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**BACKGROUND DOCUMENT TO THE REPORT OF
THE SECRETARY-GENERAL ON ENVIRONMENT
STATISTICS (E/CN.3/2020/33)**

Prepared by the United Nations Statistics Division (UNSD)

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Introduction

The present background document complements the Report of the Secretary-General on Environment Statistics to the United Nations Statistical Commission at its fifty-first session, 3-6 March 2020 in New York.¹ The relevant paragraphs in the Report of the Secretary-General that refer to this background document are paragraph 25 (data collection and dissemination activities) and paragraph 16 (capacity development activities).

The purpose of the present background document is three-fold: firstly, to provide a more detailed summary of the progress in the collection of environment statistics carried out by the United Nations Statistics Division (UNSD) in the context of increasing demand of environment statistics needed, especially for the Sustainable Development Goal (SDG) indicators; secondly, to offer a panorama of environment statistics data collections by UNSD and partner agencies at the international level that are relevant for the environment statistics domain; and thirdly, to present a synthesis of capacity development activities in environment statistics at the international level.

The present background document contains three parts as described below.

Part I provides an analysis of the results of the UNSD/UNEP Questionnaire 2018 on Environment Statistics (Water and Waste), by variables of particular interest to the SDG agenda. The Environment Statistics Section of UNSD has conducted nine data collection rounds over the last 20 years, with the most recent one in 2018 requesting data from 165 countries/territories.

Part II contains an inventory of regular, international environmental data collection, reporting and dissemination from countries undertaken by the United Nations, its specialized agencies, intergovernmental organizations and conventions. This inventory, as well as the one on capacity development activities, have been compiled by the Environment Statistics Section of UNSD in collaboration with the members of the Intersecretariat Working Group on Environment Statistics (IWG-ENV) and other partner organizations.

Part III contains an inventory of capacity development activities in environment statistics, in particular starting with those led by international and regional organizations. The purpose of the inventory is to construct a synthesis of capacity development activities in environment statistics at the international level which will assist and improve their coordination and contribute towards a geographically-balanced coverage of these activities.

¹ E/CN.3/2020/33 (<https://unstats.un.org/unsd/statcom/51st-session/documents/2020-33-EnvironmentStats-E.pdf>) Item 4(e) of the provisional agenda of the fifty-first session of the United Nations Statistical Commission.

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PART 1:

Analysis of the results of the UNSD/UNEP Questionnaire 2018 on Environment Statistics (Water and Waste)

1.1 Background and summary

1. Part I of the present document is complementary to Section C. Data collection and dissemination activities (paras. 19-27) of the Report of the Secretary-General on Environment Statistics² and should be read accordingly. The present document includes Table 1 which presents the SDG indicators towards which data collected via the UNSD/UNEP Questionnaire on Environment Statistics can contribute. Table 2 which is also found in the Report of the Secretary-General on Environment Statistics (as Table 1) illustrates the coverage and responses to the UNSD/UNEP Questionnaire on Environment Statistics for the nine data collection rounds spanning 1999 to 2018. A series of figures follows illustrating the count of responses from countries for individual variables within the UNSD/UNEP Questionnaire on Environment Statistics which are of interest to Sustainable Development Goal (SDG) indicator compilation. Several tables (Tables R1-R6 and Tables WI-W5) of responses to individual variables in the UNSD/UNEP Questionnaire on Environment Statistics are included following the background and summary section of the present part.

2. The UNSD/UNEP Questionnaire on Environment Statistics (hereafter, the Questionnaire) is the main instrument of the regular biennial data collection on water and waste which serves as a credible data source for different purposes, including compiling related SDG indicators. Those environment statistics already being collected by other United Nations agencies and other international organizations are excluded from the UNSD/UNEP Questionnaire on Environment Statistics. The Questionnaire gives opportunity to respondents (typically countries' National Statistical Offices or Ministries of Environment) to be empowered and to take ownership of SDG indicator compilation and reporting aggregated to the national level. In recent years, especially for the purposes of SDG indicator compilation, the Questionnaire and its associated data have received increased interest from several international organisations such as United Nations Environment Programme (UNEP), UN-HABITAT, Food and Agriculture Organization of the United Nations (FAO), United Nations University (UNU) and the World Health Organization (WHO), as well as academia.

3. Data collection was first conducted in 1999, through the UNSD/UNEP Questionnaire on Environment Statistics, with a request for data from 168 countries. Eight subsequent data

² E/CN.3/2020/33. Available as agenda item 4(e) from within: <https://unstats.un.org/unsd/statcom/51st-session/documents/>

collection rounds have taken place, with the most recent one in 2018 requesting data from 165 countries. The next data collection round will take place in 2020.

4. Per a long-standing agreement between the Organisation for Economic Cooperation and Development (OECD), Statistical Office of the European Union (EUROSTAT) and UNSD, the countries covered by the joint OECD/EUROSTAT Questionnaire on the State of the Environment are not covered in the UNSD/UNEP Questionnaire on Environment Statistics to avoid duplication and minimize reporting burden of countries. Both data collection processes are well coordinated and the questionnaires are fully compatible using identical definitions and classifications. The UNSD/UNEP Questionnaire is sent to all non-OECD/Eurostat countries³, covering two sections for statistics on waste and water. Between 1999 and 2018, many countries have become members of OECD or the European Union or become candidate or potential candidate countries of the European Union. Whenever such an instance has occurred, the country has moved out of scope of the UNSD/UNEP Questionnaire on Environment Statistics and into scope of the joint OECD/EUROSTAT Questionnaire on the State of the Environment. This is the main explanation for change in the number of countries to whom the UNSD/UNEP Questionnaire on Environment Statistics was sent in each collection round, especially the decrease to 165 countries and areas (hereafter, countries) in 2018 as illustrated in Table 2 in this report. It further explains challenges the UNSD/UNEP Questionnaire on Environment Statistics faces in terms of maintaining response rates as high as possible from countries, since it tends to be countries with more advanced statistical systems which move out of scope of the UNSD/UNEP Questionnaire on Environment Statistics.

5. In 2018, the Questionnaire requested countries for data for some 77 variables on its water section, and 59 variables on its waste section (in contrast to 2016 when 64 variables for its water section and 55 for its waste section were requested). The increase in variables for the water section in 2018 was owing to increased interest in breakdowns of the International Standard Industrial Classification of All Economic Activities (ISIC) Rev. 4 for water-related activities such as freshwater abstraction, use and supply. Country data on those variables has helped monitor progress on SDG indicators within SDG 6. Four variables were collected for waste for the first time in 2018 to provide better data for SDG indicators 11.6.1

³ To be factual, the UNSD/UNEP Questionnaire is also not sent to candidate and potential candidate European Union countries.

and 12.5.1.⁴ All SDG indicators towards which data collected via the Questionnaire can contribute, are described in Table 1.

Table 1: SDG indicators towards which data collected via the UNSD/UNEP Questionnaire on Environment Statistics can contribute⁵

| SDG indicator | Tier | Possible Custodian Agency(ies) | Partner Agency(ies) |
|--|-------------|---------------------------------------|----------------------------------|
| 6.3.1 Proportion of wastewater safely treated | II | WHO, UN-HABITAT, UNSD | UNEP, OECD, Eurostat |
| 6.4.1 Change in water-use efficiency over time | I | FAO | UNEP, IUCN, UNSD, OECD, Eurostat |
| 6.4.2 Level of water stress: freshwater withdrawal as a proportion of available freshwater resources | I | FAO | UNEP, IUCN, UNSD, OECD, Eurostat |
| 11.6.1 Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities | II | UN-HABITAT, UNSD | UNEP |
| 12.4.2 Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment | II | UNSD, UNEP | OECD, Eurostat, UNU |
| 12.5.1 National recycling rate, tons of material recycled | III | UNSD, UNEP | OECD, Eurostat, UNU |

6. UNSD liaised closely with several interested stakeholder organisations when considering modification to the Questionnaire which was subsequently sent to countries in 2018. Whenever considering a request or expression of interest for addition of variables to the Questionnaire, careful consideration was paid to balancing the keen demand for data pertinent to SDG indicators and other purposes, together with countries' capacity to provide

⁴ Namely, (i) Total amount of municipal waste generated (national level); (ii) Total amount of municipal waste generated (city level); (iii) Total electronic waste generated; and (iv) Total electronic waste collected.

⁵ Interagency Expert Group – Sustainable Development Goals: Tier Classification for Global SDG indicators (11 December 2019). <https://unstats.un.org/sdgs/iaeg-sdgs/tier-classification/>

such data, and the respondent burden being placed upon countries by international organisations, including UNSD.

7. To promote data quality assurance, UNSD carries out extensive data validation procedures that include built-in automated procedures, manual checks and cross-references to national sources of data. Extensive communication (predominantly via email, but also during or on the periphery of Expert Group meetings, capacity development workshops, etc.) is carried out with countries for clarification and validation of data. UNSD does not make any estimation or imputation for missing values so the number of data points provided are actual country data. Only data that are considered accurate or those confirmed by countries during the validation process are included in UNSD’s environment statistics database and disseminated on UNSD’s website.⁶

8. Table 2 below summarises responses for all data collection rounds (1999-2018). The trend shows an increasing number of responses from the inception of data collection and that a response rate of over 50% has been achieved in the 2016 and 2018 collection rounds.

Table 2: Summary of responses for all data collection rounds: 1999-2018

| Year that UNSD/UNEP Questionnaire was sent: | 1999 | 2001 | 2004 | 2006 | 2008 | 2010 | 2013 | 2016 | 2018 |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Total responses | 51 | 62 | 68 | 80 | 84 | 84 | 81 | 89 | 86 |
| Response rate (percentage) | 30 | 35 | 43 | 49 | 49 | 49 | 47 | 51 | 52 |
| Countries that received the questionnaire | 168 | 177 | 158 | 163 | 171 | 172 | 173 | 173 | 165 |

9. With direct relevance to the SDGs, existing and future data collected by UNSD will be invaluable, in particular for the SDG targets that require environment statistics. Given the importance of producing national data on water and waste for quality and informed decision making, and that these data are extremely pertinent to monitoring SDGs 6, 11 and 12, it is critical to improve the production of environment statistics, and increase training and capacity development in environment statistics. The number of responses to the Questionnaire relevant to these SDGs is presented in Table 3 on page 9 of the Report of the Secretary-General on Environment Statistics,⁷ and presented graphically in figures 1 to 5 in the present document. Data completeness and data quality remain a challenge, especially for developing countries. National capacity constraints (financial, human, technical) continue

⁶ Country data are disseminated via the three links below which are periodically updated (typically on a biennial basis): <https://unstats.un.org/unsd/envstats/qindicators>; <https://unstats.un.org/unsd/envstats/snapshots/>; and https://unstats.un.org/unsd/envstats/country_files

⁷ E/CN.3/2020/33, agenda item 4(e) within: <https://unstats.un.org/unsd/statcom/51st-session/documents/>

to be a concern, and inadequate institutional set-up and collaboration in environment statistics remains the case in many countries.

10. The Questionnaire's two sections on water and waste consist of five and six data collection tables respectively. Although, UNSD has now undertaken nine data collections on waste and water statistics and that the data are gradually improving, partial response rates (responses to individual variables) of 34 out of a possible 165, for example, in the case of precipitation in the year 2017, reveal the great need for capacity development within countries in the domain of environment statistics. The need for improved environment statistics compiled by countries is further demonstrated by the demands from international organisations and other key users who regularly approach UNSD to investigate the possibility of adding or modifying the content of the Questionnaire and who rely on the results of data collection for making better informed policies and decisions.

11. The following Figures (1-5) illustrate count of responses to the Questionnaire with specific references to an SDG indicator for which collected data are relevant. That there are so many variables within the Questionnaire of relevance to SDG indicator monitoring is testament to the robustness of the Questionnaire's content, its applicability to informing both SDG-relevant and other policy decision making, and its ability to have variables carefully added or modified.

12. To provide a brief interpretation of Figure 2, for instance, between approximately 38 to 61 countries have provided data for the variable, "total amount of municipal waste collected" for each year between 2012 and 2017. Another variable, "municipal waste managed in country" saw 27 to 41 countries provide data for each year. Since all three variables shown within Figure 2 are potentially necessary for compilation of SDG indicator 12.5.1, it is imperative that capacity building efforts aim to improve countries' abilities to provide data for these kinds of variables. When viewing Figures 1 to 5, a decline in the lines for the latest years can be explained by the fact that data have only been collected once from countries for the years 2016 and 2017 (during the 2018 collection round), only twice from countries for the years 2013 to 2015 (during the 2016 and 2018 collection rounds). On the contrary, for instance, data for the year 2012 have been collected in three collection rounds (2014, 2016 and 2018). Another factor contributing to the decline in response rates for variables in the most recent years, is that it tends to be countries with more advanced statistical systems who exit the scope of the Questionnaire as they, for instance, become candidates of the European Union, or OECD member states.

Figure 1: Count of responses to variables relevant to SDG indicator 12.4.2: Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment

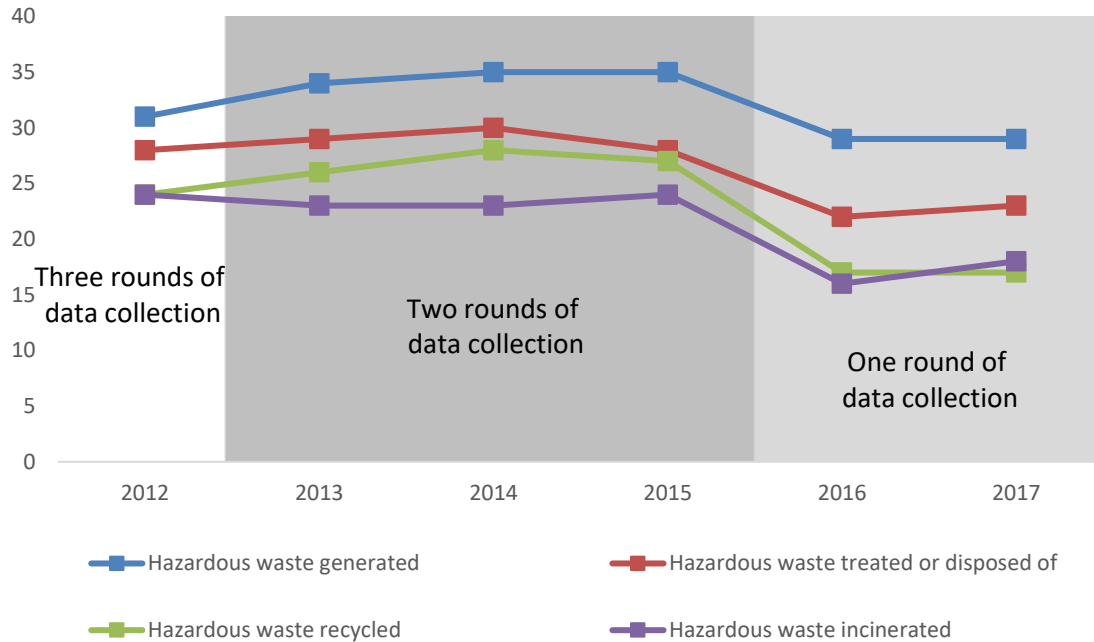


Figure 2: Count of responses, SDG indicator 12.5.1: National recycling rate, tonnes of material recycled

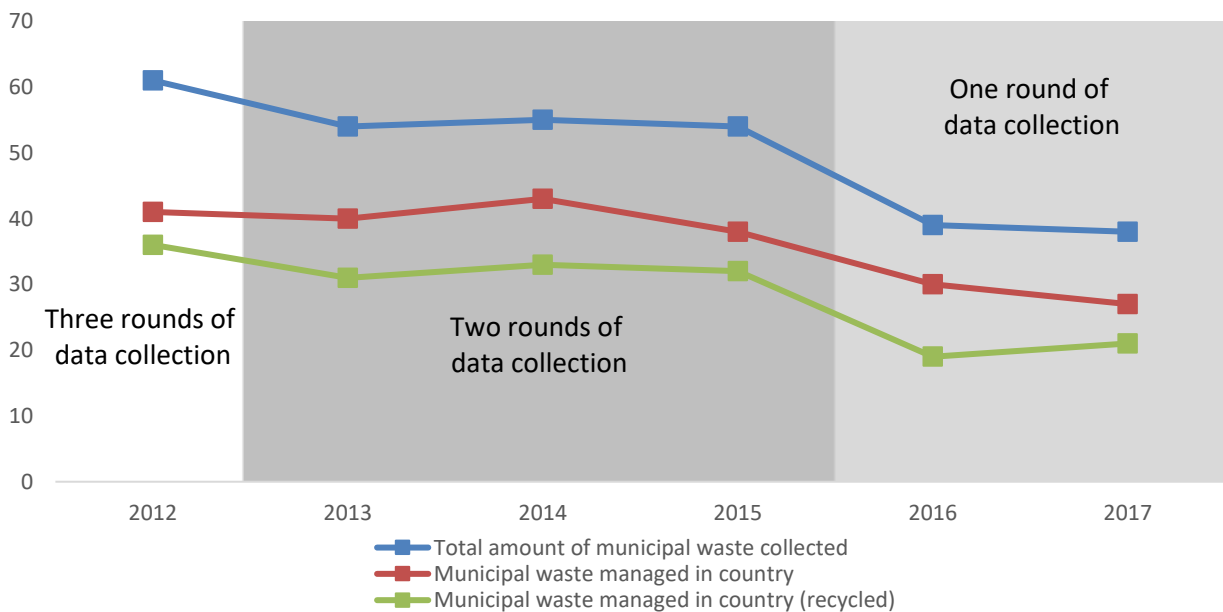


Figure 3: Count of responses, SDG indicator 6.3.1: Proportion of wastewater safely treated

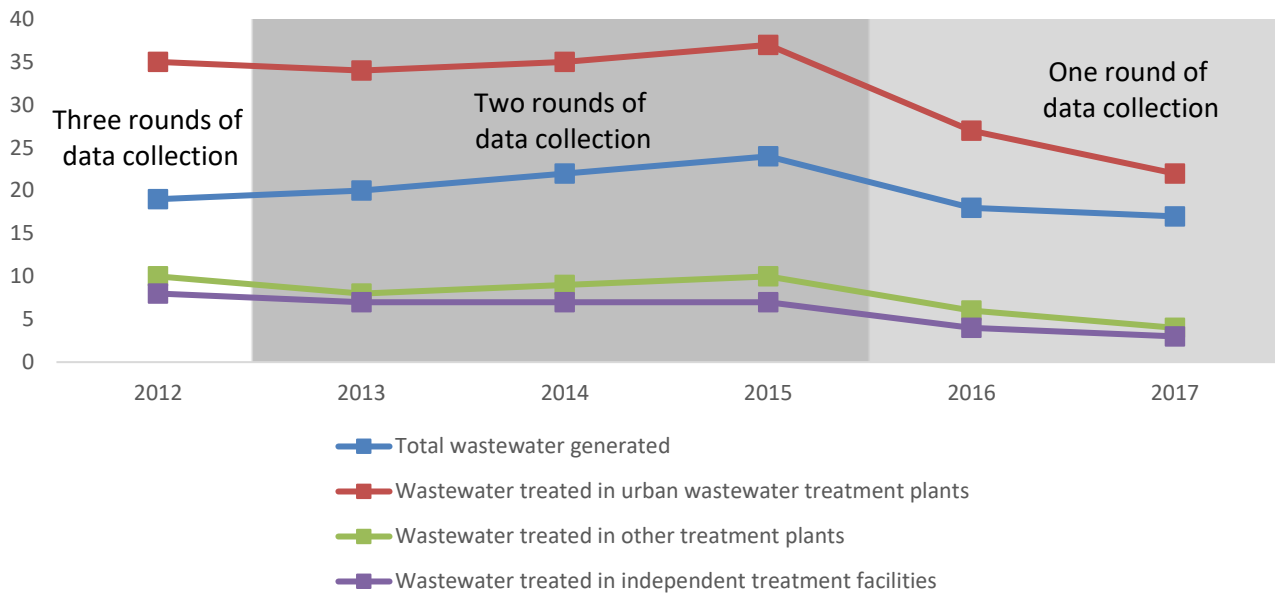


Figure 4: Count of responses, SDG indicator 6.4.1: Change in water use efficiency over time

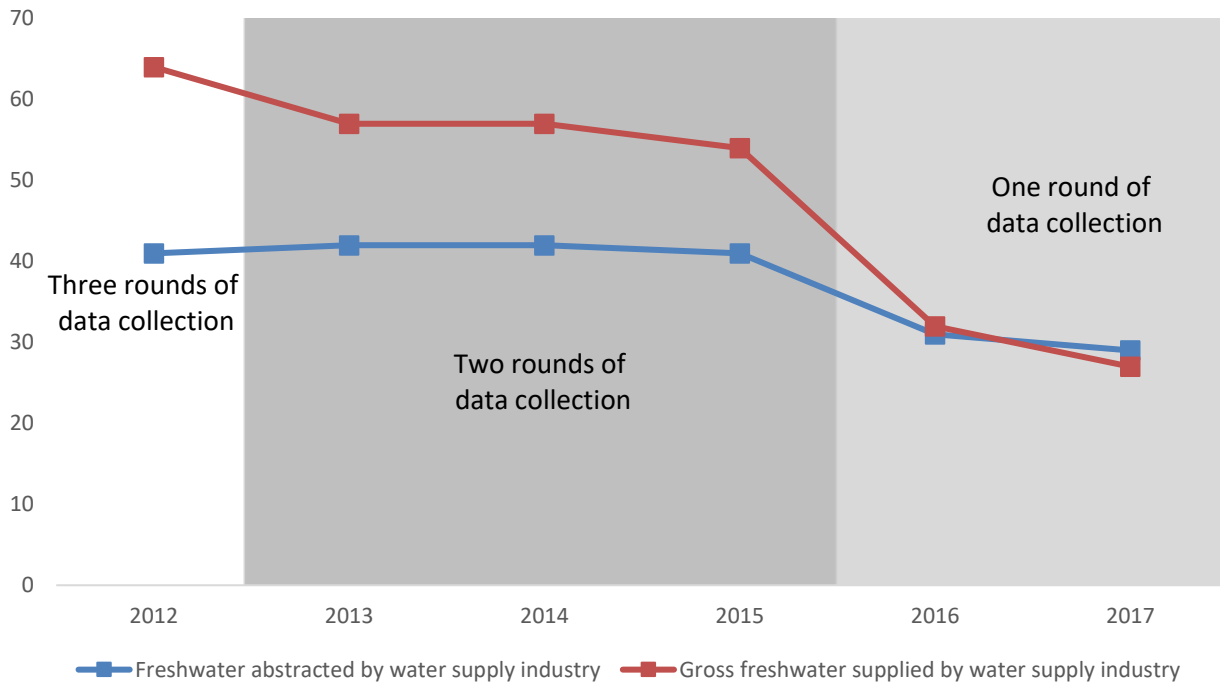
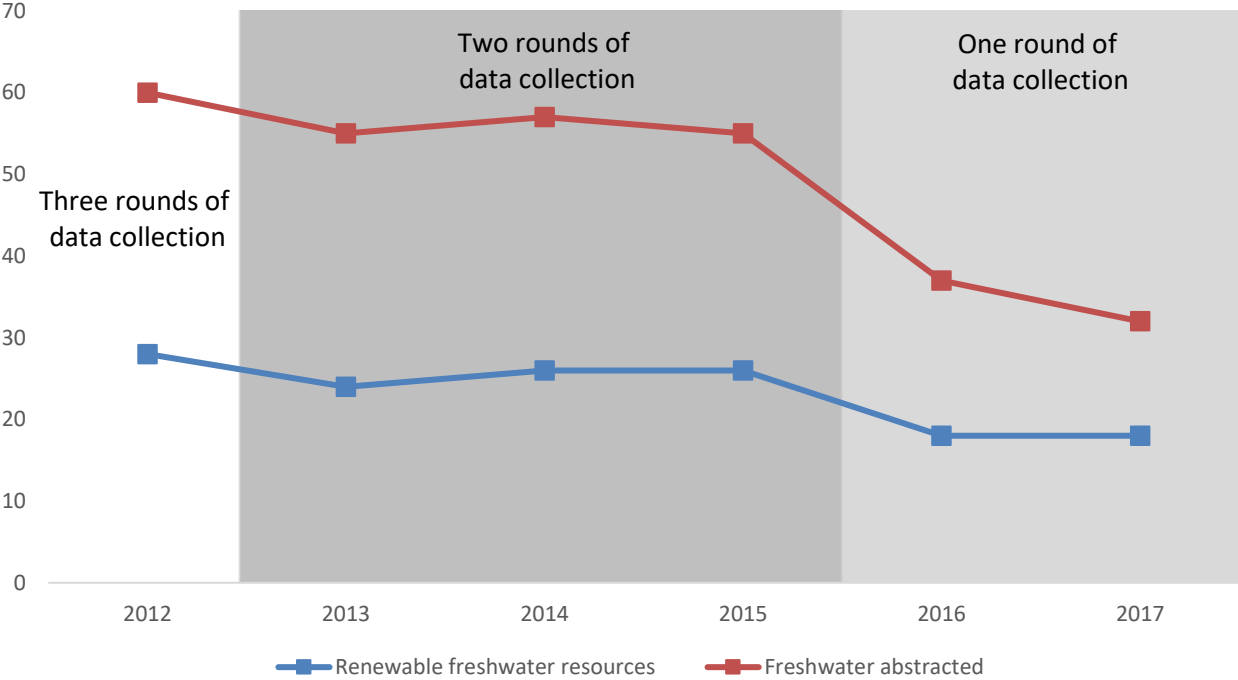
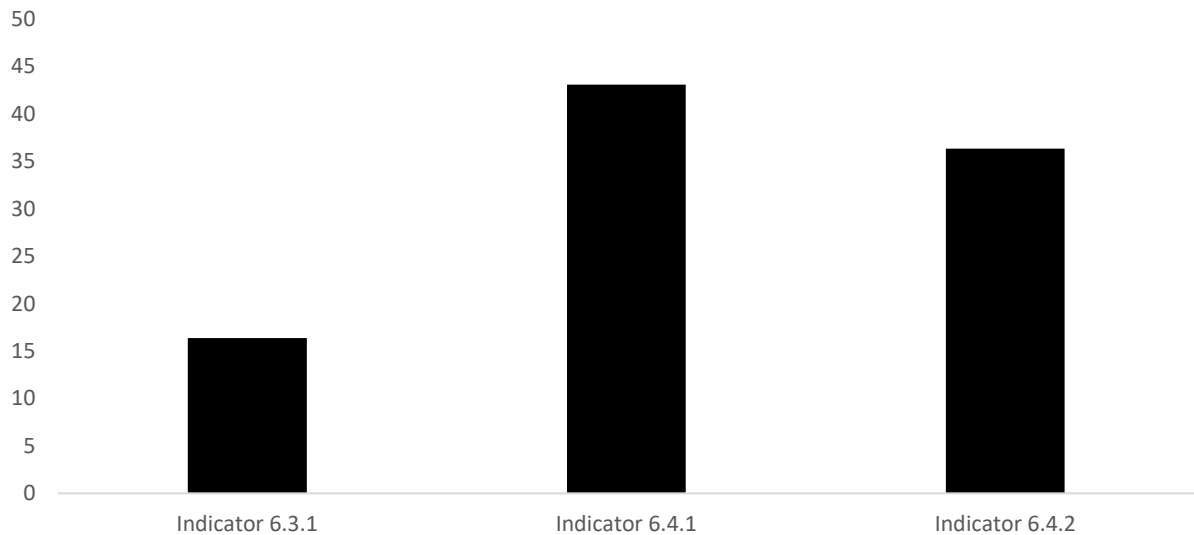


Figure 5: Count of responses, SDG indicator 6.4.2: Level of water stress: freshwater withdrawal as a proportion of available freshwater resources



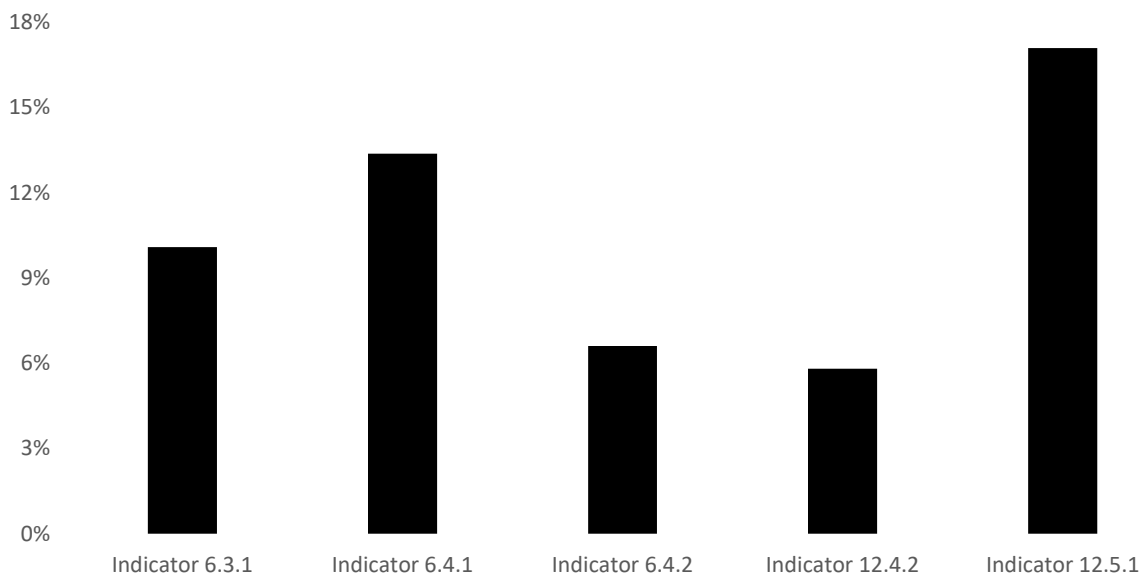
13. Figure 6 below gives an indication of the number of responses available for variables relevant for compilation of SDG indicators within goal 6. The two tier I indicators (6.4.1 and 6.4.2) are receiving significantly more responses from countries than the tier III indicator (6.3.1). This difference is mostly explained by the higher degree of difficulty in data collection and lower response rates for variables pertinent to indicator 6.3.1. Such variables include: wastewater treated in other treatment plants; and wastewater treated in independent facilities. Relative to those variables, other variables with higher response rates that pertain to indicators 6.4.1 and 6.4.2 include: renewable freshwater resources; and freshwater abstracted by water supply industry.

Figure 6: Average number of responses for variables relevant to SDG indicators within Goal 6 per year for years 2012-2017



14. To reveal recent improvements in the data collection, figure 7 below shows the percentage increase in responses between the 2016 and 2018 collection rounds for those variables collected via the Questionnaire that were the same in both collection rounds.

Figure 7: Percentage increase in responses for variables relevant to SDG indicators (for most recent six years) between *ex poste* 2016 collection round and *ex poste* 2018 collection round



15. Especially for the purposes of SDG indicator 12.5.1, data on two particular variables were collected for the first time in 2018, and collection of these variables is omitted from the above graphs. These variables were: (i) Total amount of municipal waste generated (national level); and (ii) Total amount of municipal waste generated (city level).⁸ Of the 86 countries who provided a response to the Questionnaire in 2018, 10 countries provided data on the first variable, and 11 countries provided data for 20 cities on the second variable. Further to SDG indicator 12.5.1, reference is made to a sub-indicator in its work plan concerning recycling of electronic waste (e-waste).⁹ For the purposes of improving data availability on electronic waste, data were for the first time collected in 2018 (after a successful pilot exercise in 2017) for the variables, (i) total e-waste generated; and (ii) total e-waste collected. Respectively, nine and 13 countries provided data for these two variables via the Questionnaire for the year 2017. Although these response rates may seem somewhat humbling, it should be considered that response rates of this nature have often been observed when UNSD has previously started collecting data on a given variable for the first time. Moreover, it is known that for two of these four variables pertinent to generation of waste, countries may be required to apply an estimation technique as opposed to using a traditional data collection technique (e.g. survey). Since data for all four of these variables are highly sought after by key institutional stakeholders for SDG indicator-related demand, UNSD intends to continue to collect data on these variables as part of its regular data collection in 2020 and beyond.

⁸ These two variables were preferred by institutional stakeholders to better meet the demand for SDG indicators 11.6.1 and 12.5.1, instead of: Total amount of municipal waste collected (at both national and city levels).

⁹ Work Plans for Tier III indicators: 12.5.1: National recycling rate, tons of material recycled. Available at: <https://unstats.un.org/sdgs/tierIII-indicators/?selectGoal=Goal+12&selectTarget=Target+12.5>

1.2 Count of responses by variable and year to the UNSD/UNEP Questionnaire on Environment Statistics

i) Waste section

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Table R1: Generation of Waste by Source | | | | | | | | | | | | | |
| Agriculture, forestry and fishing (ISIC 01-03) | 15 | 16 | 19 | 21 | 19 | 18 | 21 | 20 | 19 | 19 | 18 | 14 | 14 |
| Mining and quarrying (ISIC 05-09) | 13 | 12 | 12 | 12 | 11 | 13 | 14 | 16 | 11 | 17 | 16 | 14 | 12 |
| Manufacturing (ISIC 10-33) | 19 | 20 | 21 | 26 | 21 | 23 | 23 | 26 | 22 | 28 | 24 | 20 | 17 |
| Electricity, gas, steam and air conditioning supply (ISIC 35) | 11 | 11 | 10 | 14 | 13 | 12 | 12 | 14 | 10 | 17 | 15 | 14 | 12 |
| Construction (ISIC 41-43) | 23 | 23 | 24 | 24 | 22 | 22 | 25 | 26 | 23 | 25 | 22 | 16 | 20 |
| Other economic activities excluding ISIC 38 | 25 | 24 | 21 | 23 | 20 | 23 | 25 | 26 | 23 | 29 | 25 | 19 | 16 |
| Households | 37 | 35 | 38 | 37 | 37 | 37 | 42 | 41 | 37 | 38 | 37 | 22 | 25 |
| Total waste generation | 32 | 32 | 33 | 34 | 33 | 34 | 36 | 37 | 36 | 36 | 34 | 25 | 25 |
| Table R2: Management of Hazardous Waste | | | | | | | | | | | | | |
| Stock of hazardous waste at the beginning of the year | 11 | 11 | 13 | 12 | 10 | 12 | 13 | 14 | 14 | 12 | 12 | 12 | 12 |
| Hazardous waste generated during the year | 34 | 34 | 38 | 35 | 34 | 30 | 33 | 31 | 34 | 35 | 35 | 29 | 29 |
| Hazardous waste imported during the year | 23 | 22 | 22 | 24 | 23 | 21 | 21 | 25 | 22 | 23 | 20 | 14 | 13 |
| Hazardous waste exported during the year | 23 | 23 | 24 | 24 | 23 | 22 | 24 | 31 | 29 | 29 | 27 | 18 | 18 |
| Hazardous waste treated or disposed of during the year | 28 | 26 | 27 | 30 | 27 | 32 | 26 | 28 | 29 | 30 | 28 | 22 | 23 |
| <i>Amounts going to:</i> | | | | | | | | | | | | | |
| Recycling | 22 | 18 | 21 | 26 | 21 | 24 | 23 | 24 | 26 | 28 | 27 | 17 | 17 |
| Incineration | 24 | 22 | 26 | 26 | 20 | 25 | 22 | 24 | 23 | 23 | 24 | 16 | 18 |
| <i>of which: with energy recovery</i> | 3 | 4 | 5 | 7 | 4 | 12 | 7 | 11 | 12 | 12 | 11 | 9 | 8 |
| Landfilling | 25 | 22 | 25 | 29 | 22 | 27 | 25 | 26 | 25 | 28 | 25 | 18 | 19 |
| Other, please specify in the footnote | 12 | 11 | 15 | 17 | 12 | 18 | 15 | 15 | 18 | 19 | 18 | 12 | 12 |
| Stock of hazardous waste at the end of the year | 14 | 15 | 16 | 16 | 16 | 18 | 17 | 19 | 17 | 17 | 17 | 14 | 16 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Table R3: Management of Municipal Waste | | | | | | | | | | | | | |
| Total amount of municipal waste generated | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 8 | 7 | 9 | 8 | 9 | 10 |
| Municipal waste collected from households | 27 | 27 | 23 | 28 | 28 | 31 | 32 | 38 | 35 | 38 | 38 | 25 | 25 |
| Municipal waste collected from other origins | 22 | 22 | 21 | 26 | 26 | 26 | 26 | 29 | 28 | 27 | 25 | 19 | 18 |
| Total amount of municipal waste collected | 53 | 50 | 51 | 54 | 57 | 54 | 53 | 61 | 54 | 55 | 54 | 39 | 38 |
| Municipal waste imported for treatment/disposal | 18 | 15 | 13 | 14 | 15 | 16 | 16 | 20 | 19 | 20 | 20 | 13 | 12 |
| Municipal waste exported for treatment/disposal | 17 | 13 | 13 | 13 | 14 | 15 | 16 | 19 | 17 | 19 | 18 | 13 | 11 |
| Municipal waste managed in the country | 35 | 34 | 35 | 36 | 38 | 34 | 35 | 41 | 40 | 43 | 38 | 30 | 27 |
| <i>Amounts going to:</i> | | | | | | | | | | | | | |
| Recycling | 27 | 27 | 30 | 29 | 31 | 27 | 30 | 36 | 31 | 33 | 32 | 19 | 21 |
| Composting | 24 | 24 | 26 | 24 | 27 | 22 | 25 | 33 | 28 | 29 | 26 | 15 | 14 |
| Incineration | 24 | 22 | 24 | 25 | 27 | 27 | 29 | 33 | 31 | 31 | 29 | 18 | 19 |
| <i>of which: with energy recovery</i> | 17 | 17 | 20 | 19 | 21 | 19 | 20 | 24 | 23 | 22 | 17 | 13 | 13 |
| Landfilling | 42 | 41 | 39 | 39 | 41 | 42 | 42 | 50 | 46 | 47 | 45 | 31 | 32 |
| <i>of which: controlled landfilling</i> | 27 | 30 | 29 | 30 | 31 | 30 | 29 | 33 | 33 | 34 | 31 | 20 | 20 |
| Other, please specify in the footnote | 15 | 15 | 16 | 15 | 18 | 16 | 17 | 22 | 22 | 23 | 17 | 14 | 14 |
| Total population served by municipal waste collection | 35 | 34 | 37 | 37 | 38 | 37 | 38 | 41 | 37 | 37 | 42 | 26 | 28 |
| Urban population served by municipal waste collection | 24 | 21 | 25 | 22 | 24 | 20 | 21 | 24 | 22 | 25 | 26 | 21 | 24 |
| Rural population served by municipal waste collection | 20 | 16 | 21 | 18 | 19 | 17 | 19 | 20 | 20 | 22 | 24 | 16 | 18 |
| Table R4: Composition of Municipal Waste | | | | | | | | | | | | | |
| Paper, paperboard | 27 | 25 | 26 | 22 | 21 | 22 | 21 | 22 | 18 | 21 | 24 | 13 | 19 |
| Textiles | 26 | 22 | 23 | 20 | 19 | 19 | 18 | 20 | 15 | 17 | 21 | 12 | 14 |
| Plastics | 27 | 25 | 26 | 22 | 21 | 21 | 20 | 21 | 18 | 21 | 24 | 13 | 18 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Glass | 27 | 25 | 25 | 22 | 21 | 21 | 21 | 22 | 18 | 21 | 24 | 13 | 17 |
| Metals | 27 | 25 | 26 | 22 | 21 | 22 | 21 | 22 | 19 | 21 | 25 | 13 | 18 |
| Other inorganic material | 24 | 23 | 25 | 21 | 19 | 21 | 19 | 21 | 18 | 18 | 24 | 13 | 18 |
| Organic material | 25 | 22 | 24 | 20 | 19 | 21 | 18 | 20 | 17 | 19 | 23 | 12 | 17 |
| <i>of which: food and garden waste</i> | 3 | 7 | 6 | 3 | 3 | 4 | 5 | 4 | 3 | 3 | 7 | 2 | 5 |
| Table R5: Management of Municipal Waste – City Data¹⁰ | | | | | | | | | | | | | |
| Total population of the city | 110 | 109 | 118 | 103 | 103 | 102 | 107 | 142 | 123 | 133 | 131 | 81 | 84 |
| Total amount of municipal waste generated | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 9 | 6 | 16 | 16 | 19 | 20 |
| Percentage of city population served by municipal waste collection | 50 | 56 | 55 | 46 | 50 | 54 | 42 | 70 | 53 | 64 | 65 | 26 | 32 |
| Municipal waste collected from households | 64 | 58 | 64 | 70 | 71 | 62 | 68 | 87 | 75 | 91 | 95 | 51 | 53 |
| Municipal waste collected from other origins | 39 | 38 | 42 | 40 | 42 | 35 | 40 | 56 | 48 | 53 | 52 | 30 | 32 |
| Total amount of municipal waste collected | 84 | 89 | 90 | 86 | 89 | 78 | 83 | 120 | 92 | 103 | 107 | 63 | 65 |
| Amounts going to: Recycling | 27 | 27 | 37 | 32 | 34 | 25 | 28 | 50 | 42 | 49 | 56 | 24 | 27 |
| Composting | 22 | 23 | 31 | 26 | 28 | 23 | 23 | 43 | 35 | 47 | 52 | 19 | 18 |
| Incineration | 22 | 22 | 30 | 26 | 28 | 22 | 25 | 44 | 37 | 41 | 47 | 21 | 25 |
| <i>of which: with energy recovery</i> | 14 | 16 | 21 | 19 | 21 | 18 | 19 | 38 | 32 | 35 | 39 | 16 | 16 |
| Landfilling | 63 | 64 | 65 | 61 | 66 | 60 | 61 | 89 | 76 | 87 | 92 | 45 | 46 |
| <i>of which: controlled landfilling</i> | 35 | 42 | 46 | 45 | 47 | 42 | 44 | 64 | 58 | 64 | 70 | 33 | 30 |
| Other: please specify in footnote | 10 | 10 | 13 | 13 | 16 | 12 | 15 | 33 | 27 | 27 | 31 | 14 | 12 |
| Table R6: Electronic Waste Generation and Collection | | | | | | | | | | | | | |
| Total e-waste generated | 4 | 5 | 5 | 5 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 9 |
| Total e-waste collected | 2 | 2 | 2 | 6 | 6 | 7 | 7 | 7 | 8 | 10 | 10 | 11 | 13 |

¹⁰ Count of responses for variables in table R5 is expected to be greater than for all other tables since R5 requests data from cities for which countries can provide multiple responses.

