EVERYFISH

# Digital transition of catch monitoring in European fisheries

GFETW Halifax August 2nd

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433A
CAMARA


14 Life below water
3 and well-being
4 Quality education
5 Gender equality
6 Clean water and sanitation
7 Affordable and clean energy
11 Sustainable cities and communities
12 Responsible consumption and production
13 Climate action
14 Life below water

# EVERYFISH HEU

1. JANUARY 2023 – 31. DECEMBER 2026 (4 YEARS)

17 PARTNERS – 8 COUNTRIES

COORDINATOR – SINTEF OCEAN, NORWAY

EU CONTRIBUTION - € 4 968 859

WWW.EVERYFISH.EU

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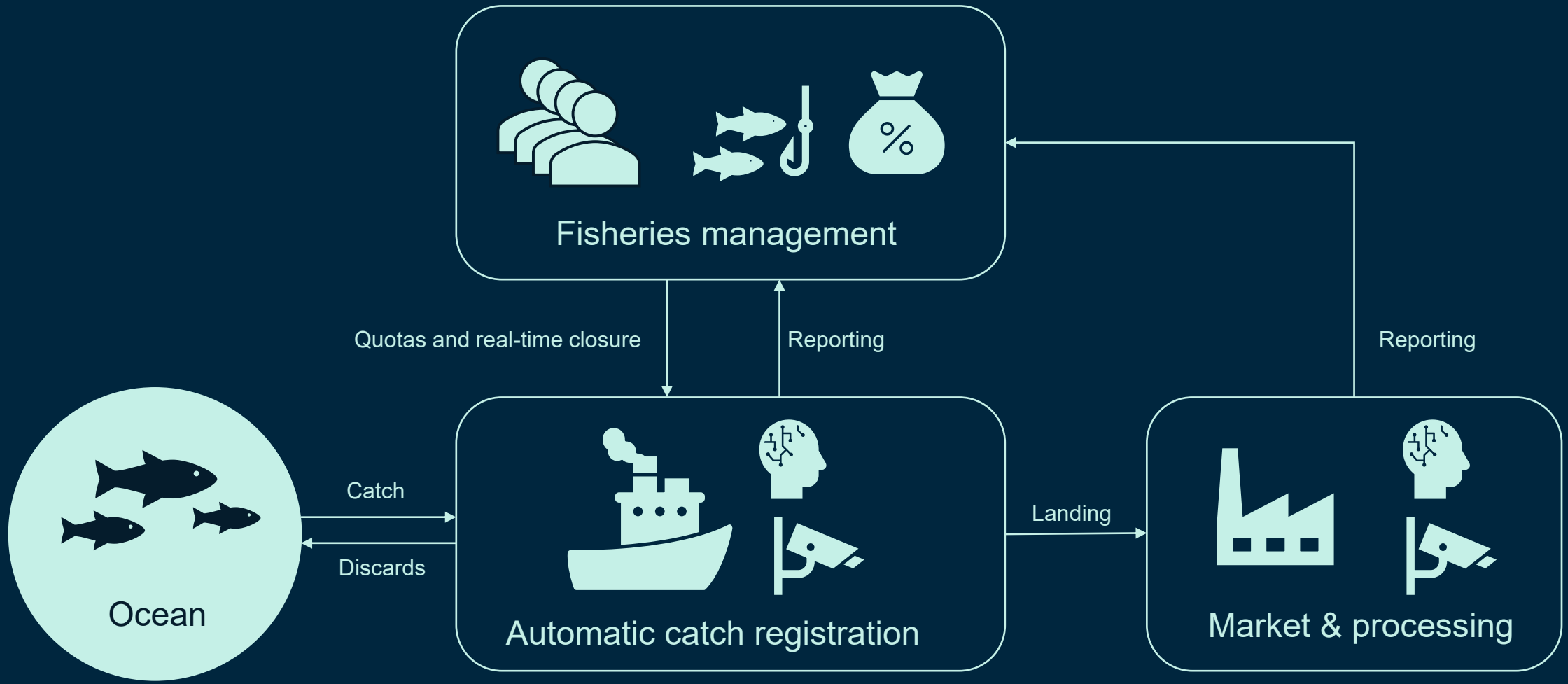


# Digital transition

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## Norway
SINTEF Ocean
Insitute of marine research
Norwegian Directorate of Fisheries
Melbu Systems AS
Aqua Maritime AS

## Denmark
DTU
Anchor Lab KS

## Spain
AZTI
Data Fish Technology Solutions SL

## Netherlands
Wageningen University
Stichting Wageningen Research

## Turkey
University of Cukurova

## Belgium
ILVO

## Romania
ASSIST Software SRL

## United Kingdom
University of East Anglia
CEFAS
University of St.Andrews

# Objectives

1. AI for the fisheries sector
2. Accuracy of catch reporting
3. Standardize catch data
4. Detect anomalies
5. Digitize fisheries management
6. Identify and address challenges and opportunities
7. Test, validate, and promote

# Technologies

1. CatchScanner
2. CatchMonitor
3. CatchWAM
4. CatchWatch
5. CatchHawk
6. CatchS3ID

