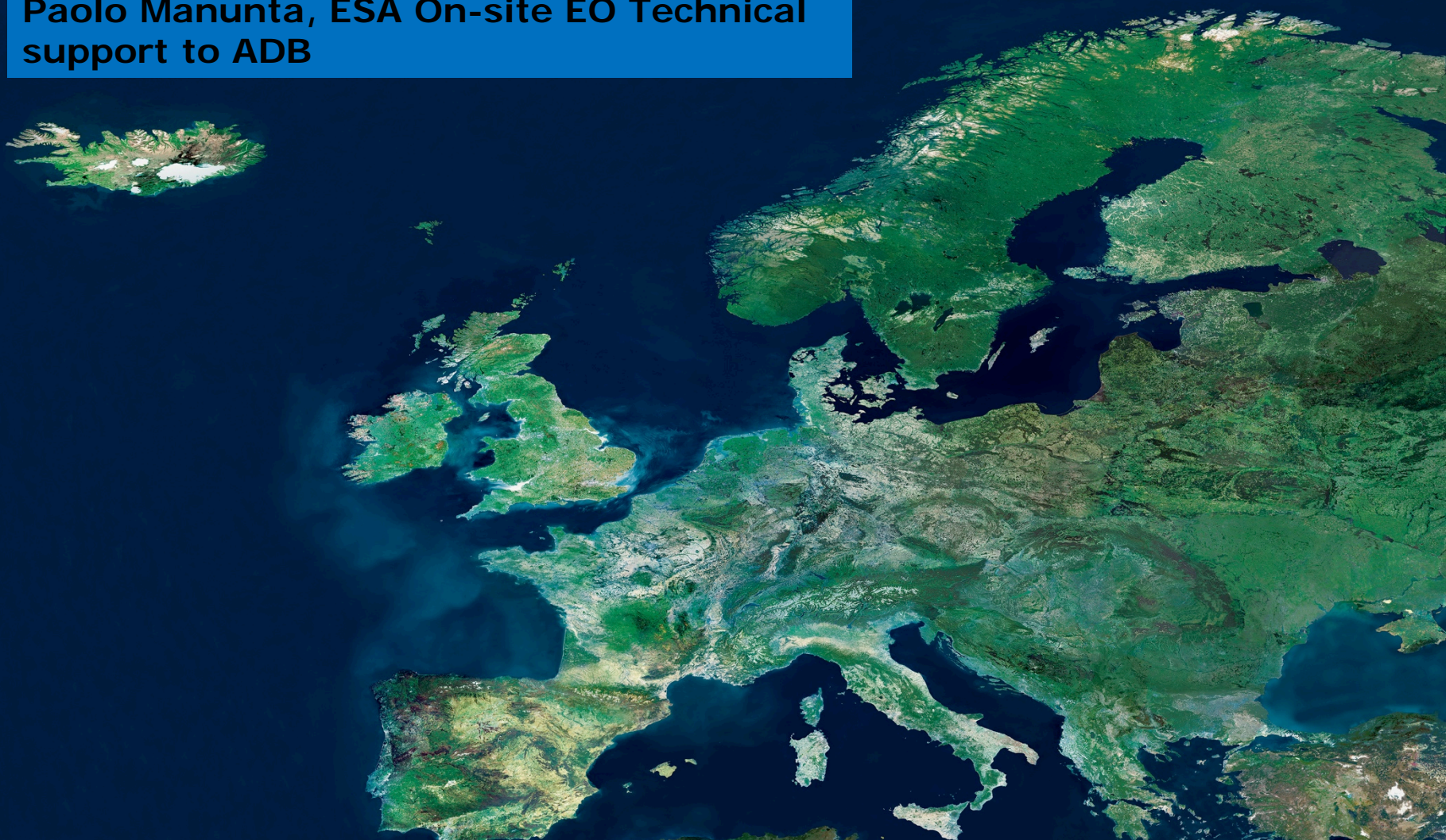


Paolo Manunta, ESA On-site EO Technical support to ADB



SDCC Sustainable Development Climate Change Department

“Provides leadership, innovation, and knowledge sharing for ADB's sector and thematic work”.

Location:

- **Sector Advisory Service Cluster (SDSC):** Supports operations in education, energy, health, finance, transport, water, and urban development

Interfaces:

- **Thematic Advisory Service Cluster (SDTC):**

Climate Change Coordination and Disaster Risk Management Division

Agriculture, Rural Development, and Food Security Unit

Duration: Started 01 June 2017 for 2 years

- ADB to decrease the time to deliver loans/grants. During project preparation EO can help (e.g. Climate Change Assessment to be attached to Report and Recommendation of the President to the Board of Directors).
- Significant funding for urban development project preparation comes from Trust Funds. There is an opportunity to show donors potential use of national space asset/Space Agencies capacity.
- More and more request for ESA representative to join missions to design EO based solutions, and translate user requirements into service requirements.



→ EARTH OBSERVATION FOR A TRANSFORMING ASIA AND PACIFIC

A portfolio of twelve Earth Observation projects supporting Asian Development Bank activities

- Trust Funds expected to increase in volume, Cities will still be an important focus.
- Natural capital investment also important in South East Asian and Pacific.
- Co-financing from other sources will continue, better if new proposals contains innovative solutions (e.g. GEF, GCF).
- A Spatial Application Facility (SAF) is now being designed/procured by ADB as a common repository for Bank geo-information, Beta-version ready end-2017.



- We need to simplify the complexity of space, EO needs to be explained and accompanied into its inclusion in operations (capacity-building).
- Easy tools needed for the integration of EO with other data during project preparation (eg. construction of a “dashboard”), and project operations (eg. friendly Graphic User Interfaces).
- All EO-based information to be compatible for storage in the Spatial Application Facility (SAF).
- EO needs to be combined with other wider digital solutions.
- EO needs to be combined with modeling to provide answers for Climate Change Risk Assessment.

