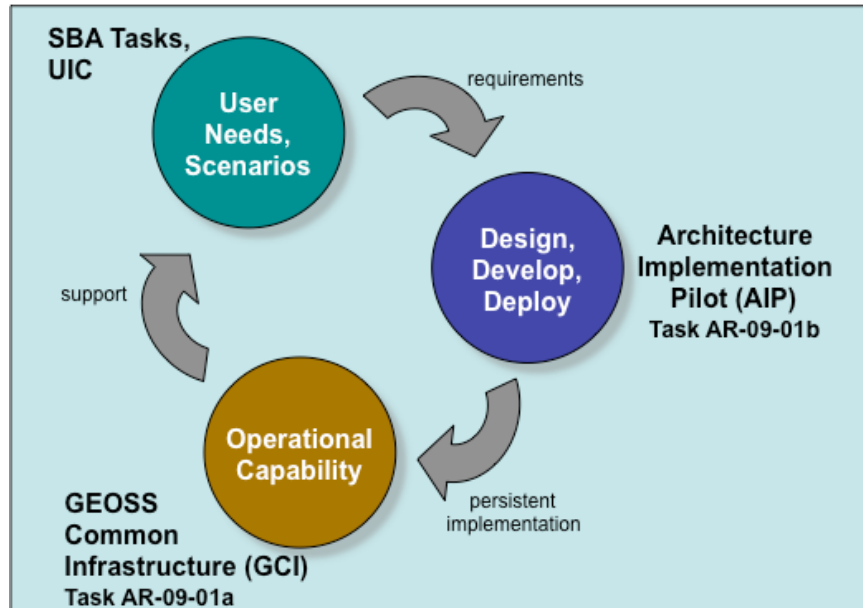


## GEOSS Architecture Elaboration Process



## GEO Architecture Implementation Pilot - AIP-2 Results, 2009 -

- Augmentation of the GCI IOC (see reverse)
- Reusable process to implement CoPs in GEOSS
- Six Community of Practice (CoP) scenarios in AIP-2

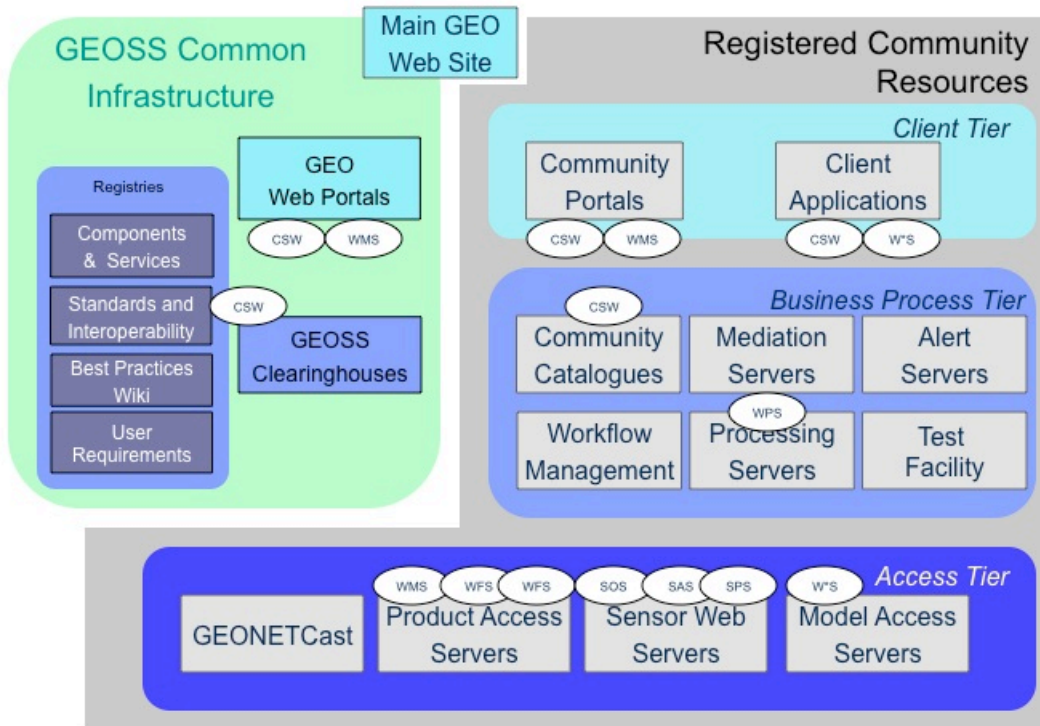
CoP Scenario	Lead Organizations	GEO-VI Exhibit
Disaster Management: Flood Event	NASA, Spot Image, ERDAS, Northrop Grumman	601-704; 903
Air Quality & Health: Smoke Event	EPA, NASA, Washington University – St. Louis	601-704
Pika Distribution; and Arctic Food Chain	CNR	95
Polar Ecosystems Biodiversity	USGS, George Mason University	95
Renewable Energy - Facility Planner	Mines Paris	95

Videos Demonstration of Scenarios in Exhibit 95 and on-line:

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

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## GEOSS Common Infrastructure with AIP-2 Augmentations



Engineering Component	GEO VI Exhibit [booth number]
Main GEO Web Site	Earthobservations.org
GEO Web Portals	Compusult [809], ESA [804-6], ESRI [807-8]
GEOSS Registries	IEEE [701-703], US-GEO [601-704]
GEOSS Clearinghouse	Compusult [809], ESRI [807-8], US-GEO [601-704]
Community Portals	ERDAS [903], Northrop Grumman [95]
Client Applications	+++++
Community Catalogues	+++++
Mediation Servers	CNR [95]
Alert Servers	+++++
Workflow Management	ESA [804-6]
Processing Servers	CIESIN [95], GMU [95]
Test Facility	ESA [804-6], US-GEO [601-704]
Product Access Servers	ESA [804-6], US-GEO [601-704]
Sensor Web Servers	+++++
Model Access Servers	+++++
GEONETCast	GEONETCast [98-99]

Also visit the GEOSS Common Infrastructure (GCI/IOC) Exhibit [92-93]

Additional Information on-line: <http://www.ogcnetwork.net/Alpilot>

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