



**Enterprise and Industry**

# **GMES data and information policy**

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**USERS**

**Policy makers & Public & Private, commercial**

What is their need?



Examples provided

**Farming Ice monitoring Air quality Flood Surveillance Climate Change**



**Land**



**Marine**



**Atmosphere**



**Emergency**



**Security**



**Climate**

Information services

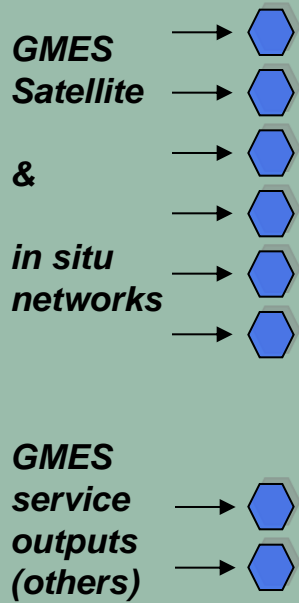
**Space Infrastructure**

**in-situ Infrastructure**

Sustainable information

**OBSERVATION**

## GMES input



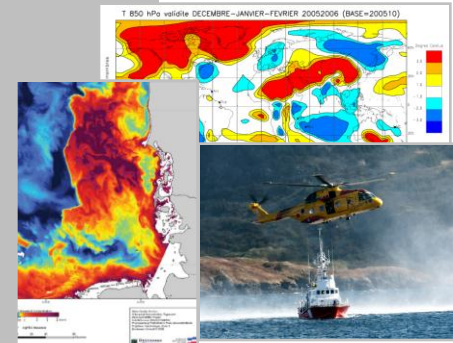
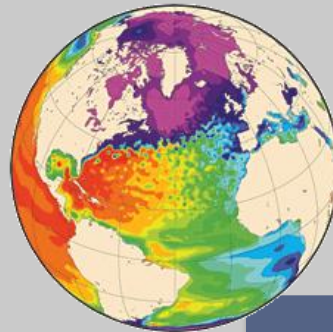
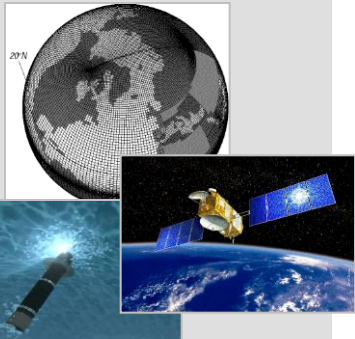
## Core information

