Implementation of the FDES, 2013 and the Environment Statistics Self-Assessment Tool (ESSAT)

Tanzania Experience

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Tanzania Experience on Implementation of FDES, 2013 and ESSAT Tool

1. Background Information - Tanzania Country Profile

- Geographical Location: **Eastern Africa**

- Total Area covered: **947,600 sq. km**

- Projected Total Population: **52.5 million in 2017**

- Unemployment Rate: **10.3%, 2014 ILFS**

- GDP Growth Rate at 2007 Prices: **7.1% by 2017**

- Annual Average Inflation Rate: **5.3% by 2017**

1. Background Information

❑ Environment statistics in Tanzania **is an emerging statistical field in official statistics** and **it is essential for evidence-based** policies and decision making to **support sustainable development**.

❑ Environment statistics in Tanzania is used to monitor and evaluate performance of different National Development Frameworks.

- ▪ **More than 10%** of the indicators for monitoring implementation of the National Five Year Development Plan II (2016/17-2020/21) **are related to environment**

❑ Tanzania is also implementing the UN SDGs which addresses three dimensions of sustainable development, **economic, social inclusion** and **environmental sustainability**.

1. Background Information

❑ The **growing pressure on environment issues** and **increased demand and awareness** have generated a need for:

- **Quality and reliable** information on environment for evidence based decision making on environment related matters.

- An **integrated environmental assessment and reporting tools** that are **cross sectoral, participatory and consultative in nature.**

- **Strengthening partnership** and implementation of global, regional and national cooperative mechanisms; MEAs, Regional and National Environmental Actions Plans.

2. National Efforts in Promoting Environment Statistics

- ❑ **Enactment of Statistics Act, 2015** mandates the NBS to produce and coordinate production and dissemination of Official Statistics in the country

- ❑ Existence of **strong Legal and Institutional Framework** related to environment

- ❑ Establishment of **Environment Statistics Department at NBS** in 2004 to better coordinate compilation of environment statistics from different institutions

- ❑ Preparation of Environment Statistics Reports, 1994; 2012; 2014 and **2017**

- ❑ Tanzania has **ratified and is implementing** various Multilateral Environmental Agreements

3. Implementation of the FDES, 2013 and ESSAT

❑ United Nations Statistical Commission, at its 44th session in 2013, endorsed the revised FDES 2013 as the **framework for strengthening environment statistics programmes in countries.**

- **Tanzania benefited through the UNSD project which focused on** Strengthening environment statistics in the EAC Secretariat and its five member states.

- The UNSD in collaboration with the EAC organised **regional and National Workshops** on Environment Statistics in support of the implementation of the FDES 2013.

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3. Implementation of the FDES, 2013 and ESSAT - Activities Undertaken

- ❑ **Promote inter-institutional platforms** by establishing National Technical Working Group (NTWG) on Environment Statistics

- ❑ **Capacity Building Workshops for NTWG** on the FDES 2013 and ESSAT tools

- ❑ **Mapping** of the National Environment Policy and NEAP with the FDES, 2013

- ❑ Preparation for the **National Environment Statistics Action Plan, 2017/18**

- ❑ Promote for **development of environment statistics reports**

3. Implementation of the FDES, 2013 and ESSAT - - Activities Undertaken

- ❑ Conduct **environment statistics data gaps assessment** using ESSAT

- ■ **Domestication** of the Environmentally-Related SDG Indicators in Tanzania

- ■ **Alignment of the** Environmentally-Related SDG Indicators with **NSDS priorities**

- ■ Participate in testing the **Reporting Template for the Results and Analysis of the ESSAT** and provide recommendations for improvement

