Strategic Development at the Global Level
The UN Global Working Group on Big Data for official statistics

Niels Ploug, Director of Social Statistics at Statistics Denmark, co-chair of the GWG
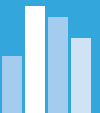npl@dst.dk – DGINS 2018

STATISTICS
DENMARK

Background

2014   Established by the UNSC at it's 45th meeting

2014   1st Global International Conference on Big Data for Official Statistics, Beijing

2015   Big Data Seminar at the 46th UN Statistical Commission

2015   2nd Global International Conference on Big Data for Official Statistics, Abu Dhabi

2016   3rd Global International Conference on Big Data for Official Statistics, Dublin

2017   4th Global International Conference on Big Data for Official Statistics, Bogota

2018   Open Day of the Global Working Group – 21st of October the day before the World Data Forum in Dubai

2019   5th Global International Conference on Big Data for Official Statistics in Africa, in the spring in Rwanda (planned)
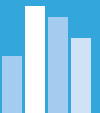
Members

- **28 Countries**

- **16 International organizations**

- **Co-chairs Denmark and the UK**

- **https://unstats.un.org/bigdata/**

Task Teams

- Access and Partnerships
- Big Data and the Sustainable Development Goals
- Mobile Phone Data
- Satellite Imagery and Geo-Spatial Data
- Social Media Data
- Training, Skills and Capacity-building
- Committee on Global Platform for Data, Services and Applications

- Activities:
- Handbook and training activities e.g. workshops in relation to the Bogota Conference
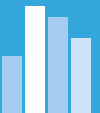
Recent developments

- **Project collaboration with <u>tech companies</u> – Microsoft, Google & Nielsen**

- **On – Prices, Tourism, Consumer Confidence, AI & Agriculture/Landcover**

- **With huge interest from many of the NSO's that participate in the GWG**

- **Plan for the establishment of a <u>advisory board</u> to assist with among other things the quality check of the handbook material from the task teams**

Global Platform

The Global Platform should:

Provide scale and scalability for access to and capacity building in the use of Big Data and its integration with administrative sources, geospatial information and traditional survey and census data, and for use of the related services, applications and infrastructure.

Global Platform

In terms of products and services, the Global Platform could:

(a) <u>facilitate the access</u> to and the use of information technology infrastructure and proprietary data sources;

(b) <u>host specific global projects</u> such as on the global enterprise registers and on bilateral or multi-lateral data asymmetries;

(c) <u>store and give access to new open source applications</u> for the use of multi-source data sets for more timely and flexible production processes for official statistics and

(d) <u>provide training and capacity building services</u> in the use of new data sources in the statistical production.

(e) Being a global platform for official statistics, it envisaged that the data access could also include <u>access to trusted (micro) datasets from official statistical sources</u> and access to verified and curated data provided by private and public partner organizations.

(f) Services of the global platform could include <u>services of Cloud storage and computing, technical statistical services</u> (e.g. stand alone or as building blocks to develop applications), and capacity building in relation to these services.

Visit the website on https://unstats.un.org/bigdata/