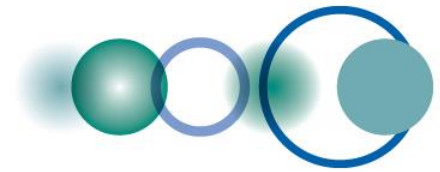


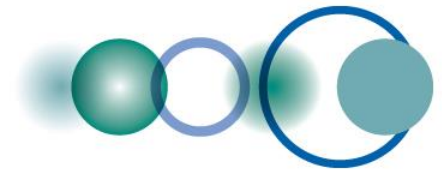
Architecture Implementation Pilot Phase 7

**Bart de Lathouwer, AIP lead
November 2014**



Architecture Implementation Pilot

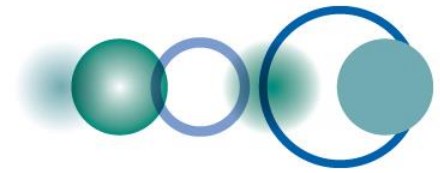
- What is the Architecture Implementation Pilot (AIP)
 - Pilots future components of the GEOSS Common Infrastructure (runs on a yearly cycle)
 - An interoperable environment!
- AIP-7
 - 24 participants (80+ organizations, incl. private sector & SME)
- Strategy & Focus
 - Based on user needs and help decision making
 - Emphasis on End-User and Client apps using cross-SBA (desilofication!) resources registered in the GEOSS



AIP-7 Results

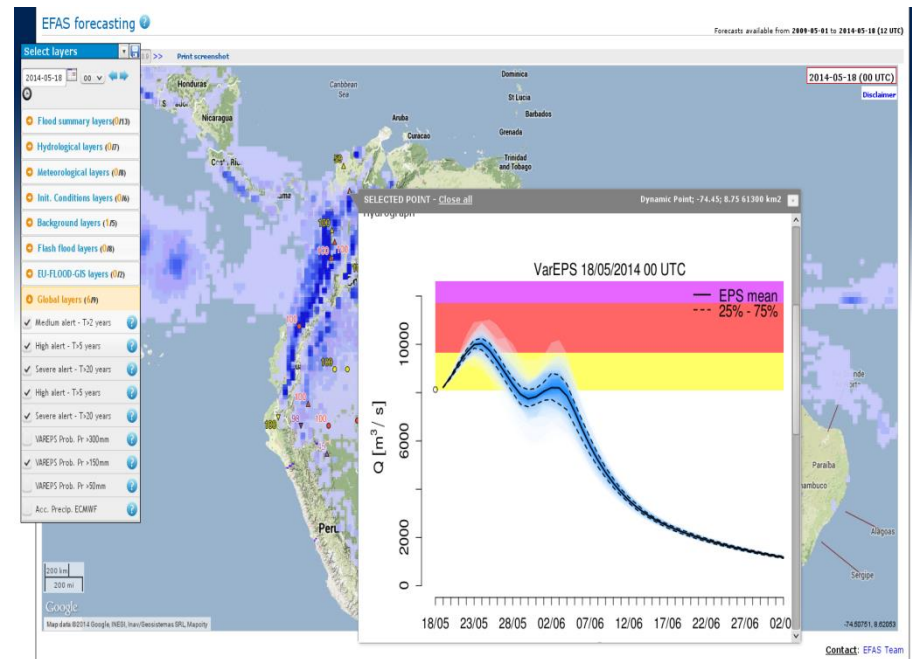
- Dedicate the results to Doug Nebert
 - Initiator of the AIP's

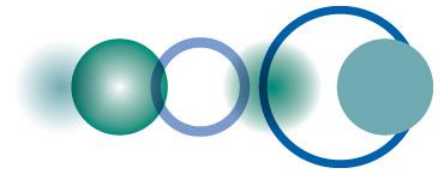




AIP-7 Results

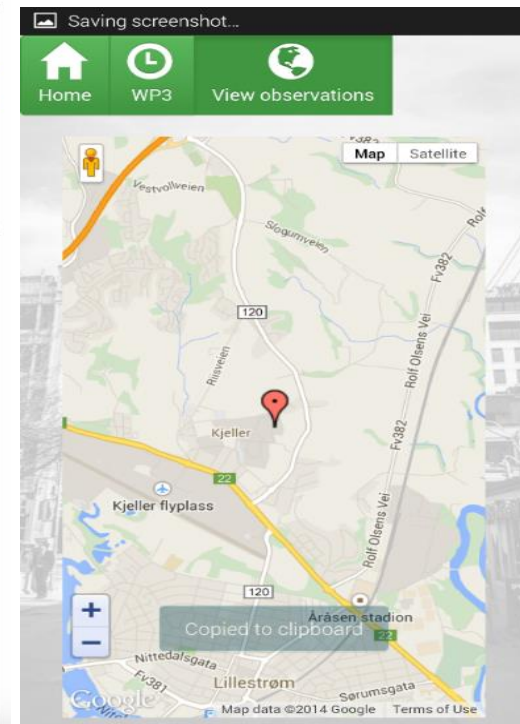
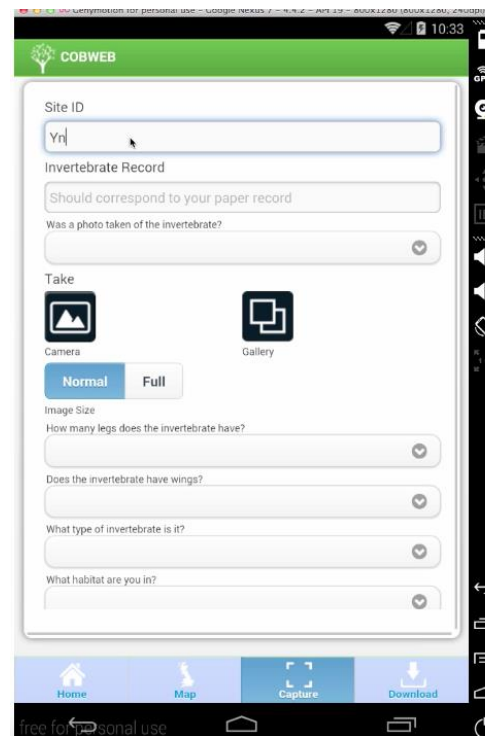
- GEOSS Water Services
 - 48 hour flood prediction
 - In collaboration with Disaster Management and Agriculture
- Environment:
 - Social Media
 - Citizen Science

