

EMODnet Hackathon 2023-OSL 3.0 Status Update

17th EMODnet Steering Committee
7-8 November 2022

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EMODnet Hackathon Open Sea Lab (OSL) Brief Background

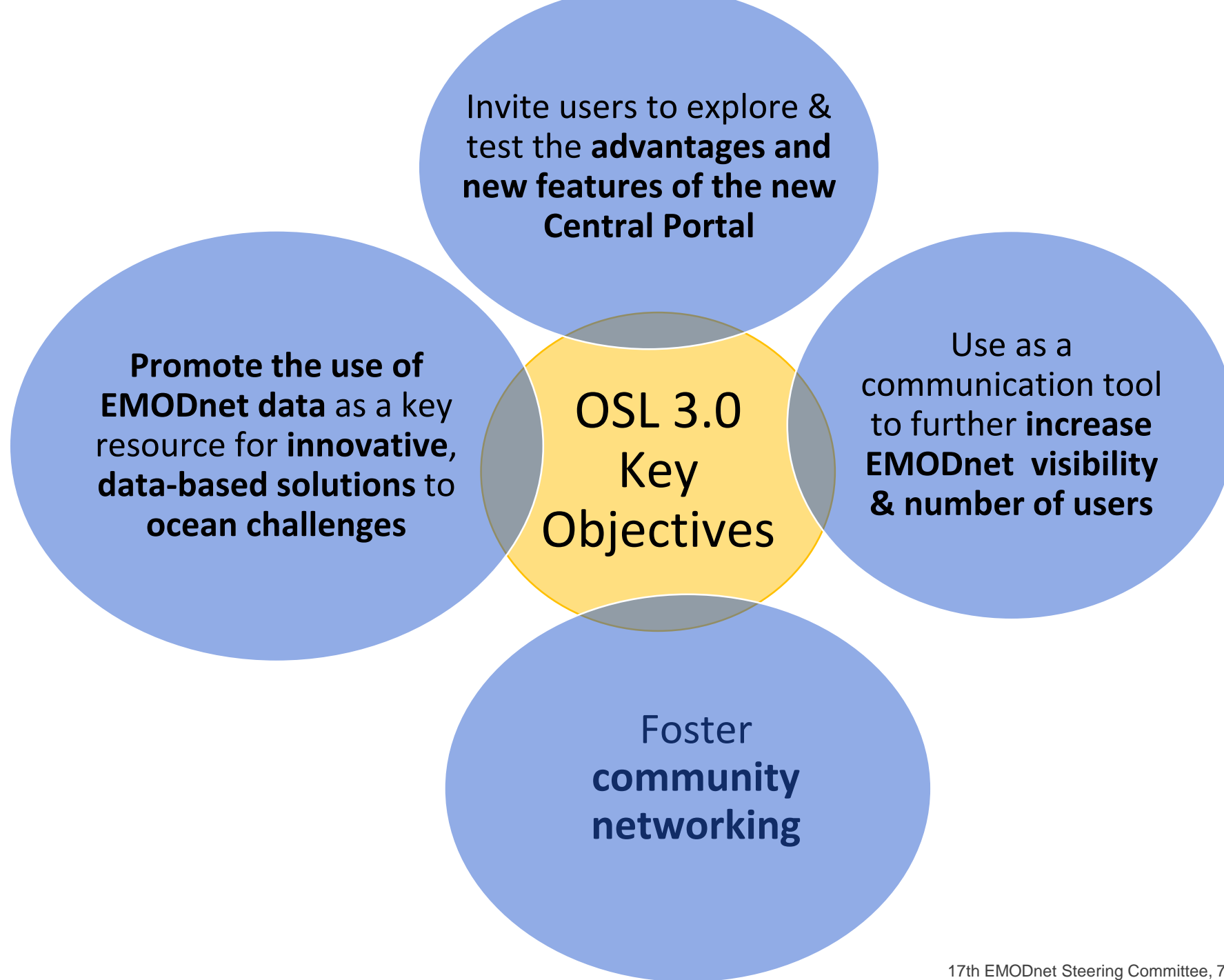
Previous editions
created in 2017 & 2019
to:

Act as live stress-
tests of EMODnet
services

Showcase the value
of EMODnet to
existing and new
user communities.

