



EC Space policy and GMES

Latest developments and forthcoming activities



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Outline of the Presentation

- **EU and GMES policy context**
- **The GMES programme Regulation**
- **GMES initial operations in 2011-2013**
- **Next Steps**

EU and GMES Policy Context

EU Policy Context

- **EU Innovation and Recovery Plan**
 - **European Council December 2008:** space technologies and derived services part of the European plan for innovation
- **EU 2020**
 - Space, and GMES in particular, is at the service of several policy areas and flagship initiatives
- **GMES is instrumental for the EU actions on climate change,**
 - a major political priority for the Barroso Commission
 - marshalling all the necessary scientific and economic data that exists to help the EU to adapt its policies to the challenge of climate change

Where we stand

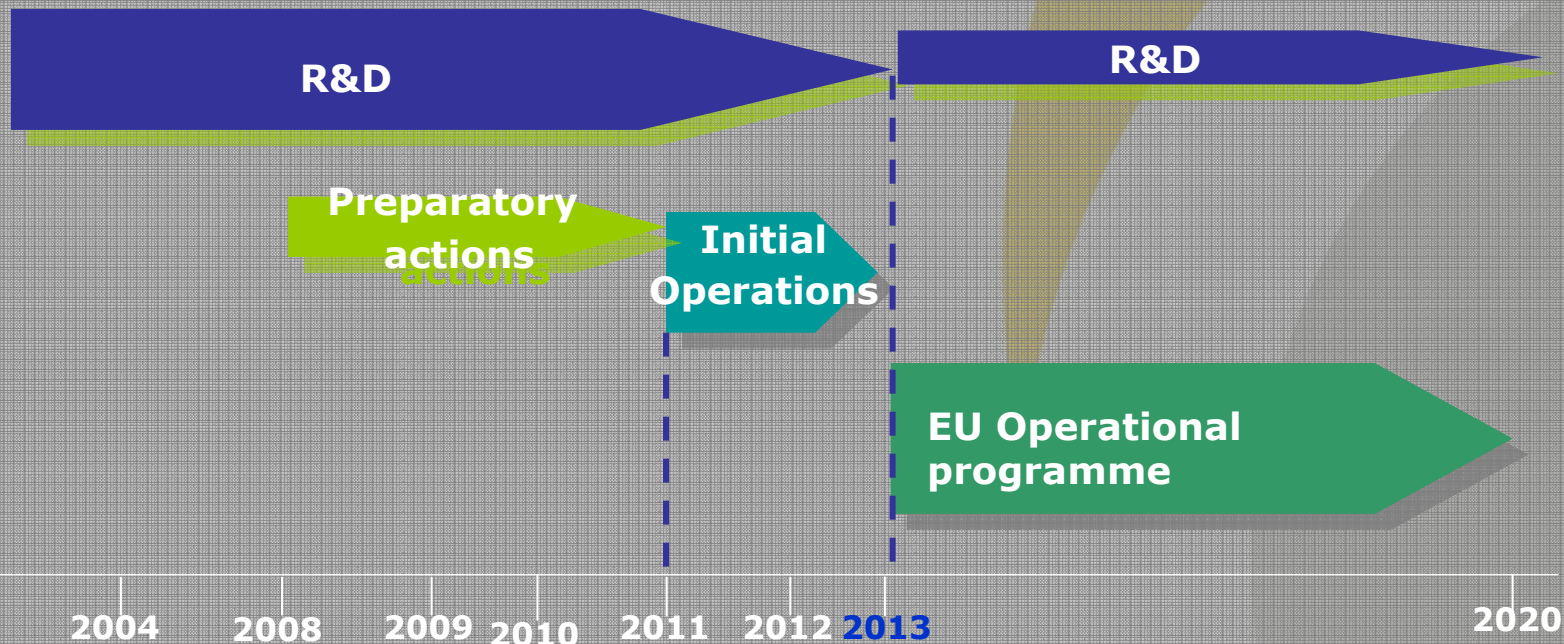
1998	Initiation of GMES, Baveno Manifesto
2000	Gothenburg EU Summit "establish by 2008 an operational European capacity for ... GMES"
2001+	Investments by ESA and EC on services
2005	GMES becomes 'flagship' of the European Space Policy ESA C-MIN in Berlin approves GMES Space Component programme
2006	GMES Bureau creation 1,2 B€ in the period 2007-2013
2008	EC-ESA agreement on GMES signed GMES services presented at Lille Forum
2009	Commission proposal for a GMES Programme Regulation Commission Communication on the GMES Space component
2010	Adoption of the GMES Regulation 13th September 2010; Preparation of operations

