14th Meeting of the Heads of National Statistical Office of BRICS Countries
11 October 2022
China - Virtual

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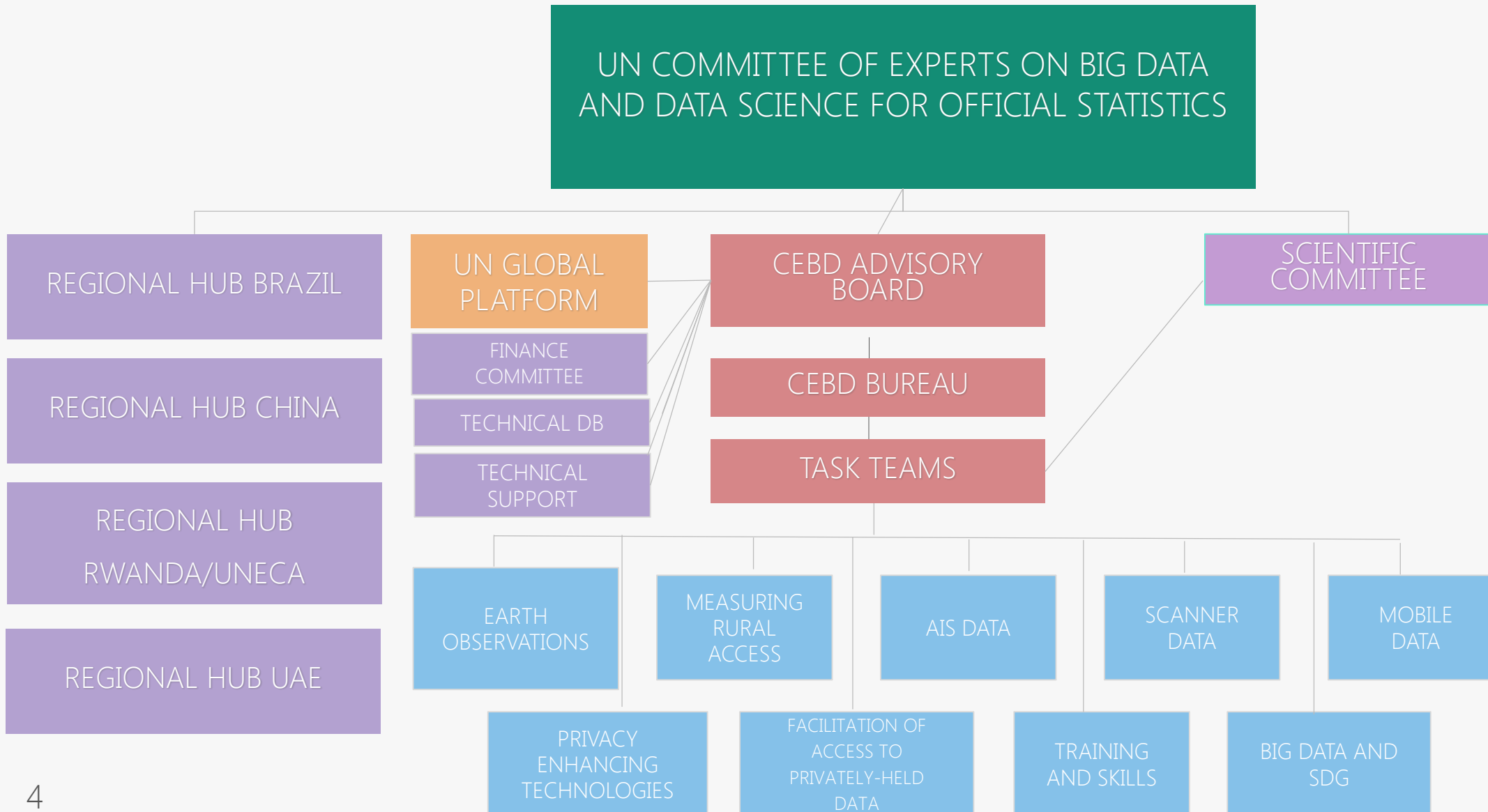https://unstats.un.org/bigdata/

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 around 500 experts from all stakeholder communities

United Nations BigData

Organization of Committee

UN COMMITTEE OF EXPERTS ON BIG DATA AND DATA SCIENCE FOR OFFICIAL STATISTICS

REGIONAL HUB BRAZIL

REGIONAL HUB CHINA

REGIONAL HUB RWANDA/UNECA

REGIONAL HUB UAE

UN GLOBAL PLATFORM

FINANCE COMMITTEE

TECHNICAL DB

TECHNICAL SUPPORT

CEBD ADVISORY BOARD

CEBD BUREAU

TASK TEAMS

SCIENTIFIC COMMITTEE

EARTH OBSERVATIONS

MEASURING RURAL ACCESS

AIS DATA

SCANNER DATA

MOBILE DATA

PRIVACY ENHANCING TECHNOLOGIES

FACILITATION OF ACCESS TO PRIVATELY-HELD DATA

TRAINING AND SKILLS

BIG DATA AND SDG

9 Task Teams with 500+ experts

Earth Observations for agriculture statistics

AIS data for Maritime Transport and Trade statistics

Big Data and SDGs

Mobile Phone Data for Tourism and Population statistics

Scanner data and webscraping for price statistics

Rural Access to All Season Roads

Capacity Development, Skills and Competencies

Access to privately-held data

Privacy Enhancing Technologies

Regional Hubs for Big Data expand the capacity development possibilities

Regional Hubs

Projects – China

- Strengthen interoperability between China hub and UN Global Platform

- Use of Satellite Imagery for Agriculture Statistics

Events – UAE

Activities – Brazil

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

UN Global Platform

Purpose: Global collaboration on Data innovation

Provides:

- Access to Data
- Access to Technology services
- Access to Expertise
- Making use of Big Data possible for small offices

Expertise

Data engineers

Cloud experts of NSO

IT experts of NSO

AWS support

Data scientists

AIS experts

Flowminder

Positium

Open Mined

University of Tokyo

Bocconi University

University of Oslo

Statisticians

Statistics Canada

Statistics Netherlands

ONS, UK

BPS Indonesia

UN Statistics Division

ISTAT

Statistics South Africa

Statistics Poland

World Bank

Statistics Denmark

NBS China

FCSC UAE

NISR Rwanda

IBGE Brazil

Projects

Projects

    Port activity

    Maritime emissions

    PET lab

    ARIES for SEEA

    Sen2Agri

    SDG finance

    Social responsibility

Technology stack

    .STAT

    Semantic web

    AWS Cloud formation

    Kubernetes

Statistical Domains

    Transport / Trade

    Prices, CPI

    Tourism

    Migration

    Population dynamics

    Information society

    Displacement

    Climate Change

    Environment

    Agriculture

    SDG indicators

    Privacy protection