ii) Water section

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Table W1: Renewable Freshwater Resources | | | | | | | | | | | | | |
| Precipitation | 71 | 69 | 70 | 64 | 66 | 59 | 61 | 61 | 54 | 52 | 54 | 39 | 34 |
| Actual evapotranspiration | 37 | 36 | 37 | 33 | 33 | 29 | 31 | 30 | 28 | 28 | 28 | 21 | 21 |
| Internal flow | 41 | 40 | 41 | 36 | 35 | 29 | 31 | 30 | 28 | 29 | 30 | 22 | 20 |
| Inflow of surface and groundwaters from neighbouring countries | 36 | 37 | 38 | 35 | 33 | 30 | 31 | 32 | 29 | 29 | 30 | 18 | 17 |
| Renewable freshwater resources | 34 | 33 | 35 | 32 | 32 | 27 | 28 | 28 | 24 | 26 | 26 | 18 | 18 |
| Outflow of surface and groundwaters to neighbouring countries | 18 | 19 | 19 | 19 | 19 | 20 | 21 | 20 | 20 | 19 | 20 | 12 | 10 |
| <i>Of which:</i> | | | | | | | | | | | | | |
| Secured by treaties | 11 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 10 | 8 |
| Not secured by treaties | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 12 | 12 | 13 | 9 | 7 |
| Outflow of surface and groundwaters to the sea | 9 | 10 | 10 | 10 | 10 | 10 | 12 | 11 | 12 | 12 | 13 | 8 | 7 |
| Table W2: Freshwater Abstraction and Use | | | | | | | | | | | | | |
| Fresh surface water abstracted | 50 | 52 | 52 | 53 | 54 | 54 | 55 | 59 | 54 | 57 | 55 | 36 | 29 |
| Fresh groundwater abstracted | 49 | 48 | 49 | 50 | 51 | 51 | 52 | 55 | 52 | 56 | 54 | 37 | 30 |
| Freshwater abstracted | 56 | 55 | 57 | 57 | 58 | 59 | 55 | 60 | 55 | 57 | 55 | 37 | 32 |
| <i>of which abstracted by:</i> | | | | | | | | | | | | | |
| Water supply industry (ISIC 36) | 39 | 40 | 41 | 41 | 40 | 37 | 35 | 41 | 42 | 42 | 41 | 31 | 29 |
| Households | 20 | 21 | 22 | 21 | 20 | 20 | 19 | 21 | 21 | 24 | 23 | 15 | 12 |
| Agriculture, forestry and fishing (ISIC 01-03) | 30 | 32 | 31 | 30 | 28 | 27 | 26 | 31 | 30 | 31 | 30 | 21 | 19 |
| <i>Of which for:</i> | | | | | | | | | | | | | |
| <i>Irrigation in agriculture</i> | 8 | 9 | 8 | 8 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 13 | 12 |
| Manufacturing (ISIC 10-33) | 27 | 30 | 31 | 31 | 30 | 28 | 28 | 32 | 29 | 29 | 28 | 19 | 18 |
| Electricity, gas, steam and air conditioning supply (ISIC 35) | 22 | 27 | 25 | 24 | 24 | 23 | 24 | 27 | 23 | 24 | 25 | 18 | 16 |
| Construction (ISIC 41-43) | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 7 | 8 |
| Other economic activities | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 8 | 7 | 9 | 8 | 9 | 10 |
| Desalinated water | 39 | 37 | 39 | 38 | 36 | 33 | 32 | 32 | 32 | 32 | 34 | 18 | 15 |
| Reused water | 32 | 30 | 31 | 29 | 28 | 27 | 27 | 29 | 27 | 27 | 26 | 14 | 14 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Imports of water | 33 | 32 | 33 | 33 | 32 | 31 | 31 | 30 | 27 | 26 | 27 | 14 | 13 |
| Exports of water | 29 | 30 | 30 | 30 | 28 | 27 | 27 | 26 | 22 | 20 | 21 | 13 | 12 |
| Total freshwater available for use | 41 | 42 | 44 | 44 | 45 | 44 | 42 | 43 | 42 | 42 | 41 | 29 | 24 |
| Losses during transport | 29 | 33 | 33 | 35 | 37 | 39 | 39 | 41 | 35 | 35 | 35 | 24 | 20 |
| Total freshwater use | 33 | 36 | 36 | 37 | 38 | 41 | 40 | 41 | 36 | 36 | 36 | 24 | 20 |
| <i>of which used by:</i> | | | | | | | | | | | | | |
| Households | 51 | 48 | 50 | 47 | 47 | 48 | 46 | 47 | 47 | 49 | 46 | 27 | 23 |
| Agriculture, forestry and fishing (ISIC 01-03) | 39 | 38 | 40 | 38 | 37 | 40 | 37 | 40 | 38 | 41 | 38 | 25 | 20 |
| <i>of which for:</i> | | | | | | | | | | | | | |
| Irrigation in agriculture | 32 | 29 | 27 | 26 | 26 | 26 | 25 | 26 | 25 | 25 | 24 | 18 | 16 |
| Mining and quarrying (ISIC 05-09) | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 7 | 7 | 9 | 8 |
| Manufacturing (ISIC 10-33) | 44 | 42 | 44 | 41 | 41 | 40 | 41 | 42 | 40 | 41 | 38 | 25 | 20 |
| Electricity, gas, steam and air conditioning supply (ISIC 35) | 8 | 9 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 9 | 10 | 10 | 11 |
| <i>of which for: Electric power generation, transmission and distribution (ISIC 351)</i> | 26 | 25 | 25 | 22 | 22 | 23 | 25 | 27 | 25 | 26 | 25 | 18 | 14 |
| Construction (ISIC 41-43) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 6 |
| Other economic activities | 5 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 10 | 10 | 10 | 10 |
| Table W3: Water Supply Industry (ISIC 36) | | | | | | | | | | | | | |
| Gross freshwater supplied by water supply industry (ISIC 36) | 57 | 55 | 59 | 62 | 60 | 56 | 58 | 64 | 57 | 57 | 54 | 32 | 27 |
| Losses during transport by ISIC 36 | 45 | 42 | 47 | 51 | 50 | 46 | 48 | 53 | 47 | 47 | 45 | 23 | 19 |
| Net freshwater supplied by water supply industry (ISIC 36) | 51 | 50 | 56 | 60 | 57 | 53 | 55 | 60 | 52 | 54 | 50 | 27 | 22 |
| <i>of which supplied to:</i> | | | | | | | | | | | | | |
| Households | 47 | 45 | 47 | 49 | 48 | 47 | 49 | 53 | 48 | 49 | 46 | 27 | 23 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Agriculture, forestry and fishing (ISIC 01-03) | 24 | 21 | 23 | 21 | 21 | 22 | 24 | 27 | 26 | 25 | 23 | 13 | 11 |
| Mining and quarrying (ISIC 05-09) | 3 | 4 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 5 |
| Manufacturing (ISIC 10-33) | 28 | 26 | 29 | 29 | 29 | 26 | 30 | 31 | 30 | 29 | 26 | 16 | 13 |
| Electricity, gas, steam and air conditioning supply (ISIC 35) | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| <i>of which to:</i> Electric power generation, transmission and distribution (ISIC 351) | 16 | 15 | 17 | 14 | 15 | 17 | 19 | 22 | 20 | 20 | 17 | 12 | 10 |
| Construction (ISIC 41-43) | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 5 | 4 | 5 | 5 | 5 | 4 |
| Other economic activities | 4 | 5 | 6 | 7 | 7 | 7 | 8 | 8 | 9 | 11 | 11 | 9 | 8 |
| <i>Population supplied by water supply industry (ISIC 36)</i> | | | | | | | | | | | | | |
| Total population supplied by water supply industry (ISIC 36) | 40 | 38 | 37 | 41 | 41 | 42 | 42 | 45 | 39 | 39 | 38 | 22 | 17 |
| Urban population supplied by water supply industry (ISIC 36) | 26 | 25 | 26 | 29 | 29 | 29 | 25 | 31 | 30 | 29 | 30 | 20 | 19 |
| Rural population supplied by water supply industry (ISIC 36) | 19 | 18 | 20 | 22 | 20 | 21 | 17 | 23 | 20 | 20 | 21 | 17 | 15 |
| Table W4: Wastewater Generation and Treatment | | | | | | | | | | | | | |
| Total wastewater generated | 16 | 16 | 17 | 19 | 18 | 18 | 19 | 19 | 20 | 22 | 24 | 18 | 17 |
| by: Agriculture, forestry and fishing ISIC (01-03) | 9 | 10 | 10 | 10 | 10 | 11 | 10 | 11 | 11 | 11 | 14 | 9 | 8 |
| Mining and quarrying (ISIC 05-09) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| Manufacturing (ISIC 10-33) | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 11 | 11 | 12 | 13 | 8 | 8 |
| Electricity, gas, steam and air conditioning supply (ISIC 35) | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| <i>of which to:</i> Electric power generation, transmission and distribution (ISIC 351) | 8 | 8 | 8 | 8 | 8 | 9 | 9 | 9 | 10 | 10 | 10 | 6 | 6 |

| | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Construction (ISIC 41-43) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 4 |
| Other economic activities | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 5 | 6 | 6 | 6 | 7 | 6 |
| Households | 9 | 11 | 12 | 13 | 13 | 15 | 16 | 16 | 16 | 18 | 20 | 13 | 11 |
| Wastewater treated in urban wastewater treatment plants | 22 | 25 | 25 | 27 | 29 | 31 | 34 | 35 | 34 | 35 | 37 | 27 | 22 |
| <i>Of which:</i> | | | | | | | | | | | | | |
| Primary treatment | 16 | 17 | 17 | 17 | 19 | 19 | 20 | 21 | 22 | 23 | 25 | 16 | 14 |
| Secondary treatment | 18 | 18 | 19 | 20 | 21 | 21 | 23 | 22 | 23 | 24 | 26 | 16 | 14 |
| Tertiary treatment | 15 | 17 | 17 | 16 | 17 | 17 | 18 | 17 | 16 | 16 | 17 | 9 | 9 |
| Wastewater treated in other treatment plants | 7 | 7 | 8 | 8 | 9 | 10 | 10 | 10 | 8 | 9 | 10 | 6 | 4 |
| <i>Of which:</i> | | | | | | | | | | | | | |
| Primary treatment | 6 | 6 | 6 | 6 | 7 | 8 | 8 | 8 | 7 | 7 | 7 | 4 | 4 |
| Secondary treatment | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 6 | 6 | 6 | 4 | 3 |
| Tertiary treatment | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 3 | 3 |
| Wastewater treated in independent treatment facilities | 5 | 5 | 5 | 6 | 7 | 7 | 7 | 8 | 7 | 7 | 7 | 4 | 3 |
| Non-treated wastewater | 13 | 15 | 17 | 18 | 18 | 20 | 22 | 21 | 22 | 23 | 24 | 17 | 15 |
| Sewage sludge production (dry matter) | 19 | 17 | 17 | 15 | 15 | 17 | 17 | 19 | 20 | 21 | 22 | 15 | 15 |

Table W5: Population Connected to Wastewater Treatment

| | | | | | | | | | | | | | |
|---|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Population connected to wastewater collecting system | 41 | 39 | 42 | 39 | 42 | 39 | 39 | 40 | 35 | 36 | 39 | 27 | 27 |
| Population connected to wastewater treatment | 38 | 34 | 39 | 34 | 32 | 32 | 31 | 31 | 28 | 30 | 33 | 26 | 26 |
| <i>of which at least secondary treatment</i> | 23 | 24 | 24 | 22 | 21 | 20 | 20 | 18 | 19 | 21 | 23 | 15 | 15 |
| Population with independent wastewater treatment (e.g., septic tanks) | 23 | 24 | 27 | 25 | 25 | 25 | 29 | 27 | 23 | 26 | 27 | 18 | 17 |
| Population not connected to wastewater treatment | 20 | 21 | 25 | 23 | 22 | 22 | 23 | 22 | 21 | 26 | 28 | 20 | 20 |

PART 2:

Inventory of Regular, International Primary Environmental Data Collection, Reporting and Dissemination from Countries

2.1 Background and summary

16. Part II presents an inventory of regular, international environmental data collection, reporting and dissemination from countries undertaken by the United Nations, its specialized agencies, intergovernmental organizations, and conventions. The tables included in this part are based on a standardized reporting format which summarizes country data collection by each institution. Countries provide data to these institutions through questionnaires, national communications or online reporting.

17. As mentioned in the Report of the Secretary-General on Environment Statistics (para.25), there is great demand for the coordination of data collection and dissemination on environmental statistics and indicators as well as a need for greater collaboration between organizations on this subject. The inventory serves as a useful resource to assist in alleviating the reporting burden on countries. The current responses to the inventory show that dozens of international and regional organizations collect and disseminate a multitude of environment-related data and statistics. These data cover various topics, and, when combined together, they provide detailed information of Member States' environmental conditions.

18. The objectives of this inventory are to:

- Support institutions' continuous efforts to promote data sharing and exchanges on the basis of common data templates and to encourage in-depth assessments of data.
- Provide a platform to compare and harmonize data collection from a methodological point of view.
- Provide countries and institutions with a picture of data flows from various national sources with the intention to reduce reporting burden and avoid duplication of efforts, both at the national and international levels.
- Encourage countries to provide their own, national and official data, and to encourage users to refer to these data as a matter of priority over external or non-official data.

19. Several environment topics, including water and waste, feature in multiple international institutions' data collection mandates. This illustrates the importance of data in these topics to compile and monitor related SDG indicators. Based on the metadata and methodological documents, it is evident these parallel data collection efforts may cover similar themes but have different data points, time periods, and practical considerations. While every effort should be made to reduce the data reporting burden for countries, this inventory shows that data of the same

topic, collected from different channels, can be beneficial and complementary to each other. For example, in the case of water, (paras. 31-32 in the Report of the Secretary-General on Environment Statistics) there are minor conceptual differences in terminology, but these are being resolved by the four institutions that play a key role in water data collection. Some other topics, such as electronic waste (e-waste), are relatively new areas of statistical data collection and could also benefit from heightened focus and scrutiny from more than one international institution. In this case (para. 27 in the Report of the Secretary-General on Environment Statistics) the United Nations University (UNU) and UNSD have been collaborating for the purposes of data validation. The growing data availability in these new frontiers could encourage countries which have not yet undertaken data collections to invest and expand their capacity in these areas.

20. This inventory is a continued effort to develop a full-scale inventory of environmental data collection from international and regional organizations. It follows a previous compilation made for the Statistical Commission's review as a background document in 2018. The present document includes additional information reflecting changes to data collections between 2018 and 2020. It also pays special attention to data collected by institutions which can contribute to the environmentally-related SDG indicators. The nature of the data collection is illustrated by metadata information and methodological guidance.

2.2 Inventory of Regular, International Primary Environmental Data Collection, Reporting and Dissemination from Countries

| | | | | | |
|---|---|------------------------------|----------------------------|--------------------------|--|
| Institution | 2.2.1 Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal | | | | |
| Website | http://www.basel.int | | | | |
| Focal point | Ms. Melisa T.S. Lim, melisa.lim@brsmeas.org | | | | |
| Description of data collection | <p>Hazardous and other wastes Topics covered: generation, import, export and transit of hazardous and other wastes Qualitative information on legislative and regulatory measures to enforce the Convention. Data collection instrument at: http://www.basel.int/Countries/NationalReporting/ElectronicReportingSystem/tabid/3356/Default.aspx</p> | | | | |
| Periodicity of data collection | Annual | Geographical coverage | Parties to the Convention. | Temporal coverage | Since 1993 (reports from 2001 and onwards are available online). |
| SDG indicators to which the data collection can contribute | 12.4.1 Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement (Tier I) 12.4.2 Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment (Tier III) | | | | |
| Outputs | Online reporting with data at: http://www.basel.int/Countries/NationalReporting/BaselConventionNationalReports/tabid/4250/Default.aspx http://www.basel.int/Countries/NationalReporting/ReportingDatabase/tabid/1494/Default.aspx | | | | |
| Metadata (link) | https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf | | | | |
| Methodological guidance used for data collection | Various guidance available here: http://www.basel.int/Countries/NationalReporting/Guidance/tabid/1498/Default.aspx | | | | |
| Data validation process | The reports are submitted by the focal points to the Secretariat. | | | | |

| | | | | | |
|---|--|------------------------------|---|--------------------------|--------------|
| Institution | 2.2.2 Caribbean Community (CARICOM) Secretariat | | | | |
| Website | http://www.caricom.org/ | | | | |
| Focal point | Dr. Philomen Harrison, Philomen.Harrison@Caricom.org | | | | |
| Periodicity of data collection | Annual | Geographical coverage | CARICOM Member States and Associate Members | Temporal coverage | 1998 to 2014 |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | CARICOM Environment in Figures publications: http://www.caricomstats.org/Environpubs.htm Environment Profiles: http://www.caricomstats.org/EnvironmentProfile.html | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.3 Centre for Research on the Epidemiology of Disasters | | | | |
| Website | http://www.cred.be/ | | | | |
| Focal point | Pascaline Wallemacq, contact@emdat.be | | | | |
| Description of data collection | Natural and technological disasters database (EM-DAT) Topics include: natural and technological disasters (type of disaster, location, date, total deaths, number of people injured, affected, homeless, damage in US dollars). Data collection instrument at: http://www.emdat.be/guidelines | | | | |
| Periodicity of data collection | | Geographical coverage | Global | Temporal coverage | 1900-2014 |
| SDG indicators to which the data collection can contribute | | | | | |

| | | | | | |
|---|---|------------------------------|------------------|--------------------------|--------|
| Outputs | http://www.emdat.be/database ; Annual Disaster Statistical Review available online at: http://www.emdat.be/publications | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.4 Common Market for Eastern and Southern Africa (COMESA) | | | | |
| Website | https://www.comesa.int/ | | | | |
| Focal point | Mr. Themba Munalula, Head of Statistics Department, tmunalula@comesa.int | | | | |
| Description of data collection | Several sets of data are collected. Some directly from the member countries (e.g. compendia) and some from reports, e.g. World Development Indicators. | | | | |
| Periodicity of data collection | Most data are annually available. | Geographical coverage | Member countries | Temporal coverage | Varies |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | COMSTAT Data Portal: http://comstat.comesa.int/ | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.5 Convention on Biological Diversity (CBD) | | | | |
| Website | https://www.cbd.int | | | | |
| Focal point | Robert Hoft, robert.hoft@cbd.int | | | | |

| | | | | | |
|---|--|------------------------------|---------------------------|--------------------------|------------------------------------|
| Description of data collection | National reports covering biodiversity status, trends, threats, implications for human well-being; National Biodiversity Strategy and Action Plan (NBSAP); progress towards 2015 and 2020 Aichi Biodiversity Targets, and contributions to relevant targets of the Millennium Development Goals. Data collection instrument at: https://chm.cbd.int/#/ | | | | |
| Periodicity of data collection | | Geographical coverage | Parties to the Convention | Temporal coverage | National reports (five since 1998) |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | https://www.cbd.int/reports/nr5/ | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| | | | | | |
| Institution | 2.2.6 Convention on the Conservation of Migratory Species of Wild Animals (CMS) | | | | |
| Website | http://www.cms.int/ | | | | |
| Focal point | | | | | |
| Description of data collection | National reports covering various species (e.g., birds, aquatic mammals, reptiles, fish, endangered migratory species), protected areas. Data collection instrument at: http://www.cms.int/sites/default/files/publication/guide_cms_ors_e.pdf | | | | |
| Periodicity of data collection | | Geographical coverage | Parties to the Convention | Temporal coverage | National reports (latest 2014) |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | http://www.cms.int/en/documents/national-reports?field_country_target_id_entityreference_filter=All | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used | | | | | |

| | | | | | |
|---|---|------------------------------|---------------------------|--------------------------|--|
| for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.7 Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) | | | | |
| Website | http://www.cites.org | | | | |
| Focal point | | | | | |
| Description of data collection | International wildlife trade topics including: international data on trade of wild flora and fauna, some legislative, regulatory and administrative measures to enforce the Convention. Data collection instrument at: https://cites.org/eng/resources/reports.php | | | | |
| Periodicity of data collection | Annual reports by parties to the Convention on trade. Biennial reports by parties to the Convention on legislative, regulatory and administrative measures. | Geographical coverage | Parties to the Convention | Temporal coverage | International wildlife trade data since 1975 |
| SDG indicators to which the data collection can contribute | 15.7.1 Proportion of traded wildlife that was poached or illicitly trafficked (Tier II) | | | | |
| Outputs | Species database: http://checklist.cites.org/#/en International trade in species database: http://trade.cites.org/ Trade data dashboard: http://cites-dashboards.unep-wcmc.org/ Various publications: https://www.cites.org/eng/resources/publications.php | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |

| | | | | | |
|---|--|------------------------------|--|--------------------------|-------------------------------------|
| Institution | 2.2.8 The Convention on Wetlands of International Importance (The Ramsar Convention) | | | | |
| Website | http://www.ramsar.org/ | | | | |
| Focal point | | | | | |
| Description of data collection | Information on protected wetland areas Topics include: wetland locations, area. Data collection instrument at: https://rsis.ramsar.org/about | | | | |
| Periodicity of data collection | | Geographical coverage | Global (169 parties to the Convention) | Temporal coverage | From 1971 (came into force in 1975) |
| SDG indicators to which the data collection can contribute | | | | | |
| SDG indicators to which the data collection can contribute | 6.6.1 Change in the extent of water-related ecosystems over time (Tier I) | | | | |
| Outputs | http://www.ramsar.org/sites-countries/the-ramsar-sites | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| | | | | | |
| Institution | 2.2.9 Economic Commission for Latin America and the Caribbean (ECLAC) | | | | |
| Website | www.cepal.org | | | | |
| Focal point | Ms. Rayen Quiroga, rayen.quiroga@cepal.org | | | | |
| Description of data collection | No direct data collection from member countries, but collection of data from other international organization covering the following environmental aspects: physical conditions, land cover, ecosystems, biodiversity, energy resources, land, biological resources, water resources, emissions to air, natural extreme events and disasters, human settlements and environmental governance and regulation. | | | | |
| Periodicity of data collection | Annual publication | Geographical coverage | Latin America and the Caribbean | Temporal coverage | Coverage depending on indicator |

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| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | Statistical Yearbook: http://estadisticas.cepal.org/cepalstat/WEB_CEPALSTAT/PublicacionesEstadisticas.asp?idioma=e Statistics and Indicators: http://estadisticas.cepal.org/cepalstat/WEB_CEPALSTAT/estadisticasIndicadores.asp?idioma=i | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.10 European Environment Agency (EEA) | | | | |
| Website | http://www.eea.europa.eu | | | | |
| Focal point | Ms. Roberta Pignatelli, Roberta.Pignatelli@eea.europa.eu | | | | |
| Description of data collection | Several data collections and databases produced and maintained by the EEA and its European Topic Centres (ETCs). The thematic focus is on: Air quality and climate change mitigation; Water quality, groundwater, marine waters; Nature protection and biodiversity; Waste generation and treatment (https://sdi.eea.europa.eu/) Land cover related products produced under Copernicus (http://land.copernicus.eu) | | | | |
| Periodicity of data collection | Varies according to topic | Geographical coverage | European Union member states, European Free Trade Association (EFTA) countries, Western Balkan countries and Turkey | Temporal coverage | Varies according to topic |
| SDG indicators to which the data collection can contribute | | | | | |

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| Outputs | Metadata based searches on spatial data: http://sdi.eea.europa.eu/catalogue Various data products: http://www.eea.europa.eu/data-and-maps Parts of the indicators and publications through EEA website at: http://www.eea.europa.eu/data-and-maps/indicators/ and http://www.eea.europa.eu/publications |
| Metadata (link) | Refer to outputs. |
| Methodological guidance used for data collection | http://dd.eionet.europa.eu/ |
| Data validation process | Undertaken as part of the EEA common workspace. |
| Institution | 2.2.11 Food and Agriculture Organization of the United Nations (FAO); FAOSTAT |
| Website | http://www.fao.org |
| Focal point | Mr. Pietro Gennari, FAO Chief Statistician, chief-statistician@fao.org |
| Description of data collection | FAO statistical databases (FAOSTAT) – online, multilingual (EN FR and ES) database system FAOSTAT Core Environmental Data Domains—with direct data collection from countries: Fertilizers Use (production, trade, agricultural use, other use) Pesticides Use (use and trade) Land Use, Irrigation and Agricultural Practices, comprising: * land use data: Country area, land area, inland waters, coastal waters; agricultural Land (cropland, permanent meadows and pastures), forest land, other land * Irrigation data: area equipped for irrigation, area actually irrigated * agricultural practices data: area organic, area under protective cover, tillage * aquaculture and fisheries data: land, inland waters, coastal waters, used for aquaculture, capture fishing Analytical Environmental Data Domains—derived from core statistics and geospatial data: Emissions, Agriculture and Emissions, Land Use Agri-environmental indicators, including: * Air and climate change (data on Ammonia, GHG per sector, GHG Intensity, Temperature Change) * Energy (Bioenergy, share agriculture use) * Fertilizers and Pesticides (Average use per unit cropland) * Land Use (share of land use over total land area) * Land Cover (MODIS and ESA legends mapped on SEEA) * Livestock patterns (animal density per land area, animal percentage shares) * Soil and water (Erosion, degradation and withdrawals) |

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| | Data collection instrument at: http://www.fao.org/economic/ess/ess-home/questionnaires/en/ | | | | |
| Periodicity of data collection | Annual | Geographical coverage | Global | Temporal coverage | FAOSTAT: 1961-2014, data availability varies according to domain |
| SDG indicators to which the data collection can contribute | <p>2.4.1 Proportion of agricultural area under productive and sustainable agriculture (Tier II)</p> <p>2.5.1 Number of plant and animal genetic resources for food and agriculture secured in either medium- or long-term conservation facilities (Tier I)</p> <p>2.5.2 Proportion of local breeds classified as being at risk, not at risk or at unknown level of risk of extinction (Tier I)</p> <p>5.a.1 (a) Proportion of total agricultural population with ownership or secure rights over agricultural land, by sex; and (b) share of women among owners or rights-bearers of agricultural land, by type of tenure (Tier II)</p> <p>12.3.1 (a) Food loss index and (b) food waste index (Tier II)</p> | | | | |
| Outputs | FAOSTAT: http://www.fao.org/faostat/en/#home | | | | |
| Metadata (link) | <p>Fertilizers: http://fenixservices.fao.org/faostat/static/documents/RF/RF_e.pdf</p> <p>Pesticides: http://fenixservices.fao.org/faostat/static/documents/RP/RP_e_README_Domain_Information.pdf</p> <p>http://fenixservices.fao.org/faostat/static/documents/RP/RP_e_Country_Notes.pdf</p> <p>Land Use: http://fenixservices.fao.org/faostat/static/documents/RL/RL_e.pdf</p> <p>Agri-environmental indicators</p> <p>http://fenixservices.fao.org/faostat/static/documents/LC/LC_e.pdf;</p> <p>http://fenixservices.fao.org/faostat/static/documents/EK/EK_e.pdf</p> <p>http://fenixservices.fao.org/faostat/static/documents/EM/EM_e.pdf</p> <p>http://fenixservices.fao.org/faostat/static/documents/EI/EI_e.pdf</p> <p>http://fenixservices.fao.org/faostat/static/documents/EF/EF_e.pdf</p> <p>http://fenixservices.fao.org/faostat/static/documents/EP/EP_e.pdf</p> <p>http://fenixservices.fao.org/faostat/static/documents/ET/ET_e.pdf</p> <p>Emissions Agriculture: http://fenixservices.fao.org/faostat/static/documents/GT/GT_e.pdf</p> <p>Emissions Land Use: http://fenixservices.fao.org/faostat/static/documents/GL/GL_e.pdf</p> | | | | |
| Methodological guidance used for data collection | <p>FAOSTAT Definitions and Standards: http://www.fao.org/faostat/en/#definitions</p> <p>World Census of Agriculture 2020: http://www.fao.org/world-census-agriculture/en/</p> <p>IPCC Guidelines: http://www.ipcc-nggip.iges.or.jp/public/2006gl/</p> <p>SEEA Central Framework: https://unstats.un.org/unsd/envaccounting/seeaRev/SEEA_CF_Final_en.pdf</p> <p>SEEA Agriculture Forestry and Fisheries: http://www.fao.org/economic/ess/environment/methodology/en/</p> <p>FDES: https://unstats.un.org/unsd/envstats/fdes.cshtml</p> | | | | |
| Data validation process | Officially nominated FAOSTAT national correspondents and their teams are housed in Ministries of Agriculture, National Statistical Offices, or other relevant national agencies in member countries. They receive annual questionnaires and are responsible for collecting national data and reporting to FAO. FAOSTAT Teams receive data through questionnaires, check | | | | |

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| | quality and identify possible outliers, gaps, based on automatic routines and expert judgement, including comparisons with and use of previous data published in FAOSTAT, and other independent data sources from national or international reports, yearbooks, etc. Country correspondents may be contacted for follow-up data analysis and are routinely engaged through workshops as well as through FAO Regional Committees on Agricultural Statistics. Internal QA/QC routines are applied to check for data consistency and data quality prior to dissemination. Methodologies are regularly updated as a function of new international work as well as a result of user feedback. | | | | |
| Institution | 2.2.12 Food and Agriculture Organization of the United Nations (FAO); FISHSTAT | | | | |
| Website | http://www.fao.org | | | | |
| Focal point | Mr. Pietro Gennari, FAO Chief Statistician, chief-statistician@fao.org | | | | |
| Description of data collection | Fishery and Aquaculture Statistics (FISHSTAT) Topics include: global fishery and aquaculture production, global aquaculture production, global capture production, global number of fishers and fish farmers, global fishery commodities production and trade, Global fleets, Global apparent consumption of fish and fishery products, CECAF Eastern Central Atlantic capture production, GFCM Mediterranean and Black Sea capture production, RECOFI Regional Commission for Fisheries capture production, Southeast Atlantic capture production, Atlas of tunas and billfish catches. | | | | |
| Periodicity of data collection | Annual | Geographical coverage | Global and regional | Temporal coverage | Data from 1950, with availability varying according to domain. |
| SDG indicators to which the data collection can contribute | 14.4.1 Proportion of fish stocks within biologically sustainable levels 14.6.1 Progress by countries in the degree of implementation of international instruments aiming to combat illegal, unreported and unregulated fishing (Tier II) 14.7.1 Sustainable fisheries as a proportion of GDP in small island developing States, least developed countries and all countries (Tier I) 14.b.1 Progress by countries in the degree of application of a legal/regulatory/policy/institutional framework which recognizes and protects access rights for small-scale fisheries (Tier II) 14.c.1 Number of countries making progress in ratifying, accepting and implementing through legal, policy and institutional frameworks, ocean-related instruments that implement international law, as reflected in the United Nations Convention on the Law of the Sea, for the conservation and sustainable use of the oceans and their resources | | | | |
| Outputs | General information: http://www.fao.org/fishery/statistics/en Online query panels: http://www.fao.org/fishery/topic/16140/en FishStatJ: http://www.fao.org/fishery/statistics/software/fishstatj/en FAO Yearbook of fisheries and aquaculture: http://www.fao.org/fishery/statistics/yearbook/en | | | | |

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| Metadata (link) | Metadata information is available in the description of each dataset at: http://www.fao.org/fishery/statistics/en and in more detailed form in the notes of each datasets/sections included in FishStatJ and in the FAO Yearbook of Fishery and Aquaculture Statistics. | | | | |
| Methodological guidance used for data collection | The concepts, definitions, classifications as applied to fishery and aquaculture statistics used by FAO have been agreed with other international agencies of the Coordinating Working Party on Fisheries Statistics (CWP) and are included in the CWP Handbook of Fishery Statistical Standards at: http://www.fao.org/fishery/cwp/search/en FAO serves as Secretariat of CWP and more information on CWP at: http://www.fao.org/fishery/cwp/ | | | | |
| Data validation process | <p>Officially nominated fishery and aquaculture national correspondents are housed in Ministries of Fishery and Aquaculture, National Statistical Offices, or other relevant national agencies in member countries. They are responsible for reporting national data to FAO through an annual questionnaire sent by FAO in May.</p> <p>The FAO Fishery and Aquaculture Department once received national data checks their quality and identifies possible outliers and gaps on the basis of automatic routines and expert judgement, including comparisons with data of previous years, other independent data sources from national or international reports, yearbooks, etc. Country correspondents may be contacted for follow-up data analysis and are routinely engaged through workshops, work done together with other regional organizations, etc.</p> <p>Internal QA/QC routines are applied to check for data consistency and data quality also prior to dissemination.</p> <p>Methodologies are regularly updated as a function of new international work, also within the Coordinating Working Party of Fishery Statistics, as well as a result of user feedback.</p> | | | | |
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| Institution | 2.2.13 Food and Agriculture Organization of the United Nations (FAO); FRA Global Forest Resource Assessment | | | | |
| Website | http://www.fao.org | | | | |
| Focal point | Mr. Pietro Gennari, FAO Chief Statistician, chief-statistician@fao.org | | | | |
| Description of data collection | <p><u>FRA Global Forest Resources Assessment</u></p> <p>The most recent assessment FRA 2015 contains information for 234 countries and territories on more than 100 variables related to the extent of forests, characteristics, management, uses and values for five points in time: 1990, 2000, 2005, 2010 and 2015.</p> <p>All data are provided to FAO by countries in the form of a country report following a standard format, which includes the original data and reference sources and descriptions of how these have been used to estimate values for different points in time.</p> | | | | |
| Periodicity of data collection | Data has been collected at 5 to 10 year intervals since 1946. Starting from 2018 dual update: | Geographical coverage | Global | Temporal coverage | Years: 1990, 2000, 2005, 2010 and 2015 |

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| | <p>A light annual update with mainly SDG-related variables and</p> <p>A full data set update every 5 years.</p> | | | | |
| SDG indicators to which the data collection can contribute | <p>15.1.1 Forest area as a proportion of total land area (Tier I)</p> <p>15.2.1 Progress towards sustainable forest management (Tier I)</p> <p>15.4.2 Mountain Green Cover Index (Tier I)</p> | | | | |
| Outputs | <p>The following outputs are available: http://www.fao.org/forest-resources-assessment/current-assessment/en/</p> <p>FRA 2015 Desk Reference containing summary tables for most of the quantitative data collected through FRA 2015 in (six languages)</p> <p>FRA 2015 Synthesis assessment containing a summary of how forests, forest management and use have changed over the past 25 years (six languages)</p> <p>FRA 2015 country reports containing documentation of references and original data used for reporting (234 countries and territories)</p> <p>A special issue of the Journal Forest Ecology and Management containing thirteen peer-reviewed papers with more detailed analyses both based on FRA 2015 data and other data sources (English)</p> <p>Forest Land Use Data Explorer (FLUDE)</p> <p>Maps and figures</p> <p>Infographics</p> | | | | |
| Metadata (link) | <p>Terms and definitions:</p> <p>http://www.fao.org/docrep/017/ap862e/ap862e00.pdf</p> | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | <p>Officially nominated national correspondents and their teams prepare the country reports for the assessment. Some prepare more than one report as they also report on dependent territories. For the remaining countries and territories where no information is provided, a report is prepared by FAO using existing information and a literature search.</p> <p>Once received, the country reports undergo a rigorous review process to ensure correct use of definitions and methodology as well as internal consistency. A comparison is made with past assessments and other existing data sources. Regular contacts between national correspondents and FAO staff by e-mail and regional/sub-regional review workshops form part of this review process. All country reports (including those prepared by FAO) are sent to the respective Head of Forestry for</p> | | | | |

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| | validation before finalization. The data are then aggregated at sub-regional, regional and global levels by the FRA team at FAO. | | | | |
| Institution | 2.2.14 Food and Agriculture Organization of the United Nations (FAO); AQUASTAT | | | | |
| Website | http://www.fao.org | | | | |
| Focal point | Mr. Pietro Gennari, FAO Chief Statistician, chief-statistician@fao.org | | | | |
| Description of data collection | AQUASTAT. Topics include: water resources, water uses, dams, irrigation and drainage, wastewater, institutional frameworks. | | | | |
| Periodicity of data collection | Dual update: light annual update with SDG-related variables and full data set update every 5 years. | Geographical coverage | Global | Temporal coverage | AQUASTAT: 1961-2015, data availability varies. |
| SDG indicators to which the data collection can contribute | 6.4.1 Change in water-use efficiency over time (Tier I) 6.4.2 Level of water stress: freshwater withdrawal as a proportion of available freshwater resources (Tier I) | | | | |
| Outputs | AQUASTAT: http://www.fao.org/nr/water/aquastat/main/index.stm AQUASTAT Profiles (147 country, 6 regions and 11 river basins): http://www.fao.org/nr/water/aquastat/countries_regions/index.stm | | | | |
| Metadata (link) | Refers to the AQUASTAT glossary for definition of the variables included in the database: http://www.fao.org/nr/water/aquastat/data/glossary/search.html?lang=en Three levels of metadata (data-point, variable, database) are described at: http://www.fao.org/nr/water/aquastat/metadata/index.stm | | | | |
| Methodological guidance used for data collection | International Recommendations for Water Statistics: https://unstats.un.org/unsd/envaccounting/irws/ The International Standard Industrial Classification of All Economic Activities, Rev. 4: https://unstats.un.org/unsd/cr/registry/isic-4.asp World Programme for the Census of Agriculture 2020 (based on the CPC classification): http://www.fao.org/3/a-i4913e.pdf | | | | |
| Data validation process | AQUASTAT is currently moving from a data collection based on country surveys filled in by national consultants towards a data collection similar to the FAO global Forest Resources Assessment (FRA, see above) based on officially nominated national correspondents. Manual and automated cross-checking is made within time-series, between variables, with neighbouring countries and other existing data sources. Regular contacts between national correspondents and FAO staff form part of the validation process and ensure country endorsement. | | | | |

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| Institution | 2.2.15 International Energy Agency (IEA) | | | | |
| Website | http://www.iea.org/statistics | | | | |
| Focal point | Ms. Roberta Quadrelli, roberta.quadrelli@iea.org | | | | |
| Description of data collection | Energy statistics: Energy supply and demand data by energy source. Topics include: Energy flows by fuel type, according to the International Recommendations for Energy Statistics (IRES). Data collection instrument at: http://www.iea.org/statistics/resources/questionnaires/ CO ₂ estimations based on energy balances and IPCC Guidelines. Energy efficiency indicators. End use data by energy type (mainly IEA Members) | | | | |
| Periodicity of data collection | Annual | Geographical coverage | Global – 29 member states (separately) | Temporal coverage | Varies, founded in 1974 |
| SDG indicators to which the data collection can contribute | 7.2.1 Renewable energy share in the total final energy consumption (Tier I) 7.3.1 Energy intensity measured in terms of primary energy and GDP (Tier I) 7.b.1 Investments in energy efficiency as a proportion of GDP and the amount of foreign direct investment in financial transfer for infrastructure and technology to sustainable development services (Tier III) 9.4.1 CO ₂ emission per unit of value added (Tier I) | | | | |
| Outputs | World Energy Balance: http://www.iea.org/statistics/ https://www.iea.org/statistics/balances/ CO ₂ emission: https://www.iea.org/statistics/co2emissions/ Energy efficiency indicators: https://www.iea.org/statistics/efficiency/ | | | | |
| Metadata (link) | http://wds.iea.org/wds/pdf/WORLDBAL_Documentation.pdf http://wds.iea.org/wds/pdf/Worldco2_Documentation.pdf http://wds.iea.org/WDS/pdf/Efficiency_indicators_Documentation.pdf | | | | |
| Methodological guidance used for data collection | The International Recommendations for Energy Statistics https://unstats.un.org/unsd/energy/ires/default.htm Energy Efficiency Indicators: Fundamentals on Statistics http://www.iea.org/publications/freepublications/publication/energy-efficiency-indicators-fundamentals-on-statistics---.html IPCC Guidelines for GHG Inventories https://www.ipcc-nggip.iges.or.jp/public/2006gl/ The International Standard Industrial Classification of All Economic Activities, Rev. 4: https://unstats.un.org/unsd/publication/seriesM/seriesm_4rev4e.pdf | | | | |
| Data validation process | Data are validated through direct contact with national data sources. | | | | |
| Institution | 2.2.16 International Union for Conservation of Nature (IUCN) | | | | |
| Website | http://www.iucn.org | | | | |

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| Focal point | | | | | |
| Description of data collection | <p>IUCN Red List of threatened species</p> <p>Topics covered: numbers of threatened species by major groups of organisms, changes in numbers of species in threatened categories, number of animal and plant species in each Red List category in each taxonomic class, number of species in each Red List category in each major animal and plant taxonomic group, number of threatened species in each major group of organisms in each country, number of extinct, threatened and other species of animals and plants in each Red List category in each country.</p> <p>Data collection instrument at: https://www.iucnredlist.org/assessment/process</p> | | | | |
| Periodicity of data collection | | Geographical coverage | Global | Temporal coverage | Several IUCN Red list versions released since 1991 |
| SDG indicators to which the data collection can contribute | <p>14.5.1 Coverage of protected areas in relation to marine areas (Tier I)</p> <p>15.1.2 Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type (Tier I)</p> <p>15.5.1 Red List Index (Tier I)</p> <p>15.8.1 Proportion of countries adopting relevant national legislation and adequately resourcing the prevention or control of invasive alien species (Tier II)</p> | | | | |
| Outputs | <p>http://www.iucnredlist.org/about/summary-statistics#Tables_1_2</p> <p>Key documents at: https://www.iucnredlist.org/resources/categories-and-criteria</p> | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.17 Montreal Protocol on Substances that Deplete the Ozone Layer | | | | |
| Website | http://ozone.unep.org | | | | |
| Focal point | Mr. Gerald Mutisya, Programme Officer, gerald.mutisya@unep.org | | | | |
| Description of data collection | <p>Data collected include: production, imports, exports and destruction of ozone depleting substances (ODSs) and HFCs, both virgin and recovered.</p> <p>The data reports are submitted to the Secretariat by the focal points for each party.</p> <p>Data collection instruments at:</p> <p>(a) Online Reporting System: https://ors.ozone.unep.org/;</p> <p>(b) downloadable excel data reporting forms: https://ozone.unep.org/countries/data-reporting-tools</p> | | | | |

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| Periodicity of data collection | Annual | Geographical coverage | Parties to the protocol, whose ratification is universal (Global). | Temporal coverage | Data from 1986 and 1989 to present. Data availability varies by groups of substances controlled by the Montreal Protocol and its amendments, and also by dates of ratification of those instruments by countries. |
| SDG indicators to which the data collection can contribute | 12.4.1 Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement (Tier I) | | | | |
| Outputs | Data published includes calculated production and consumption. http://ozone.unep.org/countries/data | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | https://ozone.unep.org/countries/data-reporting-tools | | | | |
| Data validation process | Data verification and project verification exercises are carried out periodically for developing countries receiving funding from the financial mechanism of the protocol. | | | | |
| Institution | 2.2.18 Organization for Economic Cooperation and Development (OECD) | | | | |
| Website | http://www.oecd.org | | | | |
| Focal point | Ms. Myriam Linster, myriam.linster@oecd.org | | | | |
| Description of data collection | System of Information on Resources and the Environment OECD Questionnaire on the State of the environment includes: air (emissions, quality for urban and national), inland waters (resources, abstractions, supply, waste-water treatment, pollutant discharges, river and lake water quality), marine environment (pollutant discharges, coastal and marine water quality), land (land use and conversions, soil erosion), forest (forest area, forest cover, forest resource use, forest ownership, growing stock), wildlife (species and population status), waste | | | | |

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| | <p>(generation, management, treatment and disposal, municipal and household waste, industrial waste, hazardous waste), noise (exposed population by noise level), environmental expenditure and revenues (public, business, household sectors). Environmental reference data are collected through the Annual Quality Assurance, which includes: air pollutants and GHG emissions (by source), freshwater resources (stocks and abstractions), water quality (population connected to wastewater treatment), forest resources (depletion and growth), biodiversity and wildlife resources (threatened species), and waste and materials (municipal waste generation and treatment). Data collection instrument at: http://www.oecd.org/statistics/data-collection/environment.htm Collaboration with Eurostat, the EEA, UNSD, UNEP, FAO, UNEP, UNECE, Basel convention and other convention secretariats on relevant topics.</p> | | | | |
| Periodicity of data collection | <p>Varies. Environmental reference data are collected annually Core tables of the questionnaire are collected every two years. Other tables of the questionnaire are on an ad-hoc basis.</p> | Geographical coverage | <p>OECD member countries, OECD accession countries, and OECD partner countries.</p> | Temporal coverage | <p>Varies. Most variables have annual time series since 1980 or 1990. Some variables have time series since 1950 or for 5 or 10 year intervals.</p> |
| SDG indicators to which the data collection can contribute | <p>6.a.1 Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan (Tier I) 6.b.1 Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management (Tier I) 7.a.1 International financial flows to developing countries in support of clean energy research and development and renewable energy production, including in hybrid systems (Tier II) 12.a.1 Amount of support to developing countries on research and development for sustainable consumption and production and environmentally sound technologies (Tier III) 15.a.1 Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems (Tier I/III)</p> | | | | |
| Outputs | <p>OECD Environmental Indicators (since 1991). OECD environment database on OECD.stat and on iLibrary: http://www.oecd-ilibrary.org/environment/data/oecd-environment-statistics_env-data-en OECD Environment at a Glance publication: http://www.oecd.org/environment/indicators-modelling-outlooks/environment-at-a-glance-19964064.htm Selected environmental data are also available in the OECD Green Growth indicators database: http://www.oecd-ilibrary.org/environment/data/oecd-environment-statistics/green-growth-indicators_data-00665-en?isPartOf=/content/datacollection/env-data-en</p> | | | | |

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| | OECD Environmental Performance Reviews: http://www.oecd.org/environment/country-reviews/ | | | | |
| Metadata (link) | Metadata for relevant topics are available in each dataset. | | | | |
| Methodological guidance used for data collection | Methodological guidance for relevant topics are included in each questionnaire section. | | | | |
| Data validation process | A first treatment and validation of replies is done by the OECD. Clarifications of remaining quality issues is done with countries. Consultation with countries for data included in OECD publications. | | | | |
| Institution | 2.2.19 Statistical Office of the European Union (EuroStat); Waste statistics | | | | |
| Website | http://ec.europa.eu/eurostat | | | | |
| Focal point | Mr. Arturo de la Fuente, deputy head unit E2, arturo.de-la-fuente@ec.europa.eu | | | | |
| Description of data collection | Waste statistics (WStatR) (obligatory). Waste generation and waste treatment by categories and industries Municipal waste (voluntary). Generation, incineration, recycling, composting and landfilling Packaging waste (obligatory) Waste on electrical & electronic equipment (obligatory) End-of-life vehicles (obligatory) Target monitoring Waste Framework Directive (WFD) (obligatory). Construction and demolition waste; waste from households Waste shipments (obligatory). Shipment of hazardous waste and notified waste Batteries (obligatory) | | | | |
| Periodicity of data collection | Waste: Every second year. Municipal waste: Annual. Packaging: Annual. WEEE: Annual. Vehicles: Annual. | Geographical coverage | EU Member States, European Free Trade Association (EFTA) and accession countries. | Temporal coverage | Waste: Data since 2004 Municipal waste. Data since 2000 Packaging: Data since 1997 WEEE: Data since 2005 Vehicles: Since 2005 Batteries: 2013 |
| SDG indicators to which the | | | | | |

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| data collection can contribute | | | | | |
| Outputs | http://ec.europa.eu/eurostat/data/database and http://ec.europa.eu/eurostat/web/environment/statistics-illustrated | | | | |
| Metadata (link) | See the data tree in the database link for Outputs and refer to the little icon, "M" for metadata. | | | | |
| Methodological guidance used for data collection | Methodologies, handbooks, questionnaires, etc.: http://ec.europa.eu/eurostat/web/environment/methodology | | | | |
| Data validation process | | | | | |
| Institution | 2.2.20 Statistical Office of the European Union (EuroStat); SEEA | | | | |
| Website | http://ec.europa.eu/eurostat | | | | |
| Focal point | Mr. Arturo de la Fuente, deputy head unit E2, arturo.de-la-fuente@ec.europa.eu | | | | |
| Description of data collection | <p>SEEA: Environmental taxes accounts (obligatory). Includes taxes broken down by type and activity of emitter</p> <p>SEEA: Air emissions accounts (obligatory). Breakdowns by type of greenhouse gas and pollutant and by activity of emitter.</p> <p>SEEA: Material flow accounts (obligatory). Breakdowns by product. Several variables including Domestic Material Consumption (DMC), Domestic Material Input (DMI), external trade.</p> <p>SEEA: Environmental protection expenditure account (obligatory since 2017; voluntary previous years). Consumption, investment, production and other variables. Breakdowns by institutional sector and Classification for Environmental Protection Activities (CEPA)/Classification of Resource Management Activities (CReMA).</p> <p>SEEA: Environmental goods and services sector account (obligatory since 2017; voluntary previous years): Value added, output, employment, exports of the environmental sector. Breakdowns by industry and CEPA/CReMA.</p> <p>SEEA: Physical energy flow accounts (obligatory since 2017; voluntary previous years). Breakdowns by type of energy product and industry.</p> <p>SEEA: Environmental subsidies and other transfers (voluntary)</p> <p>Data collection instrument at: http://ec.europa.eu/eurostat/web/environment/methodology</p> <p>Integrated Environmental and Economic Accounting for Forests (IEEAF) annual economic accounts for forestry and logging, under review for extension to physical forest data (collected every second year).</p> | | | | |
| Periodicity of data collection | Annual | Geographical coverage | EU Member States, EFTA and accession countries. | Temporal coverage | Taxes: since 1995 AEA: some data since 1995. Complete coverage since 2008 |