GMES services

## User customized information products

Down-stream services

users



# Global funding overview until 2013

*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/year

# Cost - benefit of GMES

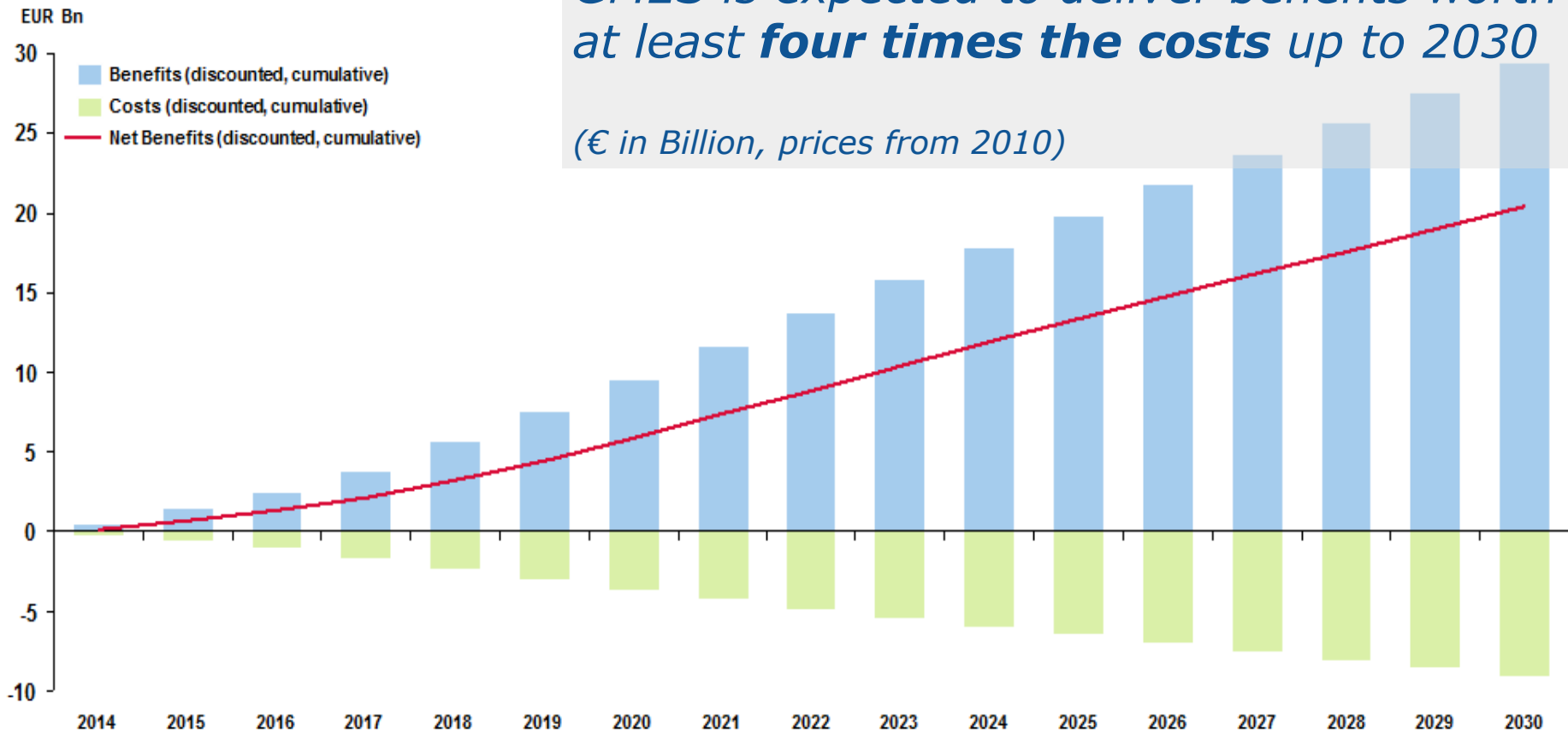
*Value of GMES = information*

- **Short term benefits: support to the implementation of running policies and legislation**
- **Medium term benefits: support to the definition and formulation of new policies//downstream services**
- **Longer term benefits: impacting the formulation and implementation of policies with a global reach//downstream services**

