



Summary Kick-off meeting AIP-5

(4./5. May 2012, UNEP, Geneva)

6th GEO EUROPEAN PROJECTS' WORKSHOP
CNR, Rome, ITALY, 7./8. May 2012

Slides provided by
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Architecture Implementation Pilot

<http://www.ogcnetwork.net/Alpilot>



→ „*The GEOSS Architecture Implementation Pilot (AIP) develops and deploys new process and infrastructure components for the GEOSS Common Infrastructure (GCI) and the broader GEOSS architecture.*“

→ **AIP is an agile, evolutionary development process.**

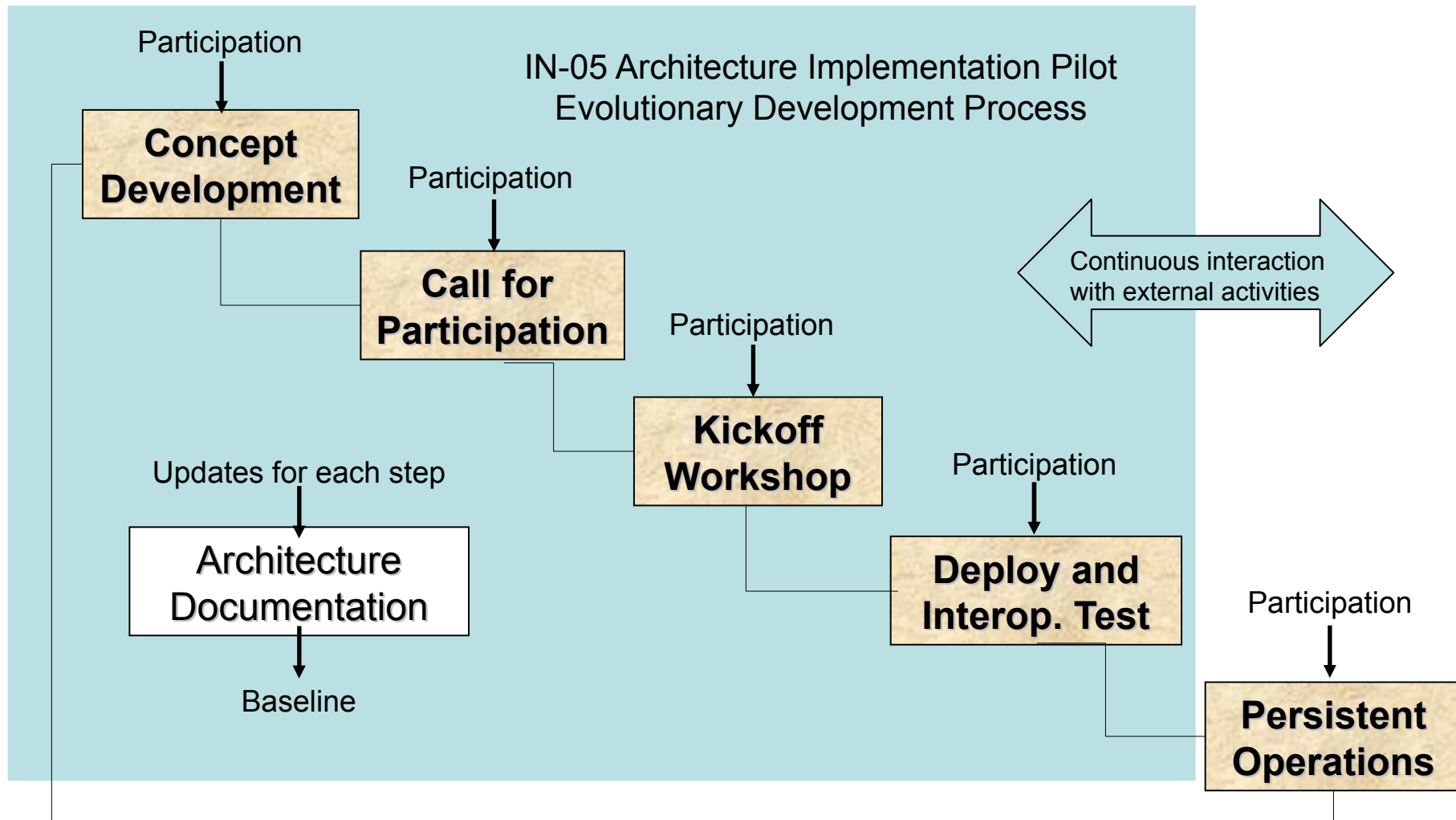
→ **Need to establish a good set of standards and results that show web access to EO data.**

