

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

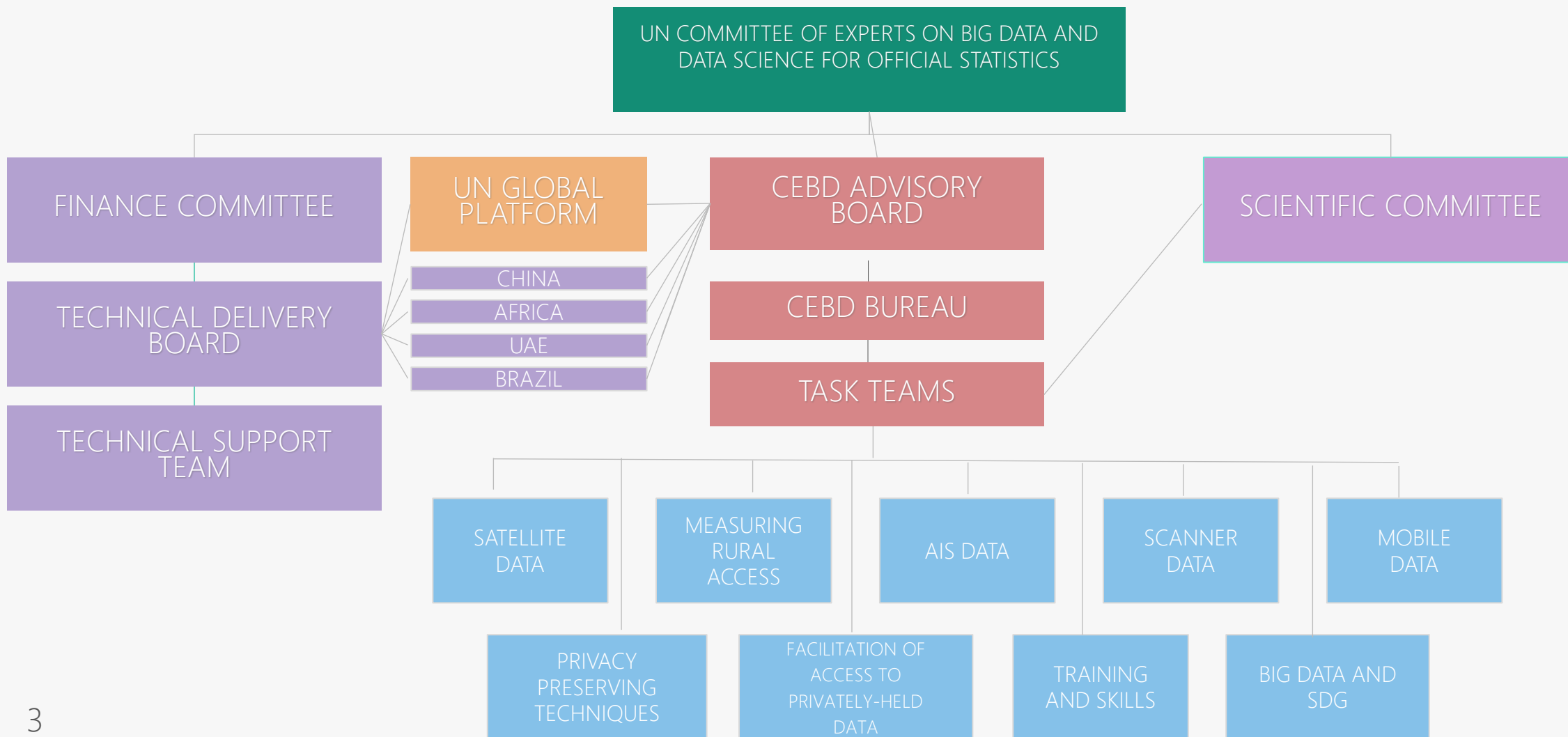
Strategic vision, Direction and Coordination
for a global program on Big Data for official statistics

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

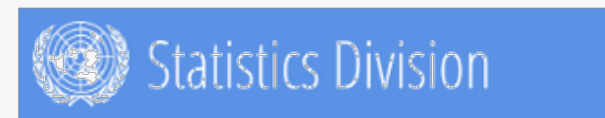
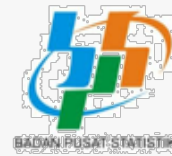
FACILITATION OF ACCESS
TO PRIVATELY-HELD DATA

