Open Innovation for Earth Observation Programmes

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

Stefanie Lumnitz

ESA

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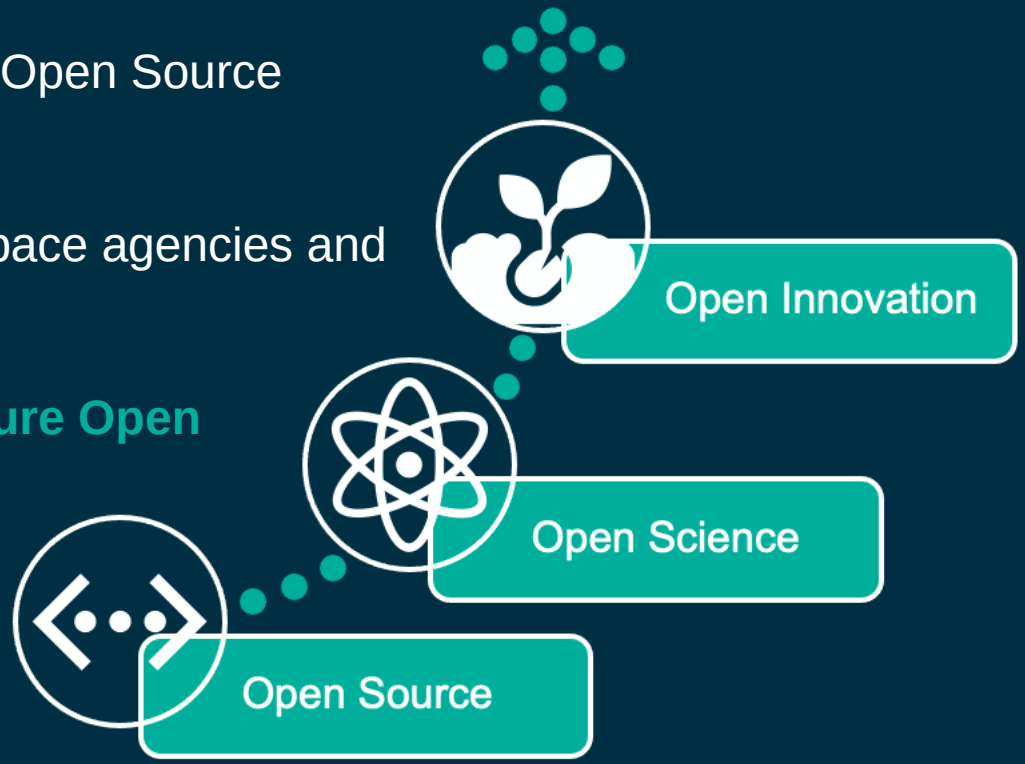
1. Review the **definition, latest status, opportunities and challenges** of Openness in Earth Observation Projects

2. Coordinate the preparation of **guidelines for Open Source Project** development in Earth Observation.

3. Identify **synergies and complementarities** between existing Open Source projects and space agencies.

4. Identify **collaborative opportunities and actions** between space agencies and communities.

5. Facilitate the planning and development of a **roadmap for future Open Innovation activities.**



White Paper - Outline

1. **Opportunities of using Open Source in EO projects**
    - Why do we want to use Open Source projects
    - What are the benefits and where are the risks compared to a closed software development process.
2. **How to start an Open Source Project**
    - What elements do I need to run a project open source (Repository, Code of conduct etc).
    - At which point do I need what.
    - Best practice recommendations on tools and methods to adopt
3. **Maintain an Open Source Project & Engaging the Community**
    - Best practices to successfully run and sustain an OS project
    - How to engage and grow a community
4. **Licenses**
    - Which Licenses to use when.
    - Risks related to license use.
5. **Business Perspective**
    - What are the benefits from a business point of view.
    - How can I build a business on OS
6. **Roadmap for common actions and a way forward**
    - What joint actions can we take to promote and conduct open innovation?