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| | | | | | MFA: some data since 1995; complete since 2000 EPEA: since 2001 EGSS: some data since 2000; complete since 2008 PEFA: since 2008 Pilot subsidies: not published yet |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | http://ec.europa.eu/eurostat/data/database http://ec.europa.eu/eurostat/web/environment/statistics-illustrated | | | | |
| Metadata (link) | See the data tree in the database link for Outputs and refer to the little icon, "M" for metadata. | | | | |
| Methodological guidance used for data collection | Methodologies, handbooks, questionnaires, etc.: http://ec.europa.eu/eurostat/web/environment/methodology | | | | |
| Data validation process | | | | | |
| Institution | 2.2.21 Statistical Office of the European Union (EuroStat); Water, forestry, bird statistics | | | | |
| Website | http://ec.europa.eu/eurostat | | | | |
| Focal point | Mr. Arturo de la Fuente, deputy head unit E2, arturo.de-la-fuente@ec.europa.eu | | | | |
| Description of data collection | <p>Joint OECD/EUROSTAT Questionnaire on the State of the Environment – Inland Waters (every second year and voluntary). Includes: water resources, abstractions, use, generation and discharge of pollution, wastewater treatment.</p> <p>Joint Forest Sector Questionnaire, with UNECE, FAO and International Tropical Timber Organization (ITTO) (annual and voluntary): annual production and trade in wood products</p> <p>Data collection instrument at: http://www.fao.org/forestry/statistics/80572/en/</p> <p>Common Bird Indices produced by European Bird Census Council (EBCC); sufficiency of sites protected under the EU Habitats Directive, produced by the EC's environmental department.</p> | | | | |

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| Periodicity of data collection | Inland waters: Every second year. Forests: Annual Bird indices: Annual data for some countries. | Geographical coverage | EU Member States, EFTA and accession countries. | Temporal coverage | Inland waters: data for some countries since 1970. Forests: Data from 1988. Birds indices: Common bird index. Since 1990. |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | Forestry data: http://ec.europa.eu/eurostat/data/database | | | | |
| Metadata (link) | See the data tree in the database link for Outputs and refer to the little icon, "M" for metadata. | | | | |
| Methodological guidance used for data collection | Methodologies, handbooks, questionnaires, etc.: http://ec.europa.eu/eurostat/web/environment/methodology | | | | |
| Data validation process | | | | | |
| Institution | 2.2.22 Stockholm Convention on Persistent Organic Pollutants (POPs) | | | | |
| Website | http://chm.pops.int/default.aspx | | | | |
| Focal point | Ms. Carla Valle-Klann, Scientific Support Branch, carla.valle@unep.org | | | | |
| Description of data collection | Qualitative information on legislative and regulatory measures to enforce the Convention and quantitative data on production, import and export of the chemicals listed in Annex A and B or a reasonable estimate of such data. Data collection instrument at: http://chm.pops.int/Countries/Reporting/ElectronicReportingSystem/tabid/3669/Default.aspx | | | | |
| Periodicity of data collection | Defined by the Conference of the Parties (every 4 years) | Geographical coverage | Parties to the Convention | Temporal coverage | Data from 2006, 2010, 2014, and 2018. |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | http://chm.pops.int/Countries/Reporting/NationalReports/tabid/3668/Default.aspx | | | | |

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| Metadata (link) | https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf | | | |
| Methodological guidance used for data collection | Guidance: http://chm.pops.int/Countries/Reporting/Guidance/tabid/3670/Default.aspx , and guidance on technical issues: http://chm.pops.int/Implementation/NationalImplementationPlans/Guidance/tabid/2882/Default.aspx | | | |
| Data validation process | The reports are submitted by the focal points to the Secretariat. | | | |
| Institution | 2.2.23 United Nations Children’s Fund (UNICEF) | | | |
| Website | http://www.unicef.org/ | | | |
| Focal point | | | | |
| Description of data collection | WHO-UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation (see also WHO) | | | |
| Periodicity of data collection | Varies. Some data available annually | Geographical coverage | Global | Temporal coverage |
| SDG indicators to which the data collection can contribute | 6.1.1 Proportion of population using safely managed drinking water services (Tier II) 6.2.1 Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water (Tier II) | | | |
| Outputs | http://www.wssinfo.org/ | | | |
| Metadata (link) | | | | |
| Methodological guidance used for data collection | | | | |
| Data validation process | | | | |
| Institution | 2.2.24 United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) | | | |
| Website | http://www.unescap.org | | | |
| Focal point | Mr. Eric Hermouet, hermouete.unescap@un.org | | | |
| Description of data collection | Compilation of data from international organizations covering a wide range of development issues, and calculation of aggregates (sub-regionally and for a variety of country groupings). Regarding environment, indicators compiled are related to the following topics: disasters; greenhouse gases, biodiversity (protected areas, forests), energy, | | | |

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| | water, air emissions, and resources use (material footprint). | | | | |
| Periodicity of data collection | Compilation: Depending on data sources; Publication: online twice a year | Geographical coverage | ESCAP 58 regional members and associate member states | Temporal coverage | 1990 to most recent year if data available from source |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | <p>ESCAP Online Statistical Database: http://data.unescap.org/escap_stat/ This is the central statistical database of ESCAP. The following series of products are derived fully or partly from this resource.</p> <p>ESCAP Statistical Yearbook for Asia and the Pacific: http://www.unescap.org/publications/statistical-yearbook-asiaand-pacific-2016-sdg-baseline-report</p> <p>ESCAP/ADB/UNDP SDG Regional Partnership Knowledge Platform: http://sdgasiapacific.net/</p> <p>ESCAP Environment Statistics Resource Platform: http://communities.unescap.org/environment-statistics. The platform contains links to ESCAP activities related to environment statistics and a collection of outputs from these activities including country self-assessments. It also contains the tools and self-learning materials on FDES, SEEA-CF and SEEA-EEA, that ESCAP is using to strengthen environment statistics in Asia and the Pacific.</p> <p>ESCAP Resource platform on disaster-related statistics: http://communities.unescap.org/asia-pacific-expert-group-disaster-related-statistics</p> <p>ESCAP Asia-Pacific Energy Portal: http://asiapacificenergy.org/#en</p> | | | | |
| Metadata (link) | For methods and definitions, see: http://data.unescap.org/escap_stat/#methodDefinition | | | | |
| Methodological guidance used for data collection | See link provided for “Metadata” | | | | |
| Data validation process | See link provided for “Metadata” | | | | |
| Institution | 2.2.25 United Nations Economic Commission for Europe (UNECE) | | | | |
| Website | http://www.unece.org/ | | | | |
| Focal point | Mr. Michael Nagy, michael.nagy@unece.org; Ms. Christine Kitzler, christine.kitzler@unece.org | | | | |
| Description of data collection | Core set of 18 indicators from the <i>UNECE Guidelines for Environmental Indicators</i> to support the establishment of the pan-European Shared Environmental Information System (SEIS) in cooperation with the European Environment Agency. The data are not collected by an international organization but should be made available on national websites in a standard format. | | | | |

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| Periodicity of data collection | Annual figures, updated annually | Geographical coverage | Eastern Europe, Caucasus and Central Asia and South-East Europe | Temporal coverage | Start of data series varies. |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | In development, data available on national websites More information at: http://www.unece.org/env/indicators.html | | | | |
| Metadata (link) | http://www.unece.org/env/indicators.htm | | | | |
| Methodological guidance used for data collection | Documents for each data set can be found on http://www.unece.org/env/indicators.html Main reference: FDES (https://unstats.un.org/unsd/environment/fdes/FDES-2015-supporting-tools/FDES.pdf) | | | | |
| Data validation process | Data validation is the responsibility of the countries. There is currently no data validation process carried out by UNECE. However, quality of selected data sets is reviewed and discussed at the meetings or the Joint Task Force on Environmental Statistics and Indicators. | | | | |
| Institution | 2.2.26 United Nations Convention to Combat Desertification (UNCCD) | | | | |
| Website | http://www.unccd.int/ | | | | |
| Focal point | Ms. Anja Thust, athust@unccd.int | | | | |
| Description of data collection | National reports covering progress indicators related to the condition of ecosystems and populations (e.g., land cover, land productivity, carbon stocks, land degradation, drought, biodiversity, poverty and access to water) and the mobilization of financial and non-financial resources to support the implementation of the Convention. The reports also include narratives on actual implementation efforts related to financial and non-financial resources, policy and planning, and actions on the ground. Data collection instrument at: https://prais.unccd.int/ | | | | |
| Periodicity of data collection | Data on progress indicators every 4 years. | Geographical coverage | 196 country Parties to the convention | Temporal coverage | Varies. From 1999 to 2010 narrative reports with limited quantitative information. From 2010 onward, data on performance indicators. Data on progress indicators |

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| | | | | | are reported starting in 2018 and cover the period from 2000 to the latest available year. |
| SDG indicators to which the data collection can contribute | 15.3.1 Proportion of land that is degraded over total land area | | | | |
| Outputs | Reports submitted to the UNCCD Committee for the Review of the Implementation of the Convention (CRIC): https://www.unccd.int/official-documents/cric-17-georgetown-guyana-2019 Regional and global data aggregates and storylines submitted to SDG progress reports and database: https://unstats.un.org/sdgs/report/2019/ https://unstats.un.org/sdgs/files/report/2019/secretary-general-sdg-report-2019--EN.pdf https://unstats.un.org/sdgs/files/report/2019/secretary-general-sdg-report-2019--Statistical-Annex.pdf | | | | |
| Metadata (link) | https://unstats.un.org/sdgs/metadata/files/Metadata-15-03-01.pdf | | | | |
| Methodological guidance used for data collection | https://www.unccd.int/sites/default/files/relevant-links/2017-10/Good%20Practice%20Guidance_SDG%20Indicator%2015.3.1_Version%201.0.pdf | | | | |
| Data validation process | Data are validated through relevant national procedures and a review process conducted by the UNCCD secretariat to ensure the coherence and completeness of national reports. | | | | |
| Institution | 2.2.27 United Nations Environment Programme (UNEP) | | | | |
| Website | http://gemstat.org/about/#gemstat https://environmentlive.unep.org https://www.sdg661.app/ | | | | |
| Focal point | Mrs. Jillian Campbell, campbell7@un.org , Mr. Dany Ghafari, dany.ghafari@un.org | | | | |
| Description of data collection | GEMS-Water: http://gemstat.org/data/data-submission/ , Topics include: water quality data of ground and surface waters. It is also used for the Nationally reported data for Indicator 6.6.1. Data for this indicator is captured through an online reporting system combining SurveyGizmo with the One Planet network website: https://www.oneplanetnetwork.org/ | | | | |
| Periodicity of data collection | Data collection varies from one indicator to another. For some | Geographical coverage | Global | Temporal coverage | |

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| | indicators data is collected on yearly basis, some every 2 (12.1.1), 3, 4 and 5 years (6.6.1) | | | | |
| SDG indicators to which the data collection can contribute | 6.3.2 Proportion of bodies of water with good ambient water quality (Tier II) 6.5.1 Degree of integrated water resources management implementation (0–100) (Tier I) 6.6.1 Change in the extent of water-related ecosystems over time (Tier I) 12.1.1 Number of countries with sustainable consumption and production (SCP) national action plans or SCP mainstreamed as a priority or a target into national policies (Tier II) | | | | |
| Outputs | Aggregated statistics of water quality data: http://gemstat.org/data/statistic-reports/ Environment Live Global Database: https://environmentlive.unep.org Water-Related Ecosystems: https://www.sdg661.app/ Measuring Progress of the environmental Dimension of the SDG's: https://www.unenvironment.org/resources/measuring-progress SDG 12 Hub: under development | | | | |
| Metadata (link) | https://unstats.un.org/sdgs/metadata/files/Metadata-06-03-02.pdf https://unstats.un.org/sdgs/metadata/files/Metadata-06-05-01.pdf https://unstats.un.org/sdgs/metadata/files/Metadata-06-06-01.pdf https://unstats.un.org/sdgs/metadata/files/Metadata-12-01-01.pdf | | | | |
| Methodological guidance used for data collection | Please refer to the metadata provided in the metadata link. | | | | |
| Data validation process | Data is validated at national level and in UNEP. In case of any discrepancy during the verification and validation a follow up will be done with the country in order to validate and get the appropriate data. | | | | |
| Institution | 2.2.28 United Nations Environment Programme (UNEP); World Conservation Monitoring Centre (WCMC) | | | | |
| Website | http://www.unep-wcmc.org | | | | |
| Focal point | Mr. Diego Juffe-Bignoli, diego.juffe-bignoli@unep-wcmc.org | | | | |
| Description of data collection | | | | | |
| Periodicity of data collection | | Geographical coverage | Global | Temporal coverage | Data available for 1990, 2000 and 2014 |
| SDG indicators to which the | 14.5.1 Coverage of protected areas in relation to marine areas (Tier I) | | | | |

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| data collection can contribute | <p>14.7.1 Sustainable fisheries as a proportion of GDP in small island developing States, least developed countries and all countries (Tier I)</p> <p>14.c.1 Number of countries making progress in ratifying, accepting and implementing through legal, policy and institutional frameworks, ocean-related instruments that implement international law, as reflected in the United Nations Convention on the Law of the Sea, for the conservation and sustainable use of the oceans and their resources</p> <p>15.1.2 Proportion of important sites for terrestrial and freshwater biodiversity that are covered by protected areas, by ecosystem type (Tier I)</p> <p>15.4.1 Coverage by protected areas of important sites for mountain biodiversity (Tier I)</p> | | | | |
| Outputs | http://www.protectedplanet.net/ | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.29 United Nations Framework Convention on Climate Change (UNFCCC) | | | | |
| Website | http://unfccc.int/ | | | | |
| Focal point | Ms. Lornaliza Kogler, UNFCCC Secretariat, lkogler@unfccc.int | | | | |
| Description of data collection | Country level data on greenhouse gases (GHG) and their precursors, including emissions of direct greenhouse gases (CO ₂ , CH ₄ , N ₂ O, HFCs, PFCs, SF ₆ , NF ₃) and of indirect gases (CO, NO _x , NMVOCs, SO _x) and the related activity data used for the estimation of greenhouse gas emissions, such as relevant energy balance data, industrial statistics, etc. | | | | |
| Periodicity of data collection | Annual for Annex I Parties (mostly developed countries); periodic (2-4 years) for non-Annex I Parties (mostly developing countries). Bunder the Enhanced Transparency Framework of Paris Agreement (from 2022-2024) | Geographical coverage | All Parties to the Convention, with the level of detail differing between Annex I Parties (mostly developed countries) and non-Annex I Parties (mostly developing countries). All Parties to the Paris Agreement (with flexibility for those developing country Parties that need it in the light of their capacities). | Temporal coverage | Varies: for Annex I Parties, usually from 1990 to two years prior to the submission the latest available year (X-2); for non-Annex I Parties, data for selected individual years are usually available rather than full time series. |

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| SDG indicators to which the data collection can contribute | 13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other) (Tier III) | | | | |
| Outputs | https://di.unfccc.int/detailed_data_by_party | | | | |
| Metadata (link) | Metadata are usually part of the relevant UNFCCC reporting guidelines, http://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/greenhouse-gas-inventories-annex-i-parties/national-inventory-submissions-2019 (Annex I Parties) http://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/national-communication-submissions-from-non-annex-i-parties (non-Annex I Parties) http://unfccc.int/BURs (non-Annex I Parties). | | | | |
| Methodological guidance used for data collection | Guidance from the Intergovernmental Panel on Climate Change (IPCC): https://www.ipcc-nggip.iges.or.jp/public/2006gl/ UNFCCC reporting guidelines: http://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/greenhouse-gas-inventories-annex-i-parties/reporting-requirements (Annex I Parties) and http://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/greenhouse-gas-inventories-annex-i-parties/reporting-requirements (non-Annex I Parties). | | | | |
| Data validation process | Data are validated through relevant national procedures and the review/analysis processes established under the UNFCCC, related procedures and other relevant information is https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/greenhouse-gas-inventories-annex-i-parties/review-process ; https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-reports-annex-i-parties/international-assessment-and-review/reviews ; https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/technical-analysis-of-burs | | | | |
| Institution | 2.2.30 United Nations Framework Convention on Climate Change (UNFCCC) | | | | |
| Website | http://unfccc.int/ | | | | |
| Focal point | Mr. Vlad Trusca, UNFCCC Secretariat, vtrusca@unfccc.int | | | | |
| Description of data collection | Country level data on GHG mitigation actions and climate related finance, technology and capacity building support; data are collected through national communications and 'Biennial Reports and their common tabular format (from developed countries); Data collection instrument at: https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-reports-annex-i-parties/seventh-national-communications-annex-i ; https://unfccc.int/BRs | | | | |
| Periodicity of data collection | Usually 4 years for national | Geographical coverage | Developed countries (Annex I Parties to the Convention) | Temporal coverage | For Annex I Parties, GHG emission |

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| | communication since about 1994 and 2 years for biennial reports since 2014. | | | | trends usually from 1990 to the latest available year; for other data the update for 4 (for national communication) or 2 (for biennial reports) years since the previous submission. |
| SDG indicators to which the data collection can contribute | 13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other) (Tier III) | | | | |
| Outputs | https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-reports-annex-i-parties/seventh-national-communications-annex-i ; https://unfccc.int/BRs | | | | |
| Metadata (link) | Metadata are usually part of the relevant UNFCCC reporting guidelines https://www4.unfccc.int/sites/br-di/Pages/Home.aspx (Annex I Parties). | | | | |
| Methodological guidance used for data collection | The relevant UNFCCC reporting guidelines at: https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-reports-annex-i-parties/seventh-national-communications-annex-i ; https://unfccc.int/BRs | | | | |
| Data validation process | Data are validated through the relevant national procedures and, through the review process established under the UNFCCC, related procedures and other relevant information at: https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-reports-annex-i-parties/international-assessment-and-review/reviews ; https://unfccc.int/IAR | | | | |
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| Institution | 2.2.31 United Nations Framework Convention on Climate Change (UNFCCC) | | | | |
| Website | http://unfccc.int/ | | | | |
| Focal point | Mr. Vlad Trusca, UNFCCC Secretariat, vtrusca@unfccc.int | | | | |
| Description of data collection | Country level data on nationally determined contributions (NDCs) (every 5 years). including adaptation components (as a component of or in conjunction with other communications or documents, including a national adaptation plan, a nationally determined contribution as referred to in Article 4, paragraph 2, and/or a national communication); long-term low greenhouse gas emission development strategies; Data collection instruments at: https://unfccc.int/process-and-meetings/the-paris-agreement/nationally-determined-contributions-ndcs | | | | |

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| | https://unfccc.int/process/the-paris-agreement/long-term-strategies | | | | |
| Periodicity of data collection | Determined by each Party (Decision 4/CMA.1: https://unfccc.int/sites/default/files/resource/cma2018_03a01E.pdf). | Geographical coverage | All Parties to the Paris Agreement | Temporal coverage | Determined by each Party individually (Decision 4/CMA.1: https://unfccc.int/sites/default/files/resource/cma2018_03a01E.pdf). |
| SDG indicators to which the data collection can contribute | 13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other) (Tier III) 13.a.1 Mobilized amount of United States dollars per year between 2020 and 2025 accountable towards the \$100 billion commitment (Tier III) | | | | |
| Outputs | http://www4.unfccc.int/ndcregistry/Pages/Home.aspx | | | | |
| Metadata (link) | Determined by each Party individually (Decision 4/CMA.1: https://unfccc.int/sites/default/files/resource/cma2018_03a01E.pdf). | | | | |
| Methodological guidance used for data collection | Determined by each Party individually (Decision 4/CMA.1: https://unfccc.int/sites/default/files/resource/cma2018_03a01E.pdf). | | | | |
| Data validation process | Data are validated by each Party individually only through the relevant national procedures. | | | | |
| Institution | 2.2.32 United Nations Framework Convention on Climate Change (UNFCCC) | | | | |
| Website | http://unfccc.int/ | | | | |
| Focal point | Mr. Vlad Trusca, UNFCCC Secretariat, vtrusca@unfccc.int | | | | |
| Description of data collection | Country level data on GHG mitigation actions and climate related finance, technology and capacity building needs and support provided; data are collected through Biennial Update Reports (from developing countries – Non-Annex I Parties) https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/national-communication-submissions-from-non-annex-i-parties ; https://unfccc.int/BURs | | | | |

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| Periodicity of data collection | Usually 2 years; for developing (non-Annex I) Parties the periodicity depends on the availability of the related support. | Geographical coverage | Developing countries (non-Annex I Parties to the Convention). | Temporal coverage | For non-Annex I Parties, data for selected individual years are usually available rather than full time series. |
| SDG indicators to which the data collection can contribute | 13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other) (Tier III) | | | | |
| Outputs | https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/national-communication-submissions-from-non-annex-i-parties ; https://unfccc.int/BURs | | | | |
| Metadata (link) | Metadata are usually part of the relevant UNFCCC reporting guidelines https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/national-communication-submissions-from-non-annex-i-parties ; https://unfccc.int/BURs | | | | |
| Methodological guidance used for data collection | The relevant UNFCCC reporting guidelines (non-Annex I Parties): https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/national-communication-submissions-from-non-annex-i-parties ; https://unfccc.int/BURs | | | | |
| Data validation process | Data are validated through the relevant national procedures, if available, and, through the technical analysis process established under the UNFCCC, https://unfccc.int/process-and-meetings/transparency-and-reporting/reporting-and-review-under-the-convention/national-communications-and-biennial-update-reports-non-annex-i-parties/technical-analysis-of-burs ; https://unfccc.int/ICA | | | | |
| | | | | | |
| Institution | 2.2.33 United Nations Framework Convention on Climate Change (UNFCCC) | | | | |
| Website | http://unfccc.int/ | | | | |
| Focal point | Ms. Livia Hollins, UNFCCC Secretariat, lhollins@unfccc.int | | | | |
| Description of data collection | Adaptation-specific information: - National adaptation plans (ongoing): https://unfccc.int/topics/adaptation-and-resilience/workstreams/national-adaptation-plans ; - National adaptation programmes of action: https://unfccc.int/topics/resilience/workstreams/national-adaptation-programmes-of-action/introduction ; | | | | |

| | | | | | |
|---|--|------------------------------|-----------------------------------|--------------------------|--|
| | <p>- National Adaptation Plans (NAP) annual progress reports, as reported to UNFCCC Subsidiary Bodies/COP and databases that can be found on NAP central, including a database of policies: https://www4.unfccc.int/sites/napc/Pages/Home.aspx;</p> <p>- Overview of adaptation information at: http://unfccc.int/resource/docs/2017/tp/07.pdf</p> | | | | |
| Periodicity of data collection | Varying (depending on the priorities and capabilities of the Parties). | Geographical coverage | Developing (non-Annex I) Parties. | Temporal coverage | Varying (depending on the priorities and capabilities of the Parties). |
| SDG indicators to which the data collection can contribute | <p>13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other) (Tier III)</p> <p>13.3.1 Number of countries that have integrated mitigation, adaptation, impact reduction and early warning into primary, secondary and tertiary curricula (Tier III)</p> <p>13.3.2 Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions (Tier III)</p> <p>13.a.1 Mobilized amount of United States dollars per year between 2020 and 2025 accountable towards the \$100 billion commitment (Tier III)</p> | | | | |
| Outputs | <p>Available, for each group of data, at:</p> <p>https://unfccc.int/topics/adaptation-and-resilience/workstreams/national-adaptation-plans;</p> <p>https://unfccc.int/topics/resilience/workstreams/national-adaptation-programmes-of-action/introduction;</p> <p>https://www4.unfccc.int/sites/napc/Pages/Home.aspx;</p> | | | | |
| Metadata (link) | Refer to links for “Outputs” | | | | |
| Methodological guidance used for data collection | Refer to links for “Outputs” | | | | |
| Data validation process | National validation procedures only; no specific validation process has been established at the UNFCCC level. | | | | |
| Institution | 2.2.34 United Nations Framework Convention on Climate Change (UNFCCC) | | | | |
| Website | http://unfccc.int/ | | | | |
| Focal point | Mr. Vlad Trusca, UNFCCC Secretariat, vtrusca@unfccc.int | | | | |
| Description of data collection | <p>Finance-specific information:</p> <p>Climate finance data (compiled) available in the biennial report:</p> <p>https://unfccc.int/topics/climate-finance/the-big-picture/climate-finance-in-the-negotiations;</p> | | | | |

| | | | | | |
|---|---|------------------------------|------------------------------|--------------------------|---|
| | Data collected through the biennial reports common tabular format: https://unfccc.int/BRs ; https://www4.unfccc.int/sites/br-di/Pages/Home.aspx | | | | |
| Periodicity of data collection | Biennially | Geographical coverage | Developed (Annex I) Parties. | Temporal coverage | Usually from 1990 to the latest available year. |
| SDG indicators to which the data collection can contribute | 13.2.1 Number of countries that have communicated the establishment or operationalization of an integrated policy/strategy/plan which increases their ability to adapt to the adverse impacts of climate change, and foster climate resilience and low greenhouse gas emissions development in a manner that does not threaten food production (including a national adaptation plan, nationally determined contribution, national communication, biennial update report or other) (Tier III) 13.a.1 Mobilized amount of United States dollars per year between 2020 and 2025 accountable towards the \$ 100 billion commitment (Tier III) | | | | |
| Outputs | https://unfccc.int/BRs ; https://www4.unfccc.int/sites/br-di/Pages/Home.aspx | | | | |
| Metadata (link) | Metadata are usually part of the relevant UNFCCC reporting guidelines: https://unfccc.int/BRs ; https://www4.unfccc.int/sites/br-di/Pages/Home.aspx (Annex I Parties). | | | | |
| Methodological guidance used for data collection | The relevant UNFCCC reporting guidelines https://unfccc.int/BRs ; (Annex I Parties). | | | | |
| Data validation process | Data are validated through relevant national procedures and the review process established under the UNFCCC (related procedures and other relevant information is https://unfccc.int/IAR). | | | | |
| Institution | 2.2.35 UN-Habitat | | | | |
| Website | https://unhabitat.org/ | | | | |
| Focal point | Mr. Robert P Ndugwa, Chief/Head, Global Urban Observatory Unit, robert.ndugwa@un.org | | | | |
| Description of data collection | Country (urban/rural) and city level data available on selected number of environmental related indicators such as access to water, sanitation, garbage collection, etc. Many of these indicators are collected as part of the city prosperity initiative. http://cpi.unhabitat.org . | | | | |
| Periodicity of data collection | Updates annually | Geographical coverage | Global, city/urban levels | Temporal coverage | 1990 to 2015 |
| SDG indicators to which the data collection can contribute | 1.4.2 Proportion of total adult population with secure tenure rights to land, with (a) legally recognized documentation and (b) who perceive their rights to land as secure, by sex and by type of tenure (Tier II) 6.3.1 Proportion of wastewater safely treated (Tier II) 11.1.1 Proportion of urban population living in slums, informal settlements or inadequate housing (Tier I) | | | | |

| | | | | |
|---|--|------------------------------|--------|--------------------------|
| | <p>11.2.1 Proportion of population that has convenient access to public transport, by sex, age and persons with disabilities (Tier II)</p> <p>11.3.1 Ratio of land consumption rate to population growth rate (Tier II)</p> <p>11.3.2 Proportion of cities with a direct participation structure of civil society in urban planning and management that operate regularly and democratically (Tier II)</p> <p>11.6.1 Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities (Tier II)</p> <p>11.7.1 Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities (Tier II)</p> <p>11.a.1 Proportion of population living in cities that implement urban and regional development plans integrating population projections and resource needs, by size of city (Tier III)</p> <p>11.c.1 Proportion of financial support to the least developed countries that is allocated to the construction and retrofitting of sustainable, resilient and resource-efficient buildings utilizing local materials (Tier III)</p> | | | |
| Outputs | <p>http://cpi.unhabitat.org https://unhabitat.org/urban-knowledge/guo</p> | | | |
| Metadata (link) | Refer to links given for “Outputs”. | | | |
| Methodological guidance used for data collection | Based on international standards set by the various indicators. Refer to links given for “Outputs”. | | | |
| Data validation process | Extensive data validation is carried out through workshops and peer reviews. | | | |
| | | | | |
| Institution | 2.2.36 United Nations Office for Disaster Risk Reduction (UNDRR) | | | |
| Website | https://www.unisdr.org/ | | | |
| Focal point | | | | |
| Description of data collection | Progress in implementing the Sendai Framework will be assessed biennially by UNISDR; analysis and trends will be presented in the Sendai Framework Progress Report (covering the period from January of the first year to December of the second year of the biennium). As of March 2018, Member States have to report against the indicators for measuring the global targets of the Sendai Framework, and disaster risk-related indicators of the SDGs, using the online Sendai Framework Monitor at https://www.unisdr.org/we/monitor | | | |
| Periodicity of data collection | | Geographical coverage | Global | Temporal coverage |
| SDG indicators to which the | <p>1.5.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population (Tier II)</p> <p>1.5.2 Direct economic loss attributed to disasters in relation to global gross domestic product (GDP) (Tier II)</p> | | | |

| | | | | | |
|---|--|------------------------------|--|--------------------------|---|
| data collection can contribute | <p>1.5.3 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030 (Tier I)</p> <p>11.5.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population (Tier II)</p> <p>11.5.2 Direct economic loss in relation to global GDP, damage to critical infrastructure and number of disruptions to basic services, attributed to disasters (Tier II)</p> <p>11.b.1 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030 (Tier I)</p> <p>11.b.2 Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies (Tier II)</p> <p>13.1.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population (Tier II)</p> <p>13.1.2 Number of countries that adopt and implement national disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015–2030 (Tier I)</p> | | | | |
| Outputs | https://www.unisdr.org/we/inform/publications/65399 | | | | |
| Metadata (link) | https://www.unisdr.org/we/inform/publications/54970 | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| Institution | 2.2.37 United Nations Statistics Division (UNSD); Waste and water statistics | | | | |
| Website | https://unstats.un.org/home/ | | | | |
| Focal point | Ms. Reena Shah, Chief, Environment Statistics Section, shahr@un.org | | | | |
| Description of data collection | <p>UNSD/UNEP Questionnaire on Environment Statistics.</p> <p>Waste: the share of economic activities and households in the generation of waste, the generation and treatment of hazardous waste, and the generation, collection, treatment and composition of municipal waste.</p> <p>Water: renewable freshwater resources, freshwater abstraction and use, the water supply industry (ISIC 36), wastewater generation and treatment, and population connected to wastewater treatment.</p> <p>Data collection instrument at: http://unstats.un.org/unsd/environment/questionnaire.htm</p> | | | | |
| Periodicity of data collection | Biennial | Geographical coverage | For waste and water: Global (excluding respondents of Joint OECD/EUROSTAT Questionnaire on the State of the Environment) | Temporal coverage | Varies (e.g. water and waste from 1990 to 2017) |

| | | | | | |
|---|---|------------------------------|--|--------------------------|--|
| | | | For energy: Global (excluding OECD member states) | | |
| SDG indicators to which the data collection can contribute | 6.3.1 Proportion of wastewater safely treated (Tier II) 11.6.1 Proportion of urban solid waste regularly collected and with adequate final discharge out of total urban solid waste generated, by cities (Tier II) 12.4.2 Hazardous waste generated per capita and proportion of hazardous waste treated, by type of treatment (Tier III) 12.5.1 National recycling rate, tons of material recycled (Tier III) | | | | |
| Outputs | http://data.un.org/ http://unstats.un.org/unsd/ENVIRONMENT/qindicators.htm https://unstats.un.org/unsd/envstats/country_files https://unstats.un.org/unsd/envstats/country_snapshots.cshtml | | | | |
| Metadata (link) | Refer to the "List of Definitions" in each of the Water and Waste sections of the UNSD/UNEP Questionnaire on Environment Statistics: https://unstats.un.org/unsd/envstats/questionnaire | | | | |
| Methodological guidance used for data collection | International Recommendations for Water Statistics: https://unstats.un.org/unsd/envaccounting/irws/ The Basel Convention: http://www.basel.int/TheConvention/Overview/TextoftheConvention/tabid/1275/Default.aspx The International Standard Industrial Classification of All Economic Activities, Rev. 4: https://unstats.un.org/unsd/cr/registry/isic-4.asp | | | | |
| Data validation process | To promote data quality assurance UNSD carries out extensive data validation procedures that include built-in automated procedures, manual checks and cross-references to national sources of data. Communication is carried out with countries for clarification and validation of data. UNSD does not make any estimation or imputation for missing values so the number of data points provided are actual country data. Only data that are considered accurate or those confirmed by countries during the validation process are included in UNSD's environment statistics database and disseminated on UNSD's website. | | | | |
| Institution | 2.2.38 United Nations Statistics Division (UNSD); Energy statistics | | | | |
| Website | https://unstats.un.org/home/ | | | | |
| Focal point | Mr. Leonardo R Souza, Industrial and Energy Statistics Section, energy_stat@un.org | | | | |
| Description of data collection | Topics include: production, trade and final consumption of primary and secondary energy products from renewable and non-renewable energy sources. Data collection instrument at: http://unstats.un.org/unsd/energy/quest.htm | | | | |
| Periodicity of data collection | Annual | Geographical coverage | Worldwide, including 229 countries and areas. Data for OECD and EU | Temporal coverage | 6 years, with possibility of historic revisions. |

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|---|--|------------------------------|--|--------------------------|--------|
| | | | countries collected through the IEA questionnaire. | | |
| SDG indicators to which the data collection can contribute | 7.2.1 Renewable energy share in the total final energy consumption (Tier I) 7.3.1 Energy intensity measured in terms of primary energy and GDP (Tier I) | | | | |
| Outputs | Energy Statistics Yearbook: http://unstats.un.org/unsd/energy/yearbook/ Energy Balances: http://unstats.un.org/unsd/energy/balance/ Electricity Profiles: http://unstats.un.org/unsd/energy/Eprofiles/ UN Energy Statistics Database: http://data.un.org/Explorer.aspx?d=EDATA | | | | |
| Metadata (link) | https://unstats.un.org/unsd/energy/Energy-Questionnaire-Guidelines.pdf | | | | |
| Methodological guidance used for data collection | International Recommendations for Energy Statistics (IRES): https://unstats.un.org/unsd/energy/ires/default.htm Energy Statistics Compilers Manual (ESCM): https://unstats.un.org/unsd/energy/ESCM.htm | | | | |
| Data validation process | On a first level, data are analysed for completeness and time series changes. On a second level, the balance between supply and use, as well as types of use and break downs, is assessed for each product. On a third level, interrelationships between data for different products and flows are looked at and validated. This includes conversion efficiencies by comparing inputs and outputs of transformation (refineries, power plants, coke ovens, briquetting plants, charcoal plants, blast furnaces, gas-to-liquid plants, etc), utilization (production <i>vis à vis</i> capacity), balances of inter-product transfers, among others. On the most aggregated level, the supply is analysed as a time series. All of this is implemented through a set of macros and rules that highlight values that seem out of range. Changes are carried out in communication with countries, but imputations are made where necessary, in order to be able to calculate world totals. | | | | |
| Institution | 2.2.39 World Bank | | | | |
| Website | http://www.worldbank.org | | | | |
| Focal point | | | | | |
| Description of data collection | | | | | |
| Periodicity of data collection | Updates annually | Geographical coverage | Global | Temporal coverage | Varies |

| | | | | | |
|---|---|------------------------------|--------|--------------------------|--------|
| SDG indicators to which the data collection can contribute | 7.1.1 Proportion of population with access to electricity (Tier I) | | | | |
| Outputs | | | | | |
| Metadata (link) | https://databank.worldbank.org/reports.aspx?source=2&type=metadata&series=EG.ELC.ACCS.ZS | | | | |
| Methodological guidance used for data collection | For SDG 7.1.1: Data for access to electricity are collected among different sources: mostly data from nationally representative household surveys (including national censuses) were used. Survey sources include Demographic and Health Surveys (DHS) and Living Standards Measurement Surveys (LSMS), Multi-Indicator Cluster Surveys (MICS), the World Health Survey (WHS), other nationally developed and implemented surveys, and various government agencies (for example, ministries of energy and utilities. To develop the historical evolution and starting point of electrification rates, a simple modelling approach was adopted to fill in the missing data points - around 1990, around 2000, and around 2010. | | | | |
| Data validation process | | | | | |
| | | | | | |
| Institution | 2.2.40 World Health Organization (WHO) | | | | |
| Website | http://www.who.int | | | | |
| Focal point | Mr. Rifat Hossain, hossainr@who.int or gho_info@who.int | | | | |
| Description of data collection | Over 5000 data sources including the UNICEF Multiple Indicator Cluster Surveys (MICS), Demographic and Health Surveys (DHS) and Living Standard Measurement Study (LSMS). For information, see: https://washdata.org/monitoring/methods/data-sources . UN-Water Global Analysis and Assessment of Sanitation and Drinking-water (GLAAS) website: http://www.who.int/water_sanitation_health/monitoring/investments/glaas/en/ | | | | |
| Periodicity of data collection | Some data available annually. | Geographical coverage | Global | Temporal coverage | Varies |
| SDG indicators to which the data collection can contribute | 3.9.1 Mortality rate attributed to household and ambient air pollution (Tier I) 3.9.2 Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene (exposure to unsafe Water, Sanitation and Hygiene for All (WASH) services) (Tier I) 6.1.1 Proportion of population using safely managed drinking water services (Tier II) 6.2.1 Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water (Tier II) 6.3.1 Proportion of wastewater safely treated (Tier II) 6.a.1 Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan (Tier I) | | | | |

| | | | | | |
|---|--|------------------------------|---------------------------|--------------------------|--|
| | 6.b.1 Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management (Tier I) | | | | |
| | 7.1.2 Proportion of population with primary reliance on clean fuels and technology (Tier I) | | | | |
| | 11.6.2 Annual mean levels of fine particulate matter (e.g. PM2.5 and PM10) in cities (population weighted) (Tier I) | | | | |
| Outputs | WHO/UNICEF Joint Monitoring Programme (JMP) is the custodian of global data on drinking water, sanitation and hygiene (WASH). https://washdata.org/data Global Health Observatory (GHO) data: http://www.who.int/gho/en/ | | | | |
| Metadata (link) | Application of Statistical Data and Metadata eXchange - Health Domain (SDMX-HD) for GHO data. See: http://www.who.int/gho/indicator_registry/en/ | | | | |
| Methodological guidance used for data collection | Estimation methods are detailed here: https://washdata.org/monitoring/methods | | | | |
| Data validation process | Before publishing any country estimates, a mandatory country consultation exercise that runs for 6-8 weeks is undertaken. During this time countries can react to underlying data, metadata, definitions as well as resulting estimates. WHO publishes country estimates once these consultations are complete and what is agreed between the countries and WHO. This consultation exercise involves six WHO regional and country offices around the world, who coordinate these consultations in the countries. | | | | |
| | | | | | |
| Institution | 2.2.41 World Heritage Convention | | | | |
| Website | http://whc.unesco.org/en/convention/ | | | | |
| Focal point | | | | | |
| Description of data collection | Application of the World Heritage Convention including state of conservation of its World Heritage properties. Data collection instrument at: http://whc.unesco.org/en/pr-questionnaire/ | | | | |
| Periodicity of data collection | Sexennially (two reports to date (2000-2006 cycle; 2008-2015 cycle) | Geographical coverage | Parties to the Convention | Temporal coverage | |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | http://whc.unesco.org/en/periodicreporting/ | | | | |
| Metadata (link) | | | | | |

| | | | | | |
|---|--|----------------|------------------------------|--------|--------------------------|
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |
| | | | | | |
| Institution | 2.2.42 UNESCO Man and Biosphere Programme (MAB) | | | | |
| Website | http://www.unesco.org/new/en/natural-sciences/environment/ecological-sciences/man-and-biosphere-programme/about-mab/ | | | | |
| Focal point | | | | | |
| Description of data collection | The MAB Programme focusing on sites internationally recognized within the World Network of Biosphere Reserves, which is composed of 686 biosphere reserves in 122 countries, including 20 transboundary sites. National reviews and assessments are collected periodically. | | | | |
| Periodicity of data collection | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">Every 10 years</td> <td style="width: 25%;">Geographical coverage</td> <td style="width: 25%;">Global</td> <td style="width: 25%;">Temporal coverage</td> </tr> </table> | Every 10 years | Geographical coverage | Global | Temporal coverage |
| Every 10 years | Geographical coverage | Global | Temporal coverage | | |
| SDG indicators to which the data collection can contribute | | | | | |
| Outputs | http://www.unesco.org/new/en/natural-sciences/environment/ecological-sciences/biosphere-reserves/world-network-wnbr/wnbr/ | | | | |
| Metadata (link) | | | | | |
| Methodological guidance used for data collection | | | | | |
| Data validation process | | | | | |

PART 3:

Inventory of Capacity Development Events and Activities in the Area of Environment Statistics

3.1 Background and summary

21. Part III presents an inventory of capacity development events and activities in the area of environment statistics led by international and regional organizations. This part also includes lists of all the reported activities.

22. The inventory was recommended by the Expert Group on Environment Statistics (EGES) at its sixth meeting in May 2019.¹¹ Currently, there may be duplication of capacity development efforts in environment statistics and there is no standard way of assessing the efficiency of such activities or projects. Given limited resources and in the interest of improving coordination of capacity development efforts, UNSD initiated the inventory of capacity development in environment statistics, starting with the international and regional organizations. This inventory is compiled by the Environment Statistics Section of UNSD in collaboration with the members of the Intersecretariat Working Group on Environment Statistics (IWG-ENV)¹² and other partner organizations.

23. The purpose of the inventory is to construct a synthesis of capacity development activities on environment statistics at the international level which will assist and improve their coordination and contribute towards geographically balanced coverage of these activities. The activities in scope include any thematic areas pertaining to the topics included in the Framework for the Development of Environment Statistics (FDES 2013).¹³

24. The capacity development activities included in this inventory consist of national or regional training events and support provided by international and regional organizations to recipient countries with specific thematic coverage in the field of environment statistics, and also with the objective to increase national capacities.

25. Nineteen institutions provided details on their capacity development activities which were structured outlining the following:

- recipient countries with contact details,
- funding mechanism,
- description of capacity development activity,
- themes,
- focus of capacity development,

¹¹ Sixth EGES meeting, May 2019:

<https://unstats.un.org/unsd/environment/FDES/EGES6/Final%20report.pdf>

¹² IWG-ENV: <https://unstats.un.org/unsd/envstats/coordination>

¹³ Framework for the Development of Environment Statistics (FDES 2013):

<https://unstats.un.org/unsd/environment/FDES/FDES-2015-supporting-tools/FDES.pdf>

- date(s) and location(s) (in cases where more than one event took place within the same activity),
- planned follow-up,
- methodological guidance used,
- summary of outcomes, and
- collaborating institutions.

26. Multiple activities were reported by most organizations, however to a varying degree of completeness. The overall summary of thematic coverage by regions is presented in Table 1. The regions include all countries and territories, with the exception of the 28 European Union countries, Australia, Canada, Iceland, Israel, Japan, Norway, New Zealand, Switzerland and USA. The thematic breakdown follows the generalized themes included in the FDES: e.g. ‘land’, ‘water’, ‘air’, ‘waste’, ‘biodiversity’ etc. The category ‘Other’ includes environmental statistics and indicators in general, environmentally-related SDGs, or topics with minor coverage. A total count of activities weighted by their thematic coverage is shown in the last column of the table. For example, where several topics were covered in a single event the total equals the number of topics, which is distinct from the number of events.

27. The summarised past capacity development activities took place from January 2018 until November 2019, the planned ones cover the period from November 2019 until end of December 2020.

28. Table 1 indicates that thematically water and waste were covered with the highest number of activities. Other areas such as oceans and fisheries are less covered which can be a result of underreporting or lack of thematic details in the information provided by the organizations. Additional underreporting may result from the organizations omitting names of the participating countries in their regional events.

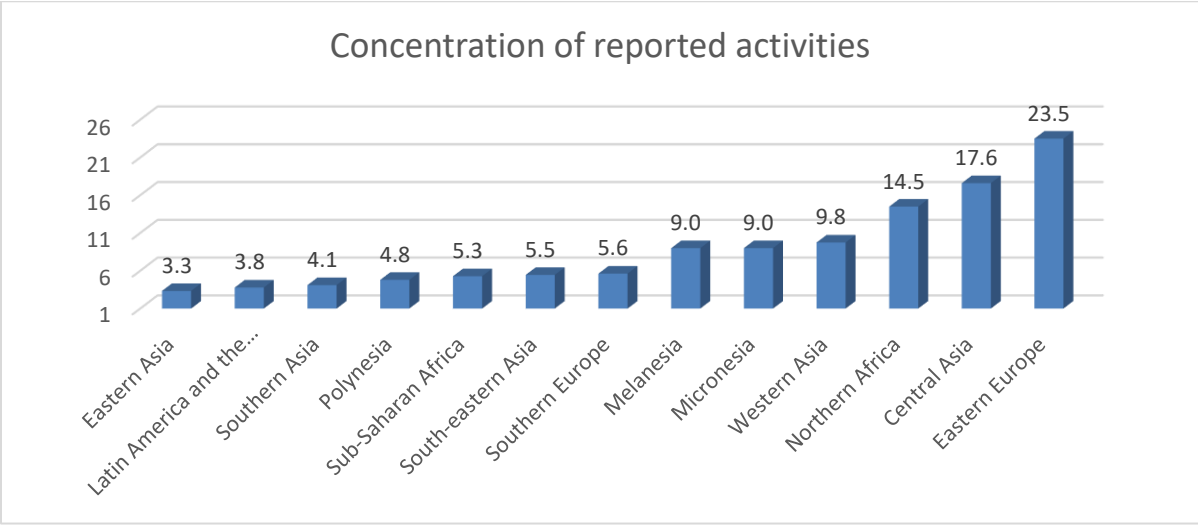
Table 1 Summary of past capacity development activities by theme and recipient region¹⁴

| | No. countries/territories | Land and agriculture | Water | Air | Waste, wastewater | Biodiversity | Forest | Energy | Climate | Oceans and fisheries | Disasters | Environment. expenditures | Industrial Pollution | Other | Total |
|---------------------------------|---------------------------|----------------------|------------|-----------|-------------------|--------------|-----------|-----------|-----------|----------------------|-----------|---------------------------|----------------------|------------|--------------|
| Central Asia | 5 | 5 | 19 | 7 | 12 | 6 | 1 | 6 | 5 | ... | 7 | 6 | ... | 14 | 88 |
| Western Asia | 16 | 9 | 40 | 17 | 22 | 7 | 1 | 4 | 14 | 5 | 4 | 7 | 1 | 25 | 156 |
| Eastern Asia | 6 | 1 | 5 | 1 | 1 | ... | 1 | 1 | 1 | 1 | 2 | 1 | ... | 5 | 20 |
| Southern Asia | 9 | 5 | 7 | ... | 6 | ... | 1 | 2 | 4 | ... | 8 | ... | ... | 4 | 37 |
| South-eastern Asia | 11 | 5 | 12 | ... | 5 | ... | 4 | 1 | 6 | 3 | 13 | 1 | 1 | 9 | 60 |
| Eastern Europe | 4 | 6 | 13 | 15 | 11 | 9 | 2 | 5 | ... | 1 | 1 | 8 | 1 | 22 | 94 |
| Southern Europe | 8 | ... | 11 | 8 | 10 | ... | ... | 1 | ... | 3 | 3 | 5 | ... | 4 | 45 |
| Latin America and the Caribbean | 42 | 20 | 25 | 1 | 17 | 15 | 22 | 3 | 13 | 11 | 20 | 1 | ... | 12 | 160 |
| Melanesia | 5 | 5 | 6 | ... | 5 | ... | ... | 5 | 9 | ... | 10 | ... | ... | 5 | 45 |
| Micronesia | 5 | 5 | 5 | ... | 5 | ... | ... | 5 | 10 | ... | 10 | ... | ... | ... | 45 |
| Polynesia | 5 | 2 | 3 | ... | 3 | ... | 1 | 3 | 4 | 1 | 4 | ... | ... | 3 | 24 |
| Northern Africa | 6 | 5 | 21 | 6 | 17 | 1 | 2 | 1 | 13 | 8 | 4 | ... | 3 | 6 | 87 |
| Sub-Saharan Africa | 49 | 38 | 59 | 16 | 29 | 7 | 44 | 16 | 13 | 2 | 10 | ... | ... | 27 | 261 |
| Grand Total | 171 | 106 | 226 | 71 | 143 | 45 | 79 | 53 | 92 | 35 | 96 | 29 | 6 | 141 | 1,123 |

29. Taking into account such underreporting the likely gaps in regional coverage of capacity development can be observed in Figure 1. It presents an estimation of ‘the density’ of activities calculated by dividing the total from Table 1 (number of activities weighted by number of themes covered) by the number of countries in each region.

