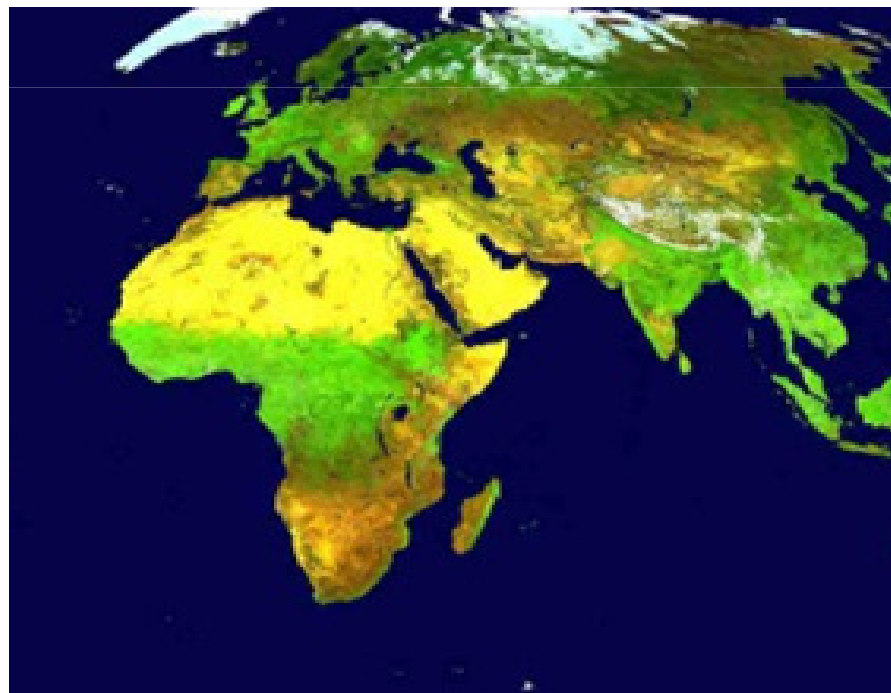


Long-term Natural Resources Management Workshop, 25 -26 June 2013, Egypt



Presentation on GMES & Africa, African Union Commission



GMES: Global monitoring for Environment & Security

- Is an **independent Earth Observation system** for Europe designed to response to global needs to **manage the environment, understand and mitigate the effects of climate change and ensure civil security**.
- User-centric programme that provides **services for the environment and security**
- It provides information for policymakers, scientists, businesses and the public

GMES ARCHITECTURE

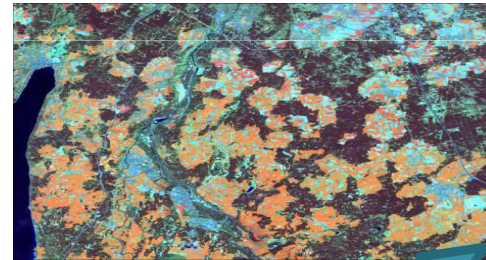
Space infrastructure component for GMES: different missions co-ordinated at EU level

- Sentinel missions specifically developed for GMES
- Contributing missions: EO missions



Info Services Component:

Management of natural disasters, food security and rural development, management of natural resources, water resource; Impacts of climate variability / change; marine and coastal areas; Conflicts and political crises etc.



In-situ observation infrastructure: air- sea- and ground-based systems and instruments:

GMES & AFRICA

- Enhanced long-term strategic cooperation for the integration and deployment of African requirements and needs in GMES services through a cooperation framework: GMES & Africa Action Plan
- Promote the development of local capacities (institutional, human and technical) for the access and exploitation of EO-based services on operational basis for sustainable development in Africa
- GMES & Africa was launched in Lisbon, Portugal on December 7, 2007 during the 2nd EU - Africa Summit as a response to the Maputo Declaration of 2006
- Enable the two continents to jointly solve and address global challenges - MDGs, climate change, food security, emergency, security, etc
- The GMES & Africa initiative was integrated into the 1st Action Plan of the EU-Africa Joint Strategy, under the Partnership #8 on Science, Information Society and Space

GMES & Africa: Process

END-USERS

Policy makers

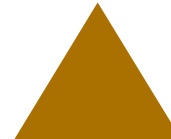
Public

Private/
Business

Identify users



What is their needs?



Information services

Land

Marine

Atmosphere

Emergency

Security

Climate



Observing

EARTH-OBSERVATION (SPACE & IN-SITU INFRASTRUCTURE)

GMES & Africa

Open consultative process:

- Identification of users and relevant stakeholders
- Mapping of existing EO capacities, activities & programmes
- Identification of gaps
- Needs for service development
- Needs for capacity building
- Identification of adequate financing instruments
- Data policy and governance issues

❖ Deliverable:

- **GMES & Action Plan:** an overall framework for enhanced and long-term cooperation in Earth Observation between African and European stakeholders

State of Play: GMES & AFRICA

Crosscutting t Issues

1. Policy and Institutional framework
2. Infrastructure framework
3. Capacity building
4. Financial
5. Monitoring and Evaluation

Thematic Issues

1. Long term Management Natural Resources
2. Water Resource Management
3. Marine & Coastal Areas
4. Climate variability & change
5. Natural & Human induced disasters.
6. Conflict & Political crises.
7. Food Security & Rural development.
8. Infrastructure for territorial development.
9. Health Management.

Towards GMES & Africa Action Plan

1



Marine and Coastal Areas
Workshop, 9 -10 Oct. 2012,
Kenya



2



Water Management Workshop,
14 – 15 May 2013, Nigeria



3



Natural Resources Management
25-26 June 2013, Egypt

Validation Workshop for the first 3 thematic areas



GMES & Africa Validation workshop for the first 3 thematic areas, South Africa

Present the outcome of the workshop as GMES & Africa Action Plan on 3 thematic areas to the relevant political process



The main objective is to have some GMES Services deployed in Africa that deliver on the priorities articulated in these 3 themes.



Celebrating the OAU/AU 50th Anniversary





Celebrating the OAU/AU 50th Anniversary



Science, Technology and **Innovation** Month

December 2013



New Face: Commissioner for Human Resources, Science and Technology



H.E. Dr. Martial De-Paul IKOUNGA

Thank you /Merci

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Senior Policy Officer

Department of Human Resources, Science and Technology