

Background & Context

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Context

- First Meeting in Jan 2018 took stock of current status on the use of EO in some national Development Aid Agencies and activities,
- Results, lessons learnt and recommendations taken onboard,
- Discussions with OECD (Feb),
 DAC ODA decision (July)
- Further analysis undertaken,
- Now discuss potential ways forward.











Background: Overview of experiences with International Financing Institutions (IFIs) projects/programs

International Financing Institutions (IFIs)



• 65+ small-scale demonstrations of EO-based environmental information in the implementation of Official Development Assistance (ODA) projects during 2011-15,





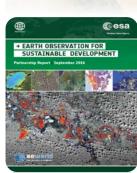
World Bank, Dec 2015

Asian Development Bank, Nov 2016







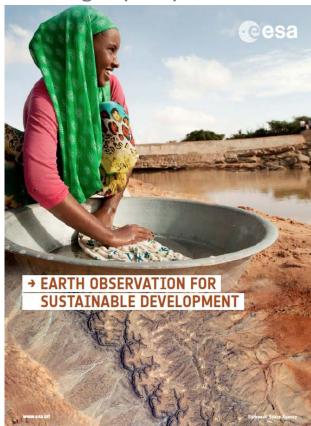


Slide 4

Earth Observation for Sustainable Development

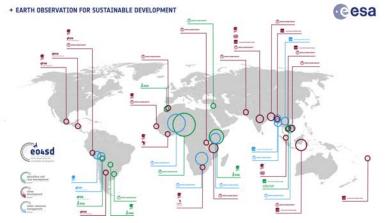
Scaling-Up, Specific Priorities





Phase 1 (25 M€, 2016-2020):

Consolidate Requirements, engage stakeholders (IFIs & Client States) via Large-scale regional demonstrations of EO.



Priority thematic areas:

2016: Agriculture, Urban Development, Water Resources,

2018: Marine & Coastal, Disaster Risk Reduction, Fragile & Conflict States, Climate Resilience & Proofing,

2019: Forestry, Ecosystems Services,

























EO4SD Clinic

- Respond to ad-hoc, short-term, speculative requests for smallscale EO support,
- Can be from IFIs, Aid Agencies, Client States,
- For 24 months, start 2019 -> end 2020,
- Cruising-level capacity, 2-3 requests/month, deliver within 3 months of request,
- Can be for more innovative types of environmental information.













Slide 6

European Space Agency



A matchless portfolio of ready-to-use data and services to generate innovative and actionable information that supports the realization of sustainable cities and communities.

→ URBAN TEP



Supporting sustainable food production from space

The easier options for processing large volumes of EO data for the polar regions

→ POLAR TEP

A one-stop shop for forestry remote sensing services for the academic and commercial sectors.

→ FORESTRY TEP

A powerful community platform to



A unique set of tools to forge new applications globally and to address the challenges of monitoring tectonic areas, earthquakes, volcanic eruptions and landslides

→ GEOHAZARDS TEP



→ HYDROLOGY TEP



EO4SD LAB

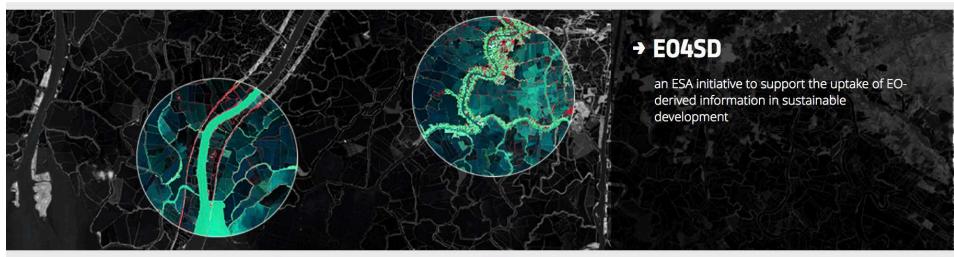


- A Discovery & Development environment,
- Big Data, Massive Computing, Cloud technology,
- Can be for IFIs, Aid Agencies, Client States,
- Requirements (functional, content) driven by Users,
- For 12 months, start mid 2019 -> mid 2020,



earth observation for sustainable development





eo4sd.esa.int





→ ESA OPENING A DIALOGUE WITH

NATIONAL AID AGENCIES

MORE ABOUT EACH PROJECT





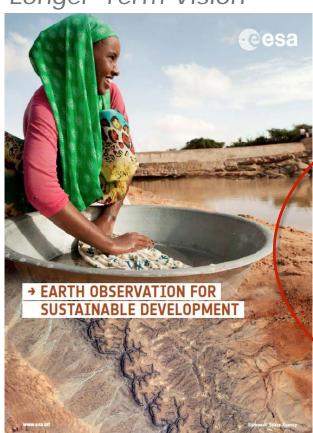




Earth Observation for Sustainable Development

Longer-Term Vision





Dedicated new ESA Programme (Space4IDA)

Phase 2 (TBD M€, 2020~2025): Mainstream & Transfer EO into operational working processes & financing of Development Aid as 'bestpractice' source of environmental information and in support of Environmental Safeguards Systems (ESS) and Monitoring & Evaluation (M&E) methodologies, SDGs reporting. Capacity-Building, Knowledge **Development & Skills Transfer** to developing countries.





















