



# GLOBAL MONITORING FOR ENVIRONMENT AND SECURITY (GMES) & AFRICA

**GMES & AFRICA VALIDATION WORKSHOP**  
**24-25 OCTOBER 2013**

African Union Commission  
Department of HRST  
Science and Technology Division

# Content

What is GMES and Africa

Objectives of GMES and Africa

The process of operationalizing GMES and Africa

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Objectives of the validation workshop

# What is GMES and 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 in 2006
- Space component programme of the EU-Africa Partnership under the Lisbon Joint Strategy of 2007, designed to provide **long-term capabilities for Africa to benefit from the development** and application of space technologies resources.
- Build on GMES European Product and seeks to enhance cooperation with European Union on earth-observation to drive development on African priority areas.
- Political Guidance
- GMES and Africa is supported under the framework of the JAES SM, under the 10<sup>th</sup> EDF

# Maputo Declaration

“Call upon the European Union to plan an extension of its GMES Europe Initiative to Africa (GMES Africa) and other ACP countries, through which African continental, regional and national decision-makers will have the data and the tools needed for an operational implementation of continental, regional, national and local policies targeting the sustainable management of the African environment, through extensive operational use of Earth Observation technologies”.

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# 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

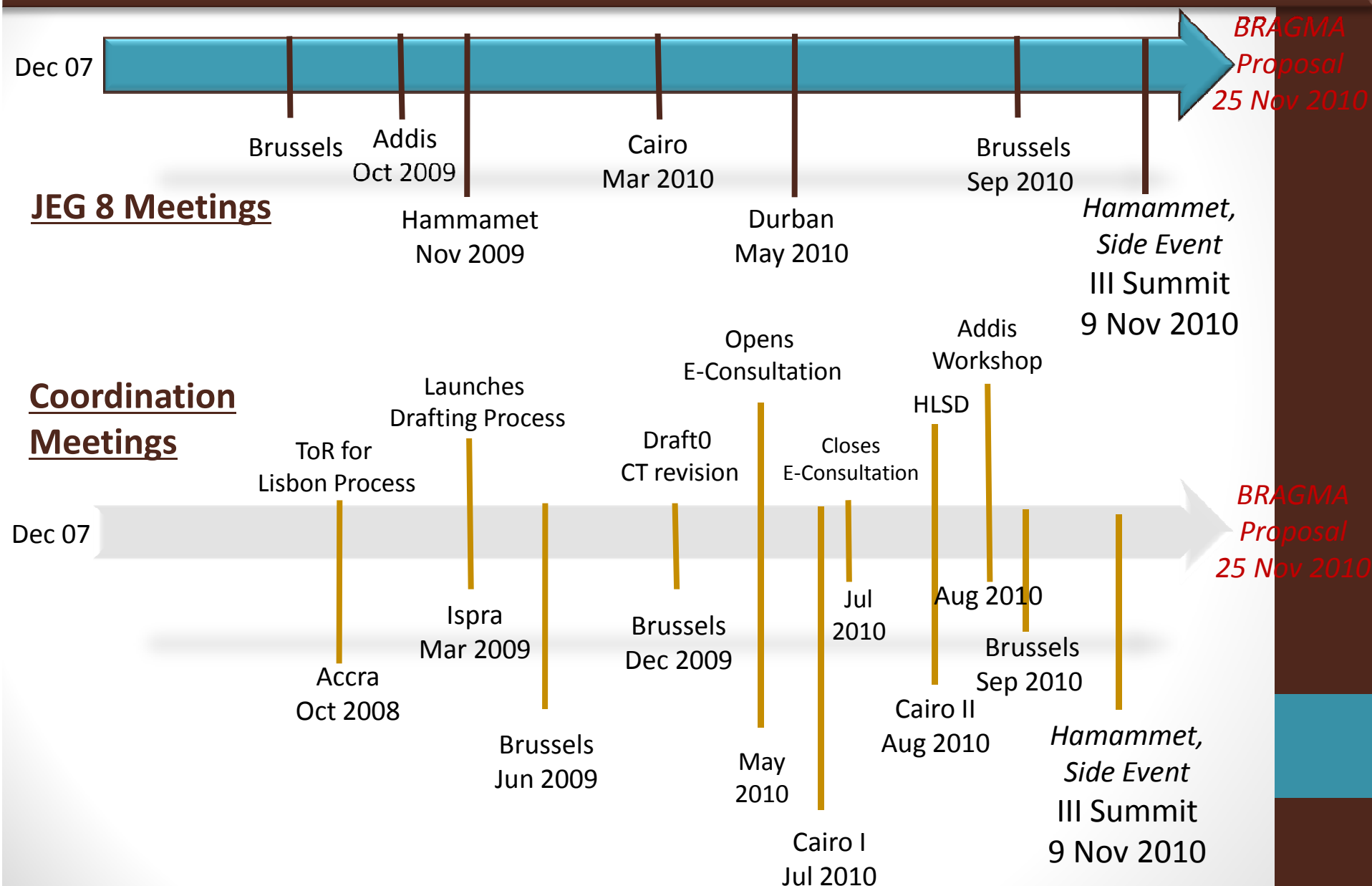
- The development and adoption of the GMES and Africa Action Plan is aimed:
  - to help decision makers in understanding the importance of Earth Observation for sustainable development and poverty alleviation
  - to identify thematic priorities to enhance the use of EO in Africa;
  - to outline operational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

# GMES & AFRICA: The Process

- Develop the Plan of action to be adopted by the Africa-EU Summit in 2010.
  - Experts from Africa and Europe
- GMES and Africa Coordination team
  - AUC, UNECA, RECs, AMCOST, AMCEN, AMCOW, MS,
  - EC, Ms, ESA, EUMETSAT



# GMES & Africa Process



# 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.

# Challenges

- The very long process in the development of the action plan.
- No agreement on baseline document
- The participation of the African experts (issues of ownership) and sustainability of the initiative.
- Troika decision (modular approach)

# Way Forward

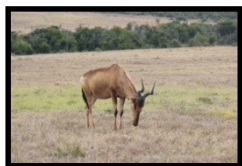
- Three Thematic Workshops:



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



- 14 – 15 May 2013, Nigeria: Water Resource Management



- 25-26 June 2013, Egypt: Natural Resources Management

- One Validation Workshop: 24-25 October, 2013, South Africa

## Process of thematic chapter development

- First versions of thematic chapters drafted 2008-2010;
- Several comments in online discussion forum 2010;
- Scientific committees and consultants contracted for revisions and facilitating online discussions (2012-2013).

## Process of thematic chapter development

At the Technical workshops:

- There was a broad background of technical representatives;
  - 80 participants from 24 African coastal countries
  - 60 participants with 30 African countries
  - 44 participants, 28 African and 7 European countries
- Committed consultation resulted in intensive discussion on updated chapter content through various parallel sessions;
- Chapters were well appreciated and were adopted unanimously, provided comments were incorporated.

## Process of thematic chapter development

- Drafting of final thematic chapters:
  - Including comments from expert workshops;
  - Consultation and comments and oversight of scientific committees provided afterwards;
- Provision of final chapter to CT for further dissemination;
- Drafting of the implementation plans for each chapter.

## Workshop Methodology

- Participation
- Program and agenda



## Objectives and expected outcomes of the workshop

- To consolidate the outcome of the three thematic workshop
- To agree/prioritize the actions resulting from the three thematic workshop
- To agree on the recommendations for implementation of GMES and Africa on the three thematic and cross cutting issues on infrastructure and Governance



**Thank you**