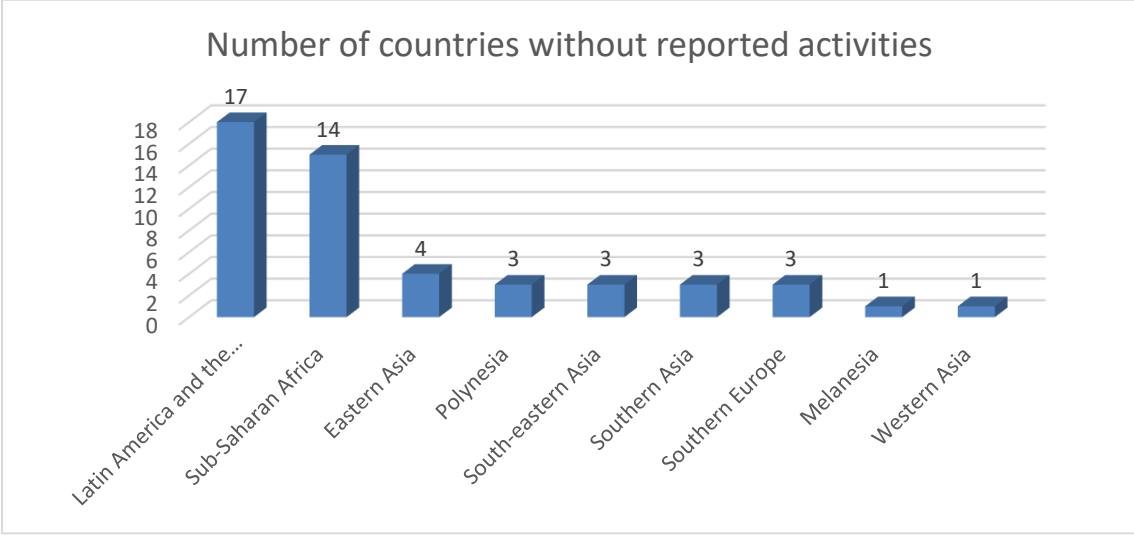
¹⁴ The regions are defined according to the Standard Country or Area Codes for Statistical Use (M.49): <https://unstats.un.org/unsd/methodology/m49/>

Figure 1. Concentration of past capacity development activities by recipient region



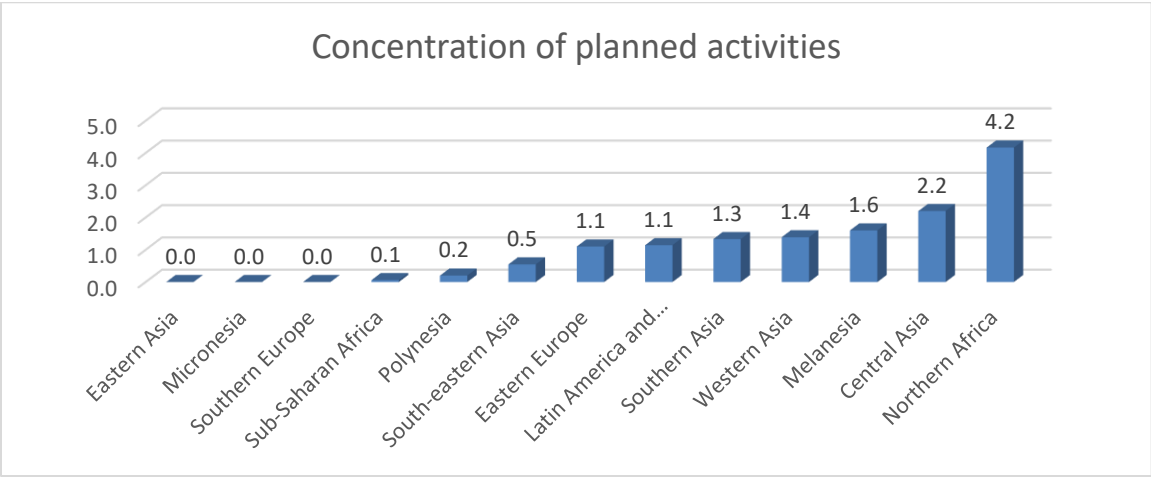
30. Several regions including Polynesia, Eastern Asia and Southern Asia have the lowest coverage of capacity development activities while Eastern Europe, Central Asia and Northern Africa have the highest. The activities related to the Latin American and the Caribbean region are underreported possibly because the participating countries and themes were not specified in this inventory.

Figure 2. Number of countries/territories per region where no capacity development activities were reported



31. Figure 2 indicates that Sub-Saharan Africa remains the region with the highest number of countries and territories where no international or regional organizations reported having delivered capacity development in the past two years. In the case of the Latin American and the Caribbean region, as in Figure 1, the high number of countries without reported activities is likely due to underreporting. Gaps of capacity development can also be seen for Eastern Asia. From the regions analysed above there are 49 countries and territories where no capacity development activities were reported.

Figure 3. Concentration of planned capacity development activities by recipient region



32. Figure 3 shows the concentration of planned activities which were reported for the period from November 2019 through December 2020. In total, 150 activities weighted by themes, were reported however the representability in this case is more uncertain, since at the time of reporting not all institutions had firm plans for their future activities.

33. The summary of capacity development activities indicates that international and regional organizations carry out extensive capacity development activities, some of which are in specialized subject matters such as electronic waste or biodiversity statistics, which may not have been part of mainstream statistics. The inventory reveals ongoing and increasing partnerships contributing to strengthening environment statistics, both from an institutional and methodological point of view.

34. In addition, the summary also indicated that several thematic and regional gaps of such activities which may be affected, as described above, by underreporting in the present inventory. UNSD plans to further discuss these results at the next EGES meeting and define ways to strengthen future inventories. In addition, it is also planned to compile a similar inventory addressing bilateral (country-to-country) activities.

3.2 Inventory of capacity development activities during 2018 - 2019

3.2.1 Common Market for Eastern and Southern Africa (COMESA)

| | | |
|----------|--|---|
| 1 | Provider institution name Contact person, e-mail, website Event website | Common Market for Eastern and Southern Africa (COMESA) Themba Munalula, tmunalula@comesa.int , https://www.comesa.int/ |
| | Recipient institutions name Contact person, e-mail, website Event website | Egypt, Ethiopia, Madagascar, Zambia, Zimbabwe |
| | Funding mechanism | AfDB-COMESA Statistical Capacity Building Program EU-COMESA Regional Integration Support Program |
| | Description of capacity development activity | Bilateral consultations and national workshops on developing the Framework for the Development of Environment Statistics (FDES). Technical Assistance to countries |
| | Themes | General on FDES, water, waste, biodiversity, land, climate change |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | 2014-2018 |
| | Planned future activities | Ongoing remote assistance (review of compendium and national action plan) |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml |
| | Summary of outcomes of capacity development activity | The aim of the missions and national training workshops was to enhance the technical capacities of key partners in COMESA Member states to take part in the development of the National Statistics System with a strong environmental component to ensure timely reporting for the relevant SDGs and Multilateral Environmental Agreements. As a result of the discussions and the training sessions, several recommendations, commitments and conclusions were drawn which will lead and led to the gradual establishment of an interinstitutional partnership on environment statistics with firm |

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| | commitment to collaborate for specific outputs: including first and second national compendiums on environment statistics, National Action Plan, as well as further capacity building initiatives and projects. |
| Other collaborating institutions, partners, etc. | United Nations Statistics Division |

3.2.2 Eastern Africa Statistical Training Centre (EASTC)

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| 1. | Provider institution name Contact person, e-mail, website Event website | Eastern Africa Statistical Training Centre (EASTC) Dr. Frank Mkumbo (Rector), info@eastc.ac.tz , www.eastc.ac.tz |
| | Recipient institution name Contact person, e-mail, website Event website | Countries from African regions |
| | Funding mechanism | Eastern Africa Statistical Training Centre (EASTC) |
| | Description of capacity development activity | Incorporation of statistical programmes in the review of curriculum |
| | Themes | Environment |
| | Focus of capacity development | Programmes that meet current and future environmental statistical needs established. |
| | Date(s)and location(s) | August –October 2019, Eastern Africa Statistical Training Centre (EASTC) |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics were consulted in the due course of the review. Other sources consulted included the Tanzania Development Vision 2025, National Development plans, Sustainable Development Goals, Pan-African Statistics, Statistical Master Plans, Concepts and Methods of Environment Statistics-Statistics of the Natural Environment – A Technical Report, EAC Compendium of Environment Statistics, Africa Agenda 2063, The System of Environmental-Economic Accounting (SEEA) |
| | Summary of outcomes of capacity development activity | The outcomes of the capacity development activities include the following: <ul style="list-style-type: none"> • Improvement of the capabilities of the user countries to produce and use environmental statistical data that are needed for evidence-based decision making; • Training of personnel involved in the production and use of the environmental statistical information. |

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| Other collaborating institutions, partners, etc. | National Bureau of Statistics, African Development Bank, National Environment Management Council, Tanzania Revenue Authority, Economic and Social Research Foundation, Ministries (Agriculture, Environment, Constitution and Legal Affairs), Tanzania Meteorological Agency, Energy and Water Utility Regulatory Authority. UNSD-Environment Statistics Section |
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3.2.3 Economic Commission for Latin America and the Caribbean (ECLAC), Statistics Division, Environment Statistics Area

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| 1 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/cursos/taller-regional-america-latina-indicadores-energia-ambiente |
| | Recipient institution name Contact person, e-mail, website Event website | Regional |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Workshop on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Guatemala |
| | Themes | SDG indicators 7, 12, 14 and 15 |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Guatemala City, Guatemala 30 Jan – 1 Feb 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FDES, SDG metadata, IRES |
| | Summary of outcomes of capacity development activity | Enhance the national statistical capacities to build new environment SDG indicators with real national data. Main outcomes are: - A set of new national SDG environment indicators fully described in methodological sheets, with their respective historical data series. - A trained inter-institutional technical team in a common conceptual basis on environment statistics (data, basic statistics, indicators, metadata and statistical products), to build, sustain and update the set of environment indicators, and to build new indicators in the future. |

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| | | - A prototype of an inter-institutional committee on Environment Statistics for the country that supports the process of monitoring the environmental pillar of the SDGs, or national relevant environmental issues. |
| | Other collaborating institutions, partners, etc. | UNSD |
| 2 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/sites/default/files/events/files/2018-04-argentina-produccion-indicadores-ambientales.pdf |
| | Recipient institution name Contact person, e-mail, website Event website | Ministerio de Ambiente y Desarrollo Sustentable, Argentina Instituto Nacional de Estadística y Censos de la República Argentina |
| | Funding mechanism | |
| | Description of capacity development activity | Technical Assistance on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Argentina |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Buenos Aires, Argentina 24-27 April 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FDES, SDG metadata |
| | Summary of outcomes of capacity development activity | To develop a first fact-finding and sensitization mission to the country with the following objectives: 1. Evaluate data availability for developing new SDG environment indicators. 2. Create awareness about the need of quality environment statistics for evidence-based policies and for the monitoring of the 2030 Agenda. 3. Impulse inter-institutional coordination |
| | Other collaborating institutions, partners, etc. | Environment Ministry, National Statistics Office. |
| 3 | Provider institution name Contact person, e-mail, website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |

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| | Event website | https://www.cepal.org/es/eventos/seminario-la-situacion-estadisticas-indicadores-ambientales-la-region-bolivia |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistics Office, Bolivia |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Seminar on the situation of environment statistics and indicators in the LAC region and in Bolivia |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | La Paz, Bolivia 23 May 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf SDG metadata |
| | Summary of outcomes of capacity development activity | To develop a first fact-finding and sensitization mission to the country with the following objectives: 1. Evaluate data availability for developing new SDG environment indicators. 2. Create awareness about the need of quality environment statistics for evidence-based policies and for the monitoring of the 2030 Agenda. 3. Impulse inter-institutional coordination |
| | Other collaborating institutions, partners, etc. | National Statistics Office. |
| 4 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/cursos/curso-taller-metodologia-elaborar-dar-continuidad-indicadores-ambientales-ods |

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| | Recipient institution name Contact person, e-mail, website Event website | Ministerio de Ambiente y Energía de Costa Rica (MINAE) Instituto Nacional de Estadística y Censos de Costa Rica (INEC) |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Workshop on Building New SDG Environment Indicators for Improved Monitoring of Sustainable Development in Costa Rica |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Indicators building Inter-institutional mechanism/set up |
| | Date(s) and location(s) | San José, Costa Rica 5-8 June 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FDES, SDG metadata |
| | Summary of outcomes of capacity development activity | Enhance the national statistical capacities to build new environment SDG indicators with real national data. Main outcomes are: - A set of new national SDG environment indicators fully described in methodological sheets, with their respective historical data series. - A trained inter-institutional technical team in a common conceptual basis on environment statistics (data, basic statistics, indicators, metadata and statistical products), to build, sustain and update the set of environment indicators, and to build new indicators in the future. - A prototype of an inter-institutional committee on Environment Statistics for the country that supports the process of monitoring the environmental pillar of the SDGs, or national relevant environmental issues. |
| | Other collaborating institutions, partners, etc. | Environment Ministry, National Statistics Office. |
| 5 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/eventos/segunda-reunion-expertos-estadisticas-indicadores-ambientales-america-latina-caribe |
| | Recipient institution name Contact person, e-mail, website Event website | Ministerio de Ambiente y Desarrollo Sustentable, Argentina |

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| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Technical Assistance on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Argentina |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Buenos Aires, Argentina 30 June 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FDES, SDG metadata |
| | Summary of outcomes of capacity development activity | Follow up and continue work plan established in previous technical assistance on April 2018. |
| | Other collaborating institutions, partners, etc. | Environment Ministry |
| 6 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Ministerio de Ambiente del Gobierno de Panamá Instituto Nacional de Estadística y Censo (INEC) de Panamá |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Technical Assistance on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Panama |
| | Themes | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf |

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| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Panama City, Panama 15-16 October 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FDES, SDG metadata |
| | Summary of outcomes of capacity development activity | Give visibility to the importance of the development of environmental statistics and indicators in Panamá Identify national environmental statistics needs for reports, national, regional and global policies (SDGs among others) Develop a first list of environment indicators (national and / or SDG, or others) to be potentially developed in Panamá. Analysis of statistical viability (relevance and robustness) Design a national work plan / roadmap for strengthening statistical capacities to build and sustain a set of new environment indicators. |
| | Other collaborating institutions, partners, etc. | Environment Ministry, National Statistics Office. |
| 7 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/eventos/taller-regional-introductorio-capacitacion-indicadores-ambientales-ods-centro-america |
| | Recipient institution name Contact person, e-mail, website Event website | Caribbean region, Dominican Republic and Cuba |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Regional introductory training workshop on SDG environmental indicators for Central America, Dominican Republic and Cuba |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Panama City, Panama 17-19 October 2018 |
| | Planned future activities | |

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| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf SDG metadata |
| | Summary of outcomes of capacity development activity | Provide statistical concepts and methodologies to strengthen and develop specialized technical capacities in the production, processing, systematization and dissemination of SDG environmental indicators Discuss about the prioritized statistical topics for the region of Central America + Dominican Republic and Cuba, such as climate change and disasters, biodiversity, natural resources and their use (forest, agriculture, fisheries and aquaculture) in order to develop a National Plan for the development of environment statistics. |
| | Other collaborating institutions, partners, etc. | Environment Ministry of Panamá |
| 8 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/eventos/seminario-la-situacion-estadisticas-indicadores-eventos-extremos-desastres-reduccion-riesgo |
| | Recipient institution name Contact person, e-mail, website Event website | Caribbean region and Dominican Republic |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Seminar: Extreme events, disasters and disaster risk reduction statistics and indicators: regional perspective in the Caribbean and the Dominican Republic |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Santo Domingo, Dominican Republic November 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml |

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| | | https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf SDG/Sendai metadata |
| | Summary of outcomes of capacity development activity | Visibility / socialization of the importance of the development of statistics and indicators of disasters and resilience-preparedness in the Dominican Republic and the Caribbean. Identification of statistics and indicators of disasters (preparedness, occurrence and impact) for national reports, national, regional and global policies. Review the availability of sources and statistical series (and the institutions that produce them) to respond to the needs of public policies and reporting (relevance). Identification and selection of a first list of indicators of disasters (national and / or Sendai, ODS, or others) that can potentially be built the Dominican Republic. Analysis of statistical viability (relevance and robustness) |
| | Other collaborating institutions, partners, etc. | Sectoral ministries (environment, economy, energy, planning), and National Statistics Office, UNISDR. |
| 9 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://comunidades.cepal.org/estadisticas-ambientales/es/grupos/evento/taller-regional-de-capacitacion-en-el-scae-contabilidad-experimental-de-los |
| | Recipient institution name Contact person, e-mail, website Event website | Regional |
| | Funding mechanism | Regular Budget and Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Regional Training Workshop in the SCAE - Experimental Ecosystem Accounting for the countries of Latin America and the Caribbean |
| | Themes | SEEA Experimental Ecosystem Accounting |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | 20-23 November 2018 Río de Janeiro, Brazil |
| | Planned future activities | |
| | Methodological guidance used for capacity development | SEEA |

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| | Summary of outcomes of capacity development activity | Online course on SEEA Experimental Ecosystem Accounting Capacity building workshop Follow up phase for the implementation of Experimental Ecosystem Accounting |
| | Other collaborating institutions, partners, etc. | UNSD, IBGE, UN Environment, EU. |
| 10 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/cursos/curso-taller-metodologia-construir-sostener-indicadores-ambientales-ods-cuba |
| | Recipient institution name Contact person, e-mail, website Event website | Cuba Ministerio de Ciencia, Tecnología y Medio Ambiente (CITMA) Oficina Nacional de Estadísticas e Información (ONEI) |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Workshop on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Cuba |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | La Habana, Cuba 11-15 February 2019 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FDES, SDG metadata |
| | Summary of outcomes of capacity development activity | A set of new SDG indicators. An inter-institutional Environment Statistics committee formed in the country A trained and inter-institutional technical team |
| | Other collaborating institutions, partners, etc. | Environmental Ministry (CITMA) and National Statistics Office (ONEI) |
| 11 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/cursos/taller-estadisticas-indicadores-cambio-climatico-eventos-extremos-desastres-uruguay-hoja-ruta |

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| | Recipient institution name Contact person, e-mail, website Event website | Uruguay |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Technical Assistance on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Uruguay |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | 25 February – 1 March 2019 Montevideo, Uruguay |
| | Planned future activities | Workshop on Building New SDG Environment Indicators |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshhtml https://unstats.un.org/unsd/envstats/fdes/essat.cshhtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshhtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf |
| | Summary of outcomes of capacity development activity | Give visibility to the importance of the development of environmental statistics and indicators Identify national environmental statistics needs for reports, national, regional and global policies (SDGs among others) Develop a first list of environment indicators (national and / or SDG, or others) to be potentially developed. Analysis of statistical viability (relevance and robustness) Design a national work plan / roadmap for strengthening statistical capacities to build and sustain a set of new environment indicators. |
| | Other collaborating institutions, partners, etc. | NSO, Secretaría de Cambio Climático |
| 12 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org https://www.cepal.org/es/eventos/seminario-la-situacion-estadisticas-indicadores-ambientales-ods-la-perspectiva-regional |
| | Recipient institution name Contact person, e-mail, website Event website | Honduras |

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| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Technical Assistance on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Honduras |
| | Themes | SDGs, water resources (water and water pollution), agriculture and food security, biodiversity (forests and marine/coastal ecosystems), reducing risks of disasters |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | 19-22 March 2019 Tegucigalpa, Honduras |
| | Planned future activities | Workshop on Building New SDG Environment Indicators |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf SDG metadata |
| | Summary of outcomes of capacity development activity | Give visibility to the importance of the development of environmental statistics and indicators Identify national environmental statistics needs for reports, national, regional and global policies (SDGs among others) Develop a first list of environment indicators (national and / or SDG, or others) to be potentially developed. Analysis of statistical viability (relevance and robustness) Design a national work plan / roadmap for strengthening statistical capacities to build and sustain a set of new environment indicators. |
| | Other collaborating institutions, partners, etc. | NSO, Ministry of Environment |
| 13 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Paraguay |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Exploratory Technical Assistance on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Paraguay |

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| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | 14-18 October 2019 Asunción, Paraguay |
| | Planned future activities | Workshop on Building New SDG Environment Indicators |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf SDG metadata |
| | Summary of outcomes of capacity development activity | Give visibility to the importance of the development of environmental statistics and indicators Identify national environmental statistics needs for reports, national, regional and global policies (SDGs among others) Develop a first list of environment indicators (national and / or SDG, or others) to be potentially developed. Analysis of statistical viability (relevance and robustness) Design a national work plan / roadmap for strengthening statistical capacities to build and sustain a set of new environment indicators. |
| | Other collaborating institutions, partners, etc. | NSO, Ministry of Environment |
| 14 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Mexico |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Exploratory Technical Assistance on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Mexico |

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| Themes | SDGs |
| Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| Date(s) and location(s) | 9-13 December 2019 Mexico City, Mexico |
| Planned future activities | Workshop on Building New SDG Environment Indicators |
| Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf SDG/Sendai metadata |
| Summary of outcomes of capacity development activity | Give visibility to the importance of the development of environmental statistics and indicators Identify national environmental statistics needs for reports, national, regional and global policies (SDGs among others) Develop a first list of environment indicators (national and / or SDG, or others) to be potentially developed. Analysis of statistical viability (relevance and robustness) Design a national work plan / roadmap for strengthening statistical capacities to build and sustain a set of new environment indicators. |
| Other collaborating institutions, partners, etc. | NSO |

3.2.4 European Environment Agency (EEA): East project

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| 1. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project, with the Slovak Environment Agency; Jana Tafi, Jana.Tafi@eea.europa.eu , https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/18-20-april-2018-in-depth-training-on-the-development-of-the-state-of-environment-reports |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, <i>Elena Kaminskaya</i> ; <i>Елена Каминская</i> < elenak.kaminskaya@gmail.com > <i>Center for Hydrometeorology, Elena Vasilenok, Alena Bahadziazh 'A.bahadziazh@mail.ru'</i> National Statistical Committee of the Republic of Belarus, Katsiaryna Navitskaya, katarinha@tut.by |

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| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of the state of environment report |
| | Themes | Regular production of the UNECE environmental indicators, state of environment report |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 18-20 April 2018, Minsk, Belarus |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, developed the training package |
| | Summary of outcomes of capacity development activity | Regular production of UNECE environmental indicators, harmonised, comparable and available online. Indicator based assessments and state of environment report |
| | Other collaborating institutions, partners, etc. | |
| 2 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project with the Slovak Environment Agency; Jana Tafi, Jana.Tafi@eea.europa.eu , https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/15-17-may-2018-in-depth-training-on-the-development-of-the-state-of-environment-reports-in-belarus18-20-april-2018-in-depth-training-on-the-development-of-the-state-of-environment-reports-in-georgia |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> < Maia.Javakhishvili@mepa.gov.ge > GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com , Vasil Tsakadze < vtsakadze@geostat.ge > |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of the state of environment report |
| | Themes | Regular production of the UNECE environmental indicators, state of environment report |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |

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| | Date(s) and location(s) | 15-17 May 2018, Tbilisi, Georgia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, developed the training package |
| | Summary of outcomes of capacity development activity | Regular production of UNECE environmental indicators, harmonised data sets, comparable and available online. Indicator based assessments and state of environment report |
| | Other collaborating institutions, partners, etc. | |
| 3 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project with the Slovak Environment Agency; Jana Tafi, Jana.Tafi@eea.europa.eu , https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/17-19-june-2018-in-depth-training-on-the-development-of-the-state-of-environment-reports-in-azerbaijan |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Ecology and Natural Resources of Azerbaijan, Faig Mutallimov faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova < renal@azstat.org > |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of the state of environment report |
| | Themes | Regular production of the UNECE environmental indicators, state of environment report |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 17-19 July 2018, Baku, Azerbaijan |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, developed the training package |
| | Summary of outcomes of capacity development activity | Regular production of UNECE environmental indicators, harmonised data sets, comparable and available online. Indicator based assessments and state of environment report |
| | Other collaborating institutions, partners, etc. | |

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| 4 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project with the Slovak Environment Agency; Jana Tafi, Jana.Tafi@eea.europa.eu , https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/2-4-october-in-depth-training-on-the-development-of-the-state-of-environment-reports-in-ukraine |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Energy and Environmental Protection, <i>Valentina Vasilenko</i> (vasilenko@menr.gov.ua) State Statistics Service of Ukraine, O.Prokopenko@ukrstat.gov.ua |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of the state of environment report |
| | Themes | Regular production of the UNECE environmental indicators, state of environment report |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 2-4 October 2018, Kiev, Ukraine |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, developed the training package |
| | Summary of outcomes of capacity development activity | Regular production of UNECE environmental indicators, harmonised data sets, comparable and available online. Indicator based assessments and state of environment report |
| | Other collaborating institutions, partners, etc. | |
| 5 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project with the Slovak Environment Agency; Jana Tafi, Jana.Tafi@eea.europa.eu , https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/2-april-2019-eu-project-funds-in-depth-training-for-environmental-and-statistical-authorities-in-the-republic-of-moldova |

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| | Recipient institution name Contact person, e-mail, website Event website | Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> < s_nicolaescu@mediu.gov.md > National Bureau of Statistics of the Republic of Moldova, Elena Orlov < elena.orlov@statistica.gov.md > |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of the state of environment report |
| | Themes | Regular production of the UNECE environmental indicators, state of environment report |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 2-4 April 2019, Chisinau, Moldova |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, developed the training package |
| | Summary of outcomes of capacity development activity | Regular production of UNECE environmental indicators, harmonised data sets, comparable and available online. Indicator based assessments and state of environment report |
| | Other collaborating institutions, partners, etc. | |
| 6 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project with the Slovak Environment Agency; Jana Tafi, Jana.Tafi@eea.europa.eu , https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/4-june-2019-in-depth-training-for-environmental-and-statistical-authorities-in-armenia |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan < gayane_shahnazaryan@yahoo.com > Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli < nelli@armstat.am > |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |

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| | Description of capacity development activity | Country visit and hands on data for the production of the state of environment report |
| | Themes | Regular production of the UNECE environmental indicators, state of environment report |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 4-6 June 2019, Erevan, Armenia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, developed the training package |
| | Summary of outcomes of capacity development activity | Regular production of UNECE environmental indicators, harmonised data sets, comparable and available online. Indicator based assessments and state of environment report |
| | Other collaborating institutions, partners, etc. | |
| 7 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/06-11-2017-07-12-2017-georgian-and-eu-experts-explore-water-data-management ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/15-01-2018-in-depth-water-data-management-training-by-eni-seis-ii-east ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/june-10-2019-kick-off-meeting-for-the-water-information-system-of-georgia |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakishvili</i> <Maia.Javakishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com , Vasil Tsakadze <vtsakadze@geostat.ge> |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |

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| | Description of capacity development activity | Country visit and hands on data for the production of water indicators |
| | Themes | Building capacity for developing coordinated water information system |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 6-7 November 2017, Tbilisi, Georgia 15-18 January 2018, Tbilisi, Georgia 10-11 June 2019, Tbilisi, Georgia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, EEA/EU WFD |
| | Summary of outcomes of capacity development activity | Water indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 8 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/06-12-2017-07-12-2017-armenia-and-eu-experts-explore-water-data-management ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/26-february-2-march-2018-armenia-in-depth-water-data-management-training ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/13-june-2019-kick-off-meeting-on-the-development-of-the-eco-portal-for-armenia |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan <gayane_shahnazaryan@yahoo.com> Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli <nelli@armstat.am> |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |

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| | Description of capacity development activity | Country visit and hands on data for the production of water indicators |
| | Themes | Building capacity for developing coordinated water information system |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 6-7 December 2017, Erevan, Armenia 26-27 March 2018, Erevan, Armenia 13-14 June 2019, Erevan, Armenia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, EEA/EU WFD |
| | Summary of outcomes of capacity development activity | Water indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 9 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/08-11-2017-09-11-2017-georgia-armenia-and-azerbaijan-working-together-to-preserve-biodiversity |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan <gayane_shahnazaryan@yahoo.com> Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli <nelli@armstat.am> Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> <Maia.Javakhishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com , Vasil Tsakadze <vtsakadze@geostat.ge> Ministry of Ecology and Natural Resources of Azerbaijan, <i>Faig Mutallimov</i> faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova <renal@azstat.org> |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Regional seminar on biological diversity |

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| | Themes | Building capacity to support reporting under the Bern Convention |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 8-9 November, Tbilisi, Georgia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, Bern convention reporting |
| | Summary of outcomes of capacity development activity | Biodiversity indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 10 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/09-01-2018-belarus-and-eu-experts-explore-water-data-management; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/12-16-march-2018-belarus-in-depth-water-data-management-training; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/25-june-2019-discussion-on-the-water-flow-accounts-in-belaru |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, <i>Elena Kaminskaya</i> ; <i>Елена Каминская</i> <elenak.kaminskaya@gmail.com> <i>Center for Hydrometeorology, Elena Vasilenok, Alena Bahadziash 'A.bahadziash@mail.ru'</i> National Statistical Committee of the Republic of Belarus, Ekaterina Poleshchuk <ekapoleshchuk@gmail.com> |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of water indicators |
| | Themes | Building capacity for developing coordinated water accounts |

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| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 9 January 2018, Minsk, Belarus 12-16 March 2018, Minsk, Belarus 25 June 2019, Minsk, Belarus |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA |
| | Summary of outcomes of capacity development activity | Water indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 11 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/12-02-18-16-02-18-azerbaijan-in-depth-water-data-management-training ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/29-may-2019-training-on-water-accounts-in-azerbaijan ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/30-31-may-2019-kick-off-meeting-for-development-of-eco-portal-for-azerbaijan |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Ecology and Natural Resources of Azerbaijan, <i>Faig Mutallimov</i> faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova <renal@azstat.org |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of water indicators |
| | Themes | Building capacity for developing water information system |

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| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 12-16 February 2018, Baku, Azerbaijan 29 May 2019, Baku, Azerbaijan 30-31 May 2019, Baku, Azerbaijan |
| | Planned future activities | |
| | Methodological guidance used for capacity development | EU WFD, UN FDES, UN SEEA |
| | Summary of outcomes of capacity development activity | Water indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 12 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/20-21-february-2018-ukraine-and-eu-experts-explore-water-data-management ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/26-march-2018-ukraine-in-depth-water-data-management-training-by-eni-seis-ii-east |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Energy and Environmental Protection, <i>Valentina Vasilenko (vasilenko@menr.gov.ua)</i> State Statistics Service of Ukraine, O.Prokopenko@ukrstat.gov.ua |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of water indicators |
| | Themes | Building capacity for developing water information system |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |

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| | Date(s) and location(s) | 20-21 February 2018, Kiev, Ukraine 26-30 March 2018, Kiev, Ukraine |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES and UN SEEA, EU WFD |
| | Summary of outcomes of capacity development activity | Water indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 13 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/10-april-2018-republic-of-moldova-and-eu-experts-explore-water-data-management ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/5-7-june-2018-republic-of-moldova-in-depth-water-data-management-training-by-eni-seis-ii-east |
| | Recipient institution name Contact person, e-mail, website Event website | Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> < s_nicolaescu@mediu.gov.md > National Bureau of Statistics of the Republic of Moldova, <i>Elena Orlov</i> < elena.orlov@statistica.gov.md > |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Country visit and hands on data for the production of water indicators |
| | Themes | Building capacity for developing water information system |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 10-12 April 2018, Chisinau, Moldova 5-7 June 2018, Chisinau, Moldova |

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| | Planned future activities | |
| | Methodological guidance used for capacity development | EU WFD, UN FDES, UN SEEA, |
| | Summary of outcomes of capacity development activity | Water indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 14 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/17-18-april-2018-regional-training-workshop-on-reporting-on-the-conservation-status-of-species-and-habitats ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/7-8-november-2018-regional-water-workshop-sharing-knowledge-and-experiences-on-developing-the-indicator-and-indicator-based-assessment ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/23-may-2019-third-training-workshop-on-reporting-on-the-conservation-status-of-species-and-habitats |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan <gayane_shahnazaryan@yahoo.com> Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli <nelli@armstat.am> Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> <Maia.Javakhishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com, Vasil Tsakadze <vtsakadze@geostat.ge> Ministry of Ecology and Natural Resources of Azerbaijan, <i>Faig Mutallimov</i> faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova <renal@azstat.org> Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> <s_nicolaescu@mediu.gov.md> National Bureau of Statistics of the Republic of Moldova, Elena Orlov elena.orlov@statistica.gov.md Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, <i>Elena Kaminskaya; Елена Каминская</i> <elenak.kaminskaya@gmail.com> <i>Center for Hydrometeorology, Alena Bahadziash 'A.bahadziash@mail.ru'</i> National Statistical Committee of the Republic of Belarus, Ekaterina Poleshchuk <ekapoleshchuk@gmail.com> Ministry of Energy and Environmental Protection, <i>Valentina Vasilenko</i> (vasilenko@menr.gov.ua) State Statistics Service of Ukraine, O.Prokopenko@ukrstat.gov.ua |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Regional seminar on reporting on the conservation status of species and habitats |

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| | Themes | Building capacity to support reporting under the Bern Convention |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 17-18 April 2018, EEA, Copenhagen, Denmark 7-8 November 2018, Paris, France 23 May 2019, Paris, France |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES, Bern convention reporting |
| | Summary of outcomes of capacity development activity | Biodiversity indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 15 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Galina H. Georgieva <Galina.Georgieva@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/23-25-april-2018-in-depth-training-on-land-cover-mapping-in-georgia https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/14-june-2019-meeting-on-the-status-and-future-plans-with-corine-land-cover-mapping-team-in-georgia |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan <gayane_shahnazaryan@yahoo.com> Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli <nelli@armstat.am> Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> <Maia.Javakhishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com, Vasil Tsakadze <vtsakadze@geostat.ge> |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Land cover mapping |
| | Themes | Building capacity to support data on land cover and land use production |

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| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 23-25 April 2018, Tbilisi, Georgia 14 June 2019, Tbilisi, Georgia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | EEA CLC methodology, UN FDES and UN SEEA |
| | Summary of outcomes of capacity development activity | Land indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 16 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Galina H. Georgieva <Galina.Georgieva@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/19-21-september-2018-regional-workshop-on-air-quality-monitoring-and-reporting |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan <gayane_shahnazaryan@yahoo.com> Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli <nelli@armstat.am> Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> <Maia.Javakhishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com , Vasil Tsakadze <vtsakadze@geostat.ge> Ministry of Ecology and Natural Resources of Azerbaijan, <i>Faig Mutallimov</i> faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova <renal@azstat.org> Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> <s_nicolaescu@mediu.gov.md> National Bureau of Statistics of the Republic of Moldova, Elena Orlov elena.orlov@statistica.gov.md Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, <i>Elena Kaminskaya; Елена Каминская</i> <elenak.kaminskaya@gmail.com> <i>Center for Hydrometeorology, Elena Vasilenok, Alena Bahadziash 'A.bahadziash@mail.ru'</i> National Statistical Committee of the Republic of Belarus, Ekaterina Poleshchuk <ekapoleschchuk@gmail.com> Ministry of Energy and Environmental Protection, <i>Valentina Vasilenko</i> (vasilenko@menr.gov.ua) State Statistics Service of Ukraine, O.Prokopenko@ukrstat.gov.ua |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |

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| | Description of capacity development activity | Regional seminar on air quality monitoring and reporting |
| | Themes | Building capacity to support reporting on air quality |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 19-21 September 2018, EEA, Copenhagen, Denmark |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES, UN SEEA, EEA on air quality methodology |
| | Summary of outcomes of capacity development activity | Air quality indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 17 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Galina H. Georgieva <Galina.Georgieva@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/20-21-december-2018-in-depth-training-on-land-cover-mapping-in-georgia |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> <Maia.Javakhishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com , Vasil Tsakadze <vtsakadze@geostat.ge> |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Workshop on air quality monitoring and reporting |
| | Themes | Building capacity to support reporting on air quality |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |

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| | Date(s) and location(s) | 20-21 December 2018, Tbilisi, Georgia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | EEA on air quality methodology, UN FDES, UN SEEA |
| | Summary of outcomes of capacity development activity | Air quality indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 18 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Galina H. Georgieva <Galina.Georgieva@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/18-19-december-2018-the-eea-air-quality-team-meets-with-azeri-experts |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Ecology and Natural Resources of Azerbaijan, <i>Faig Mutallimov</i> faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova <renal@azstat.org |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Workshop on air quality monitoring and reporting |
| | Themes | Building capacity to support reporting on air quality |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 18-19 December 2018, Baku, Azerbaijan |
| | Planned future activities | |
| | Methodological guidance used for capacity development | EEA on air quality methodology, UN FDES, UN SEEA |

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| | Summary of outcomes of capacity development activity | Air quality indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 19 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Nihat Zal <Nihat.Zal@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/18-june-2019-belarus-ukraine-and-the-republic-of-moldova-preserving-shared-biodiversity |
| | Recipient institution name Contact person, e-mail, website Event website | Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> < s_nicolaescu@mediu.gov.md > National Bureau of Statistics of the Republic of Moldova, <i>Elena Orlov</i> elena.orlov@statistica.gov.md Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, <i>Elena Kaminskaya</i> ; <i>Елена Каминская</i> < elenak.kaminskaya@gmail.com > <i>Center for Hydrometeorology, Alena Bahadziash</i> ' A.bahadziash@mail.ru ' National Statistical Committee of the Republic of Belarus, <i>Ekaterina Poleshchuk</i> < ekapoleschuk@gmail.com > Ministry of Energy and Environmental Protection, <i>Valentina Vasilenko</i> (vasilenko@menr.gov.ua) State Statistics Service of Ukraine, O.Prokopenko@ukrstat.gov.ua |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Regional seminar on preserving shared biodiversity |
| | Themes | Building capacity to support the conservation of wild flora and fauna and their natural habitats in Belarus |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 18 June 2019, Minsk, Belarus |
| | Planned future activities | |
| | Methodological guidance used for capacity development | UN FDES, UN CBD |

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| | Summary of outcomes of capacity development activity | Biodiversity indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 20 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Galina H. Georgieva <Galina.Georgieva@eea.europa.eu> https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/9-12-july-2019-corine-land-cover-training |
| | Recipient institution name Contact person, e-mail, website Event website | Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> < s_nicolaescu@mediu.gov.md > National Bureau of Statistics of the Republic of Moldova, Elena Orlov elena.orlov@statistica.gov.md |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Land cover mapping |
| | Themes | Building capacity to support data on land cover and land use production |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 9-12 July 2019, Chisinau, Moldova |
| | Planned future activities | |
| | Methodological guidance used for capacity development | EEA CLC methodology, UN FDES and UN SEEA |
| | Summary of outcomes of capacity development activity | Land indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 21 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project Galina H. Georgieva Galina.Georgieva@eea.europa.eu |

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| | | https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/events/project-related-events/ukraine-in-depth-training-on-land-cover-mapping ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/the-second-corine-land-cover-training-was-held-in-kyiv |
| | Recipient institution name Contact person, e-mail, website Event website | |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Land cover mapping |
| | Themes | Building capacity to support data on land cover and land use production |
| | Focus of capacity development | Data management, use and production of indicators, dissemination of information |
| | Date(s) and location(s) | 25-27 September 2018, Kiev, Ukraine 17-19 September 2019, Kiev, Ukraine |
| | Planned future activities | |
| | Methodological guidance used for capacity development | EEA CLC methodology, UN FDES and UN SEEA |
| | Summary of outcomes of capacity development activity | Land indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| | Other collaborating institutions, partners, etc. | |
| 22 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project with CIRAD Jana Tafi Jana.Tafi@eea.europa.eu https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/events/project-related-events/training-on-environmental-accounting-first-cycle https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/17-september-2019-vocational-training-on-environmental-accounting-of-land |

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| Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan <gayane_shahnazaryan@yahoo.com> Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli <nelli@armstat.am> Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> <Maia.Javakhishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com, Vasil Tsakadze <vtsakadze@geostat.ge> Ministry of Ecology and Natural Resources of Azerbaijan, <i>Faig Mutallimov</i> faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova <renal@azstat.org> Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> <s_nicolaescu@mediu.gov.md> National Bureau of Statistics of the Republic of Moldova, Elena Orlov elena.orlov@statistica.gov.md Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, <i>Elena Kaminskaya; Елена Каминская</i> <elenak.kaminskaya@gmail.com> <i>Center for Hydrometeorology, Alena Bahadziash 'A.bahadziash@mail.ru'</i> National Statistical Committee of the Republic of Belarus, Ekaterina Poleshchuk <ekapoleschchuk@gmail.com> Ministry of Energy and Environmental Protection, <i>Valentina Vasilenko</i> (vasilenko@menr.gov.ua) State Statistics Service of Ukraine, O.Prokopenko@ukrstat.gov.ua |
| Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| Description of capacity development activity | Training on environmental accounting of land |
| Themes | Building capacity to produce land cover accounts and land cover change accounts |
| Focus of capacity development | Data management, use and production of land indicators, dissemination of information |
| Date(s) and location(s) | 28-31 August 2017, Montpellier, France 2-6 September 2019, Montpellier, France |
| Planned future activities | |
| Methodological guidance used for capacity development | EEA CLC methodology, EEA LEAC methodology, UN FDES and UN SEEA |
| Summary of outcomes of capacity development activity | Land indicators, harmonised data sets, comparable and available online. Indicator based assessments. |
| Other collaborating institutions, partners, etc. | |

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| 23 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II east project with CIRAD Jana Tafi Jana.Tafi@eea.europa.eu https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/eeacademy-eni-summer-school-on-integrated-environmental-assessment ; https://eni-seis.eionet.europa.eu/east/areas-of-work/communication/newsletter/27-29-august-2019-eeacademy-eni-summer-school-on-integrated-environmental-assessment-towards-integrated-sustainability-assessments |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, Gayane Shahnazaryan <gayane_shahnazaryan@yahoo.com> Statistical Committee of the Republic of Armenia, Bagdhasaryan Nelli <nelli@armstat.am> Ministry of Environment Protection and Agriculture of Georgia, <i>Maia Javakhishvili</i> <Maia.Javakhishvili@mepa.gov.ge> GeoStat, Irakli Balanchivadze iraklii.balanchivadze@gmail.com, Vasil Tsakadze <vtsakadze@geostat.ge> Ministry of Ecology and Natural Resources of Azerbaijan, <i>Faig Mutallimov</i> faig.mutallimov@gmail.com State Statistical Committee of Azerbaijan, Rena Lazimova <renal@azstat.org> Environmental Agency of the Republic of Moldova, <i>Nicolaescu Silvia</i> <s_nicolaescu@mediu.gov.md> National Bureau of Statistics of the Republic of Moldova, Elena Orlov elena.orlov@statistica.gov.md Ministry of Natural Resources and Environmental Protection of the Republic of Belarus, <i>Elena Kaminskaya</i> ; <i>Елена Каминская</i> <elenak.kaminskaya@gmail.com> <i>Center for Hydrometeorology, Alena Bahadziash 'A.bahadziash@mail.ru'</i> National Statistical Committee of the Republic of Belarus, Ekaterina Poleshchuk <ekapoleshchuk@gmail.com> Ministry of Energy and Environmental Protection, <i>Valentina Vasilenko</i> (vasilenko@menr.gov.ua) State Statistics Service of Ukraine, O.Prokopenko@ukrstat.gov.ua |
| | Funding mechanism | EU funded the ENI SEIS project, European Neighbourhood Instrument (ENI) |
| | Description of capacity development activity | Integrated environmental assessment for the state of environment report |
| | Themes | Building capacity to produce environmental data, indicators for environmental assessment with integrative approach |
| | Focus of capacity development | Data use and production of indicators, production of the state of environment reports, dissemination of indicators and reports |
| | Date(s) and location(s) | 28-30 August 2018, EEAcademy ENI Summer School, Copenhagen, Denmark 27-29 August 2019, EEAcademy ENI Summer School, Copenhagen, Denmark |
| | Planned future activities | |

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| | Methodological guidance used for capacity development | UNECE Environmental indicators, EEA indicators, UN FDES, UN SEEA, UN SDGs |
| | Summary of outcomes of capacity development activity | Indicators, harmonised data sets, comparable and available online. Indicator based assessments for integrated environmental assessments with focus on assessing sustainability and SDGs reporting |
| | Other collaborating institutions, partners, etc. | |

