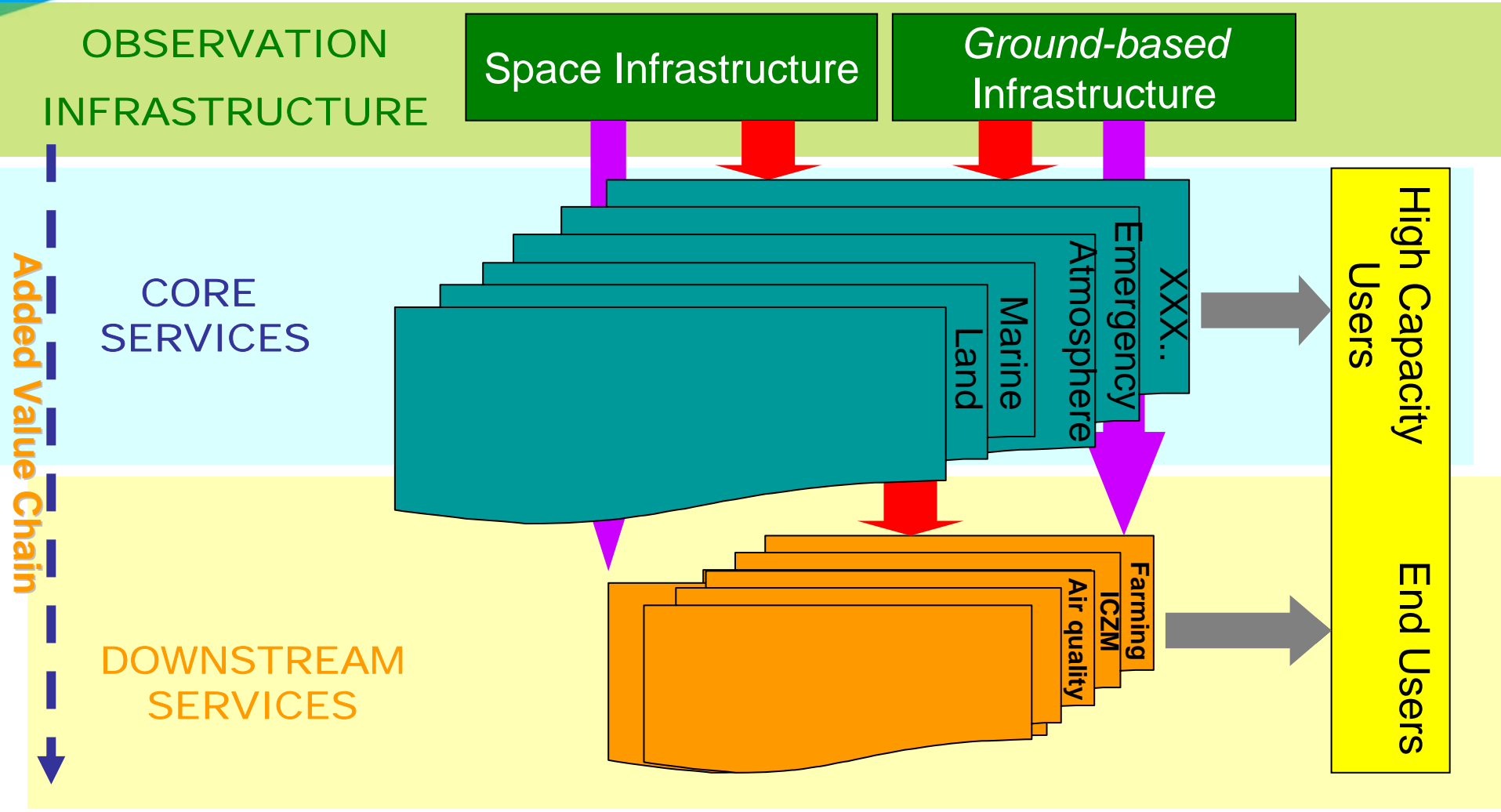


Overall GMES Architecture





GMES Service Architecture

Added value chain divided in two layers:

❑ Core services

- Pan-European (multi-purpose) information service capacity
- Linked to EU information needs (EU policies and international commitments) or to decisions to share capacities at EU level
- EU as “client”
 - Guarantee of service, especially important for downstream services
 - Involved in service management / governance
 - Funding of EU added value through both R&D & operational mechanisms

❑ Downstream services

- Tailored for specific applications at local / regional / national / European levels (public good or private use)
- EU not directly driving the service
 - EU not responsible for service requirements
- EU should encourage / support the implementation of these service layer especially through R&D activities
- European Commission could be user of downstream services

Concept applicable on a case-by-case basis (e.g. boundary btw core & downstream services)



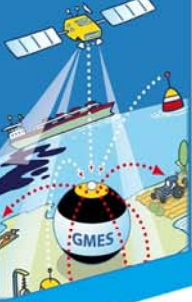
GMES Pilot Services Current status

- “Fast track” services

Fast tracks = first building blocks of core services

Main milestones

- June 2005: approval by GAC of three FTS proposed by EC
- Fall 2005: FTS User Workshops
- November 2005: endorsement of workshop outcomes by GAC
- Q1 2006: setting up of FTS Implementation Groups (IG)
- May & October 2006: IG progress reports to GAC
- February 2007: release of IG Implementation Reports including scope, functionality & architecture, governance, external dependencies...
- March 2007: feedbacks from GAC and other stakeholders on IG reports
- **IG report as guidelines for FP7 proposals**



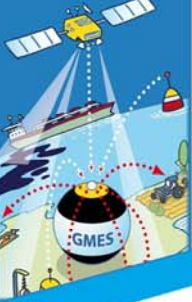
GMES Pilot Services Current status

- “Fast track” services (cont’d)

Implementation

- FP7 projects for
 - operational validation of FTS based on operational service requirements (inc. external dependencies)
 - service evolution: development of other Core Service components (beyond the FTS)

FP7 projects ≠ operational service contracts
- Operational service contracts
 - based on contract (inc. SLA)
 - need for decision process (service governance) & operational money
 - competitive approach



GMES Pilot Services

Current status

- ***New Pilot Services***

- ***Atmosphere***

- *User workshop in December 2006*
- *Implementation Group to be set up in March 2007*
- *IG report expected by beginning of 2008*
- ***Not in configuration for starting the operational validation of the whole Atmosphere Pilot Service***

- ***Contribution to security issues***

- *Security: complex issue at EU level (inter-pillar aspects)*
- *Dedicated user workshop at the initiative of ISS (March 16th, 2007)*
- *Far from political / institutional agenda regarding operational implementation of GMES security service components*
- *Link with FP7 Security Research framework & activities (1.4 B€)*
- *Ongoing & future R&D activities under GMES*