

GIGAS GEOSS INSPIRE & GMES an Action in Support

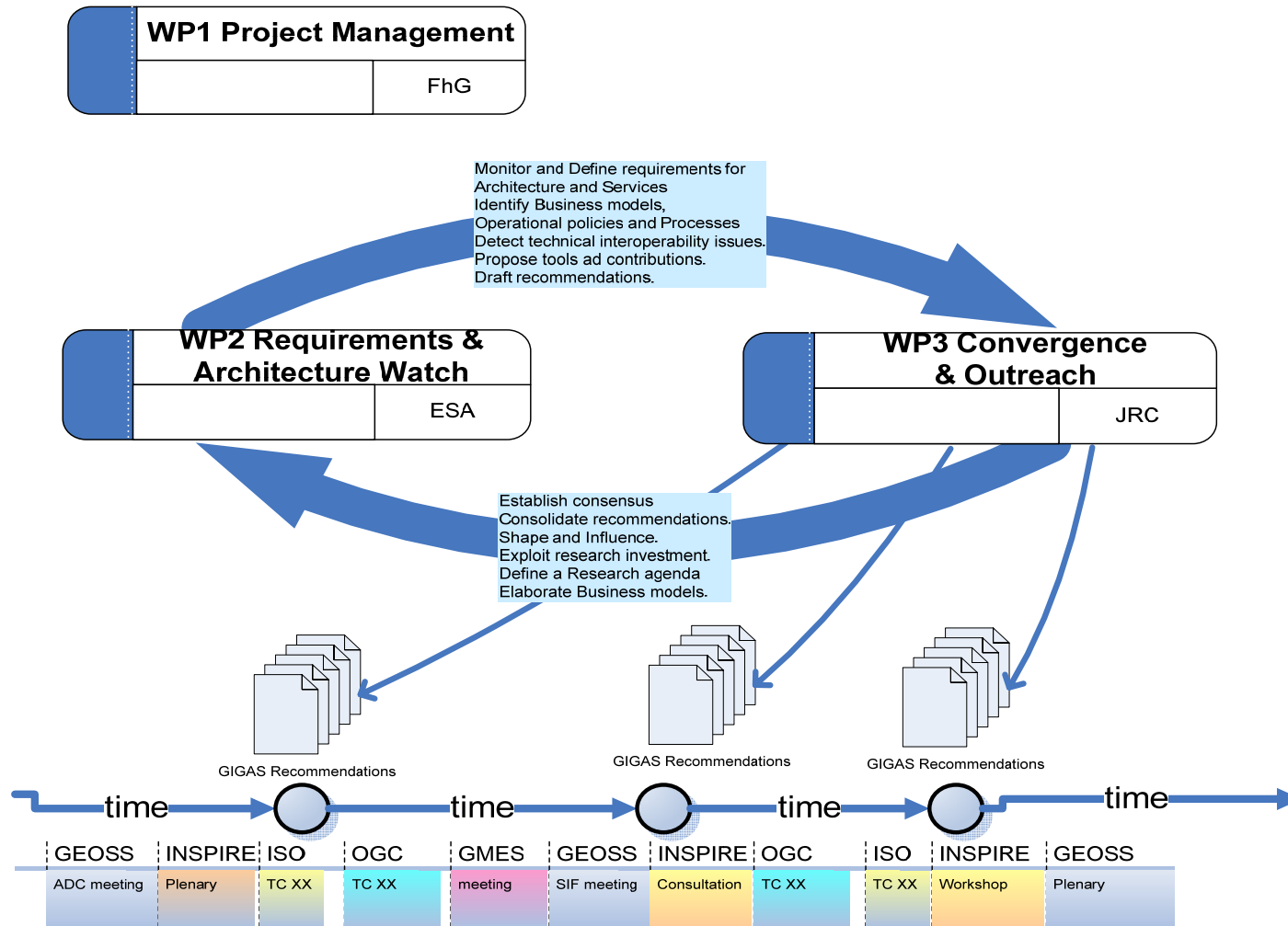
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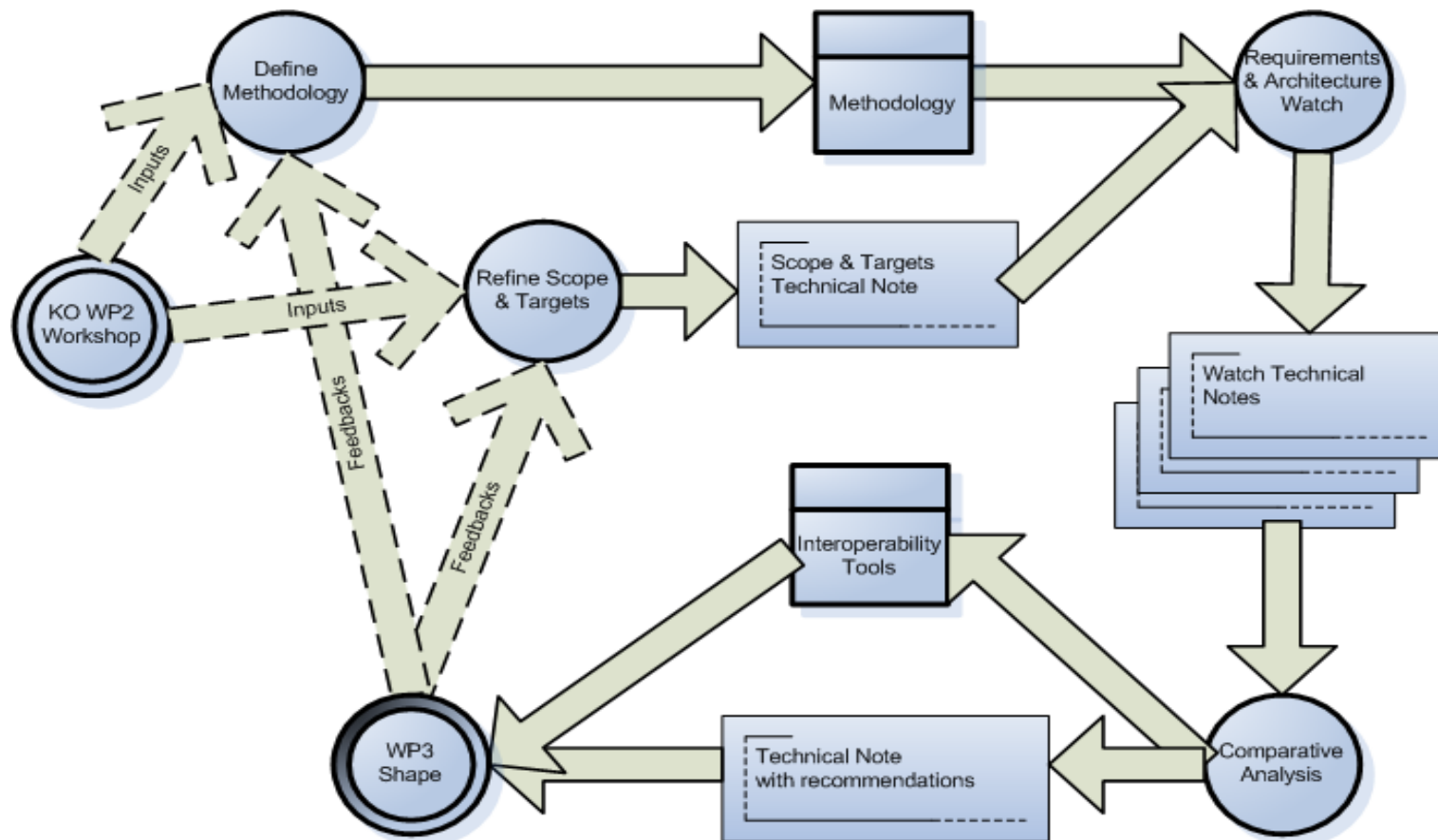
- GIGAS (GEOSS INSPIRE & GMES an Action in Support) aims to tackle the FP7 Challenge 6:
 - ICT for Mobility, Environmental Sustainability and Energy Efficiency.
- This challenge focuses on systems for safer and more efficient mobility of people and goods and on **raising Europe's capacity for sustainable growth.**
- Specifically, GIGAS deals with the Objective ICT-2007.6.3: ICT for Environmental Management and Energy Efficiency which at point b) asks for:
 - One Coordination and Support Action in each of the following areas shall address (1) the rapid adoption of standards, protocols and open architectures, in support of the INSPIRE, GMES and GEOSS initiatives in a holistic way;...

