



Climate and Disaster Resilience Pilot 2024

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Agenda

- **Welcome**
- **Upcoming Pilots and Events**
- **OGC Pilot procedure**
- **Deliverables CDRP24**
- **Questions and Answers**

OGC-driven

Research Topics

Identified by OGC staff

Execution

Driven by OGC staff
Collaboration as
necessary

Output

Operational tools
Models
Advise & best practices



OGC member-driven

Research Topics

Defined by OGC members

Execution

Managed by OGC staff
Collaboration is goal
Driven by OGC members

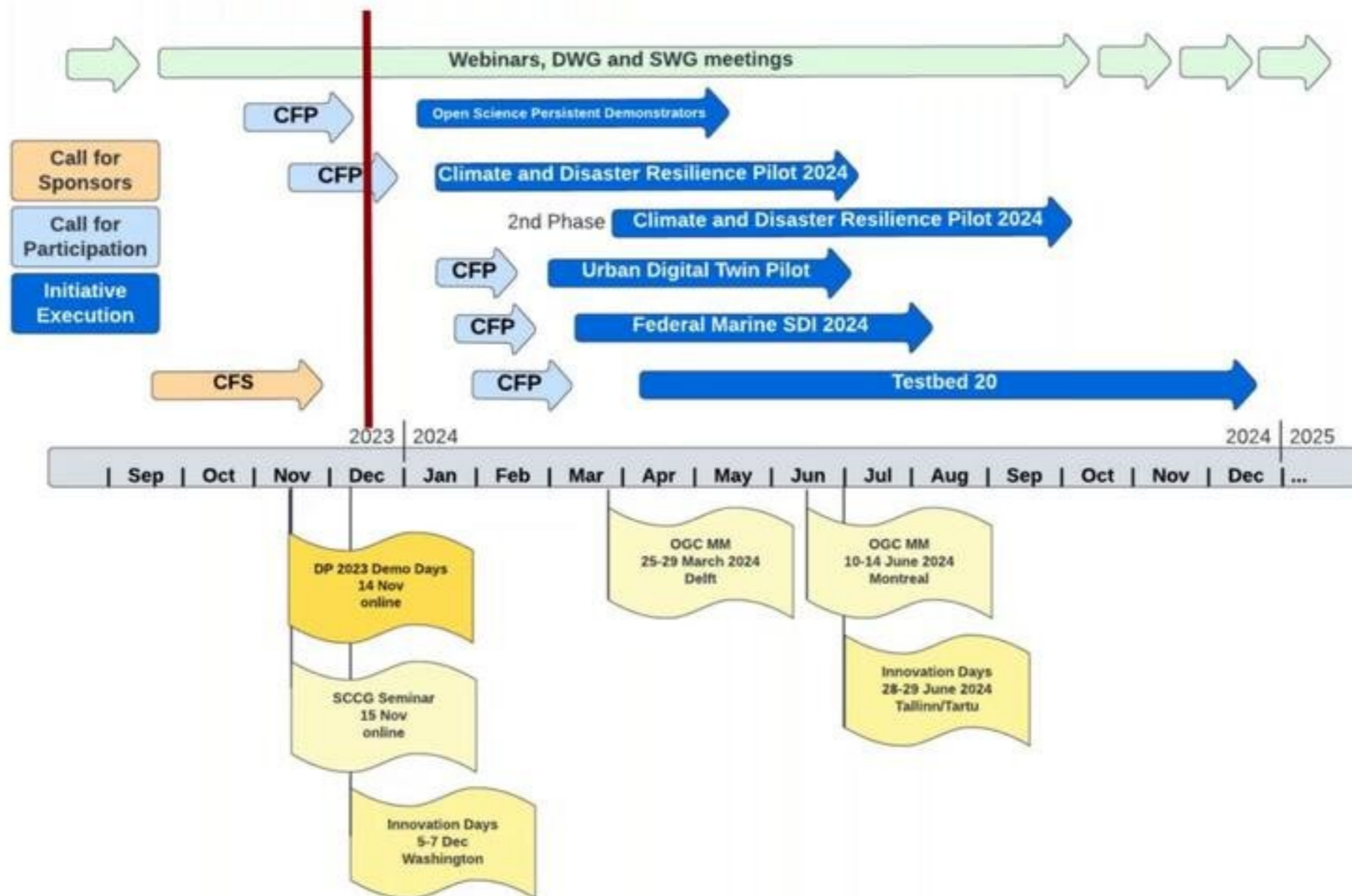
Output

Prototypes
Reports/Best practices
Draft standards

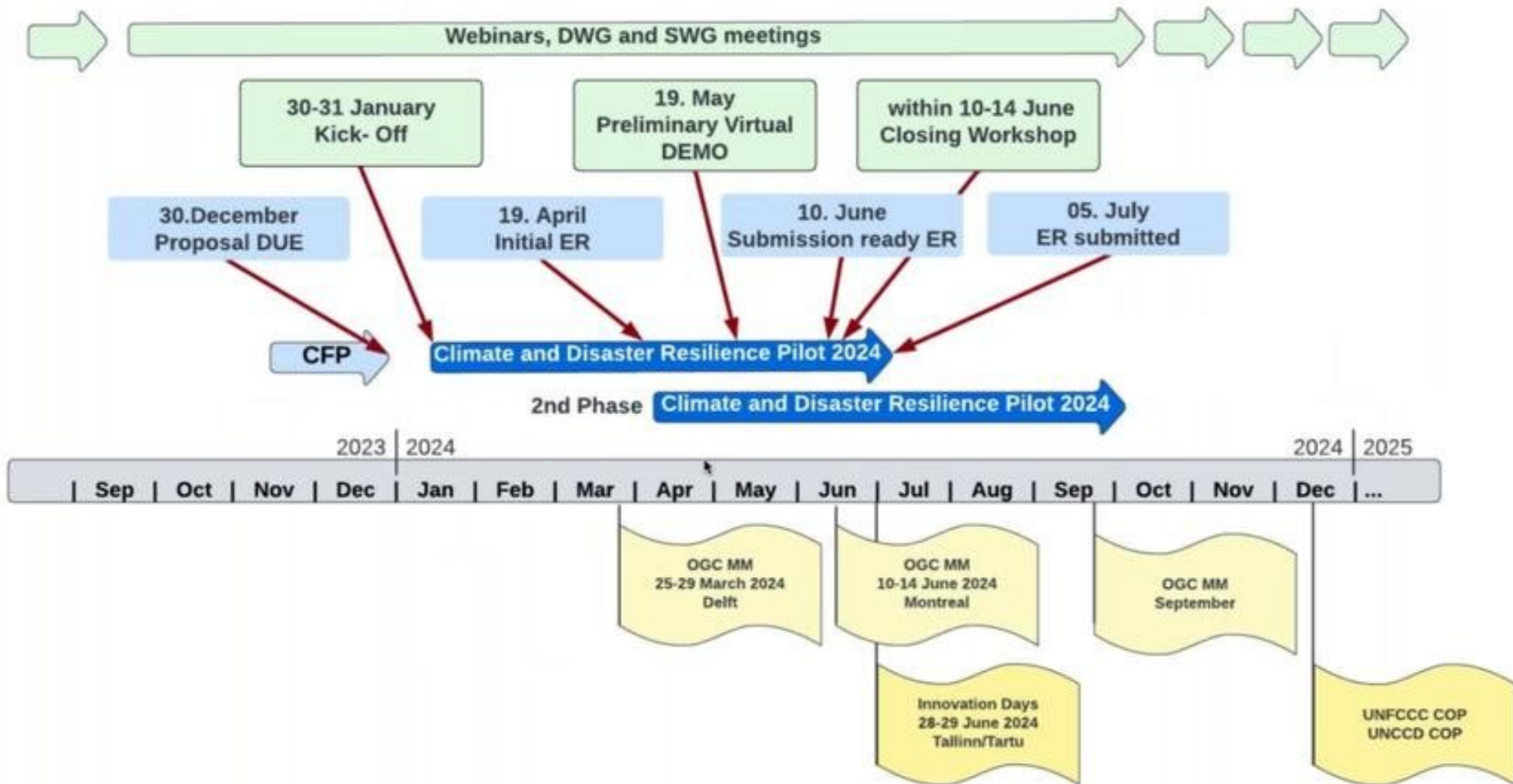
Upcoming Pilots / Events



Upcoming Events and Pilots



Climate and Disaster Resilience Pilot 2024



Meetings and Webinars

17th January 2024

Topic: Eficiencia energética de los edificios / Energy efficiency of buildings

Time: Thursday, 17th January. 14-15:30 CET

Registration: [Click here for registration](#)

Virtual Room: Dial-in info will be provided after registration.