PRIVACY PRESERVING
TECHNIQUES

A network of experts – about 100 institutes



FLOWMINDER.ORG



Project Activity on the UN Global Platform



Using AIS (Shipping Data) to provide faster economic indicators



Producing consumer price indices using Scanner data and web scraping



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**



E-Learning Courses



**Big Data Maturity
Matrix**



**Training of data
scientist in academic
centers**



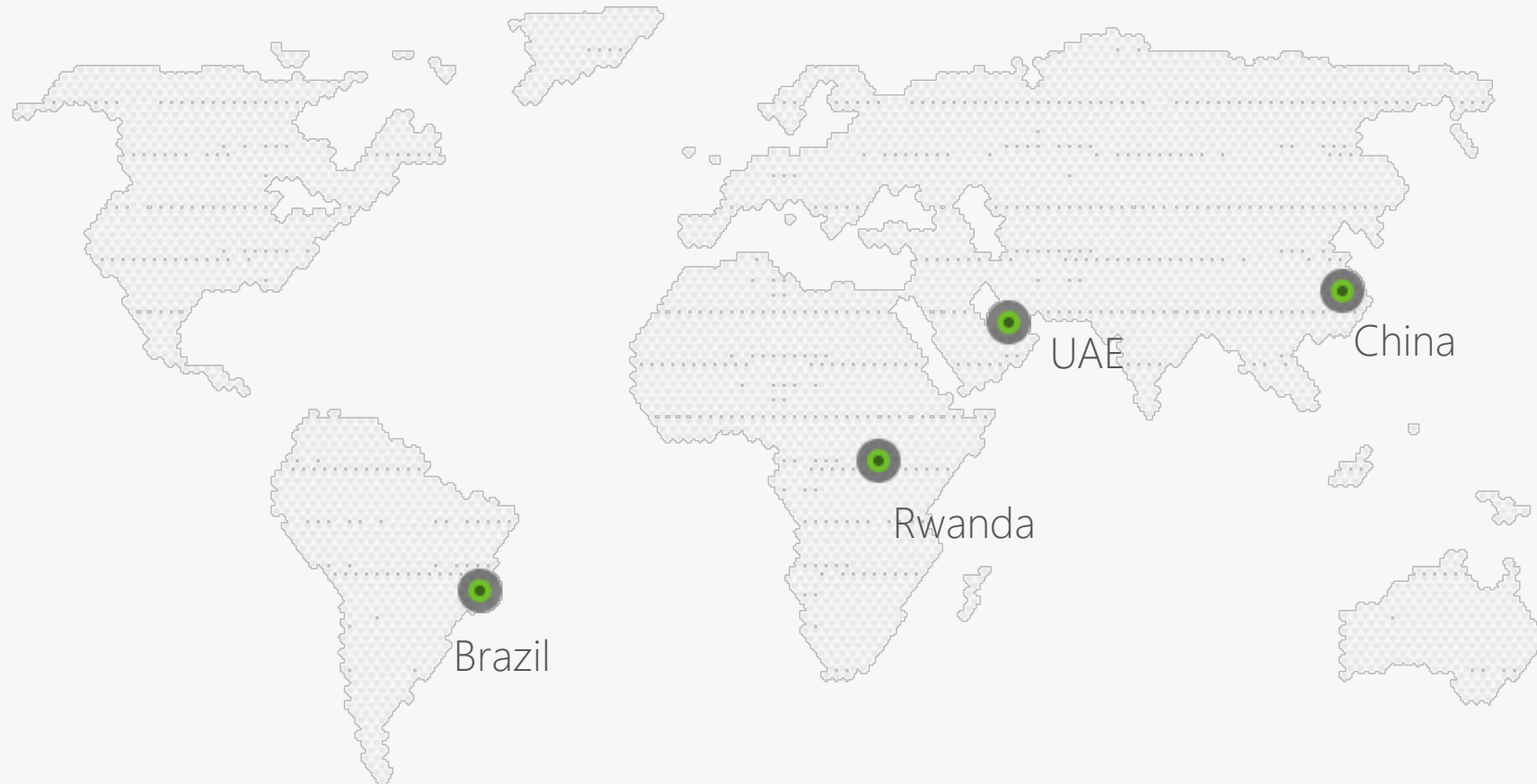
**Big Data
Competency
Framework**



Mentorship



Regional Hubs for Big Data expand the platforms reach



Thank you

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