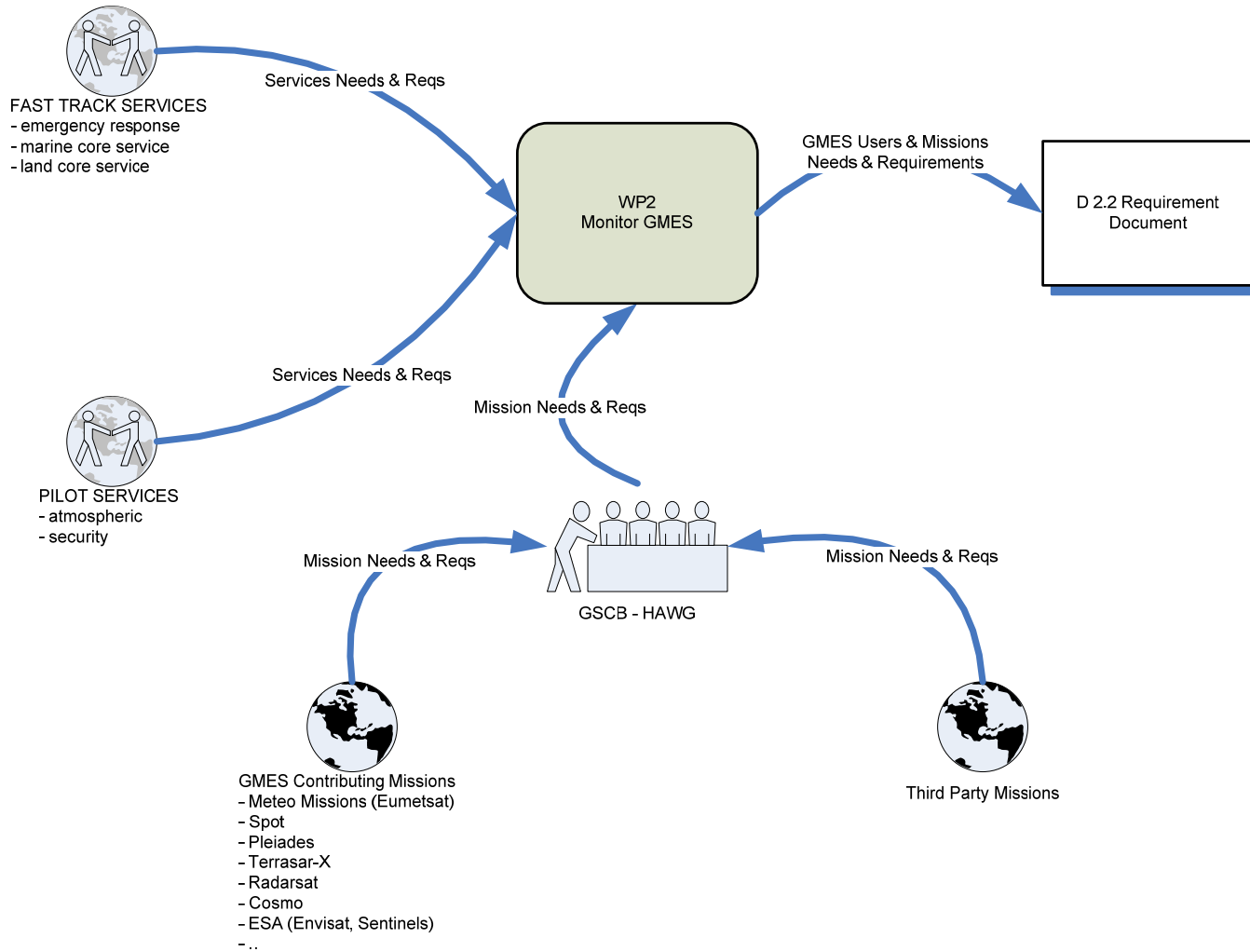
- GIGAS promotes the coherent and interoperable development of GEOSS INSPIRE and GMES initiatives through their concerted adoption of standards, protocols, and open architectures by
 - Analysing the gaps between the 3 initiatives
 - Proposing strategies to overcome the gaps and best-practice examples from FP6 or FP7 projects
 - Constituting a broad basis for the proposal by public consultation and consensus process
 - Shaping the 3 initiatives by short term action items
 - Influencing standardisation bodies as long-term action
 - Providing an agenda for further strategic research areas to ensure investigation on problems currently unsolved

