Fifth expert meeting of the Working Group on Geospatial Information of the IAEG-SDGs

Geospatial Information for Sustainable Development

6th – 7th November 2018
Tribe Hotel, Nairobi, Kenya

Robert Ndugwa
Chief Global Urban Observatory / Data and Statistics Unit
Research and Capacity Development Branch
UN-HABITAT
Warm greetings from the Executive office of UN-Habitat
• Hosting such a diverse group of experts and members of the IAEG-SDGs WGGI is an honor.

• This is a unique opportunity to learn, share our work and get feedback.
Our mandate: Sustainable urbanization
UN-Habitat has more than 40 years of monitoring urban trends
Spatial data is key for urban monitoring

Monitoring experience indicates that it’s not possible to understand urbanization or transitions in human settlements without integrating spatial data into conventional statistics.
Spatial data helps understand urban trends

Over the last 20 years, sprawl has dominated urbanization processes - on average, the rate of land consumption by cities was 1.5 times their rate of population growth.
Spatial data enables more accurate urban monitoring

We are moving from interpreting what we know to using spatial settlement taxonomy and characterization for data extraction.

Therefore, we are able to understand the location of slums and informal settlements better and their spatial structure, and in turn to more accurately estimate disadvantaged populations.
Our growing mandate in monitoring

1 Target: (7D proportion of urban population living in slums)

14 global Indicators

Workload increased +100 fold – we need help from geospatial & EO community

Implementing the New Urban Agenda

14 global Indicators

200 related Indicators
Effective monitoring requires support from geospatial & EO community

Tools
- LUOs
- CPI
- NSC
- Database
- Training Modules

Actions
- Capacity development
- Joint pilots
- Data generation and sharing

Tools
- COUNTRIES
- CITIES
• UN-Habitat will support Biannual reporting of urban SDGs through SDG 11 synthesis report series.
• Report to show / analyze global and regional strengths and give directions for sustainable urbanization
Welcome to Nairobi
Karibu Kenya