Highlight what
worked well for
users

Address how &
where to improve
usability and user
value



OSL 3.0 Summary facts

When and Where?

This will be a **virtual hackathon**, as we aim to enable people from all over Europe to participate.

- **Dec 22-Feb 23:** Outreach & Registration
- **March 6-24 March 2023:** Kick-off, Training, Inspiration & Team Formation
- **27-29 March 2023:** Virtual Hackathon
- **24-25 May 2023:** Celebrating & Showcasing Winners Workshop at EMD 2023, Brest, France

Who?

± 200 participants, grouped in Teams of 3-10: We are targeting users and producers of marine data, ICT experts and hacktivists, innovators, both from the public and private sector, students & citizens

Collaborating Organizations

DGMARE - VLIZ – Copernicus Marine – ICES – Marine@UGhent

OSL 3.0 Challenges (aligned with EU policy, Green Deal, UN Decade)

Challenge 1

Protecting and restoring marine & freshwater biodiversity.

How might we leverage EMODnet to evolve a true trans-European nature network that protects our sea areas; to restore rivers or to scale up nature-based solutions that improve the resilience of coastal communities?

Challenge 2

Eliminating pollution of our ocean, seas and waters.

How might we leverage EMODnet to reduce microplastics and plastic litter at sea or to reduce the use and risk of chemical pesticides, through innovative solutions or improved international governance?

Challenge 3

Making the blue economy carbon-neutral and circular.

How might we leverage EMODnet to eliminate or sequester greenhouse gas emissions from maritime economic activities; develop zero-carbon and low impact aquaculture; promote low-carbon, multi-purpose use of the marine and water space; or mobilise the ocean and inland water's potential for carbon-free energy?

Challenge 4

Contributing to the UN Decade of Ocean Science for Sustainable Development.

How might we leverage EMODnet to advance a digital knowledge system that supports international collaboration towards better understanding, monitoring, forecasting and protecting the Ocean?

Challenge 5

Empowering social innovation.

How might we leverage EMODnet to inspire and support social innovation practices or participatory governance approaches that empower citizens to co-design and co-implement solutions to restore our Ocean and Waters by 2030?

Next Steps for all Co-organizing Organizations

Use the "**OSL 3.0 Communications Pack**" that we will be made available & help promote the hackathon through your channels

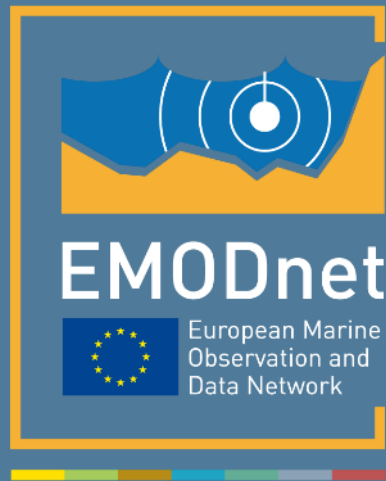
Act as Mentors, Coaches & Judges and support participants with your knowledge and experience in the marine ecosystem, IT and Data. Aim for gender balance.

Training & Networking Day for the Coaching & Mentoring Brussels, 8 February 2023 to:

- **Provide** coaches and mentors with all the information that they need
- **Guide** to all available resources.
- Useful tips & suggestions, based on past hackathon experiences.
- 1-hour virtual meeting later in February, for those who can attend in person

The OSL 3.0 collaborating organizations have a significant role acting as **communication multipliers & supporting participants.**

Thank you!



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*Your gateway to marine data in
Europe*





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