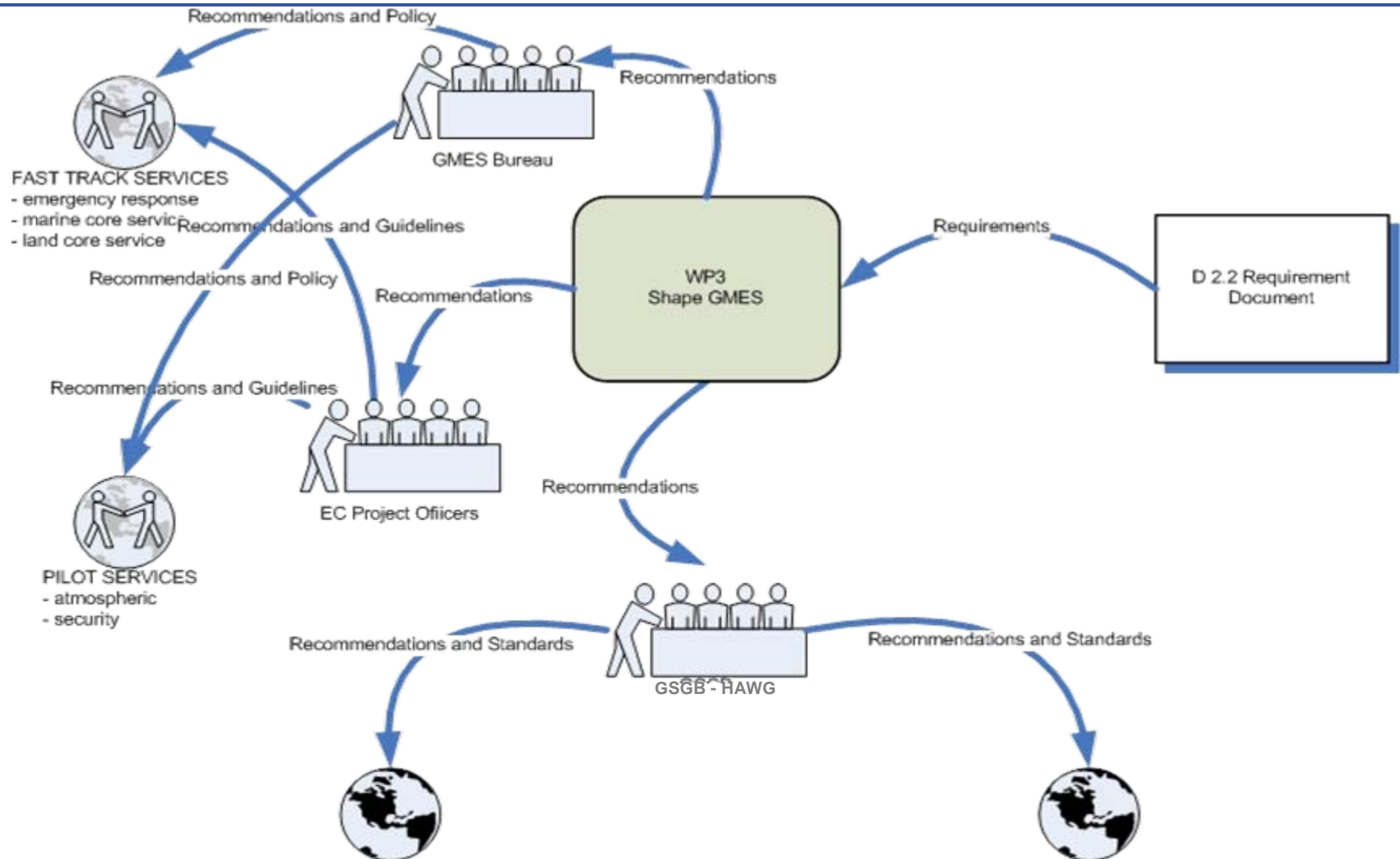
- Putting in place the consensus process that facilitates communication between INSPIRE, GEOSS, GMES and the standardisation bodies
- Understanding requirements, commonalities and discrepancies between INSPIRE, GEOSS and GMES architectures and identify common interoperability needs
- Contribute to a rapid uptake of standards including the definition and design of an open, persistent test-bed in which organisations or external projects can integrate their (compliant) services
- Assessment of FP6/FP7 investments
- Support and contribute to DG INFSO initiatives that promotes wider use of ICT
- Outreach and information dissemination

