



GLOBAL MONITORING OF THE ENVIRONMENT AND SECURITY (GMES) & AFRICA.

African Union Commission
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Background

- GMES & Africa was launched in Lisbon, Portugal on December 7, 2007 during the 2nd EU - Africa Summit as a response to the Maputo Declaration in 2006
- The Global monitoring for Environment and Security Initiative is the European Programme to establish European capacity for Earth Observation
- Developed by the European Union (EU) and European Space agency
- Designed to enhance Africa cooperation with European Union on earth-observation to drive development on African priority areas.
- GMES and Africa is supported under the framework of the JAES SM, under the 10th EDF

Objectives

- Aims to set-up an overall framework in Africa for Earth Observation (EO) applications through a long term partnership between African and European stakeholders.
- To provide sustainable, reliable and timely services related to environmental and security issues to the public and policy makers
- To support national and regional policies in key areas

GMES & AFRICA: The Process

- The development and adoption of the GMES and Africa Action Plan is aimed:
 - to help decision makers in understanding the importance of Earth Observation for sustainable development and poverty alleviation
 - to identify thematic priorities to enhance the use of EO in Africa;
 - to outline operational modalities to reach GMES & Africa objectives,

GMES & AFRICA: The Process

5 Cross Cutting Issues

- Policy and Institutional framework.
- Infrastructure framework.
- Capacity building
- Financial.
- Monitoring and Evaluation.

9 Thematic Areas

- Long term Management Natural Resources.
- Water Resource Management.
- Marine & Coastal Areas.
- Climate variability & change.
- Natural & Human induced disasters.
- Conflict & Political crises.
- Food Security & Rural development.
- Infrastructure for territorial development.
- Health Management.

GMES & AFRICA: The Process

- Three Thematic Workshops:
 - 9-10 Oct. 2012, Kenya: Marine and Coastal Areas
 - 14 – 15 May 2013, Nigeria: Water Management
 - 25-26 June 2013, Egypt: Natural Resources Management
- One Validation Workshop: South Africa

Challenges

- The very long process in the development of the action plan.
- The participation of the African experts (issues of ownership) and sustainability of the initiative.
- Financing the GMES and Africa initiative
- GMES focal points at country level

Way Forward

- The GMES and Africa action plan
 - Finalize and cost the action plan
 - Develop cross cutting activities (training etc)
- Capacity building
 - Strengthen African capacity in MESD, AMESD,
 - MESA, EUMETSATCast etc...

Long term vision

- Pan African University – space science institute

Thank You.