3.2.5 European Environment Agency (EEA): South project

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| 1. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices, National Laboratory of the ENI South partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia), Mediterranean Western Balkans (Albania, Bosnia&Herzegovina, Montenegro), Turkey, Mediterranean EU member States (Croatia, Cyprus, Greece, Italy, Malta, Slovenia) https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/2nd-eni-seis-ii-south-support-mechanism-regional-workshop-on-indicators |
| | Funding mechanism | EU funded ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Regional workshop on Environmental Indicators – supporting Barcelona Convention and Euro-Mediterranean process on pollution prevention “Horizon 2020 initiative for a cleaner Mediterranean” |
| | Themes | Water, solid waste and marine litter, industrial emissions |
| | Focus of capacity development | Appropriation of methodological specification for the agreed regional set of H2020 indicators. Organisation of corresponding data flow and QA/QC processes |
| | Date(s) and location(s) | 17-18 April 2018, Athens, Greece |
| | Planned future activities | 3 thematic regional workshops followed this regional indicator workshop, as well as national capacity building activities (Technical assistance missions, study tours) – see below |
| | Methodological guidance used for capacity development | H2020 methodological specification UNEP/MAP implementation guidelines for PRTR |
| | Summary of outcomes of capacity development activity | National production of NAP/H2020 indicators, harmonised data sets |
| | Other collaborating institutions, partners, etc. | Mediterranean Pollution Assessment and Control Programme (MED POL), Plan Bleu, Regional Activity centre for Information and Communication (Info/RAC) European Topic Centre on Inland, Coastal, Marine Water / Deltares Environment Agency Austria Centre for Environment and Development for the Arab Regional and Europe (CEDARE) Mediterranean Information Office for Environment, Culture and sustainable Development (MIO-ECSDE) |

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| 2. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices, National Laboratory of the ENI South partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia), Mediterranean Western Balkans (Albania, Bosnia&Herzegovina, Montenegro), Turkey, Mediterranean EU member States https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/regional-meeting-on-reporting-of-releases-to-marine-and-coastal-environment-from-land-based-sources-and-activities-and-related-indicators |
| | Funding mechanism | EU funded ENI SEIS II South Support Mechanism / MEDPOL |
| | Description of capacity development activity | Regional workshop on Reporting of Releases to Marine and Coastal Environment from Land-Based Sources and Activities and Related Indicators |
| | Themes | Industrial emissions |
| | Focus of capacity development | Data collection and application of national emissions factors; Appropriation of methodological specification for H2020 Industrial emissions indicators cluster; Use of MEDPOL PRTR implementation guidelines |
| | Date(s) and location(s) | 19-20 March 2019, Tirana, Albania |
| | Planned future activities | TA missions |
| | Methodological guidance used for capacity development | H2020 methodological specification UNEP/MAP implementation guidelines for PRTR UNEP/MAP methodology for developing and applying Emissions factors Guide on Selection of best Available Technique (BAT) in industrial installations |
| | Summary of outcomes of capacity development activity | Reporting of NBB/PRTR, Production of NAP/H2020 indicators, harmonised data sets. |
| | Other collaborating institutions, partners, etc. | Mediterranean Pollution Assessment and Control Programme (MED POL), Plan Bleu, Regional Activity centre for Information and Communication (Info/RAC) United Nations Economic Commission for Europe Environment Agency Austria |

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| 3. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices, National Laboratory of the ENI South partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia), Mediterranean Western Balkans (Albania, Bosnia & Herzegovina, Montenegro), Turkey, Mediterranean EU member States https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/eni-seis-ii-south-regional-meeting-on-waste-and-marine-litter-and-un-environment-map-ecosystem-approach-correspondence-group-on-pollution-and-marine-litter |
| | Funding mechanism | EU funded ENI SEIS II South Support Mechanism / MEDPOL |
| | Description of capacity development activity | Regional workshop on waste and Marine Litter and UN environment /MAP Ecosystem Approach Correspondence Group on Pollution and Marine Litter |
| | Themes | Solid waste and marine litter |
| | Focus of capacity development | Monitoring and data collection; Appropriation of methodological specification for H2020 waste and Marine Litter indicators cluster; preparation of the related waste thematic assessment. |
| | Date(s) and location(s) | 4-5 April 2019, Podgorica, Montenegro |
| | Planned future activities | TA missions |
| | Methodological guidance used for capacity development | H2020 methodological specification, IMAP Marine Litter specification Data Dictionaries and standards for IMAP Common Indicator on Marine Litter |
| | Summary of outcomes of capacity development activity | Reporting of Marine Litter and solid waste data, Production of NAP/H2020 and IMAP related indicators, harmonised data sets. |
| | Other collaborating institutions, partners, etc. | Mediterranean Pollution Assessment and Control Programme (MED POL), Regional Activity centre for Information and Communication (Info/RAC) European Topic Centre on Inland, Coastal, Marine Water / Deltares ACCOBAMS European Marine Observation and Data Network (EMODNET) University of Malaga University of Siena |

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| | | UNEP-WCMC Mediterranean Information Office for Environment, Culture and sustainable Development (MIO-ECSDE) Mohammed VI Foundation for Environmental Protection |
| 4. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices of the ENI South partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia), Mediterranean Western Balkans (Albania, Bosnia&Herzegovina, Montenegro), Turkey, Mediterranean EU member States https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/enis-regional-water-workshop |
| | Funding mechanism | EU funded ENI SEIS II South Support Mechanism / MEDPOL |
| | Description of capacity development activity | Regional workshop on Water |
| | Themes | Water |
| | Focus of capacity development | Monitoring and data collection; Appropriation of methodological specification for H2020 water indicators cluster; preparation of the related water thematic assessment. |
| | Date(s) and location(s) | 9-10 July 2019, Marseille, France |
| | Planned future activities | TA missions |
| | Methodological guidance used for capacity development | H2020 methodological specification IRWS, SEEA-Water SDG |
| | Summary of outcomes of capacity development activity | Reporting of water related data, Production of NAP/H2020 and IMAP related indicators, harmonised data sets. |
| | Other collaborating institutions, partners, etc. | Mediterranean Pollution Assessment and Control Programme (MED POL), Plan Bleu, Regional Activity centre for Information and Communication (Info/RAC) European Topic Centre on Inland, Coastal, Marine Water / Deltares Mediterranean Information Office for Environment, Culture and sustainable Development (MIO-ECSDE) UfM Secretariat |

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| | | EMWIS |
| 5. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices of the ENI South partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia), Mediterranean Western Balkans (Albania, Bosnia&Herzegovina, Montenegro), Turkey, Mediterranean EU member States https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/10th-meeting-of-the-horizon-2020-review-and-monitoring-group |
| | Funding mechanism | EU funded Water and Environment Project (WES) |
| | Description of capacity development activity | Regional workshop on Environmental Assessment – informing Euro-Mediterranean process Horizon 2020 for a cleaner Mediterranean |
| | Themes | Environmental pressures – water, waste, industrial emissions |
| | Focus of capacity development | Thematic assessment and integrated environmental assessment |
| | Date(s) and location(s) | 23-24 September 2019, Athens, Greece |
| | Planned future activities | TA missions |
| | Methodological guidance used for capacity development | H2020 methodological specification, H2020 indicator-based assessment outline DPSIR |
| | Summary of outcomes of capacity development activity | Production of NAP/H2020 assessment factsheets, H2020 thematic assessment. |
| | Other collaborating institutions, partners, etc. | Mediterranean Pollution Assessment and Control Programme (MED POL), Plan Bleu, Regional Activity centre for Information and Communication (Info/RAC) European Topic Centre on Inland, Coastal, Marine Water / Deltas Mediterranean Information Office for Environment, Culture and sustainable Development (MIO-ECSD) E UfM Secretariat EMWIS Environment Agency Austria |

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| | | Centre for Environment and Development for the Arab Regional and Europe (CEDARE) |
| 6. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices of the ENI South partner countries (Algeria, Egypt, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia) https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/10th-meeting-of-the-horizon-2020-review-and-monitoring-group |
| | Funding mechanism | UNSD, UN-ESCWA, UNEP, EU funded ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Workshop on Environment Statistics and Information for Sustainable Development in the Arab Region |
| | Themes | Waste, Water statistics, Climate change |
| | Focus of capacity development | Implementation of FDES 2013; training ENI SEIS / Horizon 2020 priorities, environmentally-related SDG indicators and climate change statistics |
| | Date(s) and location(s) | 12-16 November 2018, Beirut, Lebanon |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FDES 2013; SEEA-CF, SEEA-Water H2020 methodological specification |
| | Summary of outcomes of capacity development activity | Harmonised and comparable data sets |
| | Other collaborating institutions, partners, etc. | European Topic Centre on Inland, Coastal, Marine Water / Deltares EMWIS Environment Agency Austria |
| 7. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu |

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| | | https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministère de l'environnement et des énergies renouvelables, Office National des statistiques – Algérie https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/country-visit-to-algeria |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Country Visit |
| | Themes | Environmental indicator and assessment |
| | Focus of capacity development | Building capacity of Algeria MoE, NSO and national experts on H2020 indicators and thematic assessments – focus on data exchanges, inter-institutional coordination, data reporting. Workshop type. |
| | Date(s) and location(s) | 14-15 May 2019, Algiers, Algeria |
| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Strengthened inter-institutional cooperation, production of H2020 data flows, indicators. |
| | Other collaborating institutions, partners, etc. | EU Delegation |
| 8. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Israel Ministry of Environmental Protection, Israel Central Bureau of Statistics – Israel https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/country-visit-to-israel |

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| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Country Visit |
| | Themes | Environmental indicator and assessment |
| | Focus of capacity development | Building capacity of MoE, NSO and national experts on H2020 indicators and thematic assessments – focus on data exchanges, inter-institutional coordination, data reporting. Workshop type. |
| | Date(s) and location(s) | 7-9 March 2019, Jerusalem, Israel |
| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Strengthened inter-institutional cooperation, production of H2020 data flows, indicators. |
| | Other collaborating institutions, partners, etc. | EU Delegation |
| 9. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Jordan Ministry of Environment, Department of Statistics Jordan https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/country-visit-to-jordan |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Country Visit |
| | Themes | Environmental indicator and assessment |

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| | Focus of capacity development | Building capacity of MoE, NSO and national experts on H2020 indicators and thematic assessments – focus on data exchanges, inter-institutional coordination, data reporting. Workshop type. |
| | Date(s) and location(s) | 14-15 May 2019, Amman, Jordan |
| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Strengthened inter-institutional cooperation, production of H2020 data flows, indicators. |
| | Other collaborating institutions, partners, etc. | EU Delegation |
| 10. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Palestine Environment Quality Authority, Palestine Central Bureau of Statistics, https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/country-visit-to-palestine |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Country Visit |
| | Themes | Environmental indicator and assessment |
| | Focus of capacity development | Building capacity of MoE, NSO and national experts on H2020 indicators and thematic assessments – focus on data exchanges, inter-institutional coordination, data reporting. Workshop type. |
| | Date(s) and location(s) | 2-3 September 2019, Ramallah, Palestine |

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| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Strengthened inter-institutional cooperation, production of H2020 data flows, indicators. |
| | Other collaborating institutions, partners, etc. | EU Delegation |
| 11. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | National Environment Protection Agency and National Statistical Institute https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/country-visit-to-tunsia-seis-national-workshop |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Country Visit |
| | Themes | Environmental indicator and assessment |
| | Focus of capacity development | Building capacity of MoE, NSO and national experts on H2020 indicators and thematic assessments – focus on data exchanges, inter-institutional coordination, data reporting. Workshop type. |
| | Date(s) and location(s) | 30 April 2019, Tunis, Tunisia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Strengthened inter-institutional cooperation, production of H2020 data flows, indicators. |

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| | Other collaborating institutions, partners, etc. | EU Delegation |
| 12. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Libya Environment Quality Authority https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/workshop-identification-of-libyan-priority-indicators-to-assess-the-state-of-marine-environment |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Workshop |
| | Themes | Identify Libyan priority indicators to assess the state of marine environment |
| | Focus of capacity development | Capacity development focused on principals of integrated environmental assessment, DPSIR framework, Causal Chain Analysis, overview of regional and national coastal and marine issues, indicators development and H2020/SEIS indicators. |
| | Date(s) and location(s) | 11-12 September 2018, Alexandria, Egypt |
| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Proposed structure of the Libya state of the coastal and marine environment report |
| | Other collaborating institutions, partners, etc. | EU Delegation CEDARE UBA-Vienna Egypt Environment Affairs Agency |
| 13. | Provider institution name Contact person, e-mail, website Event website | Environment Agency Austria Ms. Sabah Nait Sabah.Nait@umweltbundesamt.at https://eni-seis.eionet.europa.eu/south |

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| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment and Department of Statistics of Jordan https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/study-tour-on-industrial-waste-water-monitoring-and-statistics |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Study Tour |
| | Themes | Monitoring, production and collection of data on industrial wastewater |
| | Focus of capacity development | Study monitoring, data collection and production of statistics, Learn and exchange ideas about the legal framework, implementation and enforcement practices in Jordan and Austria; Identify data availability and statistics to fulfil national and international reporting obligations on wastewater. |
| | Date(s) and location(s) | 16-20 July 2018, Vienna, Austria |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Exchange of experiences |
| | Summary of outcomes of capacity development activity | Set of recommendations. |
| | Other collaborating institutions, partners, etc. | City of Vienna |
| 14. | Provider institution name Contact person, e-mail, website Event website | Environment Agency Austria Ms. Sabah Nait Sabah.Nait@umweltbundesamt.at https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Israeli Ministry of Environmental Protection and Central Bureau of Statistics https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/8-11-october-2018-2013-vienna-austria-2013-eni-seis-ii-south-support-mechanism-study-tour-to-waste-treatment-facilities-on-waste-monitoring |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Study Tour |

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| | Themes | Waste management monitoring |
| | Focus of capacity development | Visit waste incineration and treatment plants (compost, mechanical biological treatment, etc.), Discuss and exchange experiences with Austrian experts in the field of monitoring, data collection and production of waste data and statistics, Exchange experiences in the field of data validation prior to generation of statistics and reports, Learn about the legal framework (in relation to data collection) and discuss implementation practices in Israel and Austria. |
| | Date(s) and location(s) | 8-10 October 2018, Vienna, Austria |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Exchange of experiences |
| | Summary of outcomes of capacity development activity | Set of recommendations. |
| | Other collaborating institutions, partners, etc. | City of Vienna |
| 15. | Provider institution name Contact person, e-mail, website Event website | Environment Agency Austria Ms. Sabah Nait Sabah.Nait@umweltbundesamt.at https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Tunisian Observatory (on Environment and Sustainable Development OTEDD) and Waste Agency https://eni-seis.eionet.europa.eu/south/communication/events/project-related-events/tunisian-delegation-on-study-tour-on-pollution-release-and-transfer-register-in-austria |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Study Tour |
| | Themes | Pollutant Release and Transfer Register (PRTR) |
| | Focus of capacity development | Implementation of PRTR |
| | Date(s) and location(s) | 28-31 January 2019, Vienna, Austria |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Exchange of experiences |

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| | Summary of outcomes of capacity development activity | Set of recommendations. |
| | Other collaborating institutions, partners, etc. | City of Vienna |
| 16. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministère délégué chargé de l'Environnement (DE) – Morocco |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Technical assistance mission |
| | Themes | Data production, Thematic assessment |
| | Focus of capacity development | Support to the production of H2020 indicator factsheets with national experts, with a focus on data availability and data quality issues and thematic assessment (mainly on waste and Industrial emissions). |
| | Date(s) and location(s) | 7-8 March 2019, Rabbat, Morocco |
| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Structure of National H2020 Assessment |
| | Other collaborating institutions, partners, etc. | EU Delegation UBA-Vienna |
| 17. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Jordan Ministry of Environment Algeria Ministry of Environment |

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| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Technical assistance mission Industrial emissions |
| | Themes | Data production, Thematic assessment |
| | Focus of capacity development | Support to the production of H2020 indicator factsheets with national experts, with a focus on data availability and data quality issues and thematic assessment (Industrial emissions). |
| | Date(s) and location(s) | September 2019 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| | Summary of outcomes of capacity development activity | Structure of National H2020 Assessment |
| | Other collaborating institutions, partners, etc. | EU Delegation |
| 18. | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Egypt Environment Affairs Agency |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Technical assistance mission Waste and Marine Litter |
| | Themes | Data production, Thematic assessment |
| | Focus of capacity development | Support to the production of H2020 indicator factsheets with national experts, with a focus on data availability and data quality issues and thematic assessment (Waste and Marine Litter). |
| | Date(s) and location(s) | September 2019 |

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| Planned future activities | |
| Methodological guidance used for capacity development | H2020 indicator methodological specifications |
| Summary of outcomes of capacity development activity | Structure of National H2020 Assessment |
| Other collaborating institutions, partners, etc. | EU Delegation |

3.2.6 EUROSTAT

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| Provider institution name Contact person, e-mail, website Event website | Eurostat, European Commission Arturo de la Fuente (Arturo.de-la-fuente@ec.europa.eu) |
| Recipient institution name Contact person, e-mail, website Event website | National Statistical Offices of the European Union. Participants from 3 rd parties are welcome if vacancies available |
| Funding mechanism | Eurostat finances the training. There is no training fee for participants. Participants must however pay their travel and accommodation expenses |
| Description of capacity development activity | <p>Eurostat provides a range of environmental statistics training courses under the European Statistical Training Programme (ESTP).</p> <p>Environmental statistics and environmental accounts courses that took place in 2019-2019 are:</p> <ul style="list-style-type: none"> • SEEA Ecosystem accounts (3 days, October 2019, London) • Monetary environmental accounts (3 days, October 2019, Luxembourg) • Economy-wide material flow accounts (2 days, September 2019, Vienna) • Air emission accounts (2 days, May 2019, Vienna) • Waste statistics (3 days, December 2018, Vienna) • Indicator systems (SDGs etc.) (Neuchâtel, 14-16/November 2018) • Monetary environmental accounts (3 days, September 2018, Vienna) • SEEA Ecosystem accounts (2 days, June 2018, Luxembourg) • Water statistics and accounts (3 days, May 2018, Oslo) <p>• Other relevant courses for producers of environmental statistics may be: Advanced course on quality reporting, SDMX standard for data and metadata exchange</p> |

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| | Material from past courses is available here . |
| Themes | Many. See 2019 ESTP catalogue: https://ec.europa.eu/eurostat/documents/747709/6103606/2019-ESTP-catalogue-final.pdf |
| Focus of capacity development | |
| Date(s) and location(s) | Many. See 2019 ESTP catalogue: https://ec.europa.eu/eurostat/documents/747709/6103606/2019-ESTP-catalogue-final.pdf |
| Planned future activities | Many. See 2019 ESTP catalogue: https://ec.europa.eu/eurostat/documents/747709/6103606/2019-ESTP-catalogue-final.pdf The 2020 ESTP catalogue is not available yet. |
| Methodological guidance used for capacity development | Eurostat methodologies available here: https://ec.europa.eu/eurostat/web/environment/methodology Material from past courses is available here |
| Summary of outcomes of capacity development activity | Material from past courses is available here |
| Other collaborating institutions, partners, etc. | The ESTP is an initiative of the European statistical system. The programme is coordinated by Eurostat. |

3.2.7 Food and Agriculture Organization of the United Nations (FAO), Land and Water Division

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| 1 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme Mr. Jippe Hoogeveen & Ms. Virginie Gillet, jippe.hoogeveen@fao.org , virginie.gillet@fao.org , http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | <ul style="list-style-type: none"> 1st pilot workshop: AQUASTAT National Correspondents from Armenia, Azerbaijan, Brazil, China, Croatia, Egypt, Hungary, Italy, Jordan, Malaysia, Saudi Arabia 2nd workshop: AQUASTAT National Correspondents from Bahrain, Canada, Indonesia, Jamaica, Kenya, Lao PDR, Mongolia, Palestine, Slovenia, South Sudan, Sri Lanka, Tajikistan, Viet Nam, Uganda, Tanzania |
| | Funding mechanism | FAO through LoA with IAM-Bari |
| | Description of capacity development activity | 3-day workshops |

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| | Themes | AQUASTAT Programme, new update methodology, annual questionnaire, SDG 6.4 indicators |
| | Focus of capacity development | Data collection, compilation of questionnaire, metadata, validation Data dissemination through the AQUASTAT database Computation of the SDG indicators 6.4.1 and 6.4.2 AQUASTAT National Correspondent network creation and strengthening |
| | Date(s) and location(s) | 26-28 June 2018 – Bari, Italy 4-6 December 2018 – Bari, Italy |
| | Planned future activities | |
| | Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf |
| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Launch of the AQUASTAT network of National Correspondents • Development of capacity and strengthening of motivations of the National Correspondents • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the questionnaire, the variables and the procedures to improve the data collection process |
| | Other collaborating institutions, partners, etc. | OECD, Eurostat, IWMI and UNSD have participated/attended to the 1 st workshop. IAM-Bari to both workshops |
| 2 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | AQUASTAT National Correspondents from Angola, Botswana, Eswatini, Lesotho, Malawi, Mozambique, Namibia, Zambia, Zimbabwe and SDG 6.4 contact persons (water experts, statisticians) |
| | Funding mechanism | FAO OCS & CBL & GEMI |
| | Description of capacity development activity | 3-day workshop |

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| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 2-4 April 2019 – Gaborone, Botswana |
| | Planned future activities | National Road Map Workshop to create the institutional settings for SDG data collection |
| | Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf SDG 6.4.1 Change in water-use efficiency over time (e-learning course): https://elearning.fao.org/course/view.php?id=475 SDG 6.4.2 Level of water stress: https://elearning.fao.org/course/view.php?id=365 |
| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the data requirement, collection and management • Analysis of the institutional setting at country level and definition of the related national road map |
| | Other collaborating institutions, partners, etc. | Botswana Statistics |
| 3 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |

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| Recipient institution name Contact person, e-mail, website Event website | AQUASTAT National Correspondents from Burundi, Djibouti, Eritrea, Ethiopia, Kenya, Rwanda, Somalia, South Sudan and Uganda and SDG 6.4 contact persons (water experts, statisticians) |
| Funding mechanism | FAO Sub-regional Office for Eastern Africa & OCS |
| Description of capacity development activity | 4-day workshop |
| Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| Date(s) and location(s) | 15-18 October 2019 – Addis Ababa, Ethiopia |
| Planned future activities | National Road Map Workshops to create the institutional settings for SDG data collection, in some cases national SDG 6.4 specific trainings (remotely). |
| Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf SDG 6.4.1 Change in water-use efficiency over time (e-learning course): https://elearning.fao.org/course/view.php?id=475 SDG 6.4.2 Level of water stress: https://elearning.fao.org/course/view.php?id=365 |
| Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the data requirement, collection and management • Analysis of the institutional setting at country level and definition of the related national road map |
| Other collaborating institutions, partners, etc. | IGAD, IWMI, UNSD |

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| 4 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | AQUASTAT National Correspondents from Afghanistan, Armenia, Azerbaijan, Kazakhstan, Kyrgyzstan, Russian Federation, Tajikistan, Turkmenistan, Uzbekistan and SDG 6.4 contact persons (water experts, statisticians) |
| | Funding mechanism | Russian Federation Federal State Statistics Service through ESCAP and FAO OCS |
| | Description of capacity development activity | 3-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 8-10 October 2019 – Almaty, Kazakhstan |
| | Planned future activities | National Road Map Workshop to create the institutional settings for SDG data collection |
| | Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf SDG 6.4.1 Change in water-use efficiency over time (e-learning course): https://elearning.fao.org/course/view.php?id=475 SDG 6.4.2 Level of water stress: https://elearning.fao.org/course/view.php?id=365 |
| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection |

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| | | <ul style="list-style-type: none"> • Discussion around the data requirement, collection and management • Analysis of the institutional setting at country level and definition |
| | Other collaborating institutions, partners, etc. | ROSSTAT, ESCAP |
| 5 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | Argentina, Bolivia, Brazil, Colombia, Chile, Ecuador, Paraguay, Peru, Uruguay and Venezuela – contact persons responsible for calculating the SDG 6.4 indicators. |
| | Funding mechanism | FAO RLC & OCS |
| | Description of capacity development activity | 2-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 6-7 September 2018 – Montevideo, Uruguay |
| | Planned future activities | |
| | Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf |

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| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the data requirement, collection and management |
| | Other collaborating institutions, partners, etc. | |
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| 6 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | NSO and other institutions relevant for the monitoring of SDG 6.4.1 and 6.4.2 |
| | Funding mechanism | FAO TCP & GEMI |
| | Description of capacity development activity | 2-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 4-5 December 2018 – Baku, Azerbaijan |
| | Planned future activities | |
| | Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): |

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| | | http://www.fao.org/3/ca5400en/ca5400en.pdf SDG 6.4.1 Change in water-use efficiency over time (e-learning course): https://elearning.fao.org/course/view.php?id=475 SDG 6.4.2 Level of water stress: https://elearning.fao.org/course/view.php?id=365 |
| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the data requirement, collection and management |
| | Other collaborating institutions, partners, etc. | NSO |
| 7 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | NSO and other institutions relevant for the monitoring of SDG 6.4.1 and 6.4.2 |
| | Funding mechanism | FAO OCS |
| | Description of capacity development activity | 2-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 22-23 November 2018 – Abidjan, Cote d'Ivoire |
| | Planned future activities | |
| | Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ |

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| | | http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf |
| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the data requirement, collection and management • Analysis of the institutional setting at country level and definition of the related national road map |
| | Other collaborating institutions, partners, etc. | |
| 8 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | NSO and other institutions relevant for the monitoring of SDG 6.4.1 and 6.4.2 |
| | Funding mechanism | TCP |
| | Description of capacity development activity | 2-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 10-11 July 2019 – Yerevan, Armenia |
| | Planned future activities | |
| | Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ |

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| | | SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf |
| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the data requirement, collection and management • Analysis of the institutional setting at country level and definition of the related national road map |
| | Other collaborating institutions, partners, etc. | MoA |
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| 9 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani, Ms. Virginie Gillet, Lucie Chocholata, riccardo.biancalani@fao.org , virginie.gillet@fao.org , lucie.chocholata@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | NSO and other institutions relevant for the monitoring of SDG 6.4.1 and 6.4.2 |
| | Funding mechanism | FAO OCS & GEMI |
| | Description of capacity development activity | 3-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 10-11 September 2018 – Mexico City, Mexico |
| | Planned future activities | |

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| Methodological guidance used for capacity development | AQUASTAT methodology guidelines and questionnaire: http://www.fao.org/aquastat/en/overview/methodology/ SDG metadata and step-by-step methodology: http://www.fao.org/sustainable-development-goals/indicators/641/en/ http://www.fao.org/sustainable-development-goals/indicators/642/en/ Incorporating environmental flows into “water stress” indicator 6.4.2: http://www.fao.org/sustainable-development-goals/indicators/642/en/ Change in water-use efficiency over time (SDG indicator 6.4.1): http://www.fao.org/3/ca5400en/ca5400en.pdf |
| Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Development of capacity and strengthening of the AQUASTAT National Correspondents • SDG 6.4 related capacity development including interpretative lines • Revision of the data already collected and provision of new inputs for further data collection • Discussion around the data requirement, collection and management • Analysis of the institutional setting at country level and definition of the related national road map |
| Other collaborating institutions, partners, etc. | MoA |

3.2.8 Food and Agriculture Organization of the United Nations (FAO), Global Forest Resources Assessment

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| 1 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Remote Sensing survey Capacity development workshop in Zimbabwe |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | Africa |
| | Location | Harare, Zimbabwe |

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| | Start date | 10 October 2018 |
| | End date | 18 October 2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | Training completed successfully. It involved 12 participants from Zimbabwe. An important component of this training is to assist the country to generate better information about forest resources using new tools and freely available satellite images. The expected output of the capacity development activities was the generation of up to date data on forest area and changes and maps through the technology transfer and training in the use of modern methodologies and tools for forest monitoring through satellite imagery. |
| | Other collaborating institutions, partners, etc. | |
| 2 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Technical meeting of national correspondents and CFRQ partners - Global Forest Resources Assessment (FRA) 2020 Global meeting |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Global |
| | Location | Toluca, Mexico |
| | Start date | 5/3/2018 |
| | End date | 9/3/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |

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| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The aim of the technical meeting was to officially launch the FRA 2020 Reporting process; Provide information and knowledge to National Correspondents on the FRA 2020 process and country reporting, including the Remote Sensing component; Provide information and knowledge to National Correspondents on the Sustainable Development Goal indicators reporting and on how this work links to the FRA process; Provide opportunity for National Correspondents to familiarize with the new FRA online reporting, review and analysis platform; Provide a unique opportunity for National Correspondents for networking and for exchanging experiences in the field of forest monitoring, assessment and reporting and reinforce the National Correspondents network; Identify country needs and plan regional workshops and other development plan activities to support implementation of FRA 2020. The meeting involved 164 participants of which 13% women. |
| | Other collaborating institutions, partners, etc. | |
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| 3 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme, voluntary contribution from the European Commission, UNECE and Forest Europe |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Regional workshop for Europe, the Caucasus and Central Asia |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Asia, Europe |
| | Location | Geneva, Switzerland |
| | Start date | 18/04/2018 |
| | End date | 20/04/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |

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| | Summary of outcomes of capacity development activities | Following the launch of the FRA 2020 reporting process, the FRA team organized nine regional/subregional workshops between April and October 2018. The main objective of this workshop was to provide technical support for the National Correspondents in their work of reporting to FRA 2020. The training successfully completed involved 46 participants, from 29 countries plus UNECE and Forest Europe, of which 15% women. |
| | Other collaborating institutions, partners, etc. | |
| 4 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme, voluntary contribution from the European Commission and Japan Government |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional workshop for East and South East Asia |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Asia |
| | Location | Tokyo, Japan |
| | Start date | 25/06/2018 |
| | End date | 29/06/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The main objective of this workshop was to provide technical support for the National Correspondents in their work of reporting to FRA 2020. The training successfully completed involved 27 participants, from 14 countries, of which 11% women. |
| | Other collaborating institutions, partners, etc. | |

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| 5 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional workshop of South and Central Asia |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Asia |
| | Location | Dehradun, India |
| | Start date | 24/07/2018 |
| | End date | 27/07/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The main objective of this workshop was to provide technical support for the National Correspondents in their work of reporting to FRA 2020. The workshop in India was organized with the support of the Forest Survey India and it provided technical assistance for the compilation of the FRA 2020 Country reports to countries from South and Central Asia. The workshop successfully completed involved 26 participants, from 6 countries, of which 8% women. |
| | Other collaborating institutions, partners, etc. | |
| 6 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |

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| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Regional workshop for Latin America and the Caribbean |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | LAC |
| | Location | Panama City, Panama |
| | Start date | 07/08/2018 |
| | End date | 09/08/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The workshop in Panama provided technical assistance for the compilation of their FRA 2020 Country reports to countries from Latin America and the Caribbean, it involved 25 participants, from 19 countries, of which 36% women. |
| | Other collaborating institutions, partners, etc. | |
| 7 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional workshop of Latin America and Caribbean |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | LAC |
| | Location | Bridgetown, Barbados |

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| | Start date | 21/08/2018 |
| | End date | 26/08/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The workshop in Barbados provided technical assistance for the compilation of their FRA 2020 Country reports to countries from the Caribbean region. The workshop involved 18 participants, from 13 countries, of which 44% women. |
| | Other collaborating institutions, partners, etc. | |
| 8 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional Remote Sensing workshop of Latin America and Caribbean |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | LAC |
| | Location | Bridgetown, Barbados |
| | Start date | 27/08/2018 |
| | End date | 31/08/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/)) |

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| | Summary of outcomes of capacity development activities | The purpose of the workshop was to carry out the Sub-regional FRA RSS 2020. During this exercise the participants were trained in physics of remote sensing, photo-interpretation theory and general description at landscape scale regarding the FRA class definitions of land use. The training successfully completed involved 18 participants, from 13 countries, of which 44% women. |
| | Other collaborating institutions, partners, etc. | |
| 9 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional workshop for French speaking countries-Africa |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Africa |
| | Location | Libreville, Gabon |
| | Start date | 03/09/2018 |
| | End date | 06/09/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The workshop in Gabon provided technical assistance for the compilation of their FRA 2020 Country reports to countries from Francophone Africa. The workshop involved 28 participants, from 20 countries, of which 7% women. |
| | Other collaborating institutions, partners, etc. | |

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| 10 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional workshop for the Near East countries |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Near-East |
| | Location | Beirut, Lebanon |
| | Start date | 12/09/2018 |
| | End date | 14/09/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The overall goal of the workshop was to contribute to the improvement of the quality and consistency of the reported data, to ensure that the best possible data and information were provided, in terms of completeness, consistency and transparency. The workshop focused on the contents of the FRA 2020 country reports. The workshop gave the opportunity to National Correspondents to present the status of their country reports, review their draft country reports together with FRA-FAO team, explain their difficulties (technical, organisational, etc) and benefit from the sharing of experiences with other colleagues from the same sub-region and partner organizations. The workshop also provided the opportunity to address country specific problems encountered while compiling the country report. The workshop involved 17 participants, from 10 countries, of which 17% women. |
| | Other collaborating institutions, partners, etc. | |
| 11 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |

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| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional workshop of the Anglophone Africa |
| | Themes | FRA 2020 |
| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Africa |
| | Location | Dar es Salaam, Tanzania |
| | Start date | 18/09/2018 |
| | End date | 20/09/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The workshop in Tanzania provided technical assistance for the compilation of their FRA 2020 Country reports. The workshop involved 32 participants, from 21 countries, of which 3% women. |
| | Other collaborating institutions, partners, etc. | |
| 12 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme, voluntary contribution from the European Commission and Australia and New Zealand Government |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Regional workshop for the Pacific |
| | Themes | FRA 2020 |

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| | Focus of capacity development | Training on the use of FRA reporting Platform and methodology as well as data collection for FRA 2020 reporting |
| | Continent | Pacific |
| | Location | Fiji |
| | Start date | 04/12/2018 |
| | End date | 07/12/2018 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf) |
| | Summary of outcomes of capacity development activities | The workshop in Fiji was organized with partial financial support of Australia and New Zealand and logistical and administrative support of the Pacific Community. The workshop provided technical assistance for the compilation of the FRA 2020 Country reports to countries from the Pacific region. It involved 19 participants, from 12 countries, of which 42% women. |
| | Other collaborating institutions, partners, etc. | |
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| 13 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Sub-regional Remote Sensing Workshop for Southeast Asia |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | Asia |
| | Location | Bangkok, Thailand |
| | Start date | 29/10/2018 |
| | End date | 02/11/2018 |

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| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/#/) |
| | Summary of outcomes of capacity development activities | The purpose of the workshop was to Coordinate the Subregional Remote Sensing Workshop on Southeast Asia. It involved 22 participants, from 17 countries, of which 18% women. |
| | Other collaborating institutions, partners, etc. | |
| 14 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA 2020) National Remote Sensing Survey workshop in India |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | Asia |
| | Location | Dehradun, India |
| | Start date | 11/03/2019 |
| | End date | 16/03/2019 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/#/) |
| | Summary of outcomes of capacity development activities | The main objective of this workshop was to provide technical support for the National Correspondents and remote sensing focal points in their work of data collection by photointerpretation of the country samples of the FRA RSS2020. The workshop involved 24 participants, from India, of which 33% women. During the workshop 8096 plots have been collected. |

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| | Other collaborating institutions, partners, etc. | |
| 15 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 National Remote Sensing Survey workshop in China |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | Asia |
| | Location | Xi an, China |
| | Start date | 08/04/2019 |
| | End date | 13/04/2019 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/#/) |
| | Summary of outcomes of capacity development activities | The workshop in China was organized with the support of the China Department of Forest Resources. During the learning by doing activity, analysts from all the country visually interpreted the samples and identify the main land use (Forest, Other wooded land, Croplands, Grasslands and Settlements) and land use change (Forest and non-forest areas without changes on the time, deforestation and forest regrowth). The users collected the data through Collect Earth Online. The software guided the users to analyse one each sample within the country, providing access to satellite images in an easy-to-use interface. The workshop involved 24 participants, from China, of which 20% women. During the workshop 13619 plots have been collected. |
| | Other collaborating institutions, partners, etc. | |

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| 16 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 National Remote Sensing Survey workshop in Mexico |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | LAC |
| | Location | Akumal, Mexico |
| | Start date | 20/05/2019 |
| | End date | 26/05/2019 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | The workshop was completed successful. 24 Mexican, of which 20% women, expert of different region of the country were trained on the FRA RSS Methodology, all the country samples were collected (7933 plots). |
| | Other collaborating institutions, partners, etc. | |
| 17 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |

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| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 National Remote Sensing Survey workshop in Brazil |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | LAC |
| | Location | Belem, Brazil |
| | Start date | 27/05/2019 |
| | End date | 01/06/2019 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | The workshop was given to 28 participants (53% of women) from Brazil, to be able to perform a meaningful land use assessment exercise on visual interpretation. The participants have been trained in physics of remote sensing, photo-interpretation theory and the FRA RSS methodology through a Collect Earth Online exercise. In total they collected 13800 plots. |
| | Other collaborating institutions, partners, etc. | |
| 18 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 National Remote Sensing Survey workshop in Indonesia |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |

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| | Continent | Asia |
| | Location | Bali, Indonesia |
| | Start date | 24/06/2019 |
| | End date | 02/07/2019 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | This workshop has been organized in very close collaboration with FAO Indonesia and with the Ministry of Forestry of Indonesia. The workshop was given to 37 participants (37% women) coming from the Indonesia Forest Resources Inventory offices of all provinces of Indonesia, to be able to perform a meaningful land use assessment exercise based on the various field experience of each participant. During the data collection the workshop facilitators performed a quick quality control of the samples collected by each participant and discussed with each of them if there was confusion or ambiguity regarding the classification of some plots. This helped the participants to clarify their doubts and increased the quality of the data collected. Totally 18044 plots were collected. |
| | Other collaborating institutions, partners, etc. | |
| 19 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 South and East Africa Regional Remote Sensing Survey workshop |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | Africa |
| | Location | Maputo, Mozambique |
| | Start date | 08/07/2019 |
| | End date | 13/07/2019 |

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| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | This workshop has been organized in close collaboration with FAO Mozambique. The workshop was given to 19 participants (8% women) coming from the following countries: South Africa (2 participants), Mozambique (4), Botswana (3), Lesotho (1), Namibia (2), Eswatini (1), Zambia (4) and Zimbabwe (2), to be able to perform a meaningful land use assessment exercise for the aforementioned countries based on the various field experience of each participant. During the data collection the workshop facilitators performed a quick quality control of the samples collected by each participant and discussed with each of them if there was confusion or ambiguity regarding the classification of some plots. This helped the participants to clarify their doubts and increased the quality of the data collected. in total 4600 plots were collected. |
| | Other collaborating institutions, partners, etc. | |
| 20 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission and FAO Office of Chief Statistician |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Central and East Africa Regional Remote Sensing Survey workshop |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | Africa |
| | Location | Dar es Salaam, Tanzania |
| | Start date | 29/07/2019 |
| | End date | 03/08/2019 |
| | Planned future activities | Ongoing remote assistance and support in data collection |

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| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/?) |
| | Summary of outcomes of capacity development activities | The workshop was given to 22 participants (13% of women) from the following countries: Ethiopia (3 participants), Kenya (3), Malawi (2), South Sudan (3), Sudan (3), Tanzania (6) and Uganda (2), to be able to perform a meaningful land use assessment exercise for the aforementioned countries based on the various field experience of each participant. The participants have been trained in physics of remote sensing, photo-interpretation theory and the FRA RSS methodology through a Collect Earth Online exercise and a discussion about land use and land use change examples from East Africa. In total 2700 plots were collected. |
| | Other collaborating institutions, partners, etc. | |
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| 21 | Provider institution name | Food and Agriculture Organization of the United Nations, Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | FAO regular programme and voluntary contribution from the European Commission |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA0 2020 National Remote Sensing Survey workshop for Argentina, Chile and Uruguay |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | LAC |
| | Location | Termas de Reyes, Argentina |
| | Start date | 26/08/2019 |
| | End date | 31/08/2019 |
| | Planned future activities | Ongoing remote assistance and support in data collection |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/?) |

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| Summary of outcomes of capacity development activities | The workshop was given to 45 participants (35% of women) from the following countries: Chile (6 participants), Uruguay (2), Argentina (37) to be able to perform a meaningful land use assessment exercise for the aforementioned countries based on the various field experience of each participant. The participants have been trained in physics of remote sensing, photo-interpretation theory and the FRA RSS methodology through a Collect Earth Online exercise and a discussion about land use and land use change examples from South America. In total 11716 plots were collected. |
| Other collaborating institutions, partners, etc. | |

3.2.9 United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), Statistics Division and Pacific Office

In-country support on SEEA accounts and underlying environment statistics

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| Provider institution name Contact person, e-mail, website Event website | United Nations Economic and Social Commission for Asia and the Pacific, Statistics Division and Pacific Office Rikke Munk Hansen, Statistics Division stat.unescap@un.org Sanjesh Naidu, Pacific Office escap-pacific@un.org |
| Recipient institution name Contact person, e-mail, website Event website | <ul style="list-style-type: none"> • Bhutan: National Statistics Bureau (NSB) of Bhutan • China: China National Bureau of Statistics (NBS) • Philippines: Philippine Statistics Authority (PSA) • Samoa Bureau of Statistics (SBS) • Malaysia: Department of Statistics Malaysia (DOSM) • Mongolia: Ministry of Environment and Tourism (MET), National Statistical Office of Mongolia (MNSO) and Ulaanbaatar Municipality • Fiji: Fiji Bureau of Statistics • FSM Statistics Division • Maldives: Maldives National Bureau of Statistics • Vanuatu: National Statistical Office (NSO) of Vanuatu |
| Funding mechanism | Regular Programme of Technical Cooperation (RPTC) and Development Account (10 th tranche) |

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| Description of capacity development activity | ESCAP has supported reviewing of existing data, assembly of (test) accounts, developing work plans for accounts compilation/completion, reviewing of draft accounts, supporting national workshops hosted by NSO. Support has been provided in-person and long-distance via email and teleconference. Focus and modality has varied by country, tailored to their request. |
| Themes | <ul style="list-style-type: none"> • Energy statistics, energy accounts, solid waste accounts (Bhutan) • Water statistics, water accounts (Philippines) • Water accounts (Mongolia) • Solid waste, energy and water accounts (Samoa) • Water accounts (Malaysia) • Energy accounts (Fiji) • Energy accounts (FSM) • Water and waste accounts, and Special Accounts: Tourism (Land, Water, GHG, Energy, Waste) (Maldives) • Ecosystem accounts (China) |
| Focus of capacity development | An overview of environment statistics, physical supply and use tables, energy, water, and waste accounts as described in the SEEA were among the main focus of the capacity development. Discussions on existing data in countries, data gaps, potential data sources and data holders were facilitated to support countries' accounts compilation. Follow-up assistance in reviewing of draft accounts also helped countries to refine and finalise their accounts – water accounts (Philippines and Malaysia), solid waste accounts (Samoa), energy accounts (Fiji and FSM), water, solid waste and air emissions accounts (Mongolia), and ecosystem accounts (China). |
| Date(s) and location(s) | <ul style="list-style-type: none"> • 19-21 March 2018; Thimphu, Bhutan • 10-12 April 2018, 19-20 November 2018, 11-14 March 2019; Manila, the Philippines • 3-5 September 2018, 11-14 March 2019, 7-11 October 2019; Ulaanbaatar, Mongolia • 12-14 September 2018, 9-10 May 2019, 8 October 2019, and remote support (via email); Apia, Samoa • 21-23 May 2019; Guangxi, China • 4-7 November 2019, and remote support (via email); Fiji • 28 October – 1 November 2019, and remote support (via email); Vanuatu • 24 November – 5 December 2019, and remote support (via email); Maldives • Remote support (via email); Malaysia • Remote support (via email); FSM |
| Planned future activities | Subject to availability of resources: Continue to provide technical support to countries, including following up on progress on accounts development, reviewing the draft accounts, and providing additional training for priority areas identified by countries. |
| Methodological guidance used for capacity development | SEEA, FDES, ESCAP Diagnostic tool and inventory template for development of environment statistics. http://communities.unescap.org/environment-statistics |

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| Summary of outcomes of capacity development activity | Countries able to define data requirements in line with SEEA concepts and principles. Identification of data gaps, data holders and potential data sources have enabled the countries to develop their work plans for accounts compilation, refinement and completion. These work plans also helped countries and ESCAP to scope further technical assistance. |
| Other collaborating institutions, partners, etc. | United Nations Statistics Division (UNSD), UN Environment, Asian Development Bank (ADB) |

In-country support on energy balances and underlying energy statistics

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| Provider institution name | United Nations ESCAP (Statistics Division) |
| Contact person, e-mail, website | Rikke Munk Hansen, Statistics Division |
| Event website | stat.unescap@un.org |
| Recipient institution name | General Statistics Office (GSO) of Vietnam |
| Contact person, e-mail, website | |
| Event website | |
| Funding mechanism | DFID |
| Description of capacity development activity | Improvement and finalisation of Viet Nam energy balances and statistics. |
| Themes | Energy statistics, energy balances |
| Focus of capacity development | Review of existing energy balances, assessment of quality and reliability of input energy data/statistics/sources. Identification of key areas for improvement. |
| Date(s) and location(s) | 17-19 July 2018 and 29-30 October 2018; Hanoi, Viet Nam |
| Planned future activities | None |
| Methodological guidance used for capacity development | IRES |
| Summary of outcomes of capacity development activity | Significant progress in the compilation of energy balances by GSO |
| Other collaborating institutions, partners, etc. | None |

In-country support on disaster-related statistics

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| Provider institution name Contact person, e-mail, website Event website | United Nations ESCAP (Statistics Division) Rikke Munk Hansen, Statistics Division stat.unescap@un.org |
| Recipient institution name Contact person, e-mail, website Event website | Philippine Statistics Authority (PSA) |
| Funding mechanism | Development Account (10 th tranche) |
| Description of capacity development activity | Co-development and implementation of the Disaster-related Statistics Framework (DRSF) through national case studies and pilot tests. |
| Themes | Disaster-related statistics, environment statistics |
| Focus of capacity development | <ul style="list-style-type: none"> • institutional arrangements for disaster-related statistics; • risk statistics/mapping for mitigation of risk; • an experimental satellite expenditure account for disaster risk reduction (DRR) |
| Date(s) and location(s) | 28-31 May 2018 and 19-21 December 2018; Manila and Pagiao City, the Philippines |
| Planned future activities | Continued collaboration subject to resource availability. |
| Methodological guidance used for capacity development | Disaster-related Statistics Framework (DRSF) http://communities.unescap.org/asia-pacific-expert-group-disaster-related-statistics/content/drsf |
| Summary of outcomes of capacity development activity | Increased understanding of the DRSF and its application for statistics production. Exploration of expansion of the framework to cover institutional arrangements, risk assessment, and measurement of disaster risk reduction expenditure. |
| Other collaborating institutions, partners, etc. | None |

