FISH-X

FISH-X

Transparent Fisheries for a Resilient Ocean

EU-Project no.: 101060879

Co-funded by the European Union

PROJECT BACKGROUND

EC call for innovative action on digital transition:

- **Develop new monitoring and control strategies/technologies**
- **Eliminate IUU & promote sustainable fisheries**
- **Advance the digital transition for fisheries MCS**
- **Provide innovative tech solutions**
- **Focus on small-scale and recreational fisheries**

FISH-X IN A NUTSHELL

“We believe in a common responsibility to foster sustainable fisheries and marine biodiversity .”

OVERCOME KEY CHALLENGES

- ❖ Collection and sharing of fisheries data
- ❖ Data access, management & utilization

→ Use of open interoperable technology

KEY FACTS

PROJECT TIMELINE:
06/22 - 05/25
(36 MONTHS)

TOTAL VOLUME:
6€ MIO

EU-FUNDING:
4.5 € MIO

7 PROJECT PARTNERS:
BELGIUM, FRANCE,
GERMANY, PORTUGAL

AFFILIATES IN:
ADRIATIC SEA & PORTUGAL

FOCUS AREA:
MEDITERRANEAN,
ATLANTIC &
BALTIC/NORTHERN
SEA COAST

FOCUS GROUP:
SMALL-SCALE &
RECREATIONAL
FISHERIES

PROJECT CONSORTIUM

TransMarTech SH
Driving Maritime Future

EUTECH

SCIAENA
Oceans # Conservation # Awareness

north.io

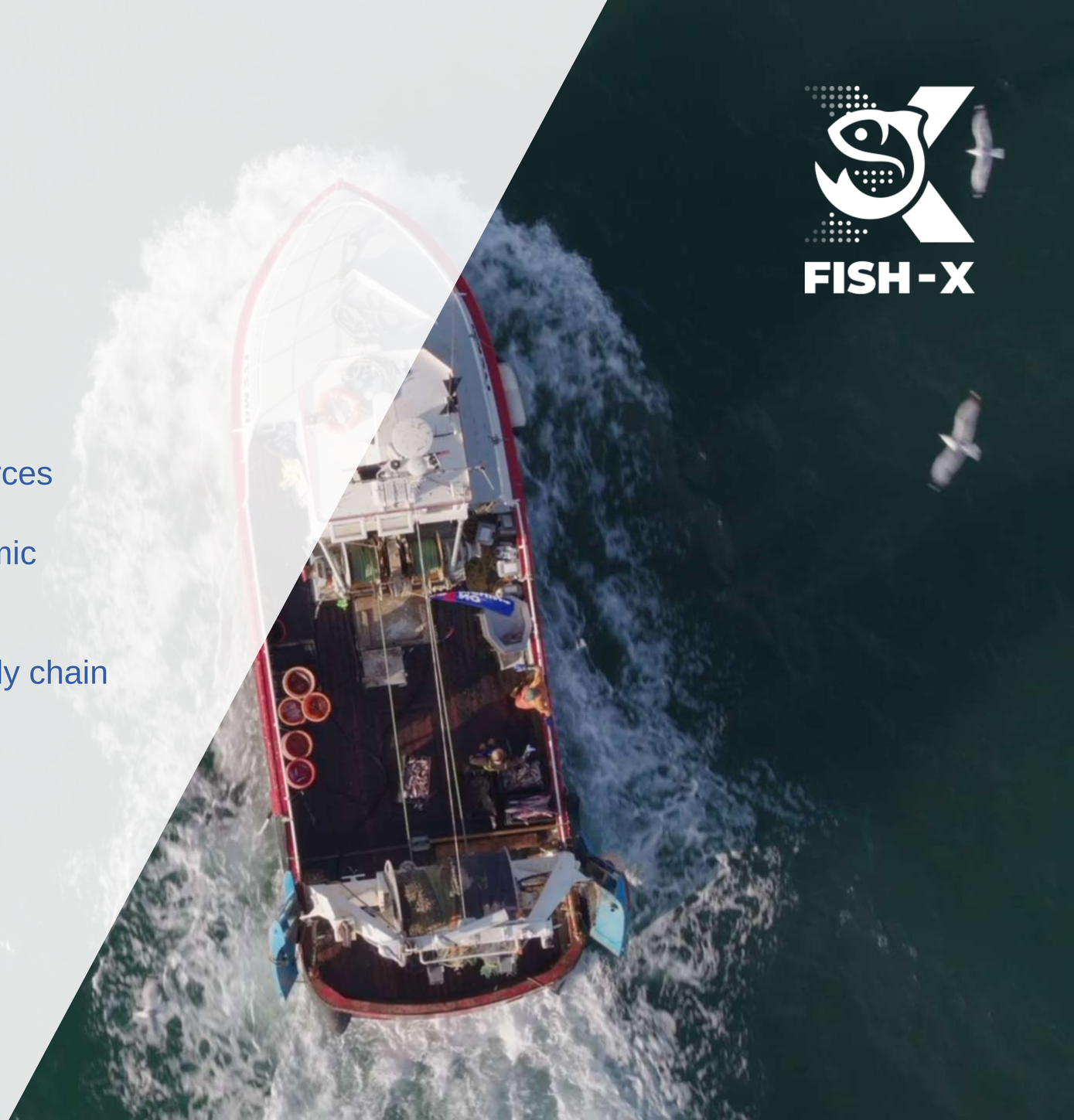
CLS
COLLECTE LOCALISATION SATELLITES

OURZ

© WWF ®

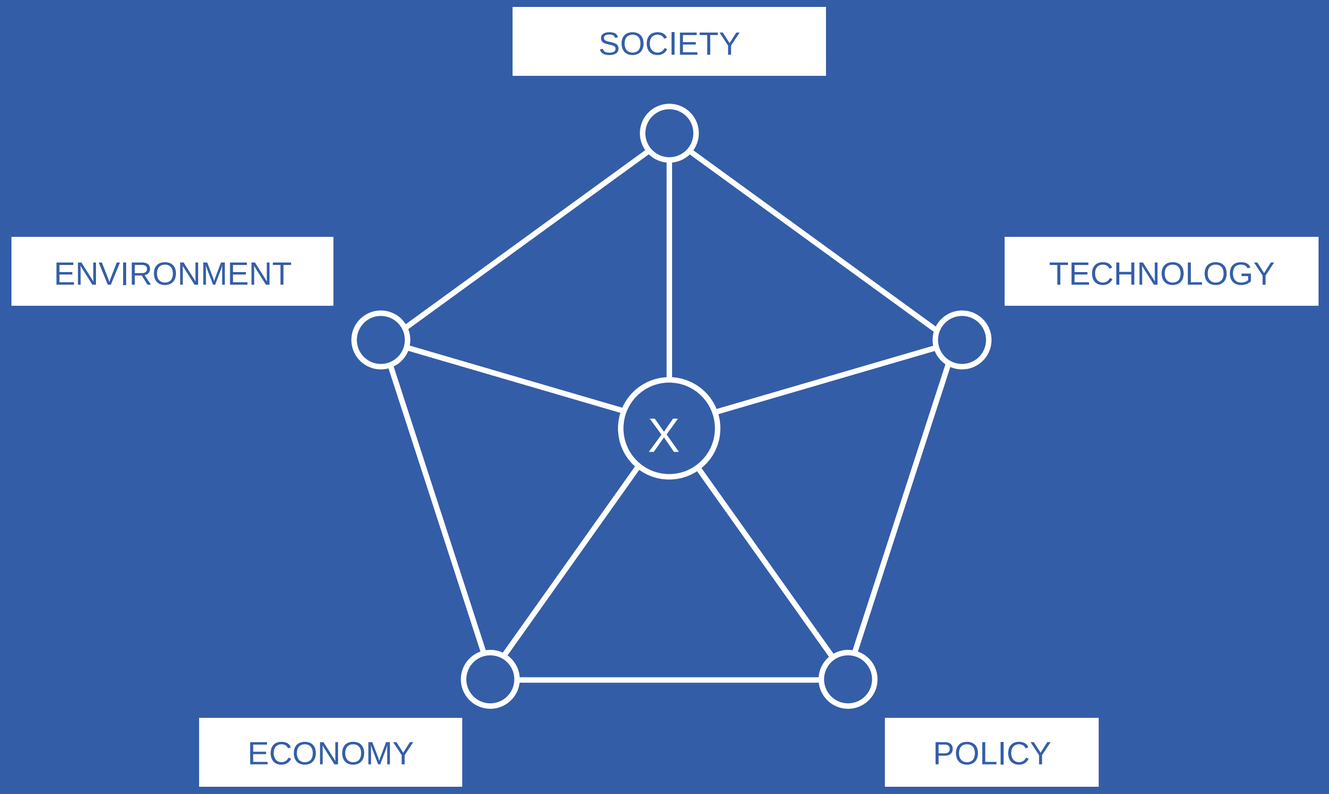
PROJECT GOALS

- Fight Illegal, Unreported & Unregulated (IUU) fishing
- Promote a sustainable use of common natural resources
- Support honest fishers and help 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



