

United Nations Development Account 10th tranche

Sub-regional workshop on integration of administrative data, big data and geospatial information for the compilation of SDG indicators for English-speaking African countries

23-25 April 2018

CR6, United Nations conference Centre, Addis Ababa, Ethiopia,

Co-organized by:

United Nations Economic Commission for Africa (ECA)

United Nations Statistics Division (UNSD)

United Nations Environment Programme (UNEP)

This workshop is organized under the expectation accomplishment “*Enhanced capacity of African countries to launch or improve institutional mechanisms and procedures, at national and local level, for the production and utilization of SDG indicators*”. It will allow experts from national statistical systems, academic institutions in the region, and international organizations to discuss issues and challenges with regard to the use of administrative records and non-traditional data sources for timely decision making and service delivery at the local level, and the integration of geospatial information and statistics for effective and efficient implementation of SDGs. The workshop will also help facilitate countries and other relevant institutions to share best practices in use of technology and innovative approaches, including the geospatial information systems, to enhance the production of data and statistics.

The workshop will help participants achieve a common and improved understanding of the technical issues and challenges involved in using non-traditional and administrative data sources in the production of statistics for the implementation and follow up and review of Agenda 2030. The workshop, through sharing of good practices, will help clarify how these new and non-traditional data sources can be integrated and mainstreamed into the national data and statistical systems for timely evidence-based decision making at all levels. A summary note including main challenges, case examples, and suggestions on how to integrate data sources in the production of data will be prepared. In addition, the discussions of the workshop will inform subsequent technical advisory missions to the project countries and the development and refinement of national strategies for the development of statistics (NSDSs).

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Draft agenda

Venue: CR6, United Nations conference Centre

Monday 23 March 2018

8.30-9.00 **Registration of participants**

9.00-9.40 **Opening and welcome remarks**

- 30' - *Mr. Luis Gonzalez Morales, UNSD*
- *Mr. Joseph Ilboudo, Chief, Statistical Development Section, African Centre for Statistics*

10' Introduction on the outline and objectives of the workshop
Mr. Léandre Ngogang, ECA

Session 1: Scanning the environment

Chaired by Malawi

9.40-9.55 Non-traditional data sources, administrative data and geospatial information system: an overview of the global perspective

Mr. Luis Gonzalez Morales, UNSD

9.55-10.05 Overview of the result of self-assessment survey on the integration of administrative data, big data and geospatial information for the compilation of SDG indicators: *the institutional framework, resources and management*

Mr. Xuan Che / Mr. Haile Mulualem, ECA

10.05-10.20 Questions and answers

10.20-10.40 **Tea/coffee break**

10.40-10.50 Geospatial data and the 2030 Agenda

Mr. Dany Ghafari, UNEP

10.50-11.00 Training on administrative data and geospatial information at Eastern African Statistical Training Centre (EASTC)

Mr. Mwakasisi Tuntufye Godfrey, EASTC

11.00-11.10 On Non-traditional data sources: A Handbook on the role of Civil Society in enhancing the scope of official statistics

Mr. Khogali Khogali

11.10-11.30 Addressing the integration of non-traditional data sources, administrative data and geospatial information for producing official statistics in Africa through the strategy for Harmonization of Statistics in Africa

Mr. Léandre Ngogang, ECA

11.30-11.40 Questions and answers

11.40-13.00 Roundtable on how the NSDS incorporates the use of non-traditional data sources, administrative data and geospatial information for producing official statistics, including SDG data and statistics

All the countries (5' per country)

13.00-14.00 **Lunch break**

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- 14.00-14.30 Roundtable on how the NSDS incorporates the use of non-traditional data sources, administrative data and geospatial information for producing official statistics, including SDG data and statistics
All the countries (5' per country)
- 14.30-15.50 Discussions and conclusion
- 15.50-16.10 **Break**

Session 2: Use of administrative data for implementing and tracking the progress of Agenda 2030

Chaired by Mauritius

- 16.10-16.25 Use of administrative data for official statistics - Global perspective
Mr. Luis Gonzalez Morales, UNSD
- 16.25-16.35 Overview of the result of self-assessment survey on the integration of administrative data, big data and geospatial information for the compilation of SDG indicators: *Administrative data sources*
Mr. Xuan Che / Ms. Tissie Nadzanja, ECA
- 16.35-16.50 The importance of administrative data in the era of the SDGs
Xuan Che, ECA
- 16.50-17.30 Questions and answers