Language: Spanish

Seminar Context: The Webinar will be hold in scope of [EU funded project GEOE3](#)

17th January 2024

Topic: ???

Time: Thursday, 17th January. 17-18:30 CET

Registration: [Click here for registration](#)

Virtual Room: Dial-in info will be provided after registration.

Language: English

Seminar Context: The Webinar will be hold in scope of the Stakeholder Community Coordination group

18th January 2024

Topic: Take your geospatial services to the next level with GeoE3

Time: Thursday, 18th January. 10-12h CET

Registration: [Click here for registration](#)

Virtual Room: Dial-in info will be provided after registration.

Language: English

Seminar Context: The Webinar will be hold in scope of [EU funded project GEOE3](#)

Stakeholder Community webinars:

21. February 2024

20. March. 2024

17. April 2024

15. Mai 2024

19. June 2024

Emergency Response and Disaster DWG:

TbD.

Climate Resilience DWG meetings:

Thu Jan 25th 10:00 AM EST

Thu Feb 29th 10:00 AM EST

Thu Apr 25th 10:00 AM EDT

Thu May 30th 10:00 AM EDT

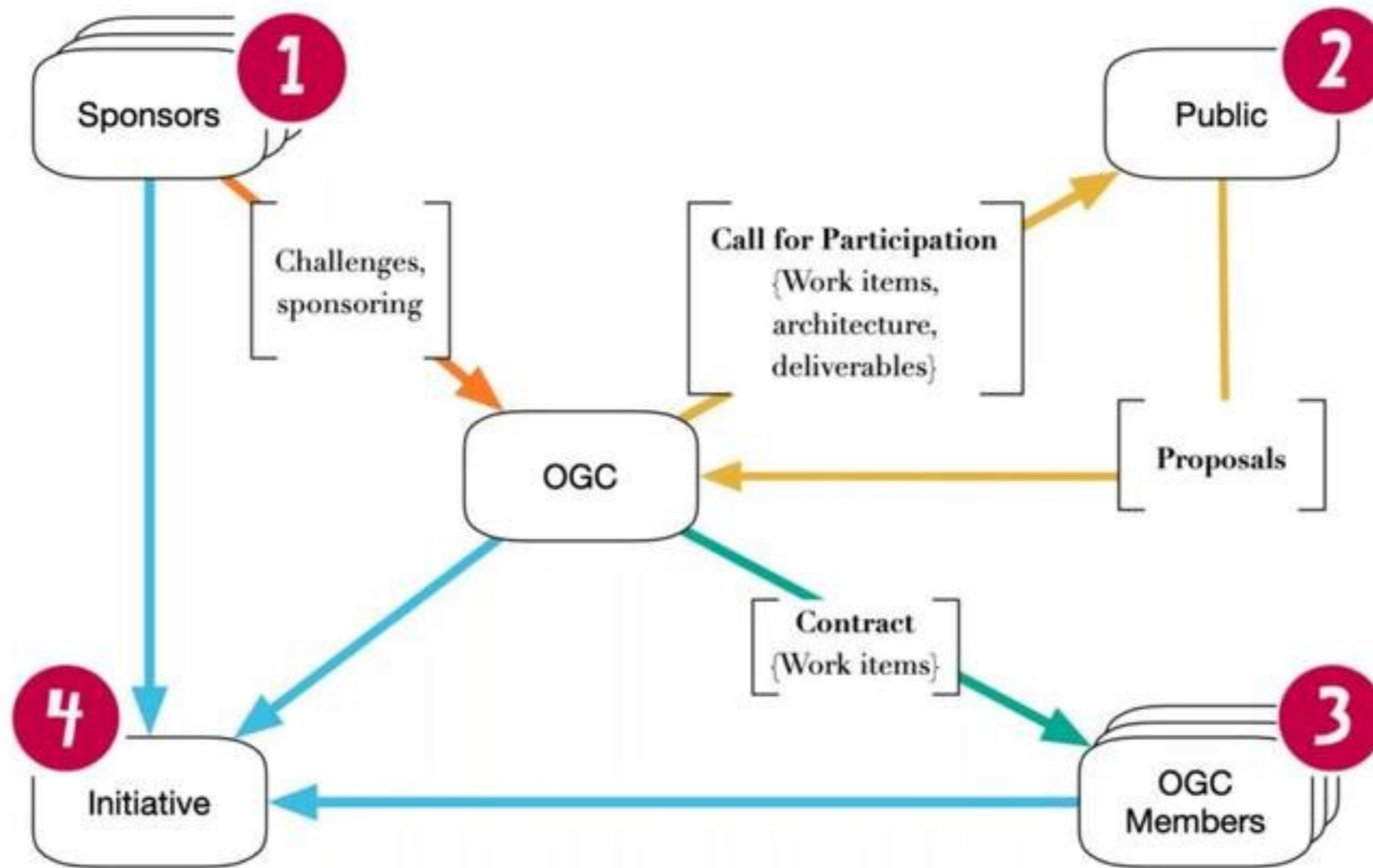
Thu Jul 25th 10:00 AM EDT

Thu Aug 29th 10:00 AM EDT

Thu Oct 31st 10:00 AM EDT

Thu Nov 28th 10:00 AM EST

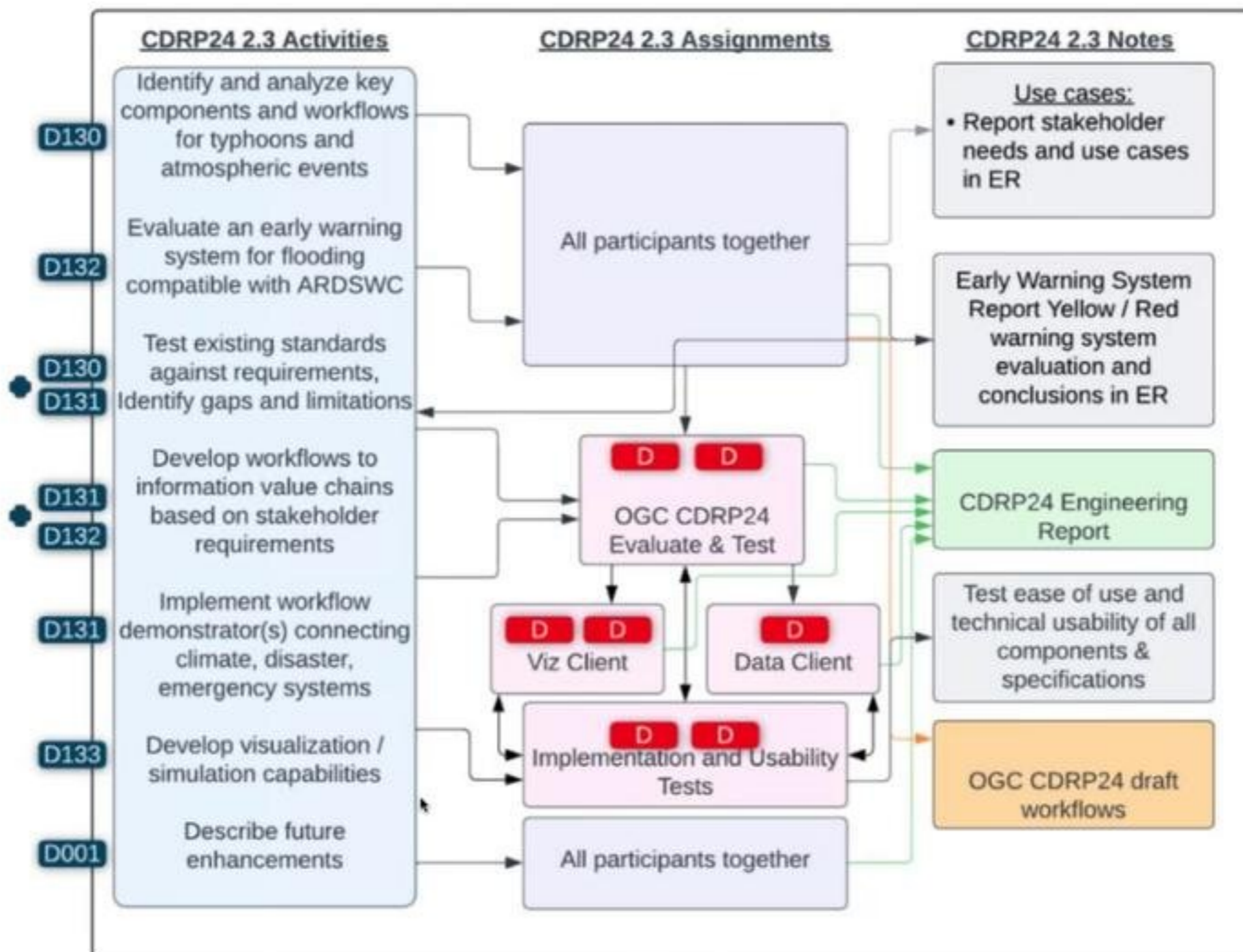
Innovation Initiative Process



Deliverables



2	D101	Engineering Report – Co-editorship of an Engineering Report capturing key results and experiences from this project. The Engineering Report will contain a plain language executive summary to clearly outline the motivations, goals, and critical outcomes of this Initiative. It will include sections on the Interoperability gap analysis; Usability of data products for specific use cases (e.g. in support of the IPCC, natural disasters); and Integration of complementary data (e.g. statistics on human population, health, species distributions). The report will be produced in collaboration with OGC staff.