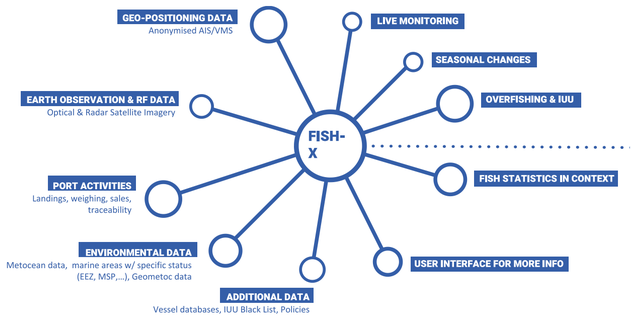
SCOPE

A PARTICIPATORY APPROACH



OUTCOME - IMPACT

1. FISH-X DATA SPACE



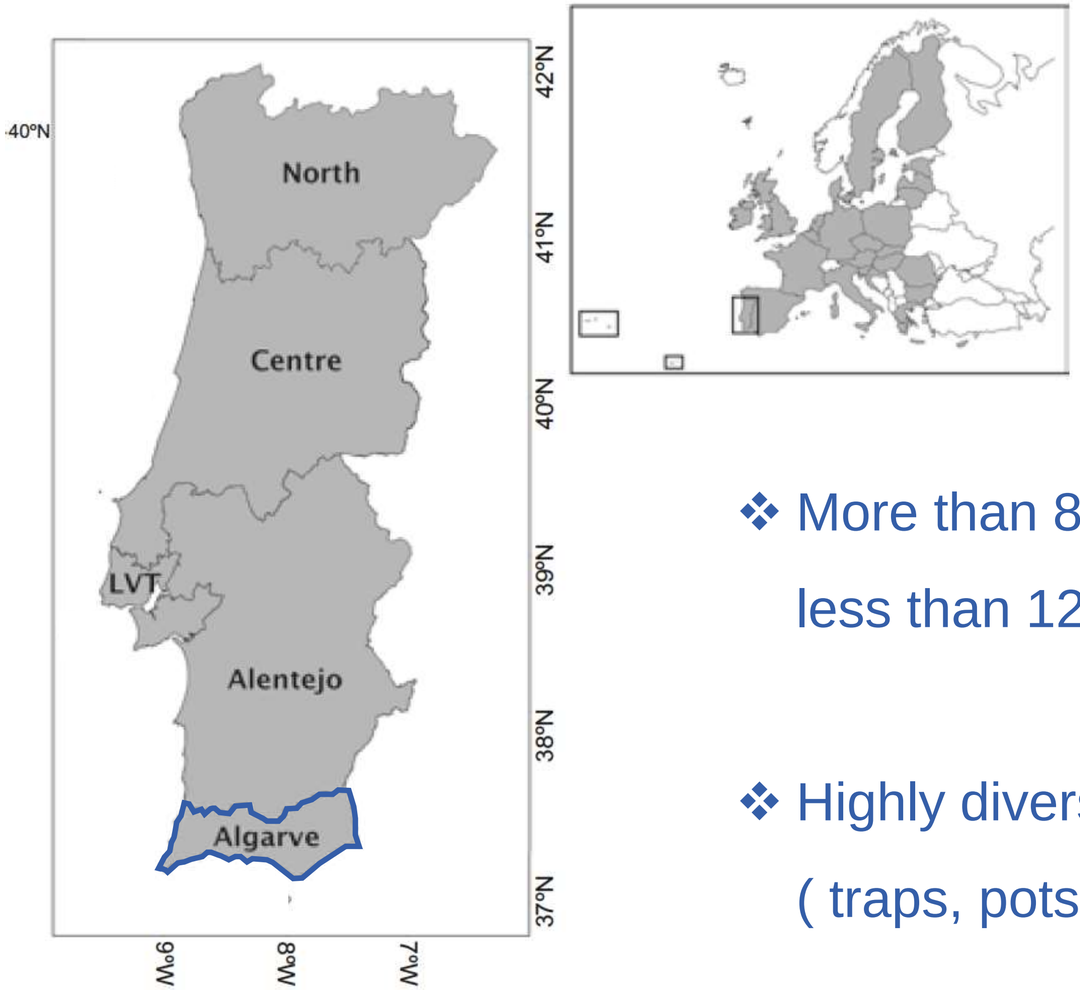
2. INSIGHT PLATFORM

3. TRACEABILITY APP

A) USE CASES

B) POLICY RECOMM.

PORTUGUESE USE CASE



- More than 80% of the Portuguese fleet has less than 12 meters in length
- Highly diverse regarding types of fishing gear (traps, pots, longline, purse-seine, nets)

Source: Modified after J.J. Pascal Fernandez et al., 2020

PORTUGUESE USE CASE

- **SSF** is of high socioeconomic importance: high ratio of jobs per tonne of seafood landed when compared to industrial fishing

- There is however a general **lack of information** regarding fishing pressure, fishing areas and seafood traceability for SSF

- **Objective:** collect data that allows small-scale fishers to protect their fishing grounds from other economic interests and improve the lack of information from the SSF sector

Source: J.J. Pascal Fernandez et al., 2020

