

Day 2

Technical and architectural discussion

Animation: [Tom Landry](#) (CRIM), Carsten Ehberecht (DKRZ), [David Byrns](#) (CRIM), [Samuel Foucher](#) (CRIM)

Building on previous day sessions, we dig deeper in technical and architectural particularities of majors projects of DKRZ, CRIM and Ouranos. We seek to identify common themes or challenges, and gather underlying requirements or existing implementations. The desired outcome is a better understanding of current or upcoming initiatives and to better align them in FOSS when possible.

References:

- Copernicus ([CLIPC](#))
- Horizon 2020 ([ENES](#))
- NRCan Forestry Innovation Program ([NRCAN06](#), [NRCAN07](#))
- ESGF-CWT Certification

OGC NextGen

Animation: Ingo Simonis (OGC), [Tom Landry](#) (CRIM)

In this session, Dr. Ingo Simonis - Director, Interoperability Programs and Science at OGC, will talk to participants in videoconference from Frascati, Italy. He will present the main challenges expressed by Testbed-14 sponsors and provide participants with input on OGC Next Generation services. The short talk will be followed by a discussion on potential work items in Testbed-14 and proposed solutions.

References:

- [OGC Testbed-14 CFP](#)

Architecture: Common components

Animation: [David Byrns](#) (CRIM), [Tom Landry](#) (CRIM), Carsten Ehberecht (DKRZ)

We review some core components that are shared throughout several projects or use cases. This is the case of thin WPS clients, core services like the one mentioned in ESGF-CWT certification, template birds and workflows. The discussion might be steered depending on finding of the previous sessions. The desired outcome is to identify components or future work that will kick start new initiatives or simply make the life of developers easier.

References: TODO

Architecture: Climate Services

Animation: [David Huard](#) (Ouranos), [Blaise Gauvin St-Denis](#) (Ouranos), Nils Hempelmann (GIZ)

In this session, we review the climate services offered by FlyingPigeon, including Spatial Analogs newly developed by Ouranos. We identify services that would be easier to maintain and advance in a separate bird. We discuss the state of OCGIS on other main dependencies on which climate services are build. If possible, we explore other initiatives around the world that develop climate services following the best practices.