



Brussels Space Policy round Table
The Future of GMES
Secure World Foundation,
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GMES Overall View

USERS

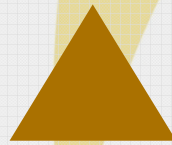
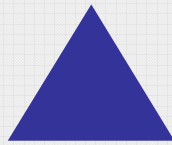


← What is their need?



← Examples provided

Farming Oil Spill Tracking Air quality Flood Surveillance Climate Change



← Information services

Land

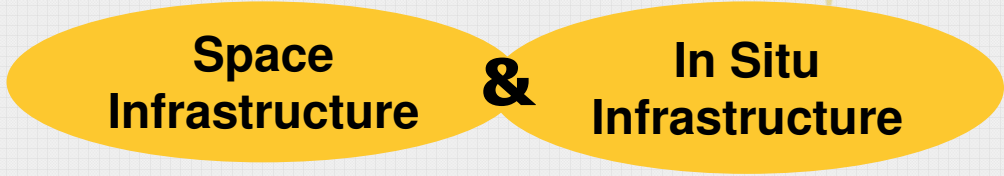
Marine

Atmosphere

Emergency

Security

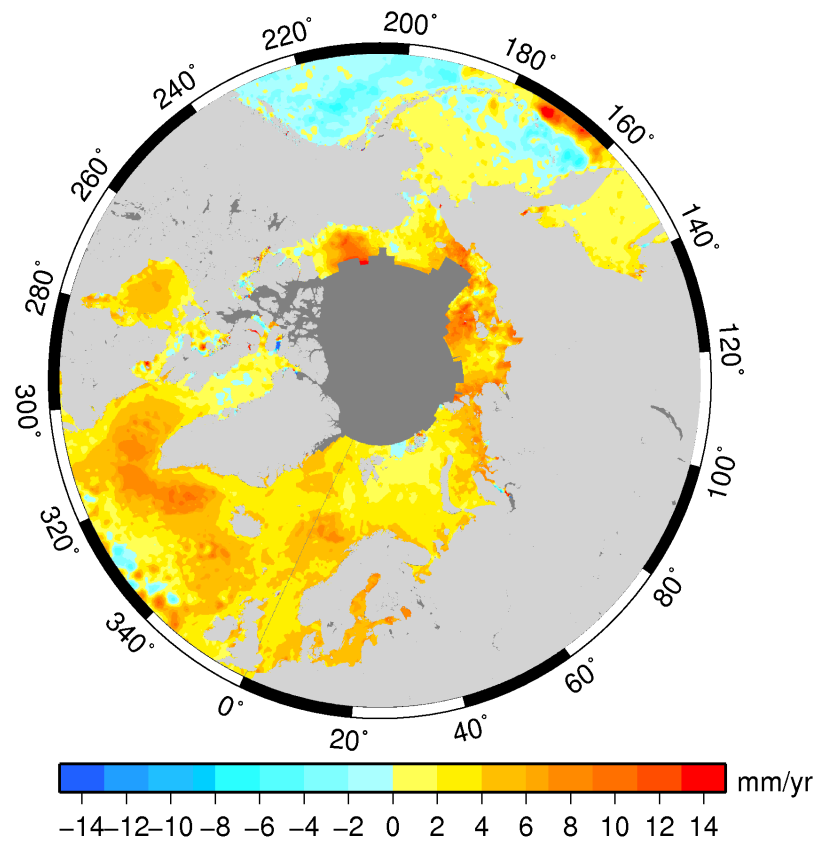
Climate



← Sustainable information

OBSERVATION

Arctic sea level changes (satellite altimetry)



Global funding overview until 2013

- **dedicated investment in GMES up to 2013**
€ 3.200 million
- **(Service and in situ components**
 - **EC** € 520 million
 - **ESA** € 240 million)
- **(Space component**
 - **ESA** € 1.650 million
 - **EC** € 780 million)
- **annual cost after 2013** € 834 million

Added value of an EU operational GMES

- **Long term and reliable provision of data and services**
- **Sustainability of downstream services**
- **Economies of scale**
- **Filling observation gaps**
- **Autonomous access to data and information**
- **Contribution to international efforts on earth observation such as GEOSS**

GMES initial operations (2011-2013)

- **Programme on time**
- **No cost overruns**

Context

- **GMES is a flagship of European Union space policy**
- **Regulation 911/201 establishes the GMES programme and its operations (2011-2013)**
- **Included in industrial policy initiative of Europe 2020**
- **Long-term programme needing sustainable funding**
- **June 2011 Budget Communication proposes that GMES is funded outside the MFF**

Results of impact analysis

- Potential for creation of a downstream market delivering growth and jobs
- According to a cost benefit analysis carried out in 2011, GMES is expected to deliver benefits worth at least **four times the costs** up to 2030

Novelties of the November 2011 GMES Communication with respect to existing Regulation

Launches the institutional debate on the future of GMES and clarifies:

- **funding:** by proposing the setting up of a GMES fund to be made available by MS taking account of contribution keys based on GNI
- **governance:** by proposing the outsourcing of management tasks to the GNSS agency

Way forward

- **Need for full continuity of GMES services**
- **Need to advance quickly to have a programme adopted by end 2013**
- **Competitiveness Council on 21 February**
- **'Friends of the Presidency'-Group**
- **General Affairs Council in June**

**Thanks a lot for your
attention**