Break-out group 3A

Session 1: Supporting the transformation of statistical production process from the data collection to dissemination in the context of the digital and technological revolution

CAPACITY DEVELOPMENT

1. What could be the benefit of a broader integration of i. admin data, ii. Big data, and geospatial information in the production of official statistics and indicators? And what are the main issues in using these 3 categories

- Quality of the data (admin data) is problematic. No proper structure and verification. Standards and classification of the data is an issue. Need for regulations to guide the use of the admin data
- Very little use of big data – Lack of access to data from mobile companies. Use of mobile phone data to track migration pattern. Need human resource and training.
- Use of geospatial data for census – satellite imagery. Need to increase the production of geospatial statistics. Limitations in capacity and processing of the data. Will improve reporting in terms of coverage
- Need adequate human resources in quantity and quality
- Integration of big data and geo spatial will improve the quality and use of data of the various NSOs and the NSS. It will also help policy makers to identify critical issues to address
- All producers of admin data should work closely with the NSOs

2. To what extent has innovative technologies been deployed in your respective production processes starting at data collection to the dissemination of official statistics

- Introduction of CAPI by the use of tablets for censuses, surveys, and other data collection access to Information Management systems of other agencies.
- Stopped dissemination through the paper system (online, e-mail, social media, use of tableau software), utilisation of scanning technology, exploring the use of automation systems
- Dissemination portal for SDGs (National Reporting Platforms) with indicators aligned with metadata linked with government policies
- IT strategy to improve the data production system

3. Can you provide us with any relevant success stories, new initiatives or best practices regarding question 1 and 2?

- Use of CAPI speed up the production process
- Users can access micro-data on line and produce online graphs and tables (process information online)
- Data sharing – implemented a system for sharing data electronically

What additional support would you wish to receive in order to better grasp the digital revolution in the production of statistics and indicators

- Licence fee for some software are costly. NSOs has constraints to renew licence.
- Need support for training (especially long term) in the use of big data and techniques of analysing data
- Support around enhancing capacity to deal with cyber crime
- Need support to build capacity in the area of data science
- Support for other countries to share experiences from the use of various Software and technology . Online inventory of software and technology and best practices.
- Problem of how to dispose old devices – could donate them to schools

Is there anything from the discussion on this session that should be covered in the Handbook?

- Guidelines on what should be contained on the website of the various NSOs.
- Guidelines on how to harmonise statistics