2.2	D118	Produce an Engineering Report section that identifies needs and key components, workflows, as well as stakeholder-identified gaps in the value chain from data to Analysis Ready Data to Decision Ready Indicators that support timely decision making. This section should include information on the character of the stakeholder community engaged in its production.
	D119	Implemented workflows to produce indicators of health impacts of extreme events. This deliverable should take the form of a working prototype (software packages or scripts) provided as a package.
	D121	Implemented workflows of suites of data, software tools, and sensor data for a digital twin of weather events and /or assessments of climate change impacts creating a digital twin for urban scenario development. This deliverable should take the form of a working prototype (software packages or scripts).
	D123	Produce an Engineering Report section that identifies and evaluates metadata and SDI advances and efficiencies through the use of Artificial Intelligence capabilities. This section could be informed by assessments of user needs as well as technical assessments of potential advances and efficiencies.
	D124	Provide a 3D visualization capability leveraging interoperable climate and disaster resilience data systems or related simulations to communicate the value of outputs of this task to the wider stakeholder community.
2.3	D130	An Engineering Report section that identifies key components and workflows for typhoons, atmospheric rivers, and any other related extreme atmospheric conditions to interoperate with the climate data being used in the current system.
	D131	Working demonstrators which implement workflows to produce indicators of landslide with improved typhoon and/or atmospheric data. These should be delivered as a package of components e.g. software applications and scripted workflows or user interfaces and scripts. More than one instance of this deliverable may be funded.
	D132	A prototype workflow or operational prototype system (software or script) demonstrating an early warning system for flooding compatible with the ARDSWC Yellow / Red Landslide system and documentation of an implementable workflow. The prototype should be based on an evaluation of the possibilities to modify, enhance accuracy and simulation of the early warning mechanism.
	D133	Provide a 3D visualization of underground assets, leveraging interoperable climate and disaster resilience data systems or related simulations, for a mountain context.



Questions and Answers



- Is the Collective Engineering Report assumed to be related to whatever other deliverables are being offered, or are details of what information will be contributed required?
- Can you clarify whether D101 and D001 are separate deliverables? Only one instance of D101 appears in the Call For Participation and seems to be the same thing as D001
- Will any representative data be provided for any of the deliverables, or is the intention to source data ourselves and document the availability and pipeline of acquiring it?
- We would like to see if AWS or Google cloud computing can be available during the pilot to test?
- Is the call meant to select the best (just ONE) candidate to cover all the CDRP24's objectives or can an applicant focus on a sub-set of specific goals among those listed and be selected in tandem with other teams to complete the whole work required?
- What are the OGC intellectual property requirements for software prototypes developed as part of this pilot?