	Participant Organization Name		Participant Organization Name
1	Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. (FhG)	11	Nederlands Normalisatie-instituut (NEN)
2	Joint Research Centre (JRC)	12	Statkart (ISO/TC 211)
3	European Space Agency (ESA)	13	THALES ALENIA SPACE (TAS-F)
4	Open GIS Consortium (Europe) Limited (OGC-E)	14	SpotImage
5	Spacebel s.a.	15	EOX (former Austrian Research Centres GmbH (ARC)-
6	Science and Technology Facilities Council (STFC)	16	Infoterra
7	Italian National Research Council – Institute of Methodologies for Environmental Analysis (CNR)	17	Elsag Datamat S.p.A. (ED)
8	interactive instruments Gesellschaft für Software-Entwicklung mbH (II)	18	Institut Géographique National (IGN)
9	Technische Universität Dresden (TUD)	19	ERDAS
10	AED-SICAD Aktiengesellschaft		









FAST TRACK SERVICES
 - emergency response
 - marine core service
 - land core service

PILOT SERVICES
 - atmospheric
 - security

- GMES Contributing Missions**
- Meteo Missions (Eumetsat)
 - Spot
 - Pleiades
 - Terrasar-X
 - Radarsat
 - Cosmo
 - ESA (Envisat, Sentinel)
 - ...

- The proposal for GIGAS submitted in early October 2007
- The GIGAS Kickoff held in June 2008
- WP2 Methodology document issued by ESA in July 2008
- WP2 Refine Scope & Target document issued by JRC with ESA support in September 2008
- WP2 draft Technology Watch Report issued by ESA and Consortium in October 2008 (Workshop in ESRIN)
- WP2 final Technology Watch Report to be issued by ESA and Consortium in November 2008
- WP2 Comparative Analysis to be completed in early January 2009 with the issue of a report with (interoperability) draft recommendations
- WP2 Comparative Analysis closing workshop to be held in late January 2009

- WP3 Convergence and Outreach (Loop 1) to be closed in Q1 2009
- WP2 Requirements & Architecture Watch (Loop2) Q2-Q4 2009
- WP3 Convergence and Outreach (Loop 2) Q4 2009-Q2 2010

- Consensus Building Workshop (open) 28-29 January 2009
- Loop2 Kickoff Meeting End of March 2009
- First Review Meeting July 2009
- Consortium Meeting December 2010
- Final Review Meeting July 2010