Regional training on environment statistics and accounting

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| Provider institution name Contact person, e-mail, website Event website | United Nations ESCAP (Statistical Institute for Asia and the Pacific, Statistics Division, Pacific Office) Makoto Shimizu, Statistical Institute for Asia and the Pacific (SIAP) escap-siap@un.org |
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| | Rikke Munk Hansen, Statistics Division stat.unescap@un.org Sanjesh Naidu, Pacific Office escap-pacific@un.org |
| Recipient institution name Contact person, e-mail, website Event website | a) <u>Pacific training on climate change related statistics</u> – 19 senior technical staff from the national statistical offices and from planning office which use or provide environmental/ climate change information for policy analysis from Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, Palau, Papua New Guinea, Samoa, Solomon Islands Tonga, and Vanuatu b) <u>Regional training on climate change related statistics</u> – 19 Participants from 23 countries c) <u>Environment statistics and SEEA training</u> – 27 middle-level technical staff from the NSO and middle-level officers from the Ministry of Environment which uses or provides environmental information for policy formulation from 19 countries: Azerbaijan, Bhutan, Botswana, Egypt, Indonesia, Kazakhstan, Lao People's Democratic Republic, Malawi, Maldives, Mongolia, Myanmar, Nepal, Sri Lanka, Sudan, Tajikistan, Thailand, Timor-Leste, Uzbekistan and Vanuatu |
| Funding mechanism | SIAP trust fund/ Section 23/ Development Account (10 th tranche) |
| Description of capacity development activity | SIAP held two training courses on climate change-related statistics, one designed for the regional level, whereas the other targeted the Pacific Island. Another training on environment statistics and the SEEA was also delivered by SIAP to support SDGs delivery. |
| Themes | Climate Change-Related Statistics, the Framework for the Development of Environment Statistics (FDES) and the System of Environmental-Economic Accounting (SEEA) |
| Focus of capacity development | The training topics comprise of: (i) the overview of environment statistics, FDES, SEEA and SDG context in relation to environment statistics; (ii) indicators; (iii) natural disaster indicators and sources; (iv) SEEA data sources, compilation methods, approaches; (v) applying the SEEA diagnostic tool and connecting with policy makers and users; and (vi) individual/group research on national data sources, and application issues. |
| Date(s) and location(s) | <ul style="list-style-type: none"> • 17-21 September 2018; Nadi, Fiji • 26-30 November 2018; SIAP, Chiba, Japan • 2-6 September 2019; SIAP, Chiba, Japan |
| Planned future activities | Follow up with participating countries, and provide necessary support to strengthening environment and climate change statistics in the region and the Pacific; and adjust training module to reduce repetition and revise the more detail as recommended. |
| Methodological guidance used for capacity development | <ul style="list-style-type: none"> • SEEA: https://unstats.un.org/unsd/envaccounting/seea.asp • FDES: https://unstats.un.org/unsd/ENVIRONMENT/fdes.htm • Pacific SDG indicators on environment issues • CES Task Force set of 39 core climate change-related indicators: https://www.unece.org/fil |
| Summary of outcomes of capacity development activity | The key outcomes from these training include: improved availability of climate change-related indicators in participating countries; enhanced technical, including training, capacity in participating countries to produce climate change-related statistics, and understand basic concepts and applications of the SEEA Central Framework, as well as, data requirements for basic accounts; recommendations for a regular ESCAP training programme on climate change-related and SEEA statistics; |

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| | and recommendations for the CES Task Force on a set of key climate change-related statistics using the SEEA for the further development of its core set of indicators. |
| Other collaborating institutions, partners, etc. | ESCAP Statistics Division and ESCAP Pacific Office |

National pilot ocean accounts

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| Provider institution name Contact person, e-mail, website Event website | United Nations ESCAP (Statistics Division and Pacific Office) Rikke Munk Hansen, Statistics Division stat.unescap@un.org Sanjesh Naidu, Pacific Office escap-pacific@un.org |
| Recipient institution name Contact person, e-mail, website Event website | China: Fourth institute of oceanography, Ministry of Natural Resources Malaysia: Department of Statistics Thailand: National Statistical Office Viet Nam: Institute of Strategy and Policy on Natural Resources and Environment Samoa: Ministry of Natural Resources and Environment |
| Funding mechanism | Development Account (11 th tranche), RPTC, and Australian Department of Environment and Energy |
| Description of capacity development activity | As part of the Development Account (11 th tranche) project on strengthening SDG14 statistical capacity in selected ESCAP member states, ESCAP has collaborated with five countries (China, Malaysia, Thailand, Viet Nam and Samoa) to initiate national ocean accounts pilots. Technical guidance, trainings on ocean accounting, and supports on draft accounts review were provided to the countries' NSOs and other ocean related agencies. |
| Themes | Ocean statistics, ocean science, and ocean governance |
| Focus of capacity development | Scoping activities and missions were conducted to assess and identify ocean statistics capacity needs in selected member states. Based on the scoping reports prepared by national consultants, two national workshops on ocean accounting were held in the five pilot countries to deliver a training on ocean accounting framework, to facilitate and discuss the selected ocean accounting topics, and to review the drafts of national ocean accounts. The results of these pilots were presented and discussed at the First Global Dialogue on Ocean Accounting Partnership (GOAP) attended by mid- and senior-level officials from 17 Asia-Pacific countries, as well as international experts and academia from the UK, Canada, USA, South Africa and Portugal |
| Date(s) and location(s) | <ul style="list-style-type: none"> • 24-26 September 2018; Port Vila, Vanuatu • 21-23 February 2019, 15-17 May 2019, 24-26 September 2019; Guangzhou, Beijing and Beihai, China • 3-5 April 2019 and 16-18 October 2019; Putrajaya and Kuala Lumpur, Malaysia |

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| | <ul style="list-style-type: none"> • 11-15 February 2019, 6-8 May 2019 and 6-8 October 2019; Apia, Samoa • 15 January 2019, 3 May 2019 and 15 October 2019; Bangkok, Thailand • 23-25 April 2019 and 9-11 October 2019; Hanoi, Viet Nam • 12-15 November 2019; Sydney, Australia |
| Planned future activities | Continue to provide technical assistance to the pilot teams and follow up on progresses in the pilot implementation. Also respond to country requests expressing interests in ocean accounting. |
| Methodological guidance used for capacity development | SEEA, FDES and ocean accounts |
| Summary of outcomes of capacity development activity | <p>The pilot countries have identified and prioritised the topics for ocean accounts studies, and the workshops have enhanced the pilot teams' understanding on ocean accounting framework. Each national pilot have completed their draft accounts (the topics listed below) and these results were presented at the 1st GOAP meeting in Sydney, Australia where suggestions and comments were provided by experts at the event.</p> <p>National ocean accounts topics:</p> <ul style="list-style-type: none"> • China: Mangroves assets and ecosystem services accounting • Malaysia: Living resources in the Straits of Malacca • Samoa: Sustainable tourism - accounting for the environment and selected ocean factors • Thailand: Sustainable tourism - linkages between tourism, the environment and the ocean • Viet Nam: Land-based pollution, tourism and ecosystem impacts |
| Other collaborating institutions, partners, etc. | University of New South Wales, World Bank, Global Ocean Accounts Partnership (https://www.oceanaccounts.org/) |

Support to North and Central Asia on environment statistics and accounting

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| Provider institution name Contact person, e-mail, website Event website | United Nations ESCAP (Statistics Division, Energy Division, ICT and DRR Division) United Nations DESA (Statistics Division) United Nations ECE (Statistics Division, Energy Division) International Energy Agency |
| Recipient institution name Contact person, e-mail, website Event website | Staff of national statistical offices and ministries responsible for energy, water and land resources management from member states in Central Asia |
| Funding mechanism | Development Account (10 th tranche), Russian Federation Trust Fund |

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| Description of capacity development activity | Four technical capacity building workshops were arranged for Central Asian member states to support the compilation, production and application of energy, water and land statistics, to promote informed and evidence-based policy making, as well as delivery of the related SDGs. |
| Themes | Energy statistics, energy balances, energy accounts, water statistics, land accounts, statistical and geospatial data |
| Focus of capacity development | Energy balances, energy accounts, GHG inventories and other energy statistics were demonstrated as means to support multiple energy policy information needs, whereas FAO's AQUASTAT database was introduced to the countries to promote the compilation and reporting of SDG indicators 6.4.1 and 6.4.2. Further, applications of geospatial information system on land accounts and statistics was highlighted through the need identification, assessment of existing frameworks and models, as well as sharing of good practices in the region. |
| Date(s) and location(s) | 21-22 May 2019 Dushanbe, Tajikistan (Energy) 14-15 November 2019; Tashkent, Uzbekistan (Land accounting/geospatial information) 8-10 October 2019; Almaty, Kazakhstan (Water) 17-20 December 2019, Almaty, Kazakhstan (Energy) |
| Planned future activities | Continue to provide technical assistance to member states. |
| Methodological guidance used for capacity development | SEEA, FDES, IRES |
| Summary of outcomes of capacity development activity | Participating members shared their understanding and experiences in collecting relevant data have been enhanced, and interdepartmental coordination opportunities at national level were promoted through the workshop formats which brought together national data producers (NSOs) and data users (ministries responsible for energy, water and land resources management) |
| Other collaborating institutions, partners, etc. | Food and Agriculture Organization of the United Nations (FAO), International Energy Agency (IEA), Russian Federation Federal State Statistics Service (Rosstat) and Statistics Netherlands |

3.2.10 United Nations Economic and Social Commission for Western Asia (ESCWA)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic and Social Commission for Western Asia Dr. Wafa Aboul Hosn, aboulhosn@un.org, https://www.unescwa.org/ http://www.etc.uma.es/un_escwa_etcuma/ |
| | Recipient institution name Contact person, e-mail, website Event website | Jordan, Egypt and Palestine EU-designed survey (https://ec.europa.eu/eusurvey/runner/SDG_data_needs) Final report on http://www.etc.uma.es/un_escwa_etcuma/ |

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| | Funding mechanism | United Nations Development Account |
| | Description of capacity development activity | Develop national workflows to monitor SDGs, and to build geospatial skills nationally and address country challenges to SDG monitoring |
| | Themes | Geospatial and SDG-Environment |
| | Focus of capacity development | Scoping and training national workshops were hosted and coordinated by the National Statistical Offices of the three countries and included dedicated meetings with staff of statistical offices and other relevant technical agencies Technical training session to discuss access of geospatial environmental workflow proposed by ETC-UMA. On average, 35 experts participated to each of the national workshops organized in collaboration with the national statistical offices in the three countries. |
| | Date(s) and location(s) | Missions to Cairo, Egypt (May 2018), Amman, Jordan (May 2018), and Palestine (May 2018) |
| | Planned future activities | Workshop session on SDGs and Geospatial along a more general workshop on Geospatial and Census from DA10 Pillar 1 |
| | Methodological guidance used for capacity development | UNEP Guidance on Water Resources and Oceans and ESRI on geospatial data |
| | Summary of outcomes of capacity development activity | The survey was completed by country staff. The results of the survey provided an overview of the state of geospatial data availability and prepared the ground for ensuring efficient SDG indicator monitoring and coordination at national and regional levels. Scoping and training national workshops were hosted and coordinated by the National Statistical Offices of the three countries and included dedicated meetings with staff of statistical offices and other relevant technical agencies to assess national extent and availability of geospatial data. These were followed by a technical training session to discuss access of geospatial environmental data, identify global open spatial datasets of potential use in the national context and present the details of the SDG monitoring workflow proposed by ETC-UMA. On average, 35 experts participated to each of the national workshops organized in collaboration with the national statistical offices in the three countries. |
| | Other collaborating institutions, partners, etc. | European Topic Centre of the University of Malaga, Spain (ETC-UMA) |
| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic and Social Commission for Western Asia Dr. Wafa Aboul Hosn, aboulhosn@un.org , https://www.unescwa.org/ https://www.unescwa.org/events/workshop-environment-statistics-and-information-sustainable-development-arab-region-unsd |
| | Recipient institution name Contact person, e-mail, website Event website | Western Asia Statistical offices and experts from Ministries of Environment |

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| | Funding mechanism | DA10 |
| | Description of capacity development activity | Workshop on Environment Statistics and Information for Sustainable Development in the Arab Region |
| | Themes | General on FDES, waste and water statistics, as well as environmentally-related SDG indicators and climate change statistics |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | 12-16 November 2018 Beirut, Lebanon |
| | Planned future activities | Follow up in National Workshop in Sudan |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf |
| | Summary of outcomes of capacity development activity | The Workshop contributed to providing statisticians from National Statistical Offices and experts from selected Ministries of Environment (or equivalent institutions) in the region with detailed knowledge and understanding of approaches to environment statistics, thus allowing them to identify gaps and deficiencies in environmental data, and contribute to the production of regular, accurate and reliable environment statistics that can allow developing environmental indicators and accounts relevant to policy making and SDGs monitoring. The Workshop discussed and adopted a key set of recommendations on the way forward. |
| | Other collaborating institutions, partners, etc. | United Nations Statistics Division (UNSD), the United Nations Environment Programme (UNEP), and the European Environment Agency (EEA). |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic and Social Commission for Western Asia Dr. Wafa Aboul Hosn, aboulhosn@un.org , e-learning platform of the United Nations Statistics Division on https://elearning-cms.unstats.un.org/course/detail/10 Two sessions on the SEEA during the Summary of the Eye on Earth Symposium 22-24 October 2018 Dubai, United Arab Emirates (UAE) coinciding with the UNDATA Forum in Dubai during the same period. |

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| Recipient institution name Contact person, e-mail, website Event website | Western Asia Statistical offices and experts from Ministries of Environment Two SEEA sessions that organized by ESCWA with AGEDI and EoEAlliance The report of the Eye on Earth Symposium was released by The International Institute for Sustainable Development http://enb.iisd.org/eoe/symposium/ http://enb.iisd.org/eoe/symposium/2018/html/enbplus195num6e.html Summary report found on http://enb.iisd.org/download/pdf/sd/enbplus195num6e.pdf |
| Funding mechanism | DA10 |
| Description of capacity development activity | The two sessions that were organized reached to audience inside the meeting and the sessions were broadcasted on-line to a very wide audience. 1-The System of Environmental Economic Accounting: Serving Environmental Policies for Sustainable Development and the SDGs (Part 1 the SEEA Central Framework) to introduce the System of Environmental Economic Accounting (SEE) and to provide a more comprehensive and multipurpose view of the relationship between the environment and the economy. 2- SEEA: Serving Environmental Policies for Sustainable Development and the SDGs (Part 2 Ecosystem Accounting) |
| Themes | System of Environmental Economic Accounting Environmental Policies Sustainable Development |
| Focus of capacity development | Case studies and applications in South Africa, Brazil UAE and Canada |
| Date(s) and location(s) | 22-24 October 2018, Dubai, United Arab Emirates |
| Planned future activities | Sessions in the Future events of Eye on Earth Symposium |
| Methodological guidance used for capacity development | System of Environmental-Economic Accounting (SEEA) SEEA Experimental Ecosystem Accounting |
| Summary of outcomes of capacity development activity | Outreach to large audience from statisticians and environmentalists a case studies to inform on how countries implemented the system. |
| Other collaborating institutions, partners, etc. | UNSD, IUCN, AGEDI, ENIGE. Statistics SA, GEO, StatCan |

3.2.11 United Nations Economic Commission for Africa (ECA)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Africa https://ecastats.uneca.org/acswweb/FocusAreas/EESUT2018.aspx |
| | Recipient institution name Contact person, e-mail, website Event website | ECA member States: Botswana, Burkina Faso, Burundi, Cameroon, Cote d'Ivoire, Ghana, Guinea, Kenya, Lesotho, Mauritius, Morocco, Nigeria, Senegal, South Africa, Togo, Uganda, Zambia |
| | Funding mechanism | |
| | Description of capacity development activity | |
| | Themes | Compilation and application of environmentally extended Supply-Use Tables (EE-SUTs) |
| | Focus of capacity development | |
| | Date(s) and location(s) | 2-6 July 2018, Pretoria, South Africa |
| | Planned future activities | |
| | Methodological guidance used for capacity development | |
| | Summary of outcomes of capacity development activity | |
| | Other collaborating institutions, partners, etc. | Afristat and FAO |
| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Africa |
| | Recipient institution name Contact person, e-mail, website Event website | Morocco Haut-Commissaire au Plan Haut-Commissaire Eaux et Foret |
| | Funding mechanism | |
| | Description of capacity development activity | National workshop |

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| | Themes | Forest Accounts and international reporting systems linked to the SEEA AFF Physical Supply and Use Table (PSUT) on Forestry Product |
| | Focus of capacity development | |
| | Date(s) and location(s) | 23-26 April 2019, Rabat, Morocco |
| | Planned future activities | |
| | Methodological guidance used for capacity development | |
| | Summary of outcomes of capacity development activity | |
| | Other collaborating institutions, partners, etc. | FAO |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Africa |
| | Recipient institution name Contact person, e-mail, website Event website | Agence Nationale de la Statistique et de la Démographie Centre de Suivi Ecologique Agence Nationale de l'Aviation Civile et de la Météorologie |
| | Funding mechanism | |
| | Description of capacity development activity | National workshop |
| | Themes | Extended supply-use tables on forestry |
| | Focus of capacity development | |
| | Date(s) and location(s) | 1-5 April 2019, Dakar, Senegal |
| | Planned future activities | |
| | Methodological guidance used for capacity development | |
| | Summary of outcomes of capacity development activity | |
| | Other collaborating institutions, partners, etc. | FAO |

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| 4 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Africa |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Office, Ministry of Forest, National Forestry Development Agency |
| | Funding mechanism | |
| | Description of capacity development activity | national workshops |
| | Themes | SEEA AFF and in particular on the PSUT on Forestry Products |
| | Focus of capacity development | |
| | Date(s) and location(s) | 14-17 May 2019, Yaoundé, Cameroon |
| | Planned future activities | |
| | Methodological guidance used for capacity development | |
| | Summary of outcomes of capacity development activity | |
| | Other collaborating institutions, partners, etc. | FAO |
| 5 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Africa Xiaoning Gong |
| | Recipient institution name Contact person, e-mail, website Event website | Ghana Ghana statistics Service, Ghana Environment Protection Agency |
| | Funding mechanism | DA10 |
| | Description of capacity development activity | <ul style="list-style-type: none"> • Data quality review for the 6 FDES components. The review was supported by an introduction to important secondary data quality aspects to check, and conceptual compliance with FDES. As the data collected by the time of mission were still partial, the missions devised strategies for achieving a better response rate. • The country team was introduced to key features of IRIS through remote presentation by UN Environment, and discussed alternative solutions for the management and storage of their environment data. • The mission designed the structure of Ghana's compendium of environment statistics, outlining the chapters, sections and subsections, in alignment with the FDES. |

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| | Themes | Environment statistics (data quality of 6 FDES components) |
| | Focus of capacity development | (i) the conduct of the assessment of the state of environment statistics, (ii) the development of a compendium of environment statistics, and (iii) the design of a plan to further improve the production and use of environment statistics. |
| | Date(s) and location(s) | 24/06/2019 to 28/06/2019, Ghana 14/10/2019 to 18/10/2019, Ghana |
| | Planned future activities | |
| | Methodological guidance used for capacity development | ESSAT, NAP |
| | Summary of outcomes of capacity development activity | |
| | Other collaborating institutions, partners, etc. | |
| 6 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Africa Xiaoning Gong |
| | Recipient institution name Contact person, e-mail, website Event website | Burkina Faso Directorate General of Sectorial Studies and Statistics (DGESS) of the Ministry in charge of Environment, Green Economy and Climate Change (MEEVCC), as well as the national committee on the development of environment statistics composed of staff from other directorates of MEEVCC the national statistical office, and the Laboratory for Air and Water quality monitoring. |
| | Funding mechanism | DA10 |
| | Description of capacity development activity | a) the ESSAT report and its findings on the state of environment statistics was validated. A few corrective recommendations were requested to be taken in consideration by coordinating institution. b) the mains features of strategy for the development of the country's environment statistics have been agreed upon. Three structuring strategic axis along with their objectives and activities have been identified. A plan for setting up an air quality measurement and monitoring system has been designed. |
| | Themes | Environment statistics (data quality of 6 FDES components) |
| | Focus of capacity development | (i) the conduct of the assessment of the state of environment statistics, (ii) the development of a compendium of environment statistics, and (iii) the design of a plan to further improve the production and use of environment statistics. |
| | Date(s) and location(s) | 23/09/2019 to 27/09/2019, Burkina Faso |
| | Planned future activities | |

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| | Methodological guidance used for capacity development | ESSAT, NAP |
| | Summary of outcomes of capacity development activity | |
| | Other collaborating institutions, partners, etc. | |

3.2.12 United Nations Economic Commission for Europe (UNECE)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNSD and others Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html Ms. Jessica Ying Chan, jessica.chan@un.org , https://unstats.un.org/home/ http://www.unece.org/index.php?id=39820 |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Offices and Ministries of Environment of Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Kazakhstan, Moldova, Mongolia, Russian Federation, Turkey, Ukraine and Uzbekistan (37 participants in total) |
| | Funding mechanism | UNECE: Development Account Programme, 10th tranche UNSD: RPTC Statistics Netherlands: ODA Belarus (BELSTAT): In-kind |
| | Description of capacity development activity | Regional activity: Blended learning on environment statistics, SEEA and the SDGs The training was based on the blended learning of UNSD on SEEA, with a focus on the production of environment-related SDG indicators. It consisted of an online training, webinars and a workshop at the end of the training. |
| | Themes | FDES and SEEA-CF SEEA and the SDGs Energy Accounts Air Emission Accounts Economy-wide Material Flow Accounting Environmental Protection Expenditures and Environmental Goods and Services Sector Water flow accounts and water asset accounts Ecosystem accounting Identification of next steps |
| | Focus of capacity development | Basic training Identification of further capacity development needs Drafting of individual action plans |

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| | Date(s) and location(s) | The online training was carried out from October – December 2017 and the workshop was held from 15-18 January 2018 in Minsk (Belarus). |
| | Planned future activities | Examples of identified further activities: Belarus: Forest Accounts Ukraine: Air emission accounts Moldova: Forest accounts Other countries: national trainings on FDES and SEEA |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshtml) • SEEA-Central Framework and its supporting tools (https://seea.un.org/) |
| | Summary of outcomes of capacity development activity | The output is increased knowledge of staff of NSOs (and related agencies) in the production of SEEA and to understand its relation to basic environment statistics and SDG indicators. Another output are draft action plans for SEEA implementation in the participating countries. |
| | Other collaborating institutions, partners, etc. | United Nations Statistics Division (UNSD) Statistics Netherlands National Statistical Committee of the Republic of Belarus |
| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP, UNDP, and others (see below) Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org, https://www.unenvironment.org/regions/europe Event websites: http://www.unece.org/index.php?id=48489 and https://environmentlive.unep.org/egm/kyrgyzstan |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Committee of the Kyrgyz Republic (NSC KR), State Agency of Environment Protection and Forestry under the Government of the Kyrgyz Republic (SAEPF) and experts of other governmental agencies (40 participants) |
| | Funding mechanism | UNECE: Development Account Programme, 10th tranche UNEP: Global Public Goods and Challenges (GPGC) Programme Cooperation Agreement between the European Commission and the United Nations Environment Programme (UNEP) UNEP-WCMC: Global Public Goods and Challenges (GPGC) Programme Cooperation Agreement between the European Commission and the United Nations Environment Programme (UNEP) Environment Agency Austria: Unknown UNDP: unknown ESCAP: Development Account Programme, 10th tranche |

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| Description of capacity development activity | <p>National activity: Environmental Information Systems (including Shared Environmental Information System - SEIS) and Environmental Statistics for the Sustainable Development Goals</p> <p>This 3-day workshop was designed to advance understanding and effective application of SEIS environmental data sharing principles by relevant national agencies in Kyrgyzstan, and to improve capacity for the production of environmental statistics and information products for monitoring progress on the implementation of the Sustainable Development Goals (SDGs). The workshop highlighted practical, country-specific benefits of the System of Environmental-Economic Accounting (SEEA) of the United Nations Framework for the Development of Environment Statistics (FDES), and their relation to relevant SEIS and SDG indicators, with a particular focus on Forest and Energy accounts and protected areas information.</p> <p>The main objectives of the workshop were:</p> <ol style="list-style-type: none"> 1. Take stock of relevant programmes and initiatives for the production and sharing of environmental data and statistics in Kyrgyzstan as relevant to SEIS and the SDGs; 2. Showcase examples of environmental information systems. 3. Draft action plans for forest and energy accounts and protected areas information; 4. Promote regional cooperation and sharing of experience in environmental information systems; 5. Further improve the production of forest accounts, with a specific focus on the use of newly available data sources and a discussion on how to integrate the results into the System of National Accounts 6. Provide training on the establishment of energy flow accounts and producing a pilot account with available data; 7. Support the development of indicators and information system capacity for protected areas in Kyrgyzstan 8. Identify existing gaps and further training needs for SEIS implementation and the production of environmental statistics, accounts and indicators for national reporting on the SDGs. |
| Themes | <p>Shared Environmental Information Systems (SEIS) and SDGs</p> <p>Environment Statistics, System of Environmental - Economic Accounting (SEEA), and the SDGs</p> <p>Forest accounts</p> <p>Energy accounts</p> <p>Drafting of an action plan</p> |
| Focus of capacity development | <p>Basic training</p> <p>Identification of further capacity development needs</p> <p>Drafting of an action plan</p> |
| Date(s) and location(s) | 11-14 June 2018 in Bishkek (Kyrgyzstan). |
| Planned future activities | |
| Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshtml) • SEEA-Central Framework and its supporting tools (https://seea.un.org/) |

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| | Summary of outcomes of capacity development activity | Experts trained on environmental information systems and capable to identify next steps for national implementation Experts trained on FDES and SEEA-CF and their relationships with environment-related SDG indicators Experts trained on selected SEEA Accounts (forest and energy) and implementation plans drafted |
| | Other collaborating institutions, partners, etc. | United Nations Environment Programme (UNEP) UNEP-World Conservation Monitoring Centre (WCMC) United Nations Development Programme (UNDP) United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) Environment Agency Austria National Statistical Committee of the Republic of Belarus |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP and others (see below) Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org , https://www.unenvironment.org/regions/europe Event websites: http://www.unece.org/index.php?id=48949 and https://environmentlive.unep.org/egm/kazakhstanmfawastestatistics |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of National Economy of the Republic of Kazakhstan – Committee on Statistics (and its 17 regional branches) and related national agencies (e.g. Committee of water resources of the Ministry of agriculture of Kazakhstan, Ministry of Energy of the Republic of Kazakhstan etc.) (41 participants) |
| | Funding mechanism | UNECE: Development Account Programme, 10th tranche UNEP: Global Public Goods and Challenges (GPGC) Programme Cooperation Agreement between the European Commission and the United Nations Environment Programme (UNEP) |
| | Description of capacity development activity | National activity: Training on waste statistics and Material Flow Accounts in Kazakhstan This 3-day workshop was designed in close collaboration with the Statistical Committee of Kazakhstan. The main aim was to provide advice on the implementation of selected statistics and accounts for multiple purposes, including sharing of environmental information and compiling related SDG indicators. |
| | Themes | Introduction to environment statistics and environmental-economic accounting Material Flow Accounts Water Statistics Statistics on municipal and industrial waste Statistics on electronic waste |
| | Focus of capacity development | Basic training Drafting of an action plan |
| | Date(s) and location(s) | 16-18 July 2018 in Astana (Kazakhstan). |

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| | Planned future activities | |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshtml) • SEEA-Central Framework and its supporting tools (https://seea.un.org/) |
| | Summary of outcomes of capacity development activity | Increased knowledge about statistics on MFA, water and waste Action points for the NSO and the related other governmental agencies |
| | Other collaborating institutions, partners, etc. | United Nations Environment Programme (UNEP) UNEP-World Conservation Monitoring Centre (WCMC) United Nations University (UNU) Vienna University of Economics and Business |
| 4 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html http://www.unece.org/index.php?id=47527 |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Offices and Ministries of Environment of the following participating countries: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Finland, Kazakhstan, Kyrgyzstan, Republic of Moldova, Russian Federation, Switzerland, Tajikistan, North Macedonia, Turkey, Ukraine and Uzbekistan (40 participants) |
| | Funding mechanism | Development Account Programme, 10th tranche Financial contributions of Austria and the European Environment Agency |
| | Description of capacity development activity | Regional activity: 15 th Session of the Joint Task Force on Environmental Statistics and Indicators The Joint Task Force on Environmental Statistics and Indicators was established by the United Nations Economic Commission for Europe (ECE) Committee on Environmental Policy and the Conference of European Statisticians to support the countries of Eastern and South-Eastern Europe, the Caucasus and Central Asia in improving their environmental statistics and indicators. The work being carried out by the Joint Task Force aims at strengthening environmental reporting and making environmental statistics available and comparable throughout the pan-European region in the long term. The terms of reference for the Joint Task Force (ECE/CEP/2017/12) were approved by the ECE Executive Committee on 4 July 2018 (ECE/EX/2018/L.7). |
| | Themes | <ul style="list-style-type: none"> • Progress in establishing a Shared Environmental Information System • Amendment of the UNECE Guidelines for the Application of Environmental Indicators • Progress of the Task Force on Waste Statistics • Information and coordination of ongoing and planned capacity development activities in the region. • Progress in production of environmental indicators and statistics at the national level • Training session on the status of production, sharing and use of the regional set of environmental indicators |

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| | Focus of capacity development | According to its ToR the aim of the Joint Task Force is to assist the countries of the Caucasus, Central Asia and Eastern and South-Eastern Europe (target countries) in their efforts to: (a) correctly apply the Shared Environmental Information System data methodologies and in line with statistical standards; (b) analyse and communicate environmental data; (c) implement the System of Environmental-Economic Accounting; and (d) apply environmental indicators in the context of sustainable development and green economy initiatives. The Joint Task Force is also to assist the Working Group on Environmental Monitoring and Assessment in evaluating the application of the internationally accepted methodologies and statistical standards in the Shared Environmental Information System data production. |
| | Date(s) and location(s) | 25-26 October 2018 in Geneva (Switzerland) |
| | Planned future activities | 16 th Session of the Joint Task Force (October 2019) Work as identified in the report of the JTF (see http://www.unece.org/index.php?id=47527) |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshtml) • SEEA-Central Framework and its supporting tools (https://seea.un.org/) • SDG indicators metadata (https://unstats.un.org/sdgs/metadata/) |
| | Summary of outcomes of capacity development activity | See meeting report (http://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/ge.33/2018/mtg5/ECE.CEP-CES.GE.1.2018.2.E.pdf) |
| | Other collaborating institutions, partners, etc. | United Nations Environment Programme (UNEP) |
| 5 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP and others (see below) Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org, https://www.unenvironment.org/regions/europe |
| | Recipient institution name Contact person, e-mail, website Event website | Committee of Statistics of the Ministry of National Economy of Kazakhstan, Committee of Housing and Communal Services of the Ministry of Industry and Infrastructure of the Republic of Kazakhstan, Ministry of the National Economy of the Republic of Kazakhstan (37 participants), https://green-academy.kz/en/integration-of-sdgs-indicators-into-the-strategic-planning-system-2/ |
| | Funding mechanism | Development Account Programme, 10th tranche |
| | Description of capacity development activity | National activity: High-level workshop on implementation of environment-related SDGs into the national planning system Supporting a national strategy to strengthen the national environmental information system to better support the production of SDG indicators in alignment with national information needs for Green Economy, Climate Change and on "Smart Cities". |

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| | Themes | <ul style="list-style-type: none"> • SDG implementation: global, regional and national level • SDG 13 – Climate action • SDG 7 – Affordable and clean energy • SDG 11 – Sustainable cities • SDG 6 – Clean water and sanitation |
| | Focus of capacity development | The seminar targeted decision makers of line ministries of Kazakhstan (e.g. Energy, Planning, Finance) as well as from the NSO in aligning the compilation of SDG indicators with national policy information needs regarding climate change, green growth and smart cities. Participants included Vice-Ministers and other high-level officials of several ministries |
| | Date(s) and location(s) | 25-26 January 2019 in Astana (Kazakhstan) |
| | Planned future activities | |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshtml) • SEEA-Central Framework and its supporting tools (https://seea.un.org/) • SDG indicators metadata (https://unstats.un.org/sdgs/metadata/) |
| | Summary of outcomes of capacity development activity | High-level officials were trained about information needs for compilation of selected SDG indicators; information gaps and ways to overcome them were discussed. |
| | Other collaborating institutions, partners, etc. | United Nations Environment Programme (UNEP) Green Academy of Kazakhstan |
| 6 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP and others (see below) Mr. Michael Nagy, Michael.nagy@un.org , http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org , https://www.unenvironment.org/regions/europe Event websites: http://www.unece.org/index.php?id=51408 and https://environmentlive.unep.org/egm/russia |
| | Recipient institution name Contact person, e-mail, website Event website | Russian Federal State Statistics Service, Ministry of Natural Resources and Environment of the Russian Federation and other national agencies (67 participants) |
| | Funding mechanism | UNECE: Development Account Programme, 10th tranche UNEP: Development Account Programme, 10th tranche |

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| Description of capacity development activity | National activity: ROSSTAT/UNECE/UNEP/OECD Joint Workshop on environment-related SDG Indicators The workshop discussed methodologies and data needs of 22 selected environment-related SDG indicators (as requested by the Russian Federation). | |
| Themes | <ul style="list-style-type: none"> • FDES and SEEA in support of producing SDG indicators • International questionnaires on environment statistics • Waste and Air (SDGs 9, 11, 12.4/12.5) • Sustainable consumption and production (SDG indicators 8.4.2, 8.4.1 and 12.c.1) • Oceans and Ecosystems (SDG 14 and SDG 15) • Water and Sanitation (SDG 6) | |
| Focus of capacity development | Basic training on FDES and SEEA-CF Presentation of SDG indicator methodologies Analysis of the national situation and open technical issues Drafting conclusions and recommendations | |
| Date(s) and location(s) | 19-21 March 2019, Moscow (Russian Federation) | |
| Planned future activities | | |
| Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshtml) • SEEA-Central Framework and its supporting tools (https://seea.un.org/) • SDG indicators metadata (https://unstats.un.org/sdgs/metadata/) | |
| Summary of outcomes of capacity development activity | The workshop helped to clarify methodological questions of 22 environment-related SDG indicators (selected by experts of the Russian Federation). Recommendations for further work were drafted | |
| Other collaborating institutions, partners, etc. | United Nations Environment Programme (UNEP) OECD UNEP-WCMC IUCN | |
| 7 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP, ESCAP, UNDP, and others (see below) Mr. Michael Nagy, michael.nagy@un.org , http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org , https://www.unenvironment.org/regions/europe Ms. Rikke Munk-Hansen, hansenrm@un.org , https://www.unescap.org/ Event websites: http://www.unece.org/index.php?id=51862 and http://nsdg.stat.uz/news/18 |

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| Recipient institution name Contact person, e-mail, website Event website | Ministry of Economy and Industry, the State Committee on Statistics of the Republic of Uzbekistan, the State Committee of the Republic of Uzbekistan on Ecology and Environmental Protection |
| Funding mechanism | UNECE and ESCAP: Development Account Programme, 10th tranche UNEP: Global Public Goods and Challenges (GPGC) Programme Cooperation Agreement between the European Commission and the United Nations Environment Programme (UNEP) UNDP: unknown FAO: unknown |
| Description of capacity development activity | National activity: Uzbekistan national workshop on environmental and livelihood SDG indicators The workshop discussed methodologies and data needs of selected environment-related SDG indicators (as requested by the Uzbekistan). |
| Themes | <ul style="list-style-type: none"> • FDES and SEEA in support of producing SDG indicators • Shared Environmental Information System (SEIS) principles of open access to environmental data • National SDGs Portal and SDGs roadmap • Water and Sanitation (SDG 6) • Disaster impacts • Sustainable consumption and production • Life on land (SDG 15) • Wastes and air (SDG 9, 11, and 12.4 / 12.5) • Material flow accounting • Fossil fuel subsidies • Climate change (SDG 13) |
| Focus of capacity development | Basic training on FDES and SEEA-CF Presentation of SDG indicator methodologies Analysis of the national situation and open technical issues Drafting conclusions and recommendations |
| Date(s) and location(s) | 12-14 June 2019, Tashkent (Uzbekistan) |
| Planned future activities | |
| Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshhtml) |

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| | | <ul style="list-style-type: none"> • SEEA-Central Framework and its supporting tools (https://seea.un.org/) • SDG indicators metadata (https://unstats.un.org/sdgs/metadata/) |
| | Summary of outcomes of capacity development activity | The workshop helped to clarify methodological questions of selected SDG indicators (selected by experts of Uzbekistan) Recommendations for further work were drafted Request received for follow-up capacity building workshop focusing on SDG 6 (water) indicators |
| | Other collaborating institutions, partners, etc. | United Nations Environment Programme (UNEP) UNDP ESCAP FAO IUCN United Nations University National Statistical Committee of the Republic of Belarus National Statistical Committee of the Kyrgyz Republic |
| 8 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe Mr. Michael Nagy, michael.nagy@un.org , http://www.unece.org/stats/stats_h.html |
| | Recipient institution name Contact person, e-mail, website Event website | NSO of Ukraine |
| | Funding mechanism | Development Account Programme, 10th tranche |
| | Description of capacity development activity | National activity: Advisory mission of an expert of Statistics Finland to NSO Ukraine to advise on establishing a regular production of air emission accounts and related indicators |
| | Themes | <ul style="list-style-type: none"> • SEEA Air Emission Accounts |
| | Focus of capacity development | Expert of Finland training experts of Ukraine |
| | Date(s) and location(s) | 29 October – 1 November 2018 in Kyiv (Ukraine) |
| | Planned future activities | Study visit to Finland |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • SEEA-Central Framework and its supporting tools (https://seea.un.org/) |
| | Summary of outcomes of capacity development activity | Enhanced capacity to produce regular air emission accounts and related indicators (such as SDG CC-indicators). |

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| | Other collaborating institutions, partners, etc. | Statistics Finland |
| 9 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe Mr. Michael Nagy, michael.nagy@un.org , http://www.unece.org/stats/stats_h.html |
| | Recipient institution name Contact person, e-mail, website Event website | NSO of Ukraine |
| | Funding mechanism | Development Account Programme, 10th tranche |
| | Description of capacity development activity | National activity: Study visit of experts of NSO Ukraine to Finland |
| | Themes | <ul style="list-style-type: none"> • SEEA Air Emission Accounts • SEEA Energy Accounts |
| | Focus of capacity development | Experts of Finland training experts of Ukraine |
| | Date(s) and location(s) | 23-24 April 2019, Helsinki (Finland) |
| | Planned future activities | Study visit to Finland |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • SEEA-Central Framework and its supporting tools (https://seea.un.org/) |
| | Summary of outcomes of capacity development activity | The study visit helped experts of the Ukrainian NSO to plan their regular production and dissemination of energy and air emission accounts |
| | Other collaborating institutions, partners, etc. | Statistics Finland |
| 10 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe Mr. Michael Nagy, michael.nagy@un.org , http://www.unece.org/stats/stats_h.html |
| | Recipient institution name Contact person, e-mail, website Event website | NSO of Moldova |
| | Funding mechanism | Development Account Programme, 10th tranche |

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| | Description of capacity development activity | National activity: Study visit of experts of NSO Moldova to Poland |
| | Themes | <ul style="list-style-type: none"> • SEEA Forest Accounts • SEEA Air Emission Accounts |
| | Focus of capacity development | Experts of Poland training experts of Moldova |
| | Date(s) and location(s) | 4-6 March 2019, Warsaw (Poland) |
| | Planned future activities | |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • SEEA-Central Framework and its supporting tools (https://seea.un.org/) |
| | Summary of outcomes of capacity development activity | The study visit helped experts of the Moldovan NSO to plan their regular production and dissemination of forest and air emission accounts |
| | Other collaborating institutions, partners, etc. | Statistics Poland |
| 11 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html http://www.unece.org/index.php?id=50800 |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Offices and Ministries of Environment of the following participating countries: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Georgia, Kazakhstan, Kyrgyzstan, Republic of Moldova, Russian Federation, Serbia, Slovenia, Switzerland, Tajikistan, North Macedonia, Ukraine and Uzbekistan (39 participants) |
| | Funding mechanism | Financial contributions of Austria, Norway, the Russian Federation, Switzerland and the European Union through the European Environment Agency |
| | Description of capacity development activity | Regional activity: 16 th Session of the Joint Task Force on Environmental Statistics and Indicators The Joint Task Force on Environmental Statistics and Indicators was established by the United Nations Economic Commission for Europe (ECE) Committee on Environmental Policy and the Conference of European Statisticians to support the countries of Eastern and South-Eastern Europe, the Caucasus and Central Asia1 in improving their environmental statistics and indicators. The work being carried out by the Joint Task Force aims at strengthening environmental reporting and making environmental statistics available and comparable throughout the pan-European region in the long term. The terms of reference for the Joint Task Force (ECE/CEP/2017/12) were approved by the ECE Executive Committee on 4 July 2018 (ECE/EX/2018/L.7). |
| | Themes | <ul style="list-style-type: none"> • Ongoing developments with relevance for the work of the Joint Task Force: SEEA, e-waste statistics, climate change-related statistics, related work at UNSD, European Environment Agency and OECD |

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| | <ul style="list-style-type: none"> • Review of the Guidelines for the Application of Environmental Indicators, focus on the following indicators and statistics: air emissions and air quality, water, waste and environmental protection expenditure • Information and coordination of ongoing and planned capacity development activities in the region. |
| Focus of capacity development | <p>According to its ToR the aim of the Joint Task Force is to assist the countries of the Caucasus, Central Asia and Eastern and South-Eastern Europe (target countries) in their efforts to:</p> <p>(a) correctly apply the Shared Environmental Information System data methodologies and in line with statistical standards; (b) analyse and communicate environmental data; (c) implement the System of Environmental-Economic Accounting; and (d) apply environmental indicators in the context of sustainable development and green economy initiatives. The Joint Task Force is also to assist the Working Group on Environmental Monitoring and Assessment in evaluating the application of the internationally accepted methodologies and statistical standards in the Shared Environmental Information System data production.</p> |
| Date(s) and location(s) | 28-29 October 2019 in Geneva (Switzerland) |
| Planned future activities | 17 th Session of the Joint Task Force (2020) Work as identified in the report of the JTF (will be posted at see http://www.unece.org/index.php?id=50800) |
| Methodological guidance used for capacity development | <ul style="list-style-type: none"> • UNECE Guidelines for the Application of Environmental Indicators (https://www.unece.org/env/indicators.html) • Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (https://unstats.un.org/unsd/envstats/fdes.cshtml) • SEEA-Central Framework and its supporting tools (https://seea.un.org/) • SDG indicators metadata (https://unstats.un.org/sdgs/metadata/) |
| Summary of outcomes of capacity development activity | See meeting report (will be posted at http://www.unece.org/index.php?id=50800) |
| Other collaborating institutions, partners, etc. | United Nations Environment Programme (UNEP) UNSD OECD European Environment Agency |

3.2.13 United Nations Environment Programme (UNEP)

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| 1. | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/bosniasecondwasteworkshop https://environmentlive.unep.org/egm/bosnia |
| | Recipient institution name Contact person, e-mail, website Event website | Bosnia and Herzegovina Agency for Statistics Mirza Agic, https://environmentlive.unep.org/egm/bosniasecondwasteworkshop https://environmentlive.unep.org/egm/bosnia |
| | Funding mechanism | Development Account Programme, 7 th tranche – Chemicals and Waste |
| | Description of capacity development activity | National Workshop on Chemicals and Waste SDG Indicators in Bosnia and Herzegovina Remote assistance to countries |
| | Themes | Chemicals and Waste |
| | Focus of capacity development | Mapping out existing data streams and identifying gaps, constraints and country needs. Cohesion between all waste-related indicator methodologies through close collaboration and communication among all indicator focal points |
| | Date(s) and location(s) | First mission: 8-11 May 2018, Sarajevo, Bosnia and Herzegovina Second mission: 5-8 February 2019, Sarajevo, Bosnia and Herzegovina |
| | Planned future activities | Ongoing remote assistance (review of compendium and national action plan) |
| | Methodological guidance used for capacity development | SDG 11.6.1 (Municipal solid waste) Methodology: https://unstats.un.org/sdgs/metadata/files/Metadata-11-06-01.pdf SDG 12.3.1 (b) (Food waste) Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_12_3_1_b.pdf SDG 12.4.2 (Hazardous waste) Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_12_4_2.pdf 12.5.1 (Recycling rate) Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_12_5_1.pdf |
| | Summary of outcomes of capacity development activity | The overall objective of this capacity development activities is to strengthen the environment statistics pertaining to chemicals and waste, enhance the national capacity to collect data, monitor trends, and track progress towards achieving the 2030 Agenda on Sustainable Development, and improve reporting towards relevant Multilateral Environmental Agreements. Bosnia and Herzegovina experiences challenges in reporting for waste related indicators which highlights data gaps in the statistical system. |

