Final Workshop on Environment Statistics for the East African Community, 23rd-27th, October, 2017

Compilation of Environment Statistics

Tanzania Experience

Arusha, Tanzania

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1. Introduction

- The **growing pressure on environment issues** and **increased environment 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 the implementation of global, regional and national cooperative mechanisms; **MEAs, Regional and National Environmental Actions Plans**.
In Tanzania, Environment Statistics are used in Monitoring National, Regional and International Development frameworks such as:

- Tanzania Development Vision 2025
- FYDP II, 2016/17 – 2020/21
- SDGs, 2030 Development Agenda and
- The Africa Development Agenda, 2063
- EAC Vision 2050
- UNFCCC, EMA act 2004 and others
2. Production of Environment Statistics

- Tanzania has made a great efforts in collaboration with the UNSD to strengthen the production of environment statistics within the NSS.

Some of the initiatives include;

- Introduction and use of the ESSAT I and II to support data gaps assessment.

- Introduction and use of the FDES, 2013 which organizes environment statistics into six components, sub-components and statistical topics.

- Identification and reclassification of the environmental issues highlighted in the National Environmental Policy (NEP, 1997) according to the FDES 2013 and map them with NEAP.
2. Production of Environment Statistics

- Some of the initiatives……;
  - Identification of the *environmentally related SDGs indicators* which can be monitored using the existing national environmental frameworks,
  - Development of *National Environment Statistics Action Plan, 2017/18*
  - *Promote inter-institutional platforms*; development of NTWGs on environment statistics
  - *Promote* for development of environment statistics reports
2. Production of Environment Statistics

- Some of the initiatives.......;

- Consultancy service to strengthening production of environment statistics with two main activities;
  - Conduct a review of the indicators to monitor environment concerns identified in the NEAP, check their relevance with the FDES 2013, and identify NEAP indicators which map with the SDG indicators and;
  - Conduct a review of environmental data from international data sources and their comparability to those from national data sources.
2. Production of Environment Statistics - Achievements

- Formulation of the NTWG
- Conducts 3 workshops - data gaps assessment using ESSAT tools
- Development of environment statistics data collection template basing on the FDES, 2013
- Conduct data collection and supervision
- Conduct data validation workshop with the NTWG
- Development of tabulation plan and 2017 Environment Statistics Report template
2. Production of Environment Statistics - Achievements

- Data collection using UNSD designed waste and water questionnaire
- Responded to climate change questionnaire designed by UNSD for data gaps assessment
3. Coordination - Production of Environment Statistics – Key Actors

- A data ecosystem is the complex system of relationships between data producers, suppliers and users; **It is coordinated by the NTWGs on environment statistics**

![Diagram showing Key Actors in NSS]

- **Key Actors in NSS**
  - NBS
  - MDAs (NTWG)
  - LGAs
  - CSOs
  - Research Inst.
  - Private Sector
  - DPs
  - EOB
  - CGD
  - Official Statistics
  - BIG DATA
  - National and International Data Service delivery data
  - Specialised data
4. Development of the National Action Plan

- NBS in collaboration with the UNSD has developed the NESAP, 2017/18 – 2018/19

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

- The NESAP was designed to monitor implementation of programs towards national, regional and global development agenda
5. Main Challenges

- Lack or incomplete metadata for indicators
- Lack or uncoordinated IS within MDAs
- Low response rates for some topics, eg Waste
- Some data are in hard copies
- Many call backs
- Bureaucracy
- Data quality
- Missing data
- Financial resources
6. The Way Forward

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

- Finalize data collection for identified gaps during development of the 2017 Environment Statistics Report template by end of October, 2017
- Develop metadata for all available indicators
- Draft a report for 2017 Environment Statistics Report by March, 2018
- Continue on strengthening institutional capacities
- Application of Data Revolution initiatives on environment statistics
- Conduct data gaps assessment using ESSAT tools after every two yrs
6. The Way Forward

The following are important in strengthening production of environment statistics:

- Continue using FDES, 2013 in compilation of environment statistics
- Develop a culture of including an environment module on the Population and Housing Census and other surveys
- To ensure FDES work plan is incorporated into TSMP 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
- TMA to plan digitizing the records stored in hard copies
7. Evaluation of the project

- In recognizing the importance role of Environmental Statistics in decision making for environmental management, the UNSD started to work on a Development Account Project named;

“Supporting Member States in developing and strengthening environment statistics and integrated environmental-economic accounting for improved monitoring of sustainable development”. 
7. Evaluation of the project

- In Tanzania, the support is being realized through a number of activities including,
  - Capacity building workshops on the FDES, 2013 and ESSAT tools
  - Improved data quality assurance procedures when comparing the methodology and other quality dimensions used for available statistics
  - Environment statistic prioritization using tier classification
  - Application of the ESSAT tools for data gaps assessment
  - Promoting inter-institutional platforms and Strengthening National Statistical System
7. Evaluation of the project

- In Tanzania, the support is been realized through a number of activities including...cont,
  - Mapping of the FDES with NEAP, NEP and other development programs assisted to improve coverage of indicators for better monitoring the development initiatives
  - Development of NESAP
  - Development of template for metadata to be used by MDAs
Asante!