→ **The process was initiated in 2007.**

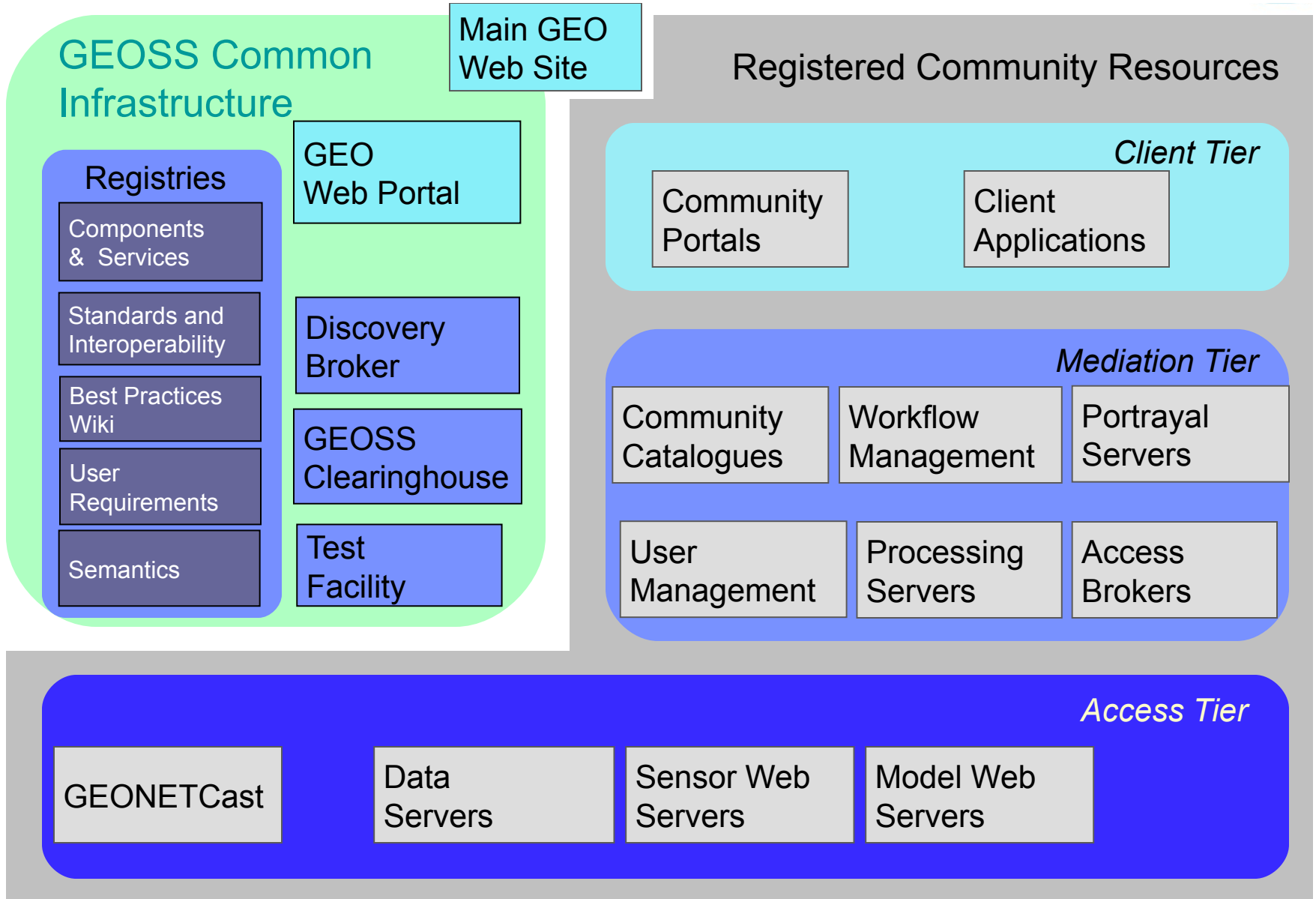
→ **AIP-4 on YouTube** – <http://www.youtube.com/playlist?list=PL1CBA60988F08DA6A>



Activities in an AIP phase



Operational Baseline and Lessons Learned for next evolutionary spiral





AIP Agile Development previous phases

- **AIP-1** Kickoff: Jun 2007; Alpha operations Nov 2007; Arch Workshop Feb 2008
 - "Core" Architecture defined initial version of GCI
- **AIP-2** Kickoff Sep 2008; demo ISRSE May 2009; Beta operations Sep 2009
 - SBA implementations of common cross-cutting architecture; Refined GCI concept supporting transition to operations
- **AIP-3** Kickoff Mar 2010; results to Beijing Plenary; Complete Feb 2011
 - Enabled network building in GEOSS SBA communities; Piloted Broker and Processing capabilities
- **AIP-4** Kickoff May 2011; results to Istanbul Plenary; Complete Dec 2011
 - Increased access to priority earth observation data; via server software, tutorials and application clients