Recent GMES Milestones

- 2005** **Phased implementation approach, service definition**
GMES Communication, Space Council
- 2006** **1,2 B€ in the period 2011-2013**
FP7 Adoption, Graz Dialogue
- 2007** **Architecture**
ESP Resolution, Munich Roadmap:
- 2008** **Governance**
Kourou ministerial meeting, Lille GMES Forum, ESP Resolution
GMES Communication; Competitiveness Council Conclusions
- 2009** **GMES Programme**
Commission proposal for a GMES Programme Regulation
6th Space Council orientations
- 2010** **Adoption of the GMES Regulation 13th September**
7th Space Council (November)

From research to operations

‘The GMES Programme shall build on the research activities’ (Art. 2 of the proposal for a GMES Regulation)



Next steps

- | | |
|--------------|---|
| 2010 | Adoption of the Regulation - preparation of the operations |
| 2011 | Start of GMES Initial Operations (2011-2013) |
| 2011 | Commission proposals for GMES post 2013 |
| 2012+ | Launch of first GMES Sentinels |
| 2014+ | (New) GMES Programme |

Content of the GMES programme regulation

GMES Regulation

- **Commission Proposal for a Regulation on « the European Earth observation Programme (GMES) and its initial operations (2011-2013) »**
- **Co-decision procedure 2009-2010**
- **Regulation adopted on 13th September**
- **Two main objectives**
 - **European Earth observation programme**
 - **scope, organisational arrangements, funding arrangements, data policy, participation of third countries**
 - **Financing of the initial operations**
 - **to list activities and propose supplementary funding**

Proposed activities 2011-2013

- Total available budget GMES 2011-2013:
777 M€ combining 3 sources :
 1. FP7: 668 M€
 - 502 M€ Space component and data access
 - 166 M€ Services
 2. GMES Regulation initial operation (GIO): 107 M€
 3. DG REGIO budget: Urban Atlas update (up to 2 M€) as part of Land service
- Need to manage FP7 and GIO funding in a coordinated way (recital 30 Reg.)

- Proposed to focus on 4 activities in GIO:

1. Emergency Management service	12 M€
2. Land monitoring service	26 M€
3. User uptake	5 M€
4. Space component	64 M€

GIO total (2011-2013)	107 M€
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- NB indicative, subject to final adoption by the Commission!

GMES in 2011-2013 – how to do it

- **Commission manages GMES**
 - Notably by allocating funds:
 - FP7 (FP7 committee)
 - GMES Regulation (GMES committee)
 - Overall coherence to be ensured
 - Preparation of the 2011 WP for GMES Regulation
 - to be done in 2010, with the GMES Partners Board (experts group)
- **Overall coordination EU / others**
 - Entrusted to the Commission
- **Users' consultation**
 - User Forum
- **Delegation to other entities**
 - ESA (space component)
 - (possibly) EEA (Land)
 - EUMETSAT?

Next steps

- **Commission MFF-related proposals**
 - Timing: 1st half 2011
 - Impact Assessment ongoing
 - Costs assessment
 - Update of benefits
 - Evaluation of GMES initial operations in 2012



Thank you for your attention!
For further information please visit

EU GMES website :
ec.europa.eu/gmes

GMES ongoing projects information website :
www.gmes.info