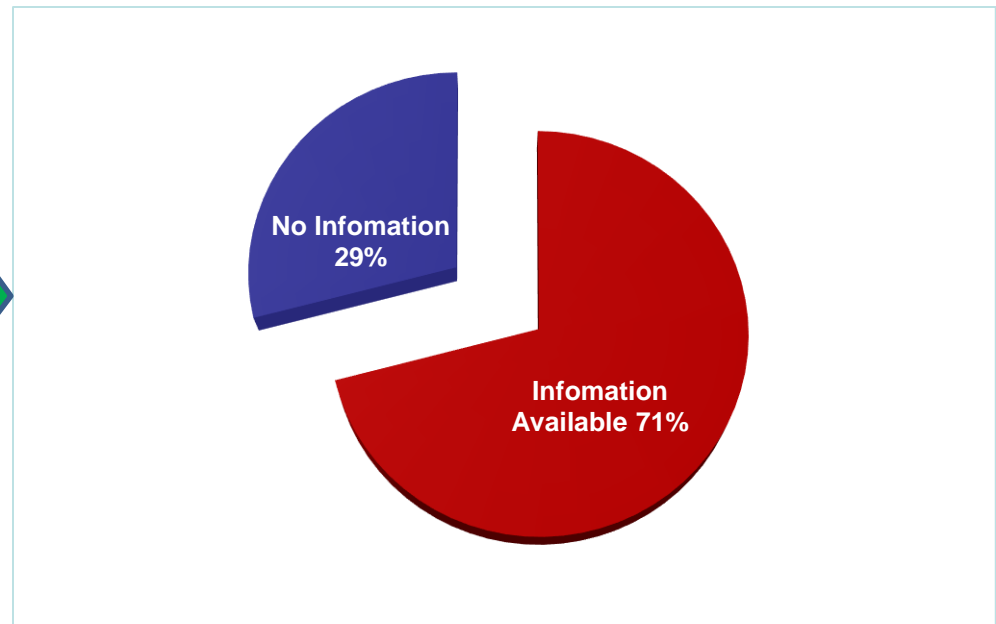- ■ Participate in the pilot test for the UNSD **climate change questionnaire**

3. Implementation of the FDES, 2013 and ESSAT - Activities Undertaken

Some Findings from the Data Gaps Assessment Using ESSAT

Availability of Information for Data Gaps Assessment

❑ Criteria used

- ▪ Availability
- ▪ Reason for missing Statistics
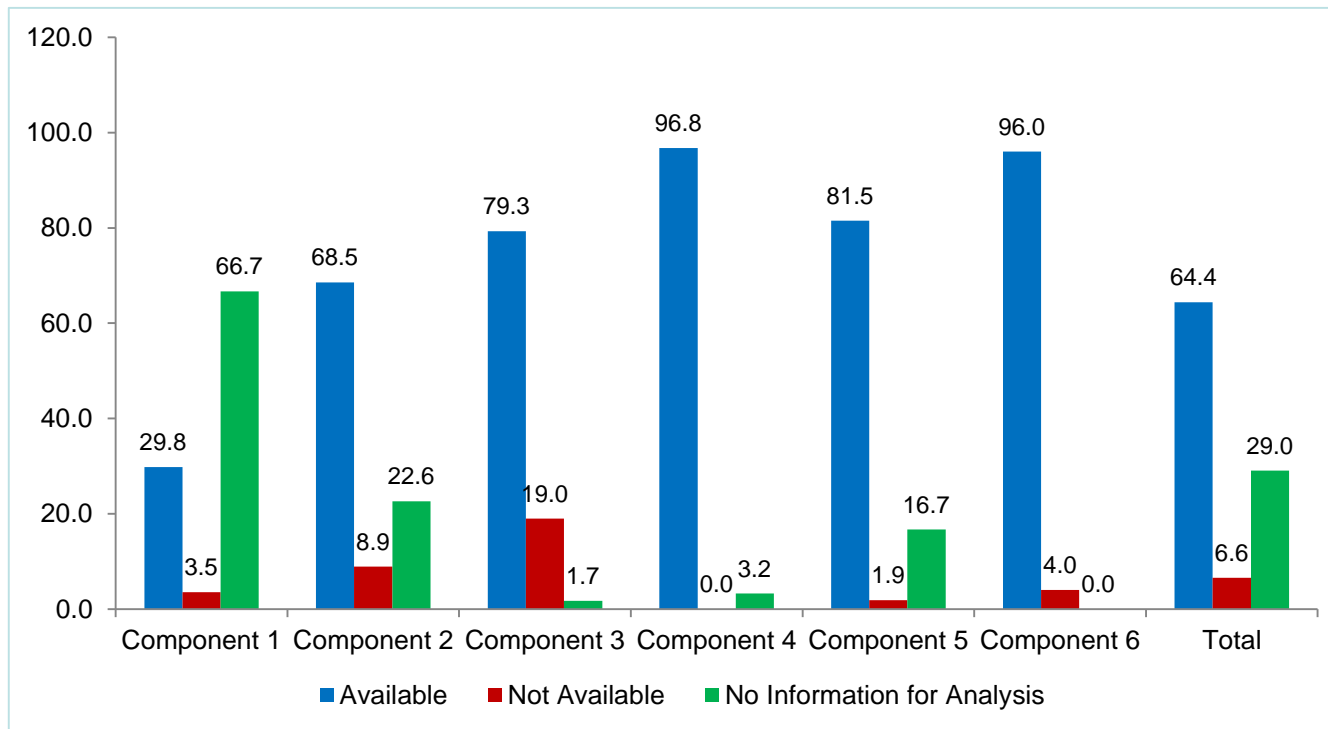- ▪ Relevance
- ▪ Priority
- ▪ Tier Classification