“Fostering interoperability arrangements and common practices for GEOSS”



GEOSS Design and Interoperability

Priority Actions

- GEOSS Research and Prototyping
- GEOSS Interoperability Analysis and Support
- Encourage mature systems to interoperate with GCI
- Ensure access to GEOSS Data-CORE

Approach

- Manage evolutionary architecture of GEOSS
- Standards and Interoperability Forum (SIF)
- Architecture Implementation Pilot, Phase 5 (AIP-5)



Responses to AIP-5 Call for Participation

- Aquatic Informatics
- CAAS and Tsinghua
- CIESIN
- Compusult
- CSISS – GMU
- CUAHSI
- EO2HEAVEN
- GeoViQua
- GEOWOW Hydrology
- GEOWOW Architecture
- GIS-FCU
- IEEE
- INCOSE
- MINES ParisTech/
ENDORSE
- NASA
- NASRDA
- NIWA
- NOAA
- PML
- PYXIS
- TUD-GLUES
- UNEP Live
- Univ of Tokyo

Responses to AIP-5 CFP are [posted](#) CFP remains open



AIP-5 Kickoff Objectives

- Refine collaboration and interoperability goals
- Develop
 - Scenarios meeting SBA needs
 - Initial design based on GEOSS AIP Architecture
 - Plan the work and schedule
- Determine Working Groups to be formed



AIP-5 Working Group Leaders

- Disaster Management
 - Herve Caumont
- Water
 - Matt Austin
 - Stefan Fuest
- Health
 - Ingo Simonis
- Agriculture
 - Liping Di
- Authentication & Licenses
 - Steve Browdy
- UUID
 - Joan Maso
- GCI Research
 - Stefano Nativi
- System Design
 - Larry McGovern
 - Herve Caumont

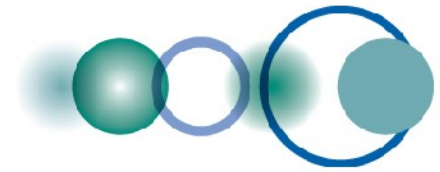
Topics to be addressed in AIP Plenary

- Energy SBA – Lionel Menard
- Capacity Building – Lucia Lovinson
- Tutorials – Steve Browdy, SIF



IIB Direction to IN-05 on May 3rd

- Promote Community Portals and Application Clients that can access the GCI
 - Access GCI via the Data Broker (document from Stefano Nativi, CNR defines the interface)
 - Launch as helper application
 - Desire handling of GEOSS Data-CORE
 - To be listed on earthobservations.org
 - Initial list in 2 weeks to IIB from IN-05
- Architecture beyond GCI
 - All IN tasks and GEOWOW involved. IN-05 lead
 - AIP System Design activity as an input



AIP-5 Master Schedule

CFP Issues	28 Feb 2012
CFP Response Due for Kickoff	11 April 2012
Kickoff Workshop, Geneva	3-4 May 2012
Interoperability Testing Begins	1 Sept 2012
SBA Testing	1 Oct 2012
GEO Plenary, Brazil	Nov 2012

The schedule is always available on the AIP Plenary Telecon agenda:
<http://www.ogcnetwork.net/AIPtelecons>



AIP Communication Plan

- Telecons
 - AIP Plenary Telecon - Tuesdays
 - WG Telecons – as determined by WG leads
- E-mail list-servers
 - aip_plenary@lists.opengeospatial.org
 - Lists for work groups to be formed
- Collaboration Resources
 - www.ogcnetwork.net/Alpilot
 - GeoViQua Wiki for AIP internal development
 - GEO Best Practice Wiki for final products



Thanks to all who made AIP-5 KO a success

- Thanks to Session Leaders and Participants for an excellent Kickoff Workshop
- Thanks to UNEP for hosting the workshop
 - Gregory Giuliani
- OGC thanks sponsors: USGS, EC

AIP-5 is Underway!!

The OGC and its Interoperability Program



<http://www.youtube.com/ogcvideo>



<http://www.youtube.com/user/ogcvideo/videos>
→ OGC Interoperability Program Introduction

→ more videos on OGC's YouTube Channel:



<http://www.youtube.com/user/ogcvideo/videos>



References

- GEO
 - earthobservations.org
- GEO Architecture Implementation Pilot
 - www.ogcnetwork.net/Alpilot
- GEOSs registries and SIF
 - geossregistries.info



**Thank you for your
attention.**

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