

Towards practical implementation guidelines for fisheries monitoring technologies: aligning ongoing initiatives, standards and data frameworks

The OptiFish project invites you to a hybrid workshop bringing together projects, organisations, initiatives and working groups involved in the development and implementation of fisheries monitoring technologies:

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The workshop will take place **in Trondheim on 5 November**, directly following the CatchID Symposium. However, participation is open to everyone with relevant expertise or interest and does not require attendance at the symposium.

Fisheries monitoring technologies are developing rapidly, ranging from cameras, AI-based image analysis and sensor systems to eDNA and traceability tools.

However, terminology, data structures, validation approaches and implementation practices are still often developed separately within individual projects and initiatives. This can make it difficult to compare technologies, transfer solutions between contexts and build on previous work.

Within OptiFish, we are therefore developing practical guidelines for the implementation of novel fisheries monitoring technologies. These guidelines are not intended to replace existing standards or frameworks, but to bring the different elements together, provide practical guidance and identify where existing work can be applied.

The main objective of this workshop is to ensure that the guidelines build on existing knowledge and ongoing initiatives rather than duplicate them. We want to identify relevant work on standards, terminology, metadata, data formats, validation, interoperability and practical implementation.

Together, we will discuss which existing outputs can be referenced or aligned with the guidelines and where important gaps remain.

The session will combine short contributions from relevant initiatives with an open and structured discussion. The resulting overview of initiatives, documents and recommendations will feed into the further development of the guidelines.

If your organisation, project, initiative or working group is active in this area, you can indicate in the registration form whether you would be willing to briefly present your work. The exact duration will depend on the number of contributions received. In-person contributions are appreciated where feasible, but online contributions are also possible. You do not need to give a presentation to participate.

Practical information

Date: 5 November 2026 | **Time:** 09:00–12:00 CET

Location: Brattørkaia 17C, Trondheim, Norway

Format: Hybrid – in person and online

Lunch: A sandwich lunch will be available afterwards for registered in-person participants

Registration: <https://forms.cloud.microsoft/e/bGRGHCSvyU>

Please indicate your **interest in contributing by 1 October 2026**.

General **registration closes on 19 October 2026**.

The final programme, practical information, and online participation link will be shared with registered participants after registration closes.