Integrated Monitoring of SDG 6 indicators

Update on SDG 6, Tier 3 indicators

6.3.2 Ambient Water Quality

6.4.1 Water Use Efficiency

6.6.1 Freshwater Ecosystems

IAEG-SDG meeting, Bahrain, 27-28 Nov 2017

Joakim Harlin
UN-Water Vice-Chair

UN WATER

November 2016: Invitation to participate in integrated baseline process from UN-Water

February 2017: Inception webinars for country SDG 6 focal points

March 2017: In-country discussions on how to implement SDG 6 monitoring, formation of intersectoral and technical indicator teams

March-April 2017: Technical webinars for country technical teams

March-September 2017: Implementation of SDG 6 monitoring; Technical and institutional support from Integrated Monitoring Initiative to countries

August-November 2017: Validation of country data (together with countries)

November 2017: Baseline data on SDG 6 indicators submitted to custodian agencies

Spring 2018: Publication of SDG Progress Report 2018 by UNSD, publication of UN-Water synthesis report on SDG 6, based on baseline data

Summer 2018: HLPF in-depth review of progress towards SDG 6

Timeline for 2017 SDG 6 integrated baseline process

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Integrated Monitoring of SDG 6

6.3.2 Ambient Water Quality

Custodian agency UN Environment

- Finalization of draft methodology
  - POC in 4 countries (Senegal, Peru, Jordan, Ugunda)
  - Peer review all UN-Water members and partners (more than 60 organisations)
  - Finalisation of draft methodology by Indicator Team.
  - Methodology in 6 languages

- Main components of the methodology
  - Determines the proportion of bodies of water with good ambient water quality in a country
  - Enables the impact of human development on ambient water quality to be evaluated
  - Directly linked to indicator 6.3.1 on wastewater treatment
  - Contributes to a sub-indicator of 6.6.1

- 2017 data drive
  - Identitification of natinoal focal points and data hosts
  - Roll-out of data drive to 193 countries
  - Inception and technical webinars in 4 regions and 6 languages

> 6.3.2 Indicator Team members:
> UNEP, FIH, UCC, IWMI, WHO

- Online and national support
  - Helpdesk (5 staff for country engagement, 3 technical experts)
  - Online tutorials in 6 UN languages
  - 9 country workshops and visits

- Status of data collection
  - 46 countries have so far submitted data. Regional spread: Africa-17, Europe-17, Asia Pacific-6, West Asia-2, LAC-4
  - NASA data on on water quality (suspended solids (TSS) and Chlorophyll-a (Chl) for few pilot countries (MODIs and Landsat analysis).

- Tier upgrade
  - Review of data and menthdology by Indicator Team Jan-Feb 2018
  - Submission of request for Tier upgrade by UN Environment for IAEG-SDG meeting March 2018

Integrated Monitoring of SDG 6

6.4.1 Change in Water Use Efficiency over time
Custodian agency FAO

Food and Agriculture Organization
of the United Nations

- • Finalization of draft methodology
  - – POC in five countries
  - – Peer review all UN-Water members and partners (more than 60 organisations)
  - – Final discussion of draft methodology by Indicator Team
  - – Translation to six languages (Arabic, Chinese, English, French, Russian, Spanish)

- • Main components of the methodology
  - – Yearly value added by economic sector
  - – Volume of water used annually by sector

- • 2017 data drive
  - – Identification of national focal points and data hosts
  - – Roll-out of data drive to 32 countries; 193 planned for 2018
  - – Inception and technical webinars in 4 regions and 3 languages

- • Online and national support
  - – Helpdesk
  - – Webinars
  - – Online tutorials
  - – Regional and country workshops and visits

- • Status of data collection
  - – 15 countries have submitted data so far - 8 Africa; 1 Asia; 3 Europe; 3 LAC

- • Tier upgrade
  - – Review of data and methodology by Indicator Team Apr-Sep 2017
  - – Submission of request for Tier upgrade by custodian agency (FAO) for IAEG-SDG meeting November 2017

Indicator Team 6.4.1

FAO- Regional Office for Asia & the Pacific	He Li - Water Mukesh Srivastava – Statistics
FAO- Regional Office for Europe & Central Asia	Giovanni Munoz– Water Giorgi Kvinikadze – Statistics
FAO- Regional Office for Near East & North Africa	Pasquale Steduto – Water Mohamed Barre – Statistics
FAO- Regional Office for Africa	Eugene Rurangwa – Water Eloi Ouedraogo – Statistics
FAO- Regional Office for Latin America and the Caribbean	Veronica Boero - Statistics
FAO-ESS	Francesco Tubiello
UNEP	Joakim Harlin
UNSD	Alessandra Alfieri
UNSD	Reena Shah
University of Nebraska (USA)	Roberto Lenton
University of Frankfurt (Germany)	Petra Döll
UNESCO	Aurélien Dumont
ICIMOD	David Molden
IGRAC	Neno Kukurić
GWP	Manuel Fulchiron
Independent	Chris J. Perry
Eurostat	Jürgen Förster
World Bank	Claudia W. Sadoff
World Bank	William Young
Senegal – Ministère de l'hydraulique et de l'assainissement	Niokhor Ndour
Peru - Autoridad Nacional del Agua	Paola Chinen
Uganda – Ministry of Water and Environment	Ronald Kasozi
Jordan – Ministry of Water and Irrigation	Susan Kilani
Netherlands – Ministry of Foreign Affairs	Job Kleijn
Netherlands - Ministry of Infrastructure and Environment	Ellen van Lindert

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Integrated Monitoring of SDG 6

6.6.1 Freshwater Ecosystems

Custodian agency UN Environment

- Finalization of draft methodology
  - POC in 4 countries (Senegal, Peru, Jordan, Ugunda)
  - Peer reviewed by all UN-Water members and partners (more than 60 organisations)
  - Finalisation of draft methodology by Indicator Team
  - Methodology in 6 languages

- Main components of the methodology
  - Tracks changes over time in the extent of water-related ecosystems (lakes, rivers, wetlands, groundwater). Three principle sub-indicators describe aspects of these ecosystems: spatial extent; quantity; and quality of water ➡ health of these ecosystems

- 2017 data drive
  - Identitification of national focal points and data hosts
  - Roll-out of data drive to 193 countries
  - Inception and technical webinars in 4 regions and 6 languages

> 6.6.1 Indicator Team members:
> UNEP, Ramsar, ESA, IUCN, CBD, IWMI, GEO

- Online and national support
  - Helpdesk (5 staff for country engagement, 3 technical experts)
  - Online tutorials in all 6 UN languages
  - 9 country indicator training workshops

- Status of data collection
  - 34 countries have so far submitted data. Regional spread: Africa-13, Europe-14, Asia Pacific-4, West Asia-1, LAC-2
  - EO data on spatial extend of open water bodies for 189 countries (Sentinal, JRC) plus NASA data on spatial extent of open water and wetlands for 8 pilot countires (MODIs and Landsat analysis).

- Tier upgrade
  - Review of data and menthdology by IndicatorTeam Jan-Feb 2018
  - Submission of request for Tier upgrade by UN Environment for IAEG.-SDG meeting March 2018

Integrated Monitoring of SDG 6

Global workshop for integrated monitoring of Sustainable Development Goal 6

- UN-Water is organizing a global workshop 21-23 November in The Hague, the Netherlands

- Provides a platform for countries (80 Member States attending) and United Nations entities for sharing experiences and reviewing results from baseline data collection efforts, and for learning and preparing for future monitoring

For more info: www.sdg6monitoring.org

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