



Fish-X Goals

The goals of Fish-X Project are defined as follows:

- Fight Illegal, Unreported, and Unregulated (IUU) fishing
- Promote a sustainable use of common natural resources
- Support honest fishers and help to generate fair economic returns
- Foster synergies between fisheries, authorities, supply chain actors, and consumers
- Advance the digital transition for small-scale and recreational fisheries
- Contribute to traceable, healthy, and sustainable food



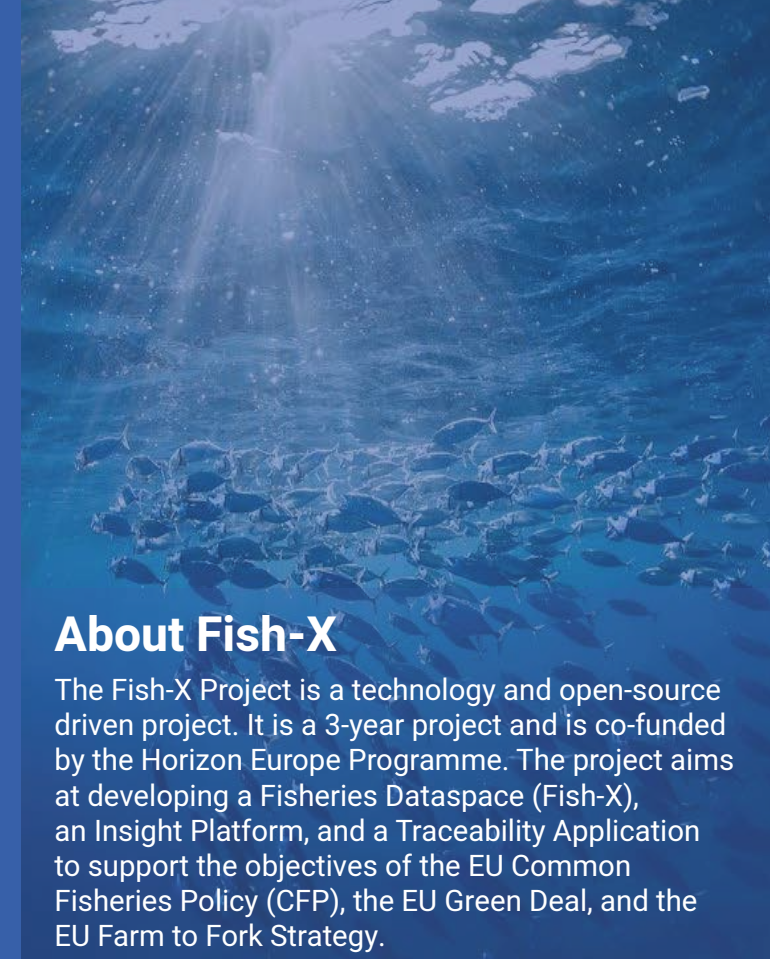
Fish-X as a project:

- believes in a Common Responsibility to foster Sustainable Fisheries and Marine Biodiversity
- drives digital innovation to enable the sustainable exploitation of common natural resources
- develops accessible technologies to empower small-scale fisheries and grow their credibility towards the customer

 www.fish-x.eu

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About Fish-X

The Fish-X Project is a technology and open-source driven project. It is a 3-year project and is co-funded by the Horizon Europe Programme. The project aims at developing a Fisheries Dataspace (Fish-X), an Insight Platform, and a Traceability Application to support the objectives of the EU Common Fisheries Policy (CFP), the EU Green Deal, and the EU Farm to Fork Strategy.

Project Timeline

June 2022 – May 2025



Mediterranean Use Case

For this use case, Croatia has been selected for the importance of SSF and recreational fisheries to monitor their environmental impact. Some Greek fishers might be selected in cooperation with STARFISH project, which has already installed VMS tracking devices NEMO on 70 small fishing boats along with some other interested groups.

Engagement actions will promote acceptance by small-scale fishers of digital tools like electronic logbooks, and electronic gear marking.



Practical demonstrations will be organised with local partners, addressing various types of VMS solutions, sea trials of electronic gear tracking, for lost gear recovery, verification of landings and fishing effort, log REM events etc.

Digital tools will be defined by the needs as expressed by testing partners to encourage uptake of technologies and remove access and skills barriers. The target is to integrate monitoring and testing into the Insight platform.



Atlantic Use Case

This use case will monitor compliance with new fisheries regulations (VMS, electronic logbook, landing declaration) in Atlantic fisheries from Portuguese and/or Spanish communities.

This would include VMS tracks anonymised, verification of consistence between landings and fishing effort Met-ocean and cetacean distribution maps (index of risk of cetacean bycatch), and other onboard digital tools to be defined by the needs as expressed by testing partners to encourage uptake of technologies and remove access and skills barriers. The target is to integrate monitoring and testing data into the insight platform.



Baltic/Northern Sea Use Case

The Baltic/Northern Sea use case will target German fisheries (potentially to be expanded to other Baltic countries if found feasible) to focus on traceability and promote the acceptance of the Fish-X traceability application by small-scale fishers. The overall aim is to establish an efficient traceability framework which builds on the tools and systems already in place within the sector (e.g. VMS tracks, electronic logbooks, landing declarations).

The development of the traceability application will be based on continuous feedback from stakeholders throughout the fisheries supply chain and in consultation with a few selected testing partners. The final traceability application will thus be in close alignment with the specific needs as expressed by relevant actors as well as designed with a strong focus on the consumers.



A step towards Digitalisation

Fish-X Project is a step towards digitalisation of SSF in EU that would result in more sustainable blue economy and provide a great support to fishers and relevant stakeholders in several ways.

Timeline

June 2022 – May 2025

Total Volume

6€ MIO

EU-Funding

4.5€ MIO

7 Project Partners

TransMarTech Schleswig-Holstein (TMT, Germany)
Collecte Localisation Satellites (CLS, France)
EU Tech Chamber (EUTECH, Germany)
North.io (Germany)
OURZ (Germany)
Sciaena (Portugal)
WWF EPO (Belgium)



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Affiliates in

Adriatic Sea and Portugal

Focus Area

- > Mediterranean Sea
- > Atlantic Sea
- > Baltic/Northern Sea

Focus Group

- > Small-scale & recreational fisheries

Outcomes & Impact

- > Technology Use Cases
- > EU Fisheries Roadmap for Digitalisation
- > Fish-X Dataspace
- > Insight Platform
- > Traceability Application
- > Policy Recommendations
- > White Papers