# Cost - benefit analysis

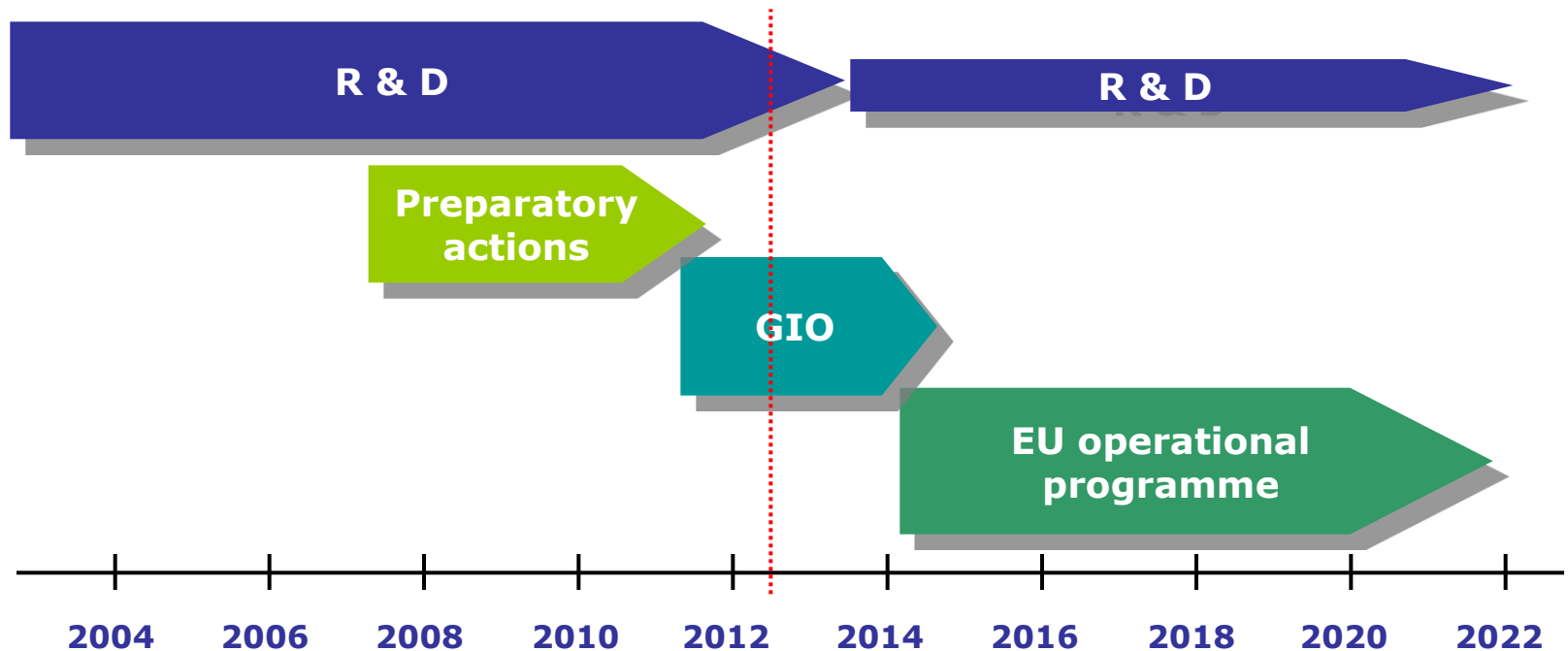
*GMES is expected to deliver benefits worth at least **four times the costs** up to 2030*

*(€ in Billion, prices from 2010)*



# GMES Timeline

## Activities now transfer to future operations



# GMES Initial Operations (2011-2013)

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



# Context for GMES post 2013

- **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**
- **June 2011 Budget Communication proposes that GMES is funded outside the MFF**
- **Communication COM(2011) 831 proposed a way forward for 2014-2020**

