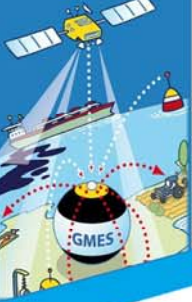


GMES Implementation Current Status

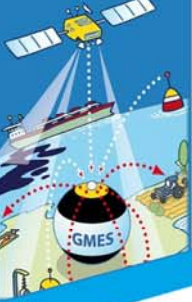
**Valère MOUTARLIER
Head of GMES Bureau**

Enterprise and Industry DG – European Commission



Approach

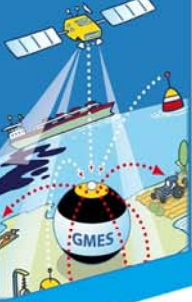
- **GMES aims at developing information services**
 - To serve European policies
 - e.g. Environmental Action Plan, CAP, Transport, Energy, Maritime, Civil Security
 - To meet international commitments
 - protocols and conventions
 - To support national or regional implementation
 - To stimulate market development
- **GMES is based on an integrated system approach:**
 - Overall information chain
 - from observations to information requested by the users
 - System of systems
 - Integrating existing assets



Which GMES services?

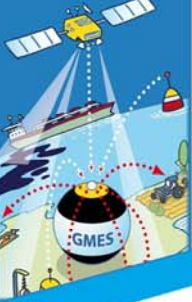
- **Three main groups**

- Forecasting : expanding the meteorology concept
ocean monitoring, air pollution, continental surfaces, climate surveillance
- Geographic information : land management
living resources and marine environment, urban zones, coastal zones
- Emergency management: support to interventions
natural, weather-related and technological risks, security

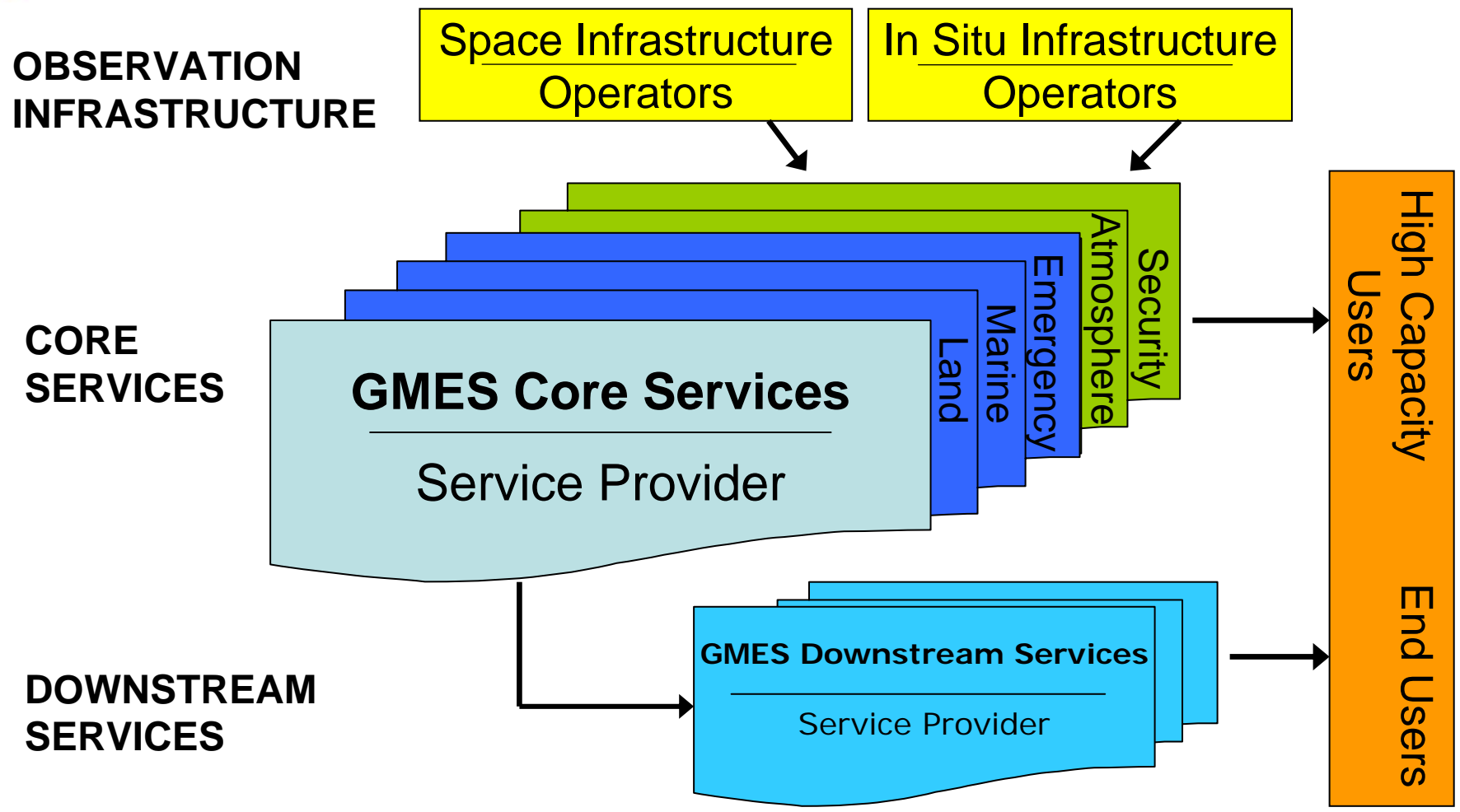


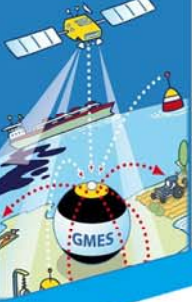
Implementation Milestones

- 06/2005** **2nd Space Council: GMES as a 'flagship' of the European Space Policy**
- 11/2005** **Commission Communication: from concept to reality**
- 11/2005** **3rd Space Council: architecture, implementation plan, governance**
- 2006** **FP7 Budget – Space Theme**



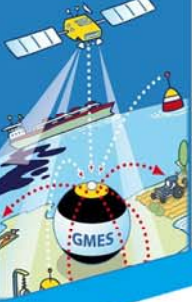
GMES architecture





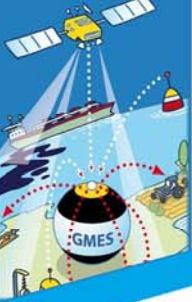
GMES Governance

- **Governance drivers**
 - from projects and R&D towards sustainability
 - Need for governance schemes at overall level and for the individual components
 - Building on existing capacities
- **Governance principles for architecture components**
 - Observation infrastructure: observation continuity, operational capacities
 - Services: core and downstream
 - Information management
- **Overall GMES governance principles**
 - Programmatic approach
 - Governance Structure
 - Tailor-made funding instruments



Implementation Status

- **Objective for a GMES operational service capacity**
 - **Core services**
 - Land, Marine and Emergency Response
 - Atmosphere
 - Security and climate change issues
 - **Downstream sector**
- **Two parallel processes**
 - **Policy process: user needs, governance issues, sustainable solutions**
 - **R&D - FP 7: Building blocks from previous research projects and ESA GSE's**



Next steps

- **28-Mar-07** **Informal GAC on governance**
- **17-Apr-07** **Conference organised by German
Presidency of the EU**
- **May-2007** **Space Council**
- **By 2008/09** **Governance-related proposals**