No Infomation 29%

Infomation Available 71%

3. Implementation of the FDES, 2013 and ESSAT - Activities Undertaken

Some Findings from the Data Gaps Assessment Using ESSAT

Proportion of Available Statistics in the Country Compared to the Proposed Statistics in FDES

More than half (64.4%) of the FDES statistics are available in the country

*All most **all statistics (96.8%)** under **component 4** are available*

***Component 1 has high proportion (66.7%)** of proposed statistics which had no information for gaps assessment*

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3. Implementation of the FDES, 2013 and ESSAT - Activities Undertaken

Some Findings from the Data Gaps Assessment Using ESSAT

Availability of FDES Statistics by Components and Tier Classification

Component s	Tier 1	Tier 2	Tier 3	Total
1: Environmental Conditions and Quality	10	18	14	42
2: Environmental Resources and their Use	26	40	19	85
3: Residuals	18	27	1	46
4: Extreme Events and Disasters	4	11	15	30
5: Human Settlements and Environmental Health	12	16	16	44
6: Environmental Protection, Management and Engagement	3	24	21	48
TOTAL	**73**	**136**	**86**	**295**

Out of the available statics (295), about 73 (25%)are core set of environment statistics

More than 40% (136) are classified under tier 2 which includes environment statistics that countries are highly encouraged to produce

There is high proportion (29.2%) of statistics under tier 3... require a more significant investment in time, resources or technological development
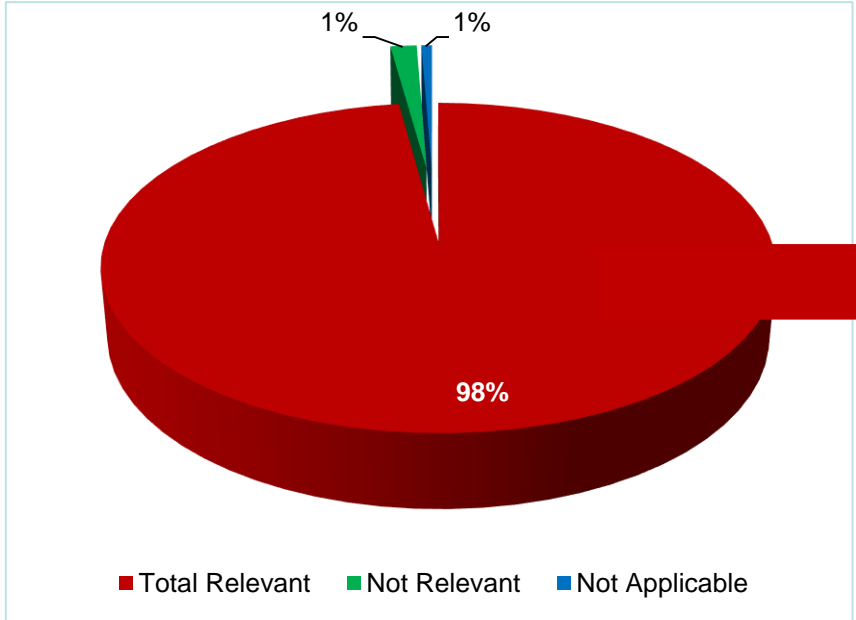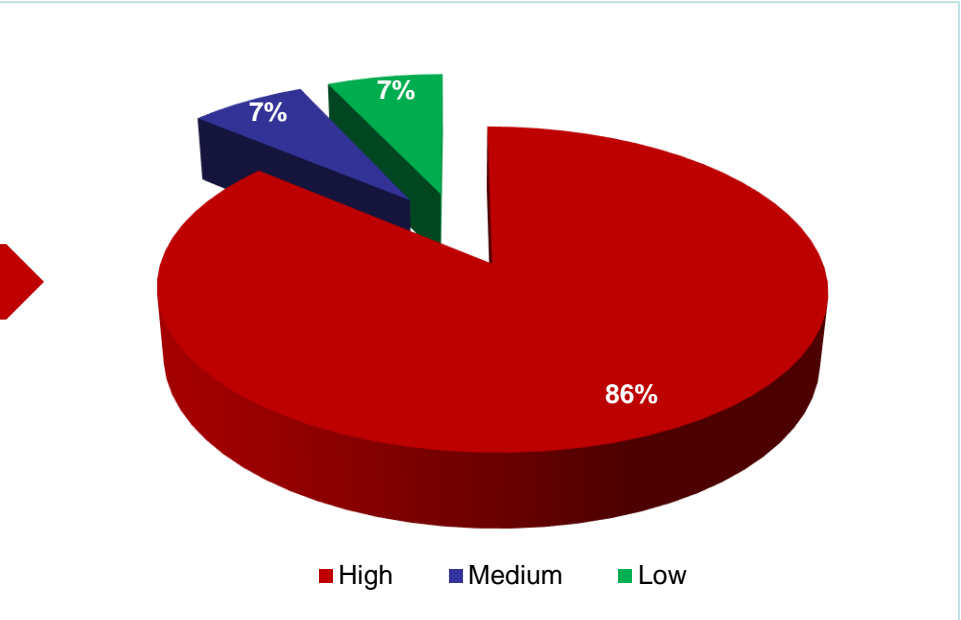
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3. Implementation of the FDES, 2013 and ESSAT - Activities Undertaken