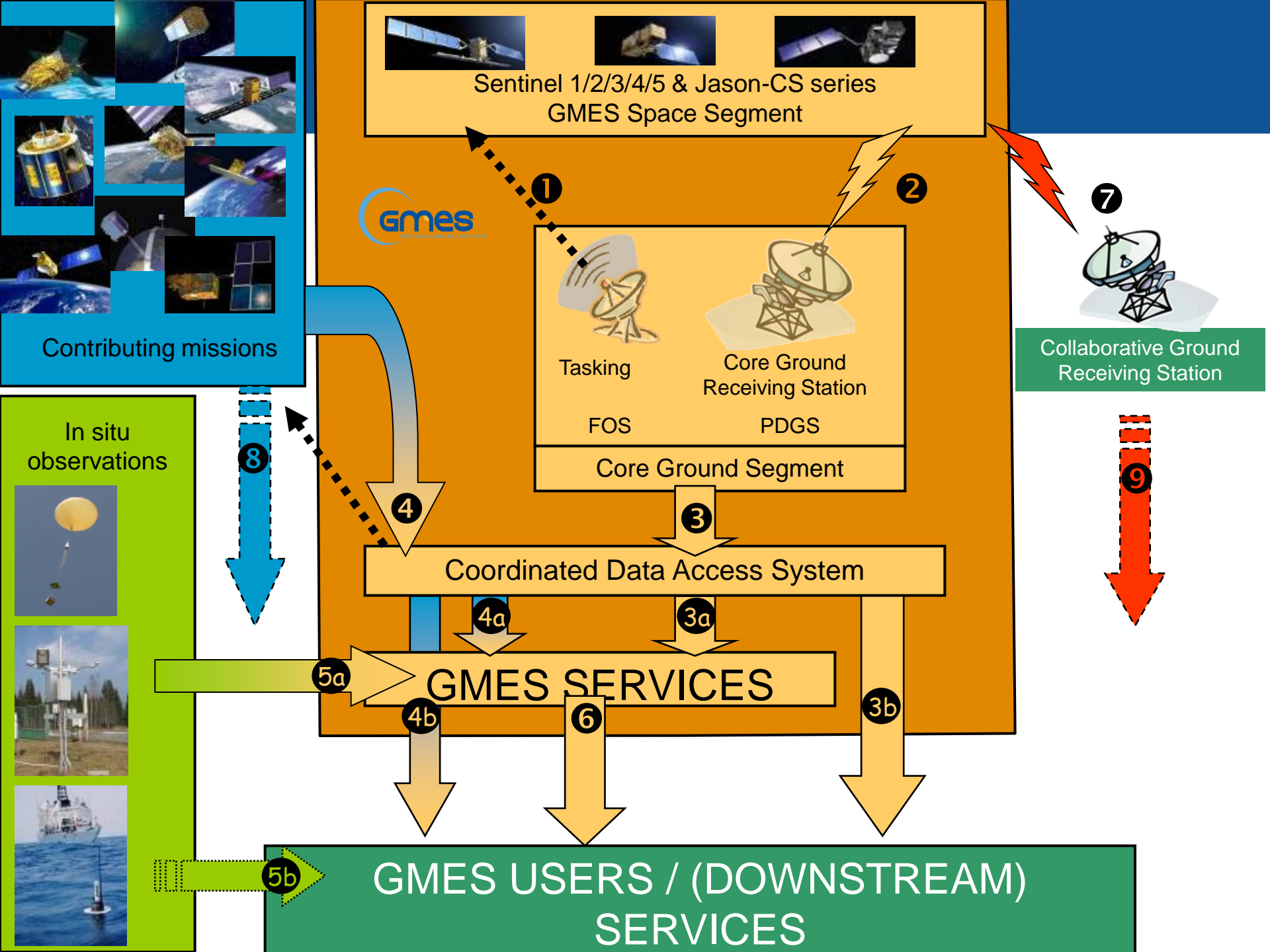
# Novelties of the GMES Communication (2011) related to existing Regulation

*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 based on GNI
- **governance**: by proposing the outsourcing of management tasks
- **data policy**: Overriding goal is to provide full and open access to data and information

# Towards a data and information policy for GMES Services

- What data and information is obtained ? (Input data)
- How the data and information is transmitted, stored, processed and distributed ? (Processing)
- Which terms and conditions are granted to information recipients ? (Dissemination of output data)
- What long term data and information availability arrangements are established ? (Archiving)



## **Main dissemination mode – full & open**

*Adhere as much as possible to the Open Data approach: free, full and open access*

- **No discrimination on use, reuse and distribution**
- **Worldwide licence**
- **Absence of warranty**
- **Transparency on processing and data source**
- **Flexible registration procedure**

# Restricted dissemination modes

*In exceptional cases (e.g. security related) dissemination is restricted*

- **Authorized users**
- **Mostly temporary**
- **No redistribution allowed**

## Next steps for the DIP

*Preparation of the Delegated Act on GMES Data and Information Policy and on security criteria*

- **Quasi legislative instrument**

*Adopt implementing Measures*

- **Executive Instruments, notably for security restrictions**

# GMES - way forward

- **Adopt delegated act on GMES DIP**
- **Need for full continuity of GMES services**
- **Need to advance quickly to have an operational programme adopted by end 2013**
- **Ongoing discussions in European Parliament and Council (General Affairs Council)**





European  
Commission



**EC GMES website:**

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