

**National Workshop on E-Waste Data Validation and Introduction to Compilation of  
Climate Change Statistics**

**Dar es Salaam, Tanzania**

**13-15 May 2019**



### **Background and Justification**

Tanzania has embarked on a process of developing environmental accounts that is in line with the sustainable development policy and directly contributes to Agenda 2030 for Sustainable Development.

As part of this environmental assessment and providing a training on environment statistics, mainly on e-waste and climate change, Tanzania must benefit from technical assistance from the United Nations University and United Nations Environment Programme.

The technical committee will benefit from the support of experts from both institutions in the framework of a capacity building workshop planned for the 13<sup>th</sup> May to 15<sup>th</sup> May 2019.

### **Objectives of the Workshop**

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 workshop will focus 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.

### **Expected Results**

At the end of the workshop, the members of the technical committee will be better equipped to prepare e-waste and climate change accounts. In the future, an inventory of the availability of environmental statistics will be made.

### **Organizational Modalities**

The workshop is scheduled for a duration of three (03) days and will be held from Monday 13<sup>th</sup> to Wednesday 15<sup>th</sup> May 2019.

*Appendix One – Agenda*

Day 1: Monday, 13<sup>th</sup> May, 2019: E-Waste Statistics

8:30 – 09:00 Opening of the meeting - NBS  
Introduction of the participants and trainers – ALL (UN Environment-Jillian Campbell / Diana Ngina and UN University- Vanessa Forti / Kees Balde)  
Objectives of the meeting – NBS

**Session 1: General introduction of e-waste statistics**

09:00 – 09:30 General introduction into e-waste statistics and the e-waste tool – UNU

09:30 - 10:00 Status of e waste statistics compilation in Tanzania (*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*) – NBS

10:00 – 10:15 Discussions

10:15 – 11:00 Data Types for E-Waste Generation

*Introduction to the type of data that the participants will use for the validation, including a description of the sources + description of challenged faced and data gaps + overview of which institute can help in validating which data - NBS*

*Creation of the groups based on NBS needs (groups should be created based on the type of data/institution involved)*

*Based on the data gaps observed, UNU will suggest data validation techniques - UNU*

**11:00– 11:30 Coffee Break**

**Session 2: E-waste Data Validation from 1998-2017**

11:30 – 12:30 Group work (three groups): Data validation (*To work on the POM tool but each group look at POM for different products*)

**12:30 – 13:30 Lunch break**

**Session 2: E-waste Data Validation from 1998-2017 cont...**

13:30 – 14:30 Group work (three groups): Data validation (*working on the POM tool*)

14:30 – 15:00 Groups present their outcomes, considerations, conclusions and validated data – Moderators group work

15:00 – 15:30 Discussions

15:30 – 17:00 Calculation of e-waste generated

*A representative group (led by NBS) insert data in the e-waste generated tool and generate national e-waste data for Tanzania*

**17:00**            **End of Day 1**

**Day 2: Tuesday, 14<sup>th</sup> May, 2019: E-Waste Statistics**

08:00 – 08:15 Summary of day 1

**Session 3:        Preparation of e-waste key findings**

08:15 – 09:15 Introduction of e-waste key findings – NBS/UNU

*In this session, NBS will make a summary of the data analysed the day before, including the result of validation and assumptions made.*

*UNU will share the recommended key performance indicators for e-waste (including the indicators that could be calculated in the future) for consideration during drafting the outline for e-waste booklet.*

09:15 – 10:30 **Group work:** Preparation of e-waste key findings, recommendations and propose possible solutions

**10:30 – 11:00**   **Coffee break**

11:00 – 11:30 Group present key findings, recommendation and possible solutions – Moderator group work

**Session 4:        Outline for the e-waste Booklet**

11:30 – 12:30 Presentation on the proposed outline for the e-waste booklet including *methodology and key findings* – UNU

*12:30 – 13:00 Discussions (Vanessa can leave to airport after this session)*

**13:00 – 14:00**   **Lunch break**

14:00 – 14:30 Finalization of the proposed outline for the e-waste booklet including *methodology and key findings* – NBS

**Session 5:        Report writing for the e- waste statistics according to the agreed Outline**

14:30 – 16:30 Group work: Report writing for the e- waste statistics according to the agreed Outline

16:30 – 17:00 Discussions

17:00            **End of Day 2**

**Day 3: Wednesday, 15<sup>th</sup> May, 2019: Climate Change Statistics**

8:30 – 09:00    Opening of the meeting - NBS  
Introduction of the participants and trainers – ALL, UN ENVIRONMENT (Jillian Campbell/Diana Ngina)  
Objectives of the meeting – NBS

**Session 1:        General introduction of climate change statistics**

09:00 – 09:30    General introduction to climate change statistics (*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*) – UN ENVIRONMENT (Jillian Campbell/Diana Ngina)

09:30 – 10:30    Discussions

**10:30 – 11:00    Coffee Break**

**Session 2: Status of climate change statistics compilation in Tanzania**

11:00 - 11:30    Status of climate change statistics compilation in Tanzania (*identification of climate change indicators, Data availability and access, challenges and recommendations*) – NBS

12:00 – 12:30    Group work on the set of climate change-related indicators developed by NBS (*4 groups: Climate change process, Climate change Evidence, Climate change impacts and Vulnerability and Mitigation and Adaption*)  
- Review of indicators and assessing data availability and access – UN ENVIRONMENT (Jillian Campbell/Diana Ngina)

**12:30 – 13:30    Lunch break**

13:30 – 14:30    Group work on the set of climate change-related indicators developed by NBS (*4 groups: Climate change process, Climate change Evidence, Climate change impacts and Vulnerability and Mitigation and Adaption*)  
- Review of indicators and assessing data availability and access....cont. – UN ENVIRONMENT (Jillian Campbell/Diana Ngina)

14:30 – 16:30    Presentation to plenary

16:30 – 17:00    The Way Forward in compilation of climate changes statistics in the country

*---- End of workshop ----*