Some Findings from the Data Gaps Assessment Using ESSAT

Relevance of the FDES Statistics for available Information (%)

1%   1%

98%

■ Total Relevant   ■ Not Relevant   ■ Not Applicable

Relevance of the FDES Statistics at Country Level

7%   7%

86%

■ High   ■ Medium   ■ Low

Out of 98% of the Relevant FDES Statistics at the National Level, 86% have been ranked as highly relevant

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4. Main achievements

- Formulation of the **National Technical Working Group on Environment Statistics**

- Experience gained from capacity building workshops and the ESSAT was very useful in **designing the NESAP**

- Environment Statistics **data gaps assessment report** using ESSAT and FDES

- Data gaps assessment facilitated development of **environment statistics data collection template** basing on the FDES, 2013

- Data collection, validation, report writing and dissemination of the **Environment Statistics Report, 2017** which is consistent with the FDES, 2013

4. Main achievements

- **Strengthened partnership within the EAC Member States** on compilation of environment statistics

- Use of the FDES, 2013 and the ESSAT in the preparation of the **EAC Compendium of Environment Statistics (March 2018)**

- Application of the FDES, 2013 in the **compilation of climate change statistics and indicators** for Tanzania

5. Lesson Learnt from FDES, 2013 and ESSAT

- **Strengthened institutional cooperation** by forming the NTWG

- It is an easy to follow and comprehensive structure to support countries to **increase coverage of collected statistics**

- Assist in identification of environmental **data sources**

- Assist in **statistic prioritization** using tier classification

- **Easy to use tool for data gaps assessment** and plans for data collection

5. Lesson Lent from FDES, 2013 and ESSAT..

- **Support on data quality assurance** when comparing the methodology and other quality dimensions used for available statistics

- **Mapping of the FDES with the National Development Frameworks** assisted to improve coverage of indicators for better monitoring the programs

- The Reporting Template for the Results and Analysis of the ESSAT is instrumental in **assessing the state of environment statistics and the needs for their development** at the national level consistent with the scope of the FDES 2013.

6. Main Challenges

- Lack or incomplete metadata for indicators
- Lack or uncoordinated data management systems
- Low response rates for some topics, eg Waste
- Some data are in hard copies
- Data accessibility
- Missing data
- Financial resources

7. The Way Forward

The following are important in strengthening production of environment Statistics:-

- Continue on **strengthening institutional capacities** on data production, dissemination and use

- Continue **using FDES, 2013** in compilation of environment statistics improve coverage of collected statistics

- Conduct **data gaps assessment using ESSAT tools after every two** years and update the National Environment Statistics Report

7. The Way Forward.....

- **Develop a module of environment related questions** to be attached in establishment or household based surveys

- Application of **Data Revolution initiatives** on environment statistics

- To ensure **NESAP is incorporated into NSDS** to guarantee funding and sustainability

- Ensure **specific consideration of e-waste, climate change** and other emerging environment issues during the revision of the National Environment Policy, 1997

FRAMEWORK FOR THE DEVELOPMENT OF ENVIRONMENT STATISTICS (FDES 2013)

United Nations

FDES for Improved Environment Statistics at Country Level

Thank You for your kind Attention!