Tuesday 24 March

- 8.30-8.50 Case studies on the use of administrative data for official statistics - *15 min per presentation*
- Use of administrative data for statistical purposes, the case of Kenya
Mr. Gituanja Michael Gitau, Kenya National Bureau of Statistics
 - Managing Administrative data in Mauritius
Mr. Laloo Jalil Ahmud, Statistics Mauritius
- 8.50-9.25 National experiences on access, use and challenges of administrative data and record for the production of official statistics, including domain-specific SDG indicators and statistics (*15 min per presentation*)
- Ghana's experience in the integration of administrative data and records in the production of official statistics
Mr. Victor Owusu Boateng, Ghana Statistical Service
 - Use of administrative data and records for official statistics in Nigeria
Anne Labigah Ibrahim, National Bureau of Statistics of Nigeria
 - Improving quality and use of administrative sources – Rwanda's experiences
Ms. Ishimwe Caroline, National Institute of Statistics of Rwanda
- 9.25-9.45 Questions and answers
- 9.45-10.00 **Tea/coffee break**
- 10.00-11.05 Roundtable /discussion on access and use of administrative data and challenges as well
All the countries
- 11.05-12.00 Discussions and conclusion

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Session 3: Use of big and other non-traditional data sources in SDG implementation and monitoring

Chaired by The Gambia

- 12.00-12.15 New data sources, including big data, in official statistics – Trends and work being done at the global level
Mr. Molla Hunegnaw, ECA
- 12.15-12.30 Overview of the result of self-assessment survey on the integration of administrative data, big data and geospatial information for the compilation of SDG indicators: *Big data sources*
Mr. Xuan Che / Mr. Haile Muluaem, ECA
- 12.30-12.45 Non-traditional data sources for official statistics: what to retain from the current dynamics?
Mr. Léandre Ngogang, ECA
- 12.45-13.00 Questions and answers
- 13.00-14.00 **Lunch break**
- 14.00-14.15 Case studies on the use non-traditional data sources
- Investigation of the potential of big data in Egypt. *Mr. Raymon Andrawes, Central Agency for Public Mobilization and Statistics (Egypt)*
- 14.15-14.45 National experiences on the access and use of new data sources (phone data, crowd-sourced data, etc.) - *15 min per presentation*
- Using big data sources for statistical purposes – Botswana experience
Mr. Otukile Thuso, Statistics Botswana
 - Harnessing big data for statistical purpose in Uganda
Mr. Muhwezi Bernard Justus, Uganda Bureau of Statistics
- 14.45-15.15 Questions and answers
- 15.15-15.35 **Tea/coffee break**
- 15.35-16.45 Roundtable/discussion on requirements to the use of big data and other non-traditional data sources, including the application of the fundamental principles of official statistics and the African Charter on Statistics to data from these sources
All the countries
- 16.45-17.30 Discussions and conclusion

Wednesday 25 March

Session 4: Geospatial information systems

Joint session between the regional workshop on integration of administrative data, big data and geospatial information for the compilation of SDG indicators for English-speaking African countries and the International Workshop on Global Fundamental Geospatial Data Themes for Africa

Chaired by Swaziland

- 0900 – 0920 Welcome Remarks and Introductions
- *Mr. Oliver Chinganya, Director, African Centre for Statistics*
 - *Mr. Sultan Mohammad, Chair, UN-GGIM: Africa*
- 0920 - 0935 Overview of the geospatial section of the self-assessment questionnaire on the integration of administrative data, big data and geospatial information for the compilation of SDG indicators: Integration of statistical and geospatial information progress in the integration of GIS to improve the production, analysis, and use of SDG Indicators

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Mr. Xuan Che / Mr. Haile Mulualem, ECA

9.35– 10.15 Indicator Demos: How does the use of innovative data sources can support the SDG implementation and monitoring?

- *Establishment of the National Spatial Infrastructure in Namibia, Mrs. Lovisa Nangombe, Namibia Statistics Agency*
- *Mr. Malamsha Deogratus Herman, National Bureau of Statistics of Tanzania*
Mr Abdel Aziz Konate, Burkina Faso

10.15 – 10.30 Questions and answers

10.30 – 11.00 **Tea/coffee break**

11.00 – 11.30 Integrating the broader data ecosystems: Integrating the Global Statistical Geospatial Framework and the Global Fundamental Geospatial Themes

- *Mr. Luis Gonzalez Morales, UNSD*
- *Mr. Emmanuel Nkurunziza, RCMRD (TBC)*

11.30-12.30 Discussion

12.30 – 13.30 **Lunch break**

13.30 – 14.30 GFDT background history, context and scene setting, including pivot into Africa context

- *Mr. Greg Scott, UNSD/UN-GGIM Secretariat*
- *Mr. Andre Nonguierma, ECA*
- *Mr. Derek Clarke, South Africa*

14.30 – 15.00 **Tea/coffee break**

15.00 – 16.00 The Global Fundamental Data Themes Journey: An Introduction into the 14 Themes

- *Ms. Clare Hadley, United Kingdom*

16.00 – 17.00 Breakout and discussion

17.00- 17.30 **Closing ceremony and farewell**

- *Mr. Luis Gonzalez Morales, UNSD*
- *Mr. Greg Scott, UNSD (UN-GGIM Secretariat)*
- *Mr. Oliver Chinganya, Director, African Centre for Statistics*