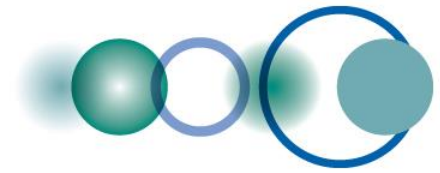




AIP-7 Results

- Health and Biodiversity
 - Open GeoSocial API
 - Citizen Science
 - In-Situ

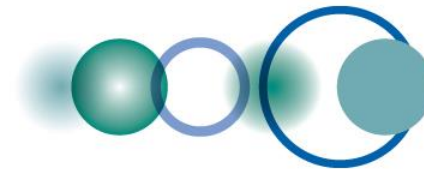




AIP-7 Results

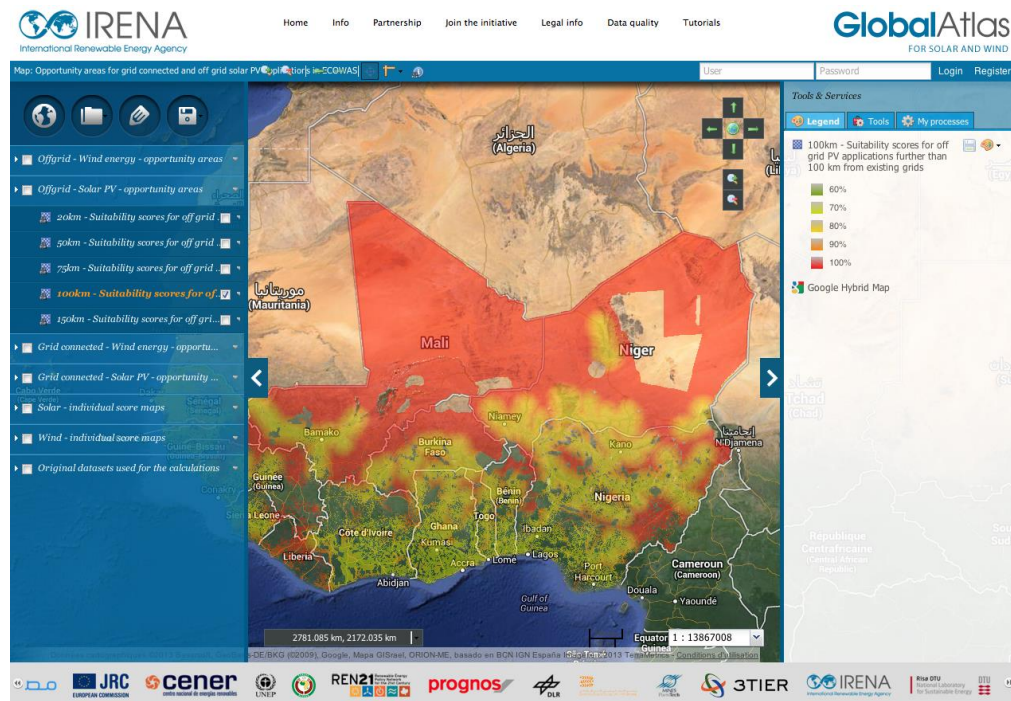
- Ocean
 - Plankton App
 - Ocean Observation App
 - Reversal of the computing paradigm
 - We “download the earth” to many times for local processing. Upload the process to the data!

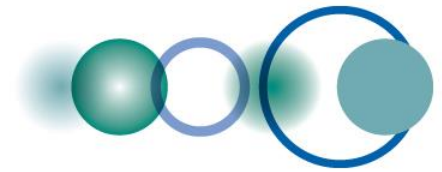




AIP-7 Results

- Energy
 - preliminary screening of sites of interest for solar and wind developments in the ECOWAS region





AIP-8 (preliminary)

- Call for Participation will be available in January
 - More Apps, cross SBA,
- Kick off in March



ogcnetwork.net/pub/ogcnetwork/GEOSS/AIP6/index.html