

# Earth Observation for Sustainable Development

ESA's World Bank engagement

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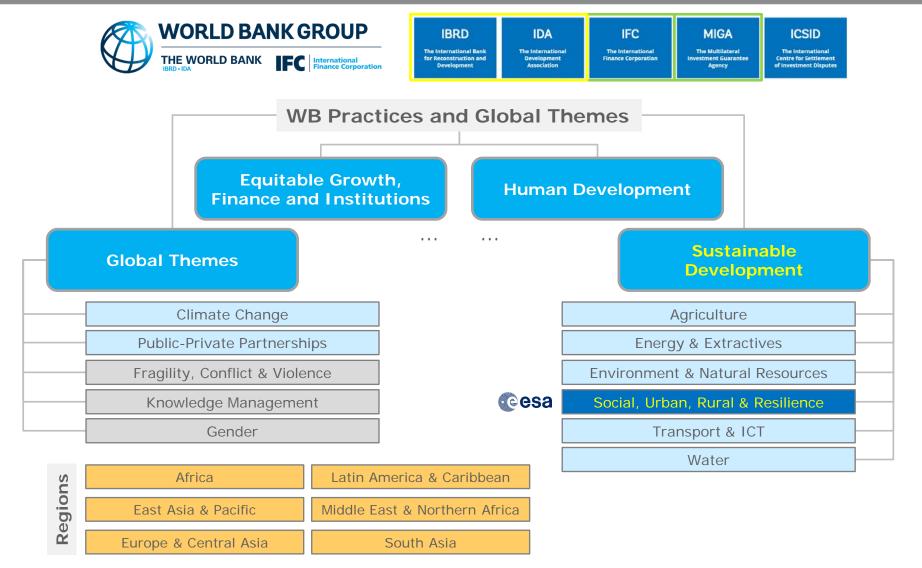
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## Introduction: ESA engagement in WBG





## **Current Status:** Selected activities



### Set-up of Geospatial CoP and Analytics & Geospatial WG

~500 people community across WBG |vs| strategic advisory body

### Set-up of GOST (Geospatial Operations Support Team)

- Originating out of SD Chief Economist Office in fall 2016 → now (FY18) moved to Knowledge Management under Global Themes
- Initially thought of as internal support unit (analytics, data access, standard products);
  broadening quickly → now also including procurement (vendors, service providers) etc.

#### WBG Data Council

- Created in 2014 linked to president's office, CEO leading
- Addressing priority (development) data gaps → geospatial added as 4<sup>th</sup> area (AGWG)
- Data Development Hub (with separate explicit reference to geospatial data)

### WB membership in GEO

Originated out of GSURR, moved to DEC → GOST now taking the lead

#### IFC

Venture Investment unit → \$20m investment in Planet, looking for more

### Partnerships

UN-GGIM, GPSDD

# 'Geospatial' Outlook: Drivers & initiatives



#### IDA18 replenishment 2016

Massive focus change → both geographical and thematic; budget allocation

#### Drivers on analytics

- DEC (Development Economics Group) → data and research
- SD Chief Economist's Office → driving AGWG
- Knowledge Management Unit → GOST + big data + open learning

#### Drivers on operations

- Global Solutions Groups → 'Land & Geospatial', 'Territorial and Spatial Development'
- UN-GGIM (MoU signed in 8/2017) → global framework according to INSPIRE

#### SDG context

- WBG SVP on 2030 Development Agenda, UN Relations and Partnerships (M Mohieldin joined GPSDD board → now joint initiatives/funding)
- DEC (Atlas of SDGs 2017 → ESA requested to support further consideration of geospatial/EO for next edition)

# Challenges



- Main point for WBG: 'How to better serve the client'
  - Lending operations
  - Trust funds and grants
  - # Advisory Services and Analytics

Two-fold capacity building: internal (WB)/external (clients)

- WB handling of 'geospatial' (EO as part of that)
  - Traditionally in silos, not part of broader strategy
    - ★ Starting to break up: GOST, Data council, etc. (ESA contributed to this process through increasing internal awareness via eoworld 1/2)
    - Lack of long-term strategic institutional commitment
  - ESA considered as trusted partner and strategic advisor (crucial visibility throughout the hierarchy needed due to dynamic management movements)
  - Support needed on move from data to services (lack of incentives for TTL)
  - Open data 'ambiguity' → policy vs. practice regarding EO data

#### Procurement practices

- No common practice on geospatial (changes/updates happening via GOST)
- Aim: integrate 'geospatial' as standard component in ToRs