UN Committee of Experts on Big Data and data science for official statistics

- Created in March 2014 by the UN Statistical Commission
- Mandated to give direction to the use of Big Data for Official Statistics
- Inter-governmental body with 31 countries and 16 international organizations
- Collaboration of more than 300 experts from all stakeholder communities
Mandate

Provide
Strategic vision, Direction and Coordination
for a global program on Big Data for official statistics

Promote practical use of Big Data sources:
> Methods
> Data pipelines
> APIs
Structure of UN-CEBD
Task Teams with relation to Transport statistics

- Measuring Rural Access
- Mobile Phone Data
- AIS Data
- Facilitation of Access to Privately-Held Data
- Privacy Preserving Techniques
A network of experts – about 100 institutes
Project Activity on the UN Global Platform

Using AIS (Shipping Data) to provide faster economic indicators

Producing consumer price indices using Scanner data and webscraping

Producing crop statistics from Earth Observations and data pipelines

Producing tourism, migration, population and transport statistics using mobile phone data

Developing techniques to preserve the privacy of sensitive data
Training in Big Data and Data Science for official statistics

- Big Data Training Curriculum
- Big Data Maturity Matrix
- Big Data Competency Framework
- E-Learning Courses
- Training of data scientist in academic centers
- Mentorship
Regional Hubs for Big Data expand the platforms reach

- Rwanda
- Brazil
- UAE
- China
Thank you

Ronald Jansen
Assistant Director
United Nations Statistics Division
New York, USA
Email: jansen1@un.org ; BigData@un.org

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