



Open Innovation for Earth Observation Programmes DAY 2

2-4 November 2022 | ESA-ESRIN | Frascati (Rm), Italy

Claudia Vitolo

ESA



Nov 2nd
13:00 – 16:30

- Setting the Scene
- Plenary discussion: Challenges and status quo of Openness in EO

Nov 3rd
9:00 – 17:00

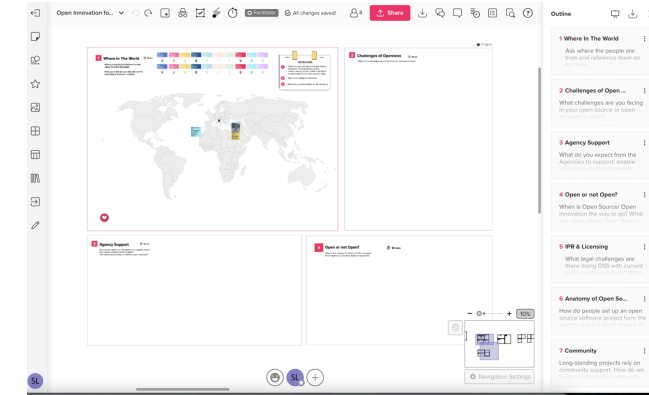
- Lessons learned from successful open community projects
- Plenary discussion: Best Practices & Finding common ground

Nov 4th
9:00 – 16:00

- Plenary discussion: Open mission Industry and Science
- Plenary discussion: Future Action and White Paper Discussion

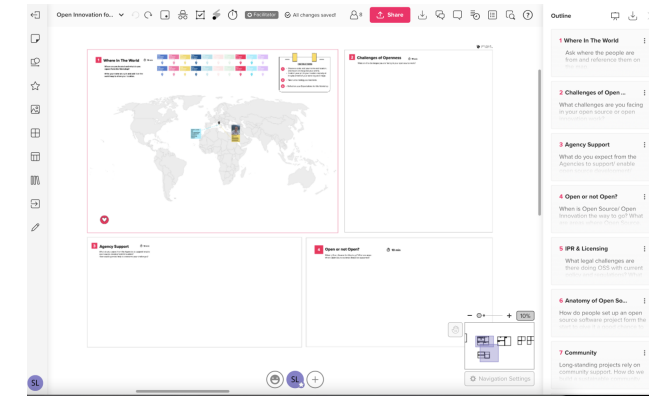
2. What are the current challenges in OS development/innovation?

- Licensing issues $\leftarrow \rightarrow$ understanding that OS is not only about licenses
- Long-term maintenance & sustainability
- Finding a trade-off between having an open process and keeping control of the project
- Community building takes time and effort
- Best practices are complex
- Understand what solutions are available + level of maturity of FOSS solutions
- Governance models – who should make decisions?
- Encouraging people to not only raise but also solve problems
- Reproducibility
- Diversity



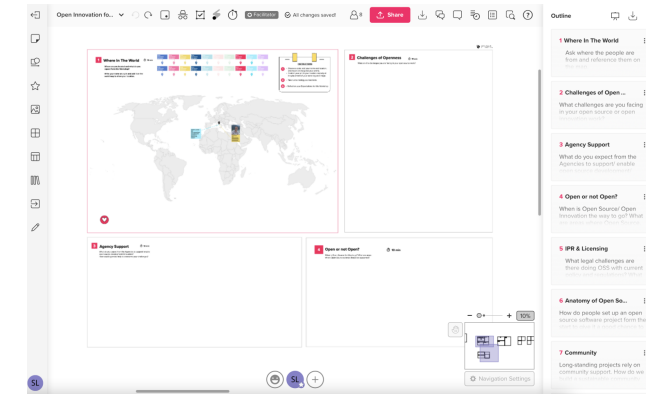
3. How can Space agencies better support OS development/innovation?

- Agencies should be part of the community, and support community building
- Coordinating OS efforts
- Agencies to clarify IPR and licensing to be used
- Establish an Open Source Programme Office that provides clear guidance
- Matchmaker programme to connect developers, researchers and tech companies
- Establish partnerships on open source policies amongst agencies
- Provide funding to cover development and maintenance
- Adapt to existing principles & standard licenses and not forcing new ones



4. When is open source the way to go?

- Open source should be the default option (not only for public funded tenders)
- For basic services that provide opportunities of growth downstream
- For everything except military purposes
- For scientific publications
- Anything where collaboration matters
- Anything where scientific discovery is important



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Nov 3rd – Best Practices and lessons learned from successful open community projects

09:00-10:50	Session 1 – talks*
10:50-11:10	Coffee Break - James Cook room
11:10-13:10	Session 2 – talks*
13:10-14:20	Lunch – ESRIN canteen
14:20-15:40	Seed talk + Plenary discussion (part 1)
15:40-16:00	Coffee Break - James Cook room
16:00-17:00	Plenary discussion (part 1)
17:30	Shuttle back to Frascati
20:30	Dinner at Ristorante Belvedere

*2 minutes for questions at the end of each talk

<https://esait.webex.com/esait/j.php?MTID=medcfea79c8ddf96d32ddc1769d31f7dd>

Password: Open2022

Please **mute yourself** unless speaking.

For questions and participation in discussions please **raise a hand** or **directly type your questions in the chat**.

1. E- mail to be invite to the Mural: stefanie.lumnitz@esa.int or events.organisation@esa.int

Or
2. Directly access Mural with the **link** provided in the **Welcome letter**
3. Today's questions on Mural: 5-6-7.
Feel free to add ideas anytime during the day!