EU FISHERIES ROADMAP

- **Objective:** Support a just digital transition of SSF in the EU by 2030
- **Method:** Consultative approach with key actors
- **Status:** Preliminary version published (→ see link in chat)
- **Next steps:** Comprehensive analysis & synthesis to expand and refine preliminary version

NEXT STEPS FOR 2023

- Further Stakeholder Engagement and Co-creation activities
- Starting Use Cases in defined areas (by August)
- Developing the first prototypes of the MVPs

Thank you for you attention, and enjoy the Webinar!

Get in touch:

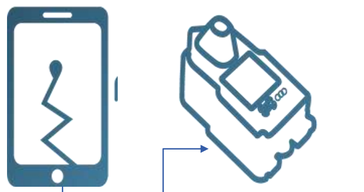
www.fish-x.eu | info@fish-x.eu

Backup slides

M&C AND TRACEABILITY

ELECTRONIC LOGBOOK

VESSEL MONITORING SYSTEM (POSITION, SPEED, HEADING)



MOBILE TERMINAL UNIT

1

SATELLITE OR CELLULAR OPERATOR

2

SERVICE PROVIDER

3

FISH-X DATA SPACE

4

FISH TRACEABILITY APPLICATION(S) FOR ALL SEAFOOD ACTORS

5

AGGREGATION OF DAILY LOGBOOK (ERS)

NATIONAL FISHERIES CENTER

4b

THIRD PARTY/REGIONAL FISHERIES CENTER

5b