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| | Other collaborating institutions, partners, etc. | United Nations University (UNU), The Resource and Waste Advisory Group (RWA Group), Waste and Resources Action Programme (WRAP) |
| 2. | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/cameroonwastestatistics https://environmentlive.unep.org/egm/cameroon |
| | Recipient institution name Contact person, e-mail, website Event website | The Ministry of Environment, Protection of Nature, and Sustainable Development (MINEPDED) Pierre Sohkadjie Songo (National Institute of Statistics), sohkadjiepierre@yahoo.fr , https://environmentlive.unep.org/egm/cameroonwastestatistics https://environmentlive.unep.org/egm/cameroon |
| | Funding mechanism | Development Account Programme, 7 th tranche – Chemicals and Waste |
| | Description of capacity development activity | The objective of this capacity building was to share experiences and reinforce the capacity of participants on the statistics linked to waste management and chemicals in Cameroon. This involved a preliminary assessment of the state of chemicals and waste in Cameroon, identifying existing data streams and gaps, constraints, country needs and priorities. The workshops contributions are expected to lead towards initiating the production of a National Chemicals and Waste Data Report for Cameroon. Key observations from this workshop included: Cameroon has been systematically collecting data on municipal, hazardous and recyclable waste since 2013. Municipal waste collection is serviced by French company HYSACAM, whose records are a key data source. Waste composition analyses have been done in Yaoundé and Douala but not in secondary cities. These include the separation of organic fraction of waste but does not separate food waste from inedible parts. Important gaps remain in wastewater treatment and chemicals stocks management. |
| | Themes | Chemicals and Waste |
| | Focus of capacity development | Mapping out existing data streams and identifying gaps, constraints and country needs. Cohesion between all waste-related indicator methodologies through close collaboration and communication among all indicator focal points |
| | Date(s) and location(s) | First mission: 14-15 November 2018, Yaoundé, Cameroon Second mission: 17-18 June 2019, Yaoundé, Cameroon |
| | Planned future activities | Set up a waste information system within MINEPDED and chemicals use. To put in place with help from the Waste and Chemicals Directorate, a service dedicated to the development of statistics in this area who will be in charge of exploiting the reports half-yearly. |
| | Methodological guidance used for capacity development | Ongoing remote assistance (review of compendium and national action plan) |
| | Summary of outcomes of capacity development activity | SDG 11.6.1 (Municipal solid waste) Methodology: https://unstats.un.org/sdgs/metadata/files/Metadata-11-06-01.pdf SDG 12.4.2 (Hazardous waste) Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_12_4_2.pdf 12.5.1 (Recycling rate) Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_12_5_1.pdf |

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| | Other collaborating institutions, partners, etc. | National Institute of Statistics of Cameroon |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | National Institute of Statistics Pierre Sohkadjie Songo, sohkadjierpierre@yahoo.fr , https://environmentlive.unep.org/egm/national |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Workshop for the development of methodologies for collecting data for priority indicators under in the framework for the development of statistics in Cameroon |
| | Themes | FDES, Land, Forests, Human settlements and Disasters |
| | Focus of capacity development | The capacity development focused on the development of methodology for Land use and Land cover, Forests, Disasters and Human Settlements under the Framework for the Development of Environment Statistics. More specifically, the capacity development sought to; Better equip the Technical Committee in the resources required for the development of methodology for each priority areas mentioned previously; Better equip the Technical Committee with the Methodological Sheet for each of the 4 priorities areas; Establish the national working groups for the development of methodology for the 4 priority areas. |
| | Date(s) and location(s) | 20-21 June 2019, Yaoundé, Cameroon |
| | Planned future activities | A further development of existing draft methodologies and compendia |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml |
| | Summary of outcomes of capacity development activity | At the end of the workshop, the members of the technical committee were better equipped with resources required for the methodology development for the data collection of the national priority indicators under the FDES prepared by the country. In the future, this will be replicated to other areas under the FDES. |

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| | Other collaborating institutions, partners, etc. | |
| 4 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/costaricasecondchemicalsworkshop https://environmentlive.unep.org/egm/costaricawastestatistics |
| | Recipient institution name Contact person, e-mail, website Event website | Directorate of Environmental Health of the Ministry of Health of Costa Rica https://environmentlive.unep.org/egm/costaricasecondchemicalsworkshop https://environmentlive.unep.org/egm/costaricawastestatistics |
| | Funding mechanism | Development Account Programme, 7 th tranche – Chemicals and Waste |
| | Description of capacity development activity | National Workshop on the Chemicals and Waste Statistics in Costa Rica |
| | Themes | Chemicals and Waste |
| | Focus of capacity development | Determine hazardous waste statistics in Costa Rica in accordance with the Sustainable Development Goals (SDGs). Also, know the result of the report on the national inventory of hazardous waste data. As well as build more information on the statistical methodology for the collection of and reliable data for electronic waste statistics. |
| | Date(s) and location(s) | First mission: 14-15 November 2018, San José, Costa Rica Second mission: 25-26 June 2019, San José, Costa Rica |
| | Planned future activities | Ongoing remote assistance (review of compendium and national action plan) |
| | Methodological guidance used for capacity development | SDG 11.6.1 (Municipal solid waste) Methodology: https://unstats.un.org/sdgs/metadata/files/Metadata-11-06-01.pdf SDG 12.4.1 (MEAs on Hazardous Waste and Chemicals) Methodology: https://environmentlive.unep.org/indicator/index/12_4_1 SDG 12.4.2 (Hazardous waste) Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_12_4_2.pdf 12.5.1 (Recycling rate) Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_12_5_1.pdf |
| | Summary of outcomes of capacity development activity | The integral management of waste is an essential component of sustainable development. In order to carry on this task, there are a series of indicators of the Sustainable Development Goals (SDG) specifically aimed at monitoring waste and chemical substances, the impact on the environment and human health. There are indirect links that relate the objectives of the Sustainable Development Goals with the health of ecosystems, sustainable consumption and production. As part of fulfilling the objectives of this workshop, UNEP explored the number of parties to international multilateral environmental |

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| | | <p>agreements on hazardous waste and other chemical products that comply with their commitments and obligations in the transmission of information as required by each relevant agreement.</p> <p>Based on the approach of a series of questions about the immediate measures to follow on the relation to national statistics of chemicals and waste led to a series of conclusions in order to improve the collection and overall management to the of data, to visualize not only the progress in the area of integral waste management and also that also for making timely decisions.</p> |
| | Other collaborating institutions, partners, etc. | United Nations University (UNU) |
| 5 | Provider institution name Contact person, e-mail, website Event website | <p>United Nations Environment Programme (UNEP)</p> <p>Ms. Jillian Campbell, campbell7@un.org</p> <p>https://environmentlive.unep.org/egm/kazakhstanmfawastestatistics</p> |
| | Recipient institution name Contact person, e-mail, website Event website | <p>Committee on Statistics of Kazakhstan</p> <p>Ms Aigul Yepbayeva – Head of division of Production and environment statistics;</p> <p>Ms Manat Alimbetova –Chief expert of division of Production and environment statistics</p> <p>https://environmentlive.unep.org/egm/kazakhstan</p> |
| | Funding mechanism | UNDA 10th tranche programme, EU ENRTP GPGC, national contributions of Kazakhstan |
| | Description of capacity development activity | Kazakhstan National Workshop on Material Flow Accounts and Waste Statistics for SDGs |
| | Themes | Water, Waste Statistics, Material Flow Accounts |
| | Focus of capacity development | Natural Capital Accounting |
| | Date(s) and location(s) | 16-18 July 2018, Astana, Republic of Kazakhstan |
| | Planned future activities | Improve capacity for the production of environmental statistics and information products for monitoring progress on the implementation of the Sustainable Development Goals (SDGs). |
| | Methodological guidance used for capacity development | <p>SDG 6: https://environmentlive.unep.org/goal/index/six</p> <p>SDG Indicators 8.4.1 and 8.4.2 Methodologies: https://environmentlive.unep.org/goal/index/eight</p> <p>The System of Environmental-Economic Accounting (SEEA): https://seea.un.org/</p> <p>Environmental Information Systems (SEIS): https://www.unece.org/environmental-policy/environmental-monitoring-and-assessment/areas-of-work/shared-environmental-information-system.html</p> |

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| | Summary of outcomes of capacity development activity | UNEP and UNECE joined forces with the Committee on Statistics of Kazakhstan in the organization of a national capacity building workshop aimed at advancing knowledge and information on environmental information systems and effective application of SEIS environmental data sharing principles, and to improve capacity for the production of environmental statistics and information products for monitoring progress on the implementation of the Sustainable Development Goals (SDGs). Focusing on waste and water statistics, and introducing material flow accounts, the workshop also aimed at strengthening national capacities for the production of municipal and industrial waste statistics, as well as electronic waste statistics, in support of reporting and assessments. |
| | Other collaborating institutions, partners, etc. | UNECE |
| 6 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/kenyasecondmarineworkshop |
| | Recipient institution name Contact person, e-mail, website Event website | National Environment Management Authority (NEMA) of Kenya, Kenya Marine and Fisheries Research Institute (KMFRI), Western Indian Ocean Marine Science Association (WIOMSA) Ms. Catherine Mbaisi, CMbaisi@nema.go.ke https://environmentlive.unep.org/egm/kenyasecondmarineworkshop |
| | Funding mechanism | Norway Marine Litter Funds |
| | Description of capacity development activity | National Marine Litter Data Collection Training Workshop in Kenya |
| | Themes | Marine litter |
| | Focus of capacity development | Marine Litter Data Collection Identification of baseline data on the state of marine litter on the Kenyan coastline |
| | Date(s) and location(s) | 13-22 August 2019, Coastal counties, Kenya |
| | Planned future activities | Further support in the implementation of measuring SDG 14.1.1 |
| | Methodological guidance used for capacity development | SDG 14.1.1 Index of Coastal Eutrophication (ICEP) and Floating Plastic debris Density Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_14_1_1.pdf |
| | Summary of outcomes of capacity development activity | The National Marine Litter Data Collection Training in Kenya was a 10-day training exercise which aimed to build capacity in marine litter monitoring along Kenya's coast while simultaneously collecting a strong baseline of data on marine litter in Kenya's coastal regions. |

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| | | Over 130 sites were sampled in inland, riverine, coastal and offshore locations where participants who completed the training are now capable of autonomously replicating this data collection exercise in other location over the upcoming years. |
| | Other collaborating institutions, partners, etc. | National Environment Management Authority (NEMA) of Kenya, Kenya Marine and Fisheries Research Institute (KMFRI), Western Indian Ocean Marine Science Association (WIOMSA), Commonwealth Scientific and Industrial Research Organization (CSIRO) |
| 7 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/kyrgyzstan |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Committee of the Kyrgyz Republic https://environmentlive.unep.org/egm/kyrgyzstan |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Kyrgyzstan National Workshop on Shared Environmental Information Systems (SEIS) and Environmental Statistics for the Sustainable Development Goals (SDGs) |
| | Themes | Forest & Energy accounts |
| | Focus of capacity development | Methodology development and data collection of SDG Indicators 7.1.2, 7.2.1, 7.3.1, 7.a.1, 7.b.1, 15.1.2, 15.4.1, 15.9.1, 15.a.1 and 15.b.1 Gap analysis and the current state and development of SEIS |
| | Date(s) and location(s) | 11-14 June 2018, Bishkek, Kyrgyzstan |
| | Planned future activities | Unite efforts at country level to ensure synergies in the development of environmental information systems and improve capacities on environmental statistics for the SDGs. |
| | Methodological guidance used for capacity development | Environmental Information Systems (SEIS): https://www.unece.org/environmental-policy/environmental-monitoring-and-assessment/areas-of-work/shared-environmental-information-system.html |
| | Summary of outcomes of capacity development activity | To effectively report on progress on the environmental dimension of the SDGs, environmental data and information needs to be effectively collected, managed and shared between a variety of stakeholders. Knowledge-based societies require building up capacities to source, organize, interpret and communicate environmental data and information in an effective way in support of decision-making. In line with Shared Environmental Information Systems (SEIS) principles of open access to data, there is a recognition of the need for making national data from credible sources available in a meaningful way and in a format suitable to inform environmental governance at multiple levels. |

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| | | Kyrgyzstan is making efforts for implementing the 2030 Agenda for Sustainable Development and being able to report on the SDGs. These include the development of a national framework of SDG indicators supported by ready availability of data. Therefore, there is a strong need and opportunity to have linked information systems and indicators in place, including for reporting. A concrete example is the development of Kyrgyzstan's 6th national report to the Convention on Biological Diversity (CBD) for submission at the end of 2018. With this aim, experts discussed and improved their knowledge on the development of indicators and information system capacity for protected areas in Kyrgyzstan, as well as on the production of forest and energy accounts under the System for Environmental-Economic Accounting (SEEA). |
| | Other collaborating institutions, partners, etc. | UNECE, UNDP |
| 8 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/malawi |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistics Office, Malawi Sautso Wachepa, sauwachepa@gmail.com https://environmentlive.unep.org/egm/malawi |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Capacity Building Workshop on Satellite Accounts of the Environment in Malawi |
| | Themes | Physical Accounts of Water, Land and Forests |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | First mission: 17-19 December 2018, Lilongwe, Malawi Second mission: 13-15 June 2019, Lilongwe, Malawi |
| | Planned future activities | Complete assessment of the ESSAT tool and build National Compendium on Environment Statistics |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml |

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| | Summary of outcomes of capacity development activity | The objective of the workshop was to build the capacity of Technical Committee members in the development of environmental satellite accounts. The workshop specifically focused on the water, land, and forests accounts and the capacity building for these accounts with an overview on component 2 of the Framework for the Development of Environment Statistics (FDES). This Capacity Development excessive also introduced the participants to data modelling and implementing the Statistical Data and Metadata eXchange (SDMX) for national data reporting. Key findings and conclusions from the workshop included: There is a strong need for coordination and collaboration among the institutions responsible for collecting environment statistics ESSAT to form a basis of data structure available and missing within the institutions that collects environment statistics Follow up workshop to analyze the data collected through ESSAT. Need a standalone workshop on SDMX tool with targeted participants and develop if for its use in Malawi through NSO |
| | Other collaborating institutions, partners, etc. | UNECA |
| 9 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/russia |
| | Recipient institution name Contact person, e-mail, website Event website | https://environmentlive.unep.org/egm/russia |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Joint Workshop on environment-related SDG Indicators in the Russian Federation |
| | Themes | Environment-related SDGs |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | 19- 21 March 2019, Moscow, Russian Federation |
| | Planned future activities | Development of a National Compendium on Environment Statistics |

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| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml The System of Environmental-Economic Accounting (SEEA): https://seea.un.org/ |
| | Summary of outcomes of capacity development activity | This national workshop focused on a closer look at the environment related SDGs, their data sources and data flows. A collaboration effort between ROSSAT, UNECE, OECD and UN Environment, this workshop took a closer look at environment statistics with the environment-relayed Sustainable Development Goals as the backdrop for the six sessions held. A focus of this workshop was the existing methodologies and data processes for several of the environment-related SDG Indicators. These included topics on water, waste, air quality, marine areas, land cover, material footprint and fossil fuels. An area of interest equally focused on the UN Framework for the Development of Environment Statistics (FDES) and the System of Environmental-Economic Accounting (SEEA) in support of producing SDG indicators |
| | Other collaborating institutions, partners, etc. | ROSSTAT, UNECE, OECD |
| 10 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | Federal Ministry of the Environment, Nature Conservation and Nuclear Safety (REM CIS + Countries) https://environmentlive.unep.org/egm/national |
| | Funding mechanism | United Nations University – VIE SCYCLE: E-Waste |
| | Description of capacity development activity | Regional E-waste Monitor Commonwealth of Independent States plus Ukraine, Turkmenistan and Georgia (REM CIS+) |
| | Themes | E-Waste |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | 20-23 January 2020, Moscow, Russia |
| | Planned future activities | Support REM CIS + Countries in developing internationally comparable e-waste statistics. |

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| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | <p>This project's objective is to produce a Regional E-waste Monitor for the Commonwealth of Independent States (CIS). It is done within the framework of the Global E-waste Statistics Partnership and implemented in close cooperation with the respective governments and statistical offices, UNEP and UNITAR. The UNECE Joint Task Force on Environmental Statistics and Indicators (JTF) will be used as a platform for presentation and discussion of the results of the project.</p> <p>The purpose of this first E-waste Statistics Training Workshop under the project is to strengthen the capacity of the National Statistical Offices and Ministries of Environment to assist them in the compilation of international comparable e-waste statistics.</p> <p>Outcomes of this capacity building include: Enhanced capacity in the countries to compile e-waste statistics in the two E-waste tools developed by the United Nations University; Using the E-waste Tools from UNU to update national data to the Global E-waste Statistics Partnership (https://globalewaste.org/); Use of the E-waste tool for national policy and statistical purposes; Increased skills to carry out national e-waste inventories and develop pilot questionnaires to collect data at national level; Country feedback on clarifications/improvements to the current E-waste Tool and E-waste Manual from UNU;</p> |
| | Other collaborating institutions, partners, etc. | UNU, UNITAR, UNECE |
| 11 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/senegal https://environmentlive.unep.org/egm/senegalenvironmentalaccounts |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistics Office, Ministry of Environment Insa Sadio https://environmentlive.unep.org/egm/senegal https://environmentlive.unep.org/egm/senegalenvironmentalaccounts |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Capacity Building Workshops on Satellite Environmental Accounts |
| | Themes | Physical Accounts of Water, Land and Forests |

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| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | First mission: 10-13 April 2018, Dakar, Senegal Second mission: 5-6 December 2018, Dakar, Senegal |
| | Planned future activities | Assistance from UNEP to the country to overcome challenges in the water, land and forests account and in the completion of the ESSAT. Assist Senegal in the development of a National Compendium on Environment Statistics. Provide a solution for the SDMX API format from generic to specific. |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml |
| | Summary of outcomes of capacity development activity | The objective of this workshop was to build the capacity of Technical Committee members in the development of environmental satellite accounts. As part of the workshop, participants were trained in the development of physical accounts (forests and timber resources, land management, water resources), environmental goods and services accounts, and finalize the filling of the self-assessment tool for environmental statistics. At the end of the workshop, the members of the technical committee were better equipped to prepare the accounts. In the future, an inventory of the availability of environmental statistics will be made. |
| | Other collaborating institutions, partners, etc. | UNECA, UNSD |
| 12 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/seychellesmarineworkshop https://environmentlive.unep.org/egm/seychellesmarineworkshop |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment and Climate Change of Seychelles, the Western Indian Ocean Marine Science Association (WIOMSA), and the Commonwealth Scientific and Industrial Research Organisation (CSIRO). https://environmentlive.unep.org/egm/seychellesmarineworkshop https://environmentlive.unep.org/egm/seychellesmarineworkshop |
| | Funding mechanism | Norway Marine Litter Funds |
| | Description of capacity development activity | National Marine Litter Data Collection Training Workshop in Seychelles and Workshop on Marine Litter National Source Inventories in Seychelles |

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| | Themes | Marine Litter |
| | Focus of capacity development | Marine Litter Data Collection Identification of baseline data on the state of marine litter |
| | Date(s) and location(s) | First mission: 26 August - 4 September 2019, Mahe island, Seychelles Second mission: 5 September 2019, Victoria, Seychelles |
| | Planned future activities | Further support in the implementation of measuring SDG 14.1.1 |
| | Methodological guidance used for capacity development | SDG 14.1.1 Index of Coastal Eutrophication (ICEP) and Floating Plastic debris Density Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_14_1_1.pdf |
| | Summary of outcomes of capacity development activity | The objectives of the workshop were to test the draft methodology for SDG indicator 14.1.1 on marine litter and further refine it based on field experiences with CSIRO's methodology, collect a robust baseline of data on the state of marine litter in Seychelles, in order to inform the National Source Inventory for marine litter currently under development, and lead to a National Action Plan on Marine Litter in Seychelles, building on the Nairobi Convention's recent Regional Action Plan for Marine Litter in East Africa, and build capacity in marine litter monitoring and data collection among participants, who were composed of government officials, civil society NGOs, and academia. Over 100 sites were sampled in inland, riverine, coastal (beach) and offshore locations across all of Mahe island, with further sites on outlying islands planned for future data collection. The purpose of the second workshop was to debrief on the National Marine Litter Data Collection Workshop, which had occurred immediately preceding this workshop, while including policy-makers from the Ministry of Environment to present preliminary results of the data collection to them and discuss future steps. The concept of National Source Inventories was presented and detailed, with feedback received. A strong interest was expressed in continuing this approach with further data collection including on other islands of the Seychellois archipelago, with a long term view of developing a national action plan on marine litter, in line with the Nairobi Convention's Regional Action Plan for Marine Litter in East Africa. |
| | Other collaborating institutions, partners, etc. | |
| 13 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | Tanzania National Bureau of Statistics Ruth Minja, ruth.minja@yahoo.com https://environmentlive.unep.org/egm/national |
| | Funding mechanism | Development Account Programme, 10 th tranche |

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| Description of capacity development activity | National workshop on E-waste data validation and introduction to compilation of climate change statistics |
| Themes | E-Waste, Climate Change, Environment Statistics |
| Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| Date(s) and location(s) | First mission: 13-15 May 2019, Dar es Salaam, Tanzania Second mission: 30 October 2019, Dodoma, Tanzania |
| Planned future activities | Opportunities for future collaboration between the National Statistics Bureau, UN Environment and other stakeholders presented during and in the aftermath of this workshop included: Stakeholders' workshop to review the draft report for 2018 NCCR. Capacity Development on GIS and Remote sensing. Training on the technical application and use of the 661 App. |
| Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml |
| Summary of outcomes of capacity development activity | The objective of this workshop is to aid in the development of e-waste and climate change-related and SDG statistics in Tanzania. The workshop will provide a country case study on the development of national official statistics for e- waste and climate change reporting and monitoring. The capacity development focused on: Data availability and access, conversions to comply with the format of e-waste tool, classification, data validation, Populating the e- waste tool with the national data, generation of e waste statistics, challenges and recommendations. Use of Framework for the Development of Environment Statistics (FDES) in compilation of climate change statistics, linking climate change statistics with the national, regional and global development frameworks. Identification of climate change indicators, Data availability and access, challenges and recommendations and climate change process, climate change evidence, climate change impacts and vulnerability and mitigation and adaptation. The link between, water extent (SDG 6.6.1) and land degradation (SDG 15.3.1) to climate change as the two indicators are prominent in the cycle of the drivers, pressure, state, impacts and responses in climate change. Key observations identified during the workshop are: Some of the challenges faced in measuring climate change statistics include; lack of technical expertise and technology, lack of harmonization and coordination among key climate change stakeholders, lack of data collection and subsequent failure to set baselines. |

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| | | <p>The role of the National Statistics Bureau in Climate Change Statistics should be the coordination of statistical systems to ensure delivery of timely and quality statistics, and compilation of the statistics in readiness for reporting to policy makers, National Voluntary Reports and International Organizations.</p> <p>There is need to use the ESSAT to form a basis data structure available and missing within institutions, not only in Climate Change Statistics but other core environment statistics as well.</p> <p>An in-depth analysis by the participants of the ESSAT revealed that not all Climate Change Indicators listed in the questionnaire were relevant to Tanzania and there was need for additional indicators such as the monthly number of rainy days.</p> |
| | Other collaborating institutions, partners, etc. | UNU |
| 14 | Provider institution name Contact person, e-mail, website Event website | <p>United Nations Environment Programme (UNEP)</p> <p>Ms. Jillian Campbell, campbell7@un.org</p> <p>https://environmentlive.unep.org/egm/national</p> |
| | Recipient institution name Contact person, e-mail, website Event website | <p>Tanzania National Bureau of Statistics</p> <p>Ruth Minja, ruth.minja@yahoo.com</p> <p>https://environmentlive.unep.org/egm/national</p> |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | National Workshop for Pilot Testing the Draft Methodology for Measuring SDG Indicator 17.14.1 and Development of Environmental Satellite Accounts |
| | Themes | Policy Coherence, Environmental Statistics |
| | Focus of capacity development | <p>Methodological development of SDG 17.14.1</p> <p>National action plan</p> <p>Assessment (ESSAT)</p> |
| | Date(s) and location(s) | 13-14 January 2020, Dar es Salaam, Tanzania |
| | Planned future activities | <p>Simplification of methodology for SDG 17.14.1</p> <p>Thematic review of indicators in FDES</p> <p>Setting of priority areas in environment statistics</p> |
| | Methodological guidance used for capacity development | <p>Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml</p> <p>SDG 17.14.1 Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_17_14_1.pdf</p> |

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| | <p>Summary of outcomes of capacity development activity</p> | <p>A consultation workshop full day was organized in collaboration with the National Bureau of Statistics (NBS) in order to present the draft methodology and attempt to apply it to the national case in order to:</p> <ul style="list-style-type: none"> Receive general feedback on the indicator framework as a whole as well as specific feedback on the different sub indicators Identify the various policy coherence mechanisms that exist nationally, and how/whether they fit into the list of 8 types of mechanisms identified by the International Expert Group Assess whether any types of policy coherence mechanisms are missing from the methodology, or whether the methodology is unable to account for existing policy coherence mechanisms Apply the value system in practice and determine its suitability and usefulness to member states Examine the usefulness of the guidance notes Identify any challenges for member states in applying the methodology <p>The zero-draft methodology was well understood, and the participants agreed that this was a good tool capturing the necessary mechanisms that exist to enhance policy coherence for sustainable development. The discussions highlighted the need for more clarity and streamlining of the language especially when it came to the policy concepts used. It was suggested to provide a glossary of terms for the indicator framework. Questions were answered by the facilitator on the scope of sustainable development and the effectiveness of the mechanisms. Some confusion arose whether the mechanisms should enhance policy coherence rather than policy coherence for sustainable development specifically.</p> <p>The capacity building also focused on development of environmental satellite accounts, particularly on development of physical accounts (forests and timber resources, land management, water resources); and preparation of environmental goods and services accounts. The capacity building was important to enhance compilation and availability of environmental statistics in Tanzania to help reporting on a number of national, regional and global development frameworks. UNEP sought to build the capacity of Technical Committee members in the development of environmental satellite accounts. The workshop focused on the water, land, and forests accounts and the capacity building for these accounts started by presenting an overview on component 2 of the Framework for the Development of Environment Statistics. Specifically, the workshop sought to:</p> <ul style="list-style-type: none"> better equip the Technical Committee in the development of physical accounts (forests and timber resources, land management, water resources); better equip the Technical Committee in the preparation of environmental goods and services accounts. |
| | <p>Other collaborating institutions, partners, etc.</p> | |
| <p>15</p> | <p>Provider institution name Contact person, e-mail, website Event website</p> | <p>United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/guyana https://environmentlive.unep.org/egm/guyanasecondworkshop</p> |

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| Recipient institution name Contact person, e-mail, website Event website | Guyanese Department of Environment (DoE) https://environmentlive.unep.org/egm/guyana https://environmentlive.unep.org/egm/guyanasecondworkshop |
| Funding mechanism | Development Account Programme, 11 th tranche – Policy Coherence |
| Description of capacity development activity | Strengthening the Environmental Dimension of the SDGs: Guyana’s Green State Development Strategy: Vision 2040 |
| Themes | FDES, Land accounts, Policy Coherence and Environment-related SDGs |
| Focus of capacity development | Mapping out existing data streams and identifying gaps, constraints and country needs. Cohesion between all waste-related indicator methodologies through close collaboration and communication among all indicator focal points |
| Date(s) and location(s) | First mission: 7-8 February 2019, Georgetown, Guyana Second mission: 6-8 August 2019, Georgetown, Guyana |
| Planned future activities | The incorporation of environment statistics in the priority areas of Guyana’s Vision 2040 |
| Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml SDG 17.14.1 Methodology: https://environmentlive.unep.org/media/docs/projects/metadata_17_14_1.pdf |
| Summary of outcomes of capacity development activity | The project, “Strengthening the environmental dimensions of the sustainable development goals” (SDG-SED Guyana Project) is a component of a larger project implemented by UNEP and its partners in four countries: Burkina Faso, Bangladesh, Colombia and Guyana. The Project’s goal is to strengthen the capacity of participating countries to: Collect sectoral data, derive national statistics, monitor and report on the country’s progress towards achievement of the environmental targets and indicators of the Sustainable Development Goals (SDGs) and Multilateral Environmental Agreements (MEAs), in accordance with national priorities; Establish institutional arrangements to integrate environmental considerations in the planning, implementation and reporting processes of the 2030 Sustainable Development Agenda and its related 17 goals and targets. The overall objectives of the inception mission were to introduce the project to representatives of the Guyanese government and to seek their engagement in it. The mission provided us with an opportunity to meet the main Guyanese experts, to explain Midsummer Analytics’ role in the project and to seek their input on how we could best meet their needs. Based on discussions during the workshop, we were able to: establish contact with key environmental statistics experts, and propose an initial set of topics to be covered during the subsequent training workshop, which was then further refined through e-mail discussion with the DoE point of contact and the UNEP Project Manager. |

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| | Other collaborating institutions, partners, etc. | |
| 16 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/tajikistanstatistics |
| | Recipient institution name Contact person, e-mail, website Event website | https://environmentlive.unep.org/egm/tajikistanstatistics |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | National Workshop on Shared Environmental Information Systems (SEIS) and Environmental Statistics for the Sustainable Development Goals (SDGs) in Tajikistan |
| | Themes | Cross-cutting elements of environmental statistics, partnerships, data and accountability, Forest and Water accounting |
| | Focus of capacity development | Natural Capital Accounting |
| | Date(s) and location(s) | November 2018, Dushanbe, Tajikistan |
| | Planned future activities | Improve capacity to produce environmental statistics and information products for monitoring progress on the implementation of the Sustainable Development Goals (SDGs). |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml The System of Environmental-Economic Accounting (SEEA): https://seea.un.org/ Environmental Information Systems (SEIS): https://www.unece.org/environmental-policy/environmental-monitoring-and-assessment/areas-of-work/shared-environmental-information-system.html |
| | Summary of outcomes of capacity development activity | The workshop held was designed to advance understanding and effective application of SEIS environmental data sharing principles by relevant national agencies in Tajikistan and to improve capacity to produce environmental statistics for monitoring progress on the implementation of the Sustainable Development Goals (SDGs). The workshop's focus was on highlighting practical, country-specific benefits of the System of Environmental-Economic Accounting (SEEA), the United Nations Framework for the Development of Environment Statistics (FDES), and their relation to relevant SEIS and SDG indicators, with a focus on Water and Forest accounts. |

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| | | <p>This capacity development exercise identified ways for strengthening inter-agency collaboration on information sharing and reporting, including indicator-based state of the environment reporting and environmental statistics yearbooks. A team of national experts, based on the new information and ideas from this training and experience exchange, worked on a list of seven new environmental indicators in accordance with UNECE methodological recommendations.</p> <p>As a result, this workshop sought to shape effective application of environmental data sharing principles by relevant national agencies in Tajikistan and to improve capacity for production of environmental statistics for monitoring progress on the implementation of the SDGs.</p> |
| | Other collaborating institutions, partners, etc. | UNECE |
| 16 | Provider institution name Contact person, e-mail, website Event website | <p>United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm</p> |
| | Recipient institution name Contact person, e-mail, website Event website | <p>Department of Statistics Dr. Qassem Saeed Al-Zoubi, qasemalzoubi@outlook.com https://environmentlive.unep.org/egm</p> |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Workshop on Gender and Environment Statistics in Jordan |
| | Themes | Gender and environment, Land, Water, Energy, Climate Change |
| | Focus of capacity development | National action plan on Gender and Environment Statistics |
| | Date(s) and location(s) | 26-28 January 2020, The Hashemite Kingdom of Jordan |
| | Planned future activities | Improve capacity to produce gender inclusive environmental statistics and information products for monitoring progress on the implementation of the Sustainable Development Goals (SDGs). |
| | Methodological guidance used for capacity development | <p>Gender and Environment Statistics: Unlocking information for action and measuring the SDGs: https://wedocs.unep.org/bitstream/handle/20.500.11822/27615/Gender_Environment_Statistics.pdf?sequence=1&isAllowed=y</p> |

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| Summary of outcomes of capacity development activity | <p>This workshop looked to explore connections between environmental concerns, gender equality and women’s empowerment to better understand enabling conditions as well as challenges for the collection and application of gender data across environmental sector. This will directly contribute to exploration of the best practices for developing indicators, gathering information and statistics at national level for the environmental sector and related Sustainable Development Goals.</p> <p>The capacity building equally highlights the importance of collecting data and developing statistics to better identify and address issues at the nexus of gender and environment spheres. Pilot studies on Gender and Environment statistics were conducted in Kenya, Mexico and Lao People’s Democratic Republic; which heavily contributed to UN Environment and IUCN’s recently launched publication Gender and Environment Statistics: Unlocking information for action and measuring the SDGs. This publication has four priority areas, they are:</p> <p>Right to land, natural resources and biodiversity (linked to SDG 1, 5, 14, 15); Access to food, energy, water and sanitation (SDG 2, 5, 6 and 7); Climate change, sustainable consumption and production, and health and well-being (SDG 1, 3, 5, 11, 12 and 13); and Women in environmental decision making (SDG 5).</p> |
| Other collaborating institutions, partners, etc. | |

3.2.14 United Nations Environment Programme World Conservation Monitoring Centre (WCMC)

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| Provider institution name Contact person, e-mail, website Event website | UN Environment Programme World Conservation Monitoring Centre Marine Deguignet, marine.deguignet@unep-wcmc.org |
| Recipient institution name Contact person, e-mail, website Event website | Representatives of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan and Russian governments. Kyrgyzstan: State Agency on Environment Protection and Forestry, Department of Biodiversity conservation and specially protected natural areas, Aarhus Centre, Fauna and Flora International. Russia: Information and analytical center of the Ministry of nature resources, WWF Russia. Tajikistan: National Centre on Implementation of the National Action Plan on Environmental Protection, Research Laboratory for Nature Protection of the Committee on Environmental Protection under the Government of the Republic of Tajikistan. Turkmenistan: Society of Nature Protection of Turkmenistan. Uzbekistan: State Committee of the Republic of Uzbekistan for ecology and environment protection. |
| Funding mechanism | UNEP-WCMC Proteus Partnership |
| Description of capacity development activity | Workshop on Protected Areas data in the Central Asian Sub-Region |
| Themes | Protected Areas, Aichi Biodiversity Target 11 |

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| Focus of capacity development | Accessing, using and updating national data contained within the World Database on Protected Areas – this supports Convention on Biological Diversity’s Aichi Biodiversity Target 11 and SDG indicators 15.1.2 and 15.4.1 |
| Date(s) and location(s) | 7-12 October 2019 Bishkek, Kyrgystan |
| Planned future activities | Countries in this region are very keen to learn, share and be involved in more capacity building exercises. So we are looking more closely on how to support another regional capacity building workshop there. |
| Methodological guidance used for capacity development | Presentation can be sent upon request. https://www.iucn.org/regions/eastern-europe-and-central-asia |
| Summary of outcomes of capacity development activity | We identified a series of further capacity needs, mainly on GIS, data management, management effectiveness. Data for all these countries are very out of date in the WDPA and for the first time, these countries are very keen on sharing their information with us and see how we can collaborate on Protected Areas related projects together. |
| Other collaborating institutions, partners, etc. | IUCN Regional Office for Eastern Europe and Central Asia |

3.2.15 United Nations Office for Disaster Risk Reduction (UNDRR)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations Office for Disaster Risk Reduction (UNDRR) Second Training of Trainers on Sendai Framework Monitoring System including Disaster Loss Accounting Rahul Sengupta sengupta@un.org https://www.unisdr.org/ https://www.preventionweb.net/events/view/66929?id=66929 |
| | Recipient institution name Contact person, e-mail, website Event website | CDEMA; Protection and Rescue Directorate, North Macedonia; UNDP Bangkok Regional Hub; DG ECHO, European Commission; CEPRDENAC; Bulgaria; Earth Sciences and Seismic Engineering Centre (ESSEC), Palestine; Ecuador; WHO; Prime Minister's Office, Tanzania; Economic Cooperation (ECO); UN-Environment; SEDEC, Brazil; Serbia; Ministry of Security, Bosnia and Herzegovina; Arab Urban Development Institute ; Agence Nationale de Protection Civile, Benin; Bulgaria; UNDP, Indonesia; Arab STAG; Ministry of Security, Bosnia and Herzegovina; FAO Rome; FAO Geneva |
| | Funding mechanism | Supported by Federal Foreign Office, Government of Germany |
| | Description of capacity development activity | This training workshop was aimed to create a pool of experts on Sendai Framework monitoring and disaster loss accounting by training organizational partners and selected experts coming from different regions who could support the training of Member States and other related stakeholders on these areas of work. |
| | Themes | Sendai Framework monitoring and disaster loss accounting |

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| | Focus of capacity development | Methodologies of data collection; Data entry on online platform of the Sendai Framework monitor and the DesInventar disaster loss accounting tool; Optimising data analysis for better decision making. |
| | Date(s) and location(s) | 16-19 Sep 2019, Bonn, Germany |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Technical Guidance Notes for Sendai Framework monitoring |
| | Summary of outcomes of capacity development activity | Member States and other related stakeholders will have access to high quality on-site or off-site technical assistance on Sendai Framework monitoring and disaster loss accounting from these participating partners and experts. |
| | Other collaborating institutions, partners, etc. | FAO and WHO |
| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations Office for Disaster Risk Reduction (UNDRR) Training of Member States and related institutions on Sendai Framework monitoring and Disaster loss accounting at regional and national levels Organized by UNDRR Regional Offices of Africa, Americas and the Caribbean, Arab States, Asia-Pacific and Europe and Central Asia https://www.unisdr.org/ https://www.preventionweb.net/events/view/66929?id=66929 |
| | Recipient institution name Contact person, e-mail, website Event website | Sendai Framework focal point organizations of Member States and other ministries and departments including national statistical organizations as also other stakeholders related to monitoring of the said Framework. |
| | Funding mechanism | Various extra-budgetary sources |
| | Description of capacity development activity | These training workshops were aimed to develop capacities of Member States and other related stakeholders in Sendai Framework monitoring and disaster loss accounting |
| | Themes | Sendai Framework monitoring and disaster loss accounting |
| | Focus of capacity development | Methodologies of data collection; Data entry on online platforms of the Sendai Framework monitor and the DesInventar disaster loss accounting tool; Optimising data analysis for better decision making. |
| | Date(s) and location(s) | At different times in 2018-2019 across the Africa, Americas and the Caribbean, Arab States, Asia-Pacific and Europe and Central Asia regions at the regional and national levels |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Technical Guidance Notes for Sendai Framework monitoring |

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| Summary of outcomes of capacity development activity | Member States and other related stakeholders have enhanced capacities in Sendai Framework monitoring and disaster loss accounting |
| Other collaborating institutions, partners, etc. | |

3.2.16 United Nations Statistics Division (UNSD), Environment Statistics Section

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| 1. | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml https://unstats.un.org/unsd/envstats/meetings/2019-Gambia/Gambia.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | The Gambia Bureau of Statistics Mr. Nyakassi Sanyang (Statistician General), kassialieu@yahoo.co.uk , www.gbos.gov.gm |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Bilateral consultations and national workshops on environment statistics. Remote assistance to countries |
| | Themes | General on FDES, water, waste, forest, biodiversity, land, climate change |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | First mission: 5-9 February 2018, Banjul, The Gambia Second mission: 5-9 August 2019, Banjul, The Gambia |
| | Planned future activities | Ongoing remote assistance (review of compendium and national action plan) |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf |
| | Summary of outcomes of capacity development activity | The aim of the missions and training workshops was to enhance the technical capacities of key partners in The Gambia to take part in the development of the National Statistics System with a strong environmental component to ensure timely reporting for the relevant SDGs and Multilateral Environmental Agreements. As a result of the discussions and |

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| | | the training sessions, several recommendations, commitments and conclusions were drawn which will lead to the gradual establishment of an interinstitutional partnership on environment statistics with firm commitment to collaborate for specific outputs: including first and second national compendiums on environment statistics, National Action Plan, as well as further capacity building initiatives and projects. In due course, any such compendium shall be uploaded to the below website: https://unstats.un.org/unsd/envstats/fdescompendia.cshtml . |
| | Other collaborating institutions, partners, etc. | |
| 2. | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml https://unstats.un.org/unsd/envstats/meetings/2018-Arab%20Region/ArabRegion.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | Western Asia Statistical offices and experts from Ministries of Environment Ms. Wafa Aboul Hosn, aboulhosn@un.org , https://www.unescwa.org/ https://www.unescwa.org/events/workshop-environment-statistics-and-information-sustainable-development-arab-region-unsd The following countries attended: Austria, Egypt, Iraq, Jordan, Kuwait, Lebanon, Libya, Mauritania, Morocco, Oman, Qatar, State of Palestine, Sudan, Syria, Tunisia, Tanzania, Yemen |
| | Funding mechanism | United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Workshop on Environment Statistics and Information for Sustainable Development in the Arab Region |
| | Themes | General on FDES, waste and water statistics, as well as environmentally-related SDG indicators and climate change statistics |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | 12-16 November 2018, Beirut, Lebanon |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf |

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| | Summary of outcomes of capacity development activity | The Workshop contributed to providing statisticians from National Statistical Offices and experts from selected Ministries of Environment (or equivalent institutions) in the region with detailed knowledge and understanding of approaches to environment statistics, thus allowing them to identify gaps and deficiencies in environmental data, and contribute to the production of regular, accurate and reliable environment statistics that can allow developing environmental indicators and accounts relevant to policy making and SDGs monitoring. The Workshop discussed and adopted a key set of recommendations on the way forward. |
| | Other collaborating institutions, partners, etc. | Economic and Social Commission for Western Asia (ESCWA), the United Nations Environment Programme (UNEP), and the European Environment Agency (EEA). |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | Instituto Nacional de Estadística de Guinea Ecuatorial (INEGE) Mr. Ricardo Nsue Ndemesogo Obono (Director-General), ndemesogo@inege.gq , http://www.inege.gq/ |
| | Funding mechanism | United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Mission (Bilateral Consultations and Workshop) on Strengthening Environment Statistics for Improved Monitoring of Sustainable Development in Equatorial Guinea. |
| | Themes | General on FDES, water, waste, biodiversity, land, extreme events and disasters, environmental health, climate change |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | 9-13 April 2018 Malabo, Equatorial Guinea |
| | Planned future activities | |
| | Methodological guidance used for capacity development | Framework for the Development of Environment Statistics (FDES 2013) and its supporting tools (Environment Statistics Self-Assessment Tool (ESSAT), Manual on the Basic Set of Environment Statistics. https://unstats.un.org/unsd/envstats/fdes.cshtml |

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| | https://unstats.un.org/unsd/envstats/fdes/essat.cshtml https://unstats.un.org/unsd/envstats/fdes/manual_bses.cshtml https://unstats.un.org/unsd/statcom/doc13/BG-FDES-Environment_Blueprint.pdf |
| Summary of outcomes of capacity development activity | The purpose of this mission was, inter alia, to reunite the different stakeholders so that they could discuss the availability of environment statistics in the country, assess the need of and uses for environment statistics. The participants discussed and adopted recommendations that included the creation of a National Committee on Environment Statistics and the National Action Plan for the Development of Environment Statistics. |
| Other collaborating institutions, partners, etc. | Central African Economic and Monetary Community (CEMAC). |

3.2.17 United Nations Statistical Institute for Asia and the Pacific (SIAP)

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| 1. | Provider institution name Contact person, e-mail, website Event website | United Nations Statistical Institute for Asia and the Pacific (SIAP) Mr. Makoto Shimizu, makoto.shimizu@un.org http://www.unsiap.or.jp/programmes/es.html |
| | Recipient institution name Contact person, e-mail, website Event website | 27 middle-level technical staff from the NSO and middle-level officers from the Ministry of Environment which uses or provides environmental information for policy formulation from 19 countries: Azerbaijan, Bhutan, Botswana, Egypt, Indonesia, Kazakhstan, Lao People's Democratic Republic, Malawi, Maldives, Mongolia, Myanmar, Nepal, Sri Lanka, Sudan, Tajikistan, Thailand, Timor-Leste, Uzbekistan and Vanuatu |
| | Funding mechanism | SIAP trust fund |
| | Description of capacity development activity | Training Programme on Environment Statistics and the System of Environmental-Economic Accounting for SDGs |
| | Themes | Framework for the Development of Environment Statistics (FDES) and the System of Environmental-Economic Accounting (SEEA) |
| | Focus of capacity development | <ul style="list-style-type: none"> • Overview of environment statistics, FDES, SEEA and SDG context in relation to environment statistics; • Indicators: data sources, approaches, calculation and reporting; • Natural disaster indicators and sources; • Refresher on SEEA (data sources, compilation methods, approaches): Physical flow, Water, Solid Waste, and Land; • Applying the SEEA diagnostic tool and connecting with policy makers and users; and Individual/group research on national data sources, and application issues. |

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| | Date(s) and location(s) | 2-6 September 2019 Chiba Japan |
| | Planned future activities | none |
| | Methodological guidance used for capacity development | <ul style="list-style-type: none"> • FDES: https://unstats.un.org/unsd/ENVIRONMENT/fdes.htm • SEEA: https://unstats.un.org/unsd/envaccounting/seea.asp |
| | Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Enhanced training capacity in participating countries to produce environment statistics, and understand basic concepts and applications of the SEEA Central Framework, as well as, data requirements for basic accounts; and • Recommendations for a regular ESCAP training programme on environment statistics. |
| | Other collaborating institutions, partners, etc. | ESCAP Statistics Division |
| 2. | Provider institution name Contact person, e-mail, website Event website | United Nations Statistical Institute for Asia and the Pacific (SIAP) Mr. Makoto Shimizu, makoto.shimizu@un.org http://www.unsiap.or.jp/programmes/es.html |
| | Recipient institution name Contact person, e-mail, website Event website | 19 senior technical staff from the national statistical offices and from planning office which use or provide environmental/ climate change information for policy analysis from Fiji, Kiribati, Marshall Islands, Micronesia, Nauru, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga, and Vanuatu |
| | Funding mechanism | SIAP trust fund |
| | Description of capacity development activity | Training Programme on Climate Change Related Statistics and the System of Environmental-Economic Accounting for Pacific Island Countries |
| | Themes | Climate Change Related Statistics and the System of Environmental-Economic Accounting (SEEA) |
| | Focus of capacity development | <ul style="list-style-type: none"> • Introduction - overview of integrated statistics, SEEA and the Framework for the Development of Environment Statistics (FDES), Pacific regional Climate Change and SDG context in relation to environment statistics • Climate change indicators <ul style="list-style-type: none"> ○ data sources and approaches ○ climate change indicators calculation and reporting • Natural disaster indicators and sources • Refresher on SEEA (data sources, compilation methods, approaches): <ul style="list-style-type: none"> ○ SEEA: Land ○ SEEA: Solid Waste ○ SEEA: Energy ○ SEEA: Water • Applying the SEEA diagnostic tool and connecting with policy makers and users • Individual/group research on national data sources, and application issues |
| | Date(s) and location(s) | 17-21 September 2018, Nadi, Fiji |

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| Planned future activities | none |
| Methodological guidance used for capacity development | <ul style="list-style-type: none"> • SEEA: https://unstats.un.org/unsd/envaccounting/seea.asp • FDES: https://unstats.un.org/unsd/ENVIRONMENT/fdes.htm • Pacific SDG indicators on environment issues • CES Task Force set of 39 core climate change-related indicators: https://www.unece.org/fileadmin/DAM/stats/documents/ece/ces/2017/CES_3-Climate_change_related_statistics_-_set_of_indicators_for_upload.pdf |
| Summary of outcomes of capacity development activity | <ul style="list-style-type: none"> • Improved availability of climate change-related indicators in participating countries; • Enhanced technical, including training, capacity in participating countries to produce climate change-related statistics, and understand basic concepts and applications of the SEEA Central Framework, as well as, data requirements for basic accounts which are of interest to the Pacific region; • Recommendations for a regular ESCAP training programme on climate change-related and SEEA statistics; and • Recommendations for the CES Task Force on a set of key climate change-related statistics using the SEEA for the further development of its core set of indicators. |
| Other collaborating institutions, partners, etc. | ESCAP Statistics Division and ESCAP Pacific Office |

3.2.18 United Nations University (UNU)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations University, ViE, SCYCLE (team in transition to UNITAR) Kees Balde, balde@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | National Bureau of Statistics Tanzania Ruth Minja, ruth.minja@nbs.go.tz |
| | Funding mechanism | External donors: GIZ |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 16-18 October 2018 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the workshop was to strengthen the capacity of two National Statistical Office to assist them in the compilation of international comparable e-waste statistics. Prior setting the objectives and outcomes of this project, an inventory was made with the countries, and the expected outcomes were formulated. All the expected results have been achieved successfully during the three-day workshop. |
| | Other collaborating institutions, partners, etc. | |
| 2 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Magalid Lujan Cutina, Ministry of Environment of Argentina mcutina@ambiente.gov.ar Webinar, 29.07.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin- American Countries |

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| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 29.07.2019, Bonn |
| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 3 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Aldo Cesar Soto Fernandez, Directorate General for Solid Waste Management of Bolivia aldocesar.mla@gmail.com Webinar, 09.08.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin - American Countries |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 09.08.2019, Bonn |
| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 4 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |

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| | Recipient institution name Contact person, e-mail, website Event website | Norma Plaza Vergara, Ministry of Environment of Chile NPlaza@mma.gob.cl Webinar, 17.07.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin-American Countries |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 17. 07.2019, Bonn, Germany |
| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 5 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Katia Elizondo Orozco, Ministry of Health from Costa Rica kathiapaola@hotmail.com Webinar, 18.06.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin-American Countries |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 18.06.2019, Bonn, Germany |
| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |

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| | Other collaborating institutions, partners, etc. | |
| 6 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Elio Alvarenga, Ministry of Environment, Energy and Mines of Honduras elio.alvapaz@hotmail.com Webinar, 08.10.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin-American Countries |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 08.10.2019, Bonn, Germany |
| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 7 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Yoani Gonzalez, Ministry of Environment of Panama ygonzalez@minsa.gob.pa Webinar, 05.09.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin-American Countries |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 05.09.2019, Bonn, Germany |

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| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 8 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Aldo Cesar Soto Fernandez, Ministry of Environment of Peru aldocesar.mla@gmail.com Webinar, 09.08.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin-American Countries |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 09.08.2019, Bonn, Germany |
| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 9 | Provider institution name Contact person, e-mail, website Event website | Michelle Wagner, United Nations University, ViE, SCYCLE (team in transition to UNITAR) wagner@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Miguel Serrano, People's Ministry for Ecosocialism cooperacioninternacionalminec@gmail.com Webinar, 30.10.2019 |
| | Funding mechanism | GEF-UNIDO project: Strengthening of National Initiatives and Enhancement of Regional Cooperation for the Environmentally Sound Management of POPs in Waste of Electronic or Electrical Equipment (WEEE) in Latin-American Countries |

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| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 30.10.2019, Bonn, Germany |
| | Planned future activities | Follow up on E-waste statistics and E-waste management Questionnaires |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 10 | Provider institution name Contact person, e-mail, website Event website | United Nations University – ViE – SCYCLE (team in transition to UNITAR) Kees Balde, balde@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | National Bureau of Statistics Tanzania Ruth Minja, ruth.minja@nbs.go.tz |
| | Funding mechanism | |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 26-28 November 2018 |
| | Planned future activities | National Workshop on E-Waste Data Validation |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the workshop was to strengthen the capacity of the National Statistical Office to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | |
| 11 | Provider institution name Contact person, e-mail, website | United Nations University – ViE – SCYCLE (team in transition to UNITAR) Vanessa Forti, forti@vie.unu.edu , https://globalewaste.org/capacity-building/ |

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| | Event website | |
| | Recipient institution name Contact person, e-mail, website Event website | National Bureau of Statistics Tanzania Ruth Minja, ruth.minja@nbs.go.tz |
| | Funding mechanism | |
| | Description of capacity development activity | National Workshop on E-Waste Data Validation and Introduction to Compilation of Climate Change Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Validation of national e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 13-15 May 2019, Dar es Salaam, Tanzania |
| | Planned future activities | |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the workshop was to strengthen the capacity of the National Statistical Office to validate national data on e-waste statistics. |
| | Other collaborating institutions, partners, etc. | UN Environment |
| 12 | Provider institution name Contact person, e-mail, website Event website | United Nations University – ViE – SCYCLE (team in transition to UNITAR) Kees Balde, balde@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | National Bureau of Statistics Jordan Enas Arabyat, Enas.Arabyat@DOS.GOV.Jo |
| | Funding mechanism | |
| | Description of capacity development activity | Workshop on Electric & Electronic Waste Statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 16-18 October 2018, Amman, Jordan |
| | Planned future activities | |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |

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| | Other collaborating institutions, partners, etc. | |
| 13 | Provider institution name Contact person, e-mail, website Event website | United Nations University – ViE – SCYCLE (team in transition to UNITAR) Vanessa Forti, forti@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | EACO region Juma Ooro, Ooro@ca.go.ke |
| | Funding mechanism | |
| | Description of capacity development activity | EACO workshop on e-waste statistics |
| | Themes | E-waste statistics |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 21-25 October 2019, Kampala (Uganda) |
| | Planned future activities | |
| | Methodological guidance used for capacity development | E-waste statistics guidelines on classification reporting and indicators https://collections.unu.edu/eserv/UNU:6477/RZ_EWaste_Guidelines_LoRes.pdf |
| | Summary of outcomes of capacity development activity | The purpose of the webinar was to strengthen the capacity to assist them in the compilation of international comparable e-waste statistics. |
| | Other collaborating institutions, partners, etc. | ITU |

3.2.19 Secretariat of the Basel, Rotterdam and Stockholm Conventions (BRS)

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| | Provider institution name Contact person, e-mail, website Event website | The Secretariat of the Basel, Rotterdam and Stockholm Conventions. Ms. Tatiana Terekhova, tatiana.terekhova@un.org , www.brsmeas.org |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Agriculture, Regional Development and Environment Ms. Tatiana Tugui Email: tuguitatiana@ymail.com / tatiana.tugui@epo.md |
| | Funding mechanism | European Commission |

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| Description of capacity development activity | Bilateral consultations and national consultation workshop on enhancing data collection under Multilateral Environment Agreements and SDG reporting under the project on Enhancing Capacities for Data Collection for the National Reporting under the Basel and Stockholm Conventions, Import Responses under the Rotterdam Convention and Sustainable Development Goals |
| Themes | Chemicals and Waste Reporting under Basel and Stockholm Conventions Reporting under SDGs for indicators 12.4.1, 12.4.2, 12.5.1 National dataflow and available data sources National reporting and data collection mechanism |
| Focus of capacity development | Inter-ministerial consultations Working group exercises Recommendations on needs and actions |
| Date(s) and location(s) | 12-13 November 2019, Chisinau, Moldova |
| Planned future activities | Implementation of selected recommendations A final workshop to review the progress |
| Methodological guidance used for capacity development | Obligations for transmission of information under the Basel, Rotterdam and Stockholm Conventions (e. g. submission of annual reports under the Basel Convention, submission of reports under the Stockholm Convention, submission of import responses for listed chemicals under the Rotterdam Convention, etc.) |
| Summary of outcomes of capacity development activity | The national consultation served to present the results of the mapping exercise on reporting obligations under the BRS Conventions, conducted in the Republic of Moldova, cross-reference reporting data with data collected for indicators under the SDGs and identify areas where reporting and data collection under the BRS Conventions and SDGs can be mutually supported and strengthened. The results of the mapping exercise presented at the national consultation included the review existing national legislation, institutional framework and existing reporting records keeping forms, including online reporting systems on waste and chemicals and determined the compliance with the reporting obligations under the Basel and Stockholm conventions. The activity is still ongoing. |
| Other collaborating institutions, partners, etc. | Basel Convention Regional Centre in Slovakia |

3.3 Inventory of planned capacity development activities (November 2019 – December 2020)

3.3.1 Common Market for Eastern and Southern Africa (COMESA)

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| | Provider institution name Contact person, e-mail, website Event website | Common Market for Eastern and Southern Africa (COMESA) Themba Munalula, tmunalula@comesa.int , https://www.comesa.int/ & Indian Ocean Commission (IOC) Soobaschand Sweenarain, sweenmru@gmail.com , https://www.commissionoceanindien.org/ |
| | Recipient institution name Contact person, e-mail, website Event website | Eastern, Southern and Indian Ocean Member States of COMESA and IOC |
| | Funding mechanism | European Union under the Cross Regional Envelope RSO/FED/039-977 |
| | Description of capacity development activity | Contribution of Sustainable Fisheries to the Blue Economy in Eastern African, Southern Africa and the Indian Ocean Region (ECOFISH) funded by the 11 th European Development Fund - Cross-Regional Initiatives. |
| | Themes | Blue Economy |
| | Focus of capacity development | Fisheries Statistics / Fisheries Management Information System |
| | Date(s) and location(s) | 2019-2025 |

3.3.2 Economic Commission for Latin America and the Caribbean (ECLAC), Statistics Division, Environment Statistics Area

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| 1 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Uruguay |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) and United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Workshop on Building New SDG Environment Indicators for Improved Monitoring of Sustainable Development |

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|----------|---|--|
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Indicators building Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Montevideo, Uruguay 17-21 February 2020 |
| 2 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Honduras |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Workshop on Building New SDG Environment Indicators for Improved Monitoring of Sustainable Development |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Indicators building Inter-institutional mechanism/set up |
| | Date(s) and location(s) | Tegucigalpa, Honduras 9-13 March 2020 |
| 3 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Panama |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Follow-up Technical Assistance on the previous Workshop on Building New SDG Environment Indicators for Improved Monitoring of Sustainable Development in Panama |
| | Themes | SDGs |

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| | Focus of capacity development | Data collection, compilation, metadata writing Dissemination - compendium Inter-institutional mechanism |
| | Date(s) and location(s) | Panama City, Panama 17-20 March 2020 |
| 4 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Cuba |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Follow-up Technical Assistance on the previous Workshop on Building New SDG Environment Indicators for Improved Monitoring of Sustainable Development in Cuba |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation, metadata writing Dissemination - compendium Inter-institutional mechanism |
| | Date(s) and location(s) | Habana, Cuba 23-27 March 2020 |
| 5 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Bolivia |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Workshop on Building New SDG Environment Indicators for Improved Monitoring of Sustainable Development |
| | Themes | SDGs |

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| | Focus of capacity development | Data collection, compilation Indicators building Inter-institutional mechanism/set up |
| | Date(s) and location(s) | La Paz, Bolivia 20-24 April 2020 |
| 6 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Paraguay |
| | Funding mechanism | German Cooperation Programme (BMZ/GIZ) |
| | Description of capacity development activity | Workshop on Building New SDG Environment Indicators for Improved Monitoring of Sustainable Development |
| | Themes | SDGs |
| | Focus of capacity development | Data collection, compilation Indicators building Inter-institutional mechanism/set up |
| | Date(s) and location(s) | 18-22 May 2020 Asunción, Paraguay |
| 7 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Belize |
| | Funding mechanism | Development Account Programme, 12 th tranche |
| | Description of capacity development activity | Exploratory Technical Assistance on Strengthening Climate Change and Disaster Statistics for Improved Monitoring of Sustainable Development |
| | Themes | Climate Change and Disaster Statistics |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |

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| | Date(s) and location(s) | TBD, 2020 Belmopan, Belize |
| 8 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Antigua and Barbuda |
| | Funding mechanism | Development Account Programme, 12 th tranche |
| | Description of capacity development activity | Exploratory Technical Assistance on Strengthening Climate Change and Disaster Statistics for Improved Monitoring of Sustainable Development |
| | Themes | Climate Change and Disaster Statistics |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | TBD, 2020 Saint John's, Antigua and Barbuda |
| 9 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Dominica |
| | Funding mechanism | Development Account Programme, 12 th tranche |
| | Description of capacity development activity | Exploratory Technical Assistance on Strengthening Climate Change and Disaster Statistics for Improved Monitoring of Sustainable Development |
| | Themes | Climate Change and Disaster Statistics |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | TBD, 2020 Roseau, Dominica |

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| 10 | Provider institution name Contact person, e-mail, website Event website | Economic Commission for Latin America and the Caribbean, Statistics Division, Environment Statistics Area Ms. Rayen Quiroga, rayen.quiroga@un.org |
| | Recipient institution name Contact person, e-mail, website Event website | Suriname |
| | Funding mechanism | Development Account Programme, 12 th tranche |
| | Description of capacity development activity | Exploratory Technical Assistance on Strengthening Climate Change and Disaster Statistics for Improved Monitoring of Sustainable Development |
| | Themes | Climate Change and Disaster Statistics |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up |
| | Date(s) and location(s) | TBD, 2020 Paramaribo, Suriname |

3.3.3 European Environment Agency (EEA): South project

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| 1 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices of the ENI South partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia) |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Technical assistance missions |
| | Themes | Data production, Thematic assessment |
| | Focus of capacity development | Support to the production of H2020 indicator factsheets with national experts, with a focus on data availability and data quality issues and thematic assessment (Water, Waste and Marine Litter, Industrial emissions). |

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| | Date(s) and location(s) | Egypt/Libya – 14-15 November 2019 Jordan/Palestine – 26-28 November 2019 |
| 2 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, Morocco |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Stakeholder engagement workshop |
| | Themes | H2020 national indicators and assessment |
| | Focus of capacity development | Engage with national stakeholders of the 2 Moroccan Mediterranean regions |
| | Date(s) and location(s) | Tanger - 14 November 2019 Oujda - 21 November 2019 |
| 3 | Provider institution name Contact person, e-mail, website Event website | European Environment Agency, ENI SEIS II South Support Mechanism, UNEP/MAP Barcelona Convention Cécile Roddier-Quefelec Project Coordinator - ENI SEIS Support Mechanism South European neighbourhood policy activities – Mediterranean area cooperation cecile.roddier-quefelec@eea.europa.eu https://eni-seis.eionet.europa.eu/south |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Environment, National Environmental Agencies, National Observatory for Environment and Sustainable Development, National Statistical offices of the ENI South partner countries (Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Tunisia) |
| | Funding mechanism | ENI SEIS II South Support Mechanism |
| | Description of capacity development activity | Workshop |
| | Themes | Communicating Environmental assessment outcome H2020 Assessment |
| | Focus of capacity development | Outreach/visibility of assessment work and increased knowledge base on environmental pressures. |

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| | Date(s) and location(s) | First semester 2020 |
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3.3.4 EUROSTAT

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| | Provider institution name Contact person, e-mail, website Event website | Eurostat, European Commission Arturo de la Fuente (Arturo.de-la-fuente@ec.europa.eu) |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Offices of the European Union. Participants from 3 rd parties are welcome if vacancies available |
| | Funding mechanism | Eurostat finances the training. There is no training fee for participants. Participants must however pay their travel and accommodation expenses |
| | Description of capacity development activity | Eurostat provides a range of environmental statistics training courses under the European Statistical Training Programme (ESTP). Planned courses for 2020 are: <ul style="list-style-type: none"> • Water statistics and accounts, waste statistics, ecosystem accounts, monetary environmental accounts, physical energy flow accounts |
| | Themes | Water statistics and accounts, waste statistics, ecosystem accounts, monetary environmental accounts, physical energy flow accounts |
| | Focus of capacity development | |
| | Date(s) and location(s) | Not announced yet |

3.3.5 Food and Agriculture Organization of the United Nations (FAO), Land and Water Division

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| 1 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani & Ms Virginie Gillet, riccardo.biancalani@fao.org virginie.gillet@fao.org http://www.fao.org/aquastat/ |
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| | Recipient institution name Contact person, e-mail, website Event website | AQUASTAT National Correspondents from Bangladesh, Bhutan, India, Iran, Maldives, Nepal, Pakistan and Sri Lanka |
| | Funding mechanism | FAO through an LoA with Global Change Impact Studies Centre |
| | Description of capacity development activity | 3-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | February 2020 - Islamabad, Pakistan |
| 2 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani & Ms Virginie Gillet, riccardo.biancalani@fao.org virginie.gillet@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | AQUASTAT National Correspondents from Costa Rica, Cuba, El Salvador, Guatemala, Haiti, Honduras, Mexico, Nicaragua, Panama and Dominican Republic |
| | Funding mechanism | FAO OCS and CBL |
| | Description of capacity development activity | 3-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | February 2020 – Mexico City, Mexico |

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| 3 | Provider institution name Contact person, e-mail, website Event website | Food and Agriculture Organization of the United Nations, Land and Water Division (CBL), AQUASTAT Programme and UN-Water GEMI project Mr. Riccardo Biancalani & Ms Virginie Gillet, riccardo.biancalani@fao.org virginie.gillet@fao.org http://www.fao.org/aquastat/ |
| | Recipient institution name Contact person, e-mail, website Event website | NSO and other institutions relevant for the monitoring of SDG 6.4.1 and 6.4.2 |
| | Funding mechanism | FAO OCS & Government of Oman |
| | Description of capacity development activity | 4-day workshop |
| | Themes | SDG 6.4.1 and 6.4.2 indicators, data requirement and collection, AQUASTAT questionnaire, indicator computation, institutional settings |
| | Focus of capacity development | Data requirement for the two SDG indicators 6.4.1 and 6.4.2 Data collection, compilation of questionnaire, metadata, validation Computation of the SDG indicators 6.4.1 and 6.4.2 Data management and dissemination through the AQUASTAT database Institutional settings for national data collection |
| | Date(s) and location(s) | 2-5 December 2019 – Oman |
| 4 | Provider institution name Contact person, e-mail, website Event website | FAO, Agriculture Production and Statistics Divisions; Sub-Regional Office for East Africa Ronnie Brathwaite, Ronnie.Brathwaite@fao.org and Francesco N Tubiello, Francesco.tubiello@fao.org |
| | Recipient institution name Contact person, e-mail, website Event website | FAO member countries in SFE region |
| | Funding mechanism | FAO, Corporate Statistical Activities, CTA69 |
| | Description of capacity development activity | Training on fertilizers and pesticides code of conduct, FAO guidelines for procurement of fertilizers and pesticides products, data collection analysis and dissemination of national statistics and FAOSTAT processes |
| | Themes | Fertilizers and Pesticides Use in Agriculture |
| | Focus of capacity development | Statistical processes, code of conduct for responsible use, monitoring |
| | Date(s) and location(s) | 25-29 November 2019, Addis Ababa, Ethiopia |

3.3.6 Food and Agriculture Organization of the United Nations (FAO), Global Forest Resources Assessment

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| 1 | Provider institution name | Food and Agriculture Organization of the United Nations (FAO), Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | Trust funded |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 National Remote Sensing survey workshop in Paraguay |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | LAC |
| | Location | Asuncion, Paraguay |
| | Start date | 04/11/2019 |
| | End date | 09/11/2019 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | The workshop will involve 20 participants from Paraguay to be able to perform a meaningful land use assessment exercise based on the various field experience of each participant. The participants will be trained in physics of remote sensing, photo-interpretation theory and the FRA RSS methodology through a Collect Earth Online exercise. In total 7358 plots will be collected. |
| | Other collaborating institutions, partners, etc. | |
| 2 | Provider institution name | Food and Agriculture Organization of the United Nations (FAO), Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | Trust funded |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Regional Remote Sensing survey in Ecuador |

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| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | LAC |
| | Location | Quito, Ecuador |
| | Start date | 18/11/2019 |
| | End date | 22/11/2019 |
| | Planned future activities | |
| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | The workshop will involve 20 participants from Ecuador, Peru, Bolivia and Venezuela to be able to perform a meaningful land use assessment exercise based on the various field experience of each participant. The participants will be trained in physics of remote sensing, photo-interpretation theory and the FRA RSS methodology through a Collect Earth Online exercise. In total 18403 plots will be collected. |
| | Other collaborating institutions, partners, etc. | |
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| 3 | Provider institution name | Food and Agriculture Organization of the United Nations (FAO), Global Forest Resources Assessment |
| | Recipient institution name | FRA National correspondents (NC) and local experts |
| | Funding mechanism | Trust funded |
| | Description of capacity development activity | Global Forest Resources Assessment (FRA) 2020 Regional Remote Sensing survey in Panama |
| | Themes | FRA 2020 RSS |
| | Focus of capacity development | Training on Remote Sensing and collection of data for FRA RSS 2020 |
| | Continent | LAC |
| | Location | Panama City, Panama |
| | Start date | 25/11/2019 |
| | End date | 30/11/2019 |
| | Planned future activities | |

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| | Methodological guidance used for capacity development | FRA 2020 Terms and Definitions (http://www.fao.org/3/I8661EN/i8661en.pdf), FRA 2020 Guidelines and specifications (http://www.fao.org/3/I8699EN/i8699en.pdf), E-learning modules (https://rise.articulate.com/share/R1wgzJXpog5CbclYsMlp6owLVh6E6VPc#/) |
| | Summary of outcomes of capacity development activities | The workshop will involve 32 participants from Costa Rica, Cuba, El Salvador, Guatemala, Haiti, Honduras, Nicaragua, Panama, Dominican Republic to be able to perform a meaningful land use assessment exercise based on the various field experience of each participant. The participants will be trained in physics of remote sensing, photo-interpretation theory and the FRA RSS methodology through a Collect Earth Online exercise. In total 5410 plots will be collected. |
| | Other collaborating institutions, partners, etc. | |

3.3.7 United Nations Economic and Social Commission for Asia and the Pacific (ESCAP), Statistics Division and Pacific Office

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| 1 | Provider institution name Contact person, e-mail, website Event website | ESCAP Statistics Division, Economic and Environment Statistics Section Mr. Teerapong Praphotjanaporn (praphotjanaporn@un.org) |
| | Recipient institution name Contact person, e-mail, website Event website | Asia-Pacific countries who are, or interested in, compiling SEEA waste accounts. |
| | Funding mechanism | United Nations Development Account (10 th tranche) |
| | Description of capacity development activity | Regional expert workshop on waste accounts. |
| | Themes | SEEA CF, solid waste |
| | Focus of capacity development | SEEA overview Training on solid waste accounts – concepts, methods, possible data sources Experience sharing Expert consultation/SEEA lab National work planning |
| | Date(s) and location(s) | March 2020 Bangkok, Thailand |
| 2 | Provider institution name Contact person, e-mail, website Event website | ESCAP Statistics Division, Economic and Environment Statistics Section Mr. Teerapong Praphotjanaporn (praphotjanaporn@un.org) |

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| | Recipient institution name Contact person, e-mail, website Event website | One of the following priority countries: Fiji, Indonesia, Papua New Guinea and Vanuatu |
| | Funding mechanism | Funding from the Department of the Environment and Energy, Government of Australia |
| | Description of capacity development activity | National ocean accounts pilot |
| | Themes | SEEA CF, SEEA EEA, SNA, ocean |
| | Focus of capacity development | Training on ocean accounts Scoping assessment of ocean-related priorities to identify a pilot topic Technical support for pilot implementation Pilot results communication and way forward |
| | Date(s) and location(s) | January to June 2020 |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) Mr. Teerapong Praphotjanaporn, praphotjanaporn@un.org, https://www.unescap.org/ |
| | Recipient institution name Contact person, e-mail, website Event website | All ESCAP members and associate members, as well as academia, non-governmental organisations from Asia-Pacific and other regions. |
| | Funding mechanism | United Nations Development Account (11 th tranche) |
| | Description of capacity development activity | Global Dialogue on Ocean Accounting |
| | Themes | Ocean statistics, ocean science, and ocean governance |
| | Focus of capacity development | 1) Review and discussion of draft global technical guidance on ocean accounting; 2) Presentation and discussion of ocean accounts pilot projects; 3) Discussion and planning for improving connections between ocean data, assessments and ocean governance; and 4) High-level policy dialogue on national accounting and the ocean economy. |
| | Date(s) and location(s) | 12-15 November 2019 University of New South Wales, Sydney, Australia. |
| 4 | Provider institution name Contact person, e-mail, website Event website | ESCAP Statistics Division, Economic and Environment Statistics Section Ms. Rikke Munk Hansen hansenrm@un.org Dr. Soheil Rastan, srastan@yahoo.com |

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| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Office (NSO) of Vanuatu David Talo <dtalo@vanuatu.gov.vu> |
| | Funding mechanism | United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Bilateral consultation, workshops, capacity building and internal capacity integration on environment statistics with the NSO, related agencies and local academic institutions |
| | Themes | SEEA Land Accounts, Review of Water & Energy Accounts |
| | Focus of capacity development | Evaluation of Sources, Concepts and Methods Data collection, compilation Plans for Dissemination |
| | Date(s) and location(s) | 27 October to 2 November 2019 |
| 5 | Provider institution name Contact person, e-mail, website Event website | ESCAP Statistics Division, Economic and Environment Statistics Section Ms. Rikke Munk Hansen hansenrm@un.org Dr. Soheil Rastan srastan@yahoo.com |
| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Office (NSO) of Fiji Litia Kurisaqila (lkurisaqila@statsfiji.gov.fj) |
| | Funding mechanism | United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Bilateral consultations, workshop and capacity building and capacity integration on environment statistics with the NSO, related agencies and local academic institutions |
| | Themes | SEEA Land Accounts |
| | Focus of capacity development | Evaluation of Sources, Concepts and Methods Data collection, compilation Plans for Dissemination |
| | Date(s) and location(s) | 3-9 November 2019 |
| 6 | Provider institution name Contact person, e-mail, website Event website | ESCAP Statistics Division, Economic and Environment Statistics Section Ms. Rikke Munk Hansen hansenrm@un.org Dr. Soheil Rastan sratsan@yahoo.com |

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| | Recipient institution name Contact person, e-mail, website Event website | National Statistical Office (NSO) of Maldives Ms. Aishath Hassan (aishath.hassan@stats.gov.mv) |
| | Funding mechanism | United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Bilateral consultations, workshop and capacity building and capacity integration on environment statistics with the NSO, related agencies and local academic institutions |
| | Themes | SEEA Special Account: Tourism (Land, Water, GHG, Energy, Waste) Towards Measuring Sustainability of Tourism |
| | Focus of capacity development | Evaluation of Sources, Concepts and Methods Data collection, compilation Plans for Dissemination |
| | Date(s) and location(s) | 24 November - 7 December 2019 |
| 7 | Provider institution name Contact person, e-mail, website Event website | ESCAP Statistics Division, Economic and Environment Statistics Section Mr. Teerapong Praphotjanaporn (praphotjanaporn@un.org) United Nations Statistics Division, Environmental-Economic Accounts Section Ms. Jessica Ying Chan (jessica.chan@un.org) |
| | Recipient institution name Contact person, e-mail, website Event website | Countries of Eastern Europe, the Caucasus and Central Asia (EECCA) and South-Eastern Europe (SEE) |
| | Funding mechanism | DA10 |
| | Description of capacity development activity | Regional Training Workshop on the Production of SEEA-Energy Accounts and Use of Energy Information for Policy |
| | Themes | Energy statistics, balances and accounts and use of energy information for policy |
| | Focus of capacity development | Introduction to Energy statistics, balances and accounts Practical exercise on the use of energy information for policy National experience sharing National work planning |
| | Date(s) and location(s) | Almaty, Kazakhstan, 17-20 December 2019 |

3.3.8 United Nations Economic Commission for Europe (UNECE)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html |
| | Recipient institution name Contact person, e-mail, website Event website | NSO Belarus |
| | Funding mechanism | Development Account Programme, 10th tranche |
| | Description of capacity development activity | Advisory mission on forest accounts |
| | Themes | SEEA forest accounts |
| | Focus of capacity development | Clarification of technical questions Getting ready for regular production and publication |
| | Date(s) and location(s) | HAD TO BE POSTPONED BECAUSE OF UN CASH FLOW CRISIS |
| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP and UNDP, with additional technical support from UN-Habitat, GEMS/Water, BELSTAT, and Environment Agency Austria Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org , https://www.unenvironment.org/regions/europe |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Economy and Industry, the State Committee on Statistics of the Republic of Uzbekistan, the State Committee of the Republic of Uzbekistan on Ecology and Environmental Protection |
| | Funding mechanism | UNECE: It was planned to use RPTC. Commitment to financially contribute from this funding had to be withdrawn because of UN CASH FLOW CRISIS. UNEP: Is now covering all costs, including the ones of UNECE, from un-earmarked funds provided by Norway and allocated by UNEP for environmental SDGs support, and from the Global Public Goods and Challenges (GPGC) Programme Cooperation Agreement between the European Commission and the United Nations Environment Programme (UNEP) UNDP: unknown |
| | Description of capacity development activity | UNEP/UNECE/UNDP Joint Technical workshop on SDG 6 (water and sanitation) indicators |

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| | Themes | Water statistics Water Accounts SDG 6 indicators (methodologies and data requirements): 6.1.1, 6.2.1, 6.3.1, 6.3.2, 6.4.1, 6.4.2, 6.5.1, 6.6.1, and 6.b.1 |
| | Focus of capacity development | Clarification of technical questions Drafting of recommendations Promotion of bilateral North-South cooperation through involvement of Environment Agency Austria in international expert training team Promotion of bilateral South-South cooperation through involvement of National Statistics Office of Belarus (BELSTAT) in international expert training team |
| | Date(s) and location(s) | 18-20 November 2019, Tashkent (Uzbekistan) |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP and UNDP, with additional technical support from UNEP-WCMC, IUCN, GEMS/Water, and BELSTAT Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org, https://www.unenvironment.org/regions/europe |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of National Economy of the Republic of Kazakhstan – Committee on Statistics and related national agencies (e.g. Committee of water resources of the Ministry of agriculture of Kazakhstan, Ministry of Energy of the Republic of Kazakhstan etc.) |
| | Funding mechanism | UNECE: It was planned to use RPTC. Commitment to financially contribute from this funding had to be withdrawn because of UN CASH FLOW CRISIS. UNEP: Is now covering all costs, including the ones of UNECE from un-earmarked funds provided by Norway and allocated by UNEP for environmental SDGs support, and from the Global Public Goods and Challenges (GPGC) Programme Cooperation Agreement between the European Commission and the United Nations Environment Programme (UNEP) UNDP: unknown |
| | Description of capacity development activity | UNEP/UNECE/UNDP Joint Workshop on environmental SDG indicators in collaboration with the Committee on Statistics under the Ministry of National Economy of the Republic of Kazakhstan |
| | Themes | SDG indicators (methodologies and data requirements): 6.3.2, 12.1.1., 12.4.1, 12.4.2, 14.5.1, 15.1.2, and 15.4.1 |
| | Focus of capacity development | Clarification of technical questions Drafting of recommendations Promotion of South-South cooperation through involvement of National Statistics Office of Belarus (BELSTAT) in international expert training team |
| | Date(s) and location(s) | 21-22 November 2019, Nur-Sultan (Kazakhstan) |

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| 4 | Provider institution name Contact person, e-mail, website Event website | United Nations Economic Commission for Europe in close collaboration with UNEP and UNDP, with additional technical support from UNEP-WCMC, IUCN, and BELSTAT Mr. Michael Nagy, michael.nagy@un.org, http://www.unece.org/stats/stats_h.html Mr. Tomas Marques, tomas.marques@un.org , https://www.unenvironment.org/regions/europe |
| | Recipient institution name Contact person, e-mail, website Event website | State Committee on Statistics of Turkmenistan and related national agencies |
| | Funding mechanism | UNECE: It was planned to use RPTC. Commitment to financially contribute from this funding had to be withdrawn because of UN CASH FLOW CRISIS. UNEP: Is now covering all costs, including the ones of UNECE from un-earmarked funds provided by Norway and allocated by UNEP for environmental SDGs support, and from the Global Public Goods and Challenges (GPGC) Programme Cooperation Agreement between the European Commission and the United Nations Environment Programme (UNEP) UNDP: unknown |
| | Description of capacity development activity | UNEP/UNECE/UNDP Joint Workshop on environmental SDG indicators in collaboration with the State Committee on Statistics of Turkmenistan |
| | Themes | SDG indicators (methodologies and data requirements): 6.3.1, 6.3.2, 6.4.2, 6.5.1, 6.6.1, 9.4.1, 11.6.1, 11.6.2, 12.4.2, 14.1.1, 14.2.1, 14.5.1, 12.1.1, 12.6.1, 12.7.1, 12.c.1, 15.1.2, 15.3.1, 15.4.1, 15.4.2, 15.5.1, and 15.8.1 |
| | Focus of capacity development | Clarification of technical questions Drafting of recommendations Promotion of South-South cooperation through involvement of National Statistics Office of Belarus (BELSTAT) in international expert training team |
| | Date(s) and location(s) | 25-27 November 2019, Ashgabat (Turkmenistan) |

3.3.9 United Nations Environment Programme (UNEP)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | UNCT Jordan and UNCT Egypt https://environmentlive.unep.org/egm/national |

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| | Funding mechanism | Common Country Analysis support fund |
| | Description of capacity development activity | Support the Common Country Analysis (CCA) process in Jordan and Egypt. |
| | Themes | Environment statistics, and Environment-related SDGs |
| | Focus of capacity development | The UNCT in Jordan and the UNCT in Egypt are holding workshops on data availability and applicability for the CCA. These workshops provide a good opportunity to provide a basis for how UNEP can best engage in these CCAs and to gain a better understanding of countries needs which can inform the World Environment Situation Room CCA project. The expected outcome is improved ability to ensure the environmental dimension of development is reflected in national CCAs. |
| | Date(s) and location(s) | 8 March 2020, Amman; 9-10 March 2020, Cairo |
| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | |
| | Funding mechanism | |
| | Description of capacity development activity | Workshop on monitoring SDG 12 in Asia and the Pacific; Consultation Workshop of Biodiversity-Related Conventions on the Post 2020 Global Biodiversity Framework |
| | Themes | Biodiversity, Sustainable consumption and production |
| | Focus of capacity development | UNEP ROAP is conducting a workshop on monitoring SDG 12 which includes technical sessions on monitoring. The Consultation workshop on the post-2020 process will include dedicated discussion on aligning the post-2020 indicators to the SDGs. The expected outcome is improved capacity of the Asia-Pacific region to monitor the SDGs. Improved alignment of the post-2020 framework to the SDGs. |

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| | Date(s) and location(s) | 23 March 2020, Bangkok; 25-27 March 2020 Bern |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | https://environmentlive.unep.org/egm/national |
| | Funding mechanism | Development Account Programme, 7 th tranche – Chemicals and Waste |
| | Description of capacity development activity | Workshop on waste statistics in Oman |
| | Themes | Chemicals and Waste |
| | Focus of capacity development | UNEP is implementing a project on waste statistics in Oman. This is the first workshop under the project. This is a continuation of a project which aims to build capacity and country experiences in achieving waste related SDGs through better data. This study will be used to supplement the manual on waste statistics which is under development. There is expected improved capacity of Oman to compile and use waste statistics for SDG 12.3.1, 12.4.2, 12.5.1 and 11.6.1. |
| | Date(s) and location(s) | 6-8 April 2020, Oman |
| 4 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | https://environmentlive.unep.org/egm/national |
| | Funding mechanism | Development Account Programme, 11 th tranche – Policy Coherence |
| | Description of capacity development activity | National workshop on environment statistics for policy |

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| | Themes | Policy Coherence |
| | Focus of capacity development | UNEP has been working under a DA11 project to support environment statistics. This final data and statistics workshop in the project will focus on SDG 6 and 15. As a result of the capacity building, there will be improved capacity to compile environment statistics in Burkina Faso. |
| | Date(s) and location(s) | May 2020, Burkina Faso |
| 5 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | https://environmentlive.unep.org/egm/national |
| | Funding mechanism | Norway Marine Litter Funds |
| | Description of capacity development activity | Workshop on monitoring SDG 14 |
| | Themes | Marine Litter Data Collection |
| | Focus of capacity development | GEO BluePlanet, IEEA and UNEP are holding a technical workshop to take the work on global monitoring of oceans forward. This will focus on Government of Portugal as a way to bring together key players for a closed discussion on monitoring marine pollution. An expected accomplishment is the commitment toward a common way forward for partnership on global monitoring. |
| | Date(s) and location(s) | 29 May - 1 June 2020, Portugal |
| 6 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | |

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| | Funding mechanism | United Nations University – VIE SCYCLE: E-Waste |
| | Description of capacity development activity | Regional workshop on waste and e-waste in Minsk |
| | Themes | E-Waste |
| | Focus of capacity development | UNEP is jointly implementing a project on waste and e-waste statistics in Central Asia with UNU and ITU. This is the first meeting under the project. This project directly contributes to our work on SDG indicators 12.4.2 and 12.5.1 on hazardous waste and recycling, including for e-waste. Additionally, this is a joint activity under the Global e-waste Statistics Partnership. The workshop expects to have improved capacity of CIS countries to compile and use e-waste and waste statistics. |
| | Date(s) and location(s) | TBC |
| 7 | Provider institution name Contact person, e-mail, website Event website | United Nations Environment Programme (UNEP) Ms. Jillian Campbell, campbell7@un.org https://environmentlive.unep.org/egm/national |
| | Recipient institution name Contact person, e-mail, website Event website | https://environmentlive.unep.org/egm/national |
| | Funding mechanism | Development Account Programme, 7 th tranche – Chemicals and Waste |
| | Description of capacity development activity | Workshop on waste statistics in India |
| | Themes | Chemicals and Waste |
| | Focus of capacity development | UNEP is implementing a project on waste statistics in India. This is the first workshop under the project. This is a continuation of a project which aims to build capacity and country experiences in achieving waste related SDGs through better data. This study will be used to supplement the manual on waste statistics which is under development. This will focus on capacity of India to compile and use waste statistics for SDG 12.3.1, 12.4.2, 12.5.1 and 11.6.1. |
| | Date(s) and location(s) | TBC, India |

3.3.10 United Nations Office for Disaster Risk Reduction (UNDRR)

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| | Provider institution name Contact person, e-mail, website Event website | United Nations Office for Disaster Risk Reduction (UNDRR) Third Training of Trainers on Sendai Framework Monitoring System including Disaster Loss Accounting (TBC) Rahul Sengupta sengupta@un.org and Subhra Bhattacharjee < bhattacharjee@un.org > https://www.unisdr.org/ |
| | Recipient institution name Contact person, e-mail, website Event website | TBC |
| | Funding mechanism | TBC |
| | Description of capacity development activity | As in this year, this training workshop will be aimed to create a pool of experts on Sendai Framework monitoring and disaster loss accounting by training organizational partners and selected experts coming from different regions who could support the training of Member States and other related stakeholders on these areas of work. |
| | Themes | Sendai Framework monitoring and disaster loss accounting |
| | Focus of capacity development | Methodologies of data collection; Data entry on online platforms of the Sendai Framework monitor and the DesInventar disaster loss accounting tool; Optimising the use of analytics for better decision making |
| | Date(s) and location(s) | Date: TBC; Location: Bonn Germany |
| | Provider institution name Contact person, e-mail, website Event website | United Nations Office for Disaster Risk Reduction (UNDRR) Training of Member States and related institutions on Sendai Framework monitoring and Disaster loss accounting at regional and national levels Organized by UNDRR Regional Offices of Africa, Americas and Caribbean, Arab States, Asia Pacific and Europe and Central Asia https://www.unisdr.org/ https://www.preventionweb.net/events/view/66929?id=66929 |
| | Recipient institution name Contact person, e-mail, website Event website | Sendai Framework focal point organizations of Member States and other ministries and departments including national statistical organizations as also other stakeholders related to monitoring of the said Framework. |

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| | Funding mechanism | TBC |
| | Description of capacity development activity | As in this year, these training workshops will be aimed to develop capacities of Member States and other related stakeholders in Sendai Framework monitoring and disaster loss accounting |
| | Themes | Sendai Framework monitoring and disaster loss accounting |
| | Focus of capacity development | Methodologies of data collection; Data entry on online platforms of the Sendai Framework monitor and the DesInventar disaster loss accounting tool; Optimising data analysis for better decision making. |
| | Date(s) and location(s) | Throughout the period 2020-2021 across the Africa, Americas & Caribbean, Arab States, Asia Pacific and Europe & Central Asia regions at the regional and national levels |

3.3.11 United Nations Statistics Division (UNSD), Environment Statistics Section

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | Central Statistical Office (CSO) of Grenada Mr. Halim Brizan (Director), hmbrizan@gmail.com , http://stats.gov.gd |
| | Funding mechanism | United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Bilateral consultations and national workshop on environment statistics and climate change statistics. |
| | Themes | General on FDES, water, waste, biodiversity, land, climate change |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | 11-15 November 2019 St. George's, Grenada |

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| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml https://unstats.un.org/unsd/envstats/meetings/2019-Caricom%20Region/CaricomRegion.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | Statistical offices and experts from Ministries of Environment from the Caribbean countries: Belize, Bermuda, Dominica, Jamaica, Saint Lucia, St. Vincent & the Grenadines, Suriname, Grenada |
| | Funding mechanism | United Nations Regular Programme for Technical Cooperation (RPTC) |
| | Description of capacity development activity | Regional Workshop on Environment Statistics and Climate Change Statistics for the CARICOM Region |
| | Themes | General on FDES, SDGs, water, waste, biodiversity, land, forest, climate change, oceans |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | 4–8 November 2019, St. George's, Grenada |
| | Other collaborating institutions, partners, etc. | UNFCCC, FAO, ECLAC, CARICOM |
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| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | Namibia Statistics Agency Mr. Alex Shimuafeni (Statistician General), AShimuafeni@nsa.org.na , www.nsa.org.na |
| | Funding mechanism | Development Account Programme, 10 th tranche |
| | Description of capacity development activity | Bilateral consultations and national workshops on environment statistics. Remote assistance to countries |
| | Themes | General on FDES, water, waste, biodiversity, land, forest, climate change |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan |

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| | | Assessment (ESSAT) |
| | Date(s) and location(s) | 2–6 December 2019, Windhoek, Namibia |
| | Other collaborating institutions, partners, etc. | |
| 4 | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | Ministry of Agriculture, Fisheries, Forestry, the Environment, Sustainable Development and Immigration Services of Belize |
| | Funding mechanism | DA10 |
| | Description of capacity development activity | Bilateral consultations and national workshop on environment statistics and climate change statistics. |
| | Themes | General on FDES, water, waste, biodiversity, land, climate change |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | June 2020, Belize City, Belize |
| | Other collaborating institutions, partners, etc. | |
| 5 | Provider institution name Contact person, e-mail, website Event website | United Nations Statistics Division, Environment Statistics Section Ms. Reena Shah, shahr@un.org , https://unstats.un.org/unsd/envstats/index.cshtml |
| | Recipient institution name Contact person, e-mail, website Event website | Sudan |
| | Funding mechanism | DA10 |
| | Description of capacity development activity | Bilateral consultations and national workshop on environment statistics and climate change statistics. |

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| | Themes | General on FDES, water, waste, biodiversity, land, climate change |
| | Focus of capacity development | Data collection, compilation Dissemination - compendium Inter-institutional mechanism/set up National action plan Assessment (ESSAT) |
| | Date(s) and location(s) | Tbd, Khartoum, Sudan |
| | Other collaborating institutions, partners, etc. | |

3.3.12 United Nations University (UNU)

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| 1 | Provider institution name Contact person, e-mail, website Event website | United Nations University – ViE – SCYCLE (team in transition to UNITAR) Kees Baldé, balde@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | UNEP Regional Office of Russia hosts the workshop. Vladimir Moshkalo Vladimir.Moshkalo@un.org Target audience: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Ukraine, Uzbekistan, Tajikistan, Turkmenistan |
| | Funding mechanism | German Ministry of Environment (UBA), United Nations University, ISWA and ITU |
| | Description of capacity development activity | CIS+ workshop on e-waste statistics |
| | Themes | Regional E-waste and waste statistics Training |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits, waste statistics |
| | Date(s) and location(s) | 20–23 January 2020, Moscow (Russia) |
| | Other collaborating institutions, partners, etc. | UNEP, ITU, UNECE |
| 2 | Provider institution name Contact person, e-mail, website Event website | United Nations University – ViE – SCYCLE (team in transition to UNITAR) Kees Baldé, balde@vie.unu.edu , https://globalewaste.org/capacity-building/ |

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| | Recipient institution name Contact person, e-mail, website Event website | CITET Tunis AL MAHDI, Mustafa mustafa-ahmed.al-mahdi@itu.int |
| | Funding mechanism | ITU and United Nations University |
| | Description of capacity development activity | Regional Statistics Workshop Training for Arab States |
| | Themes | Regional E-waste statistics Training |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits |
| | Date(s) and location(s) | 16–18 December 2019, Tunis (Tunisia) |
| | Other collaborating institutions, partners, etc. | UNEP, ITU, UN ESCWA |
| 3 | Provider institution name Contact person, e-mail, website Event website | United Nations University – ViE – SCYCLE (team in transition to UNITAR) Kees Baldé, balde@vie.unu.edu , https://globalewaste.org/capacity-building/ |
| | Recipient institution name Contact person, e-mail, website Event website | Tdb Target audience: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Ukraine, Uzbekistan, Tajikistan, Turkmenistan |
| | Funding mechanism | German Ministry of Environment (UBA), United Nations University, ISWA and ITU |
| | Description of capacity development activity | CIS+ follow-up workshop on e-waste statistics |
| | Themes | Regional E-waste and waste statistics Training |
| | Focus of capacity development | Data collection, compilation of e-waste statistics, usage of the e-waste toolkits, waste statistics |
| | Date(s) and location(s) | September 2020, tbd |
| | Other collaborating institutions, partners, etc. | UNEP, ITU, UNECE |