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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

Nov 2nd – Setting the Scene: Challenges and status quo of Openness in EO	
14:30	Coffee Break
15:30	Plenary Discussion
16:30	Visit of the Phi Experience & Icebreaker
19:30	Shuttle back to Frascati

- Coffee's will be served just outside
- Lunches will be downstaires in the canteen

Social Events

Nov 2nd 16:30 - Visit to the Phi Eperience and Ice Breaker

Nov 3rd 20:30 – Social Dinner
at the Ristorante Belvedere | dal 1933 – Frascati

WEBEX

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

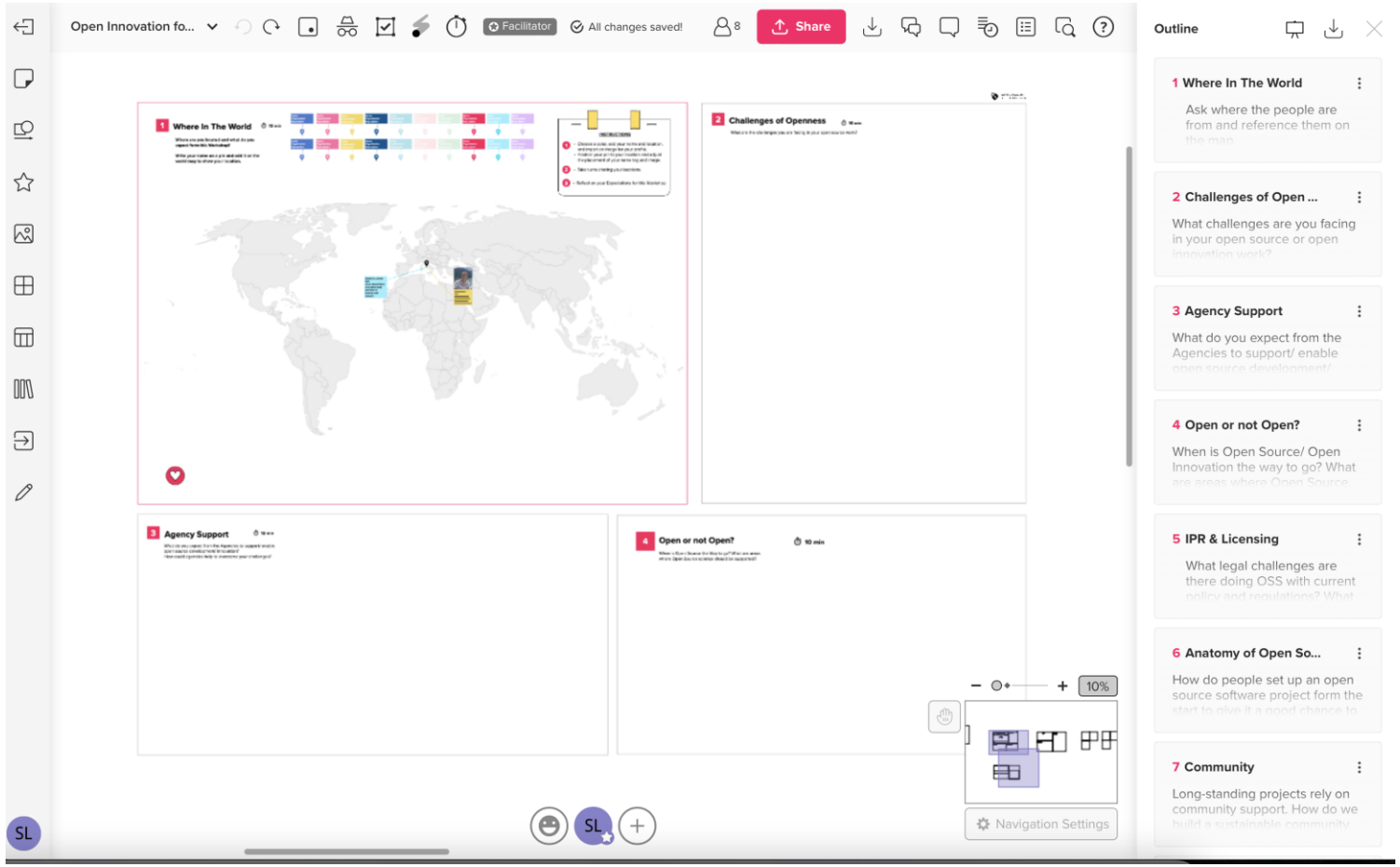
Password: Open2022

Please **mute yourself** unless speaking.

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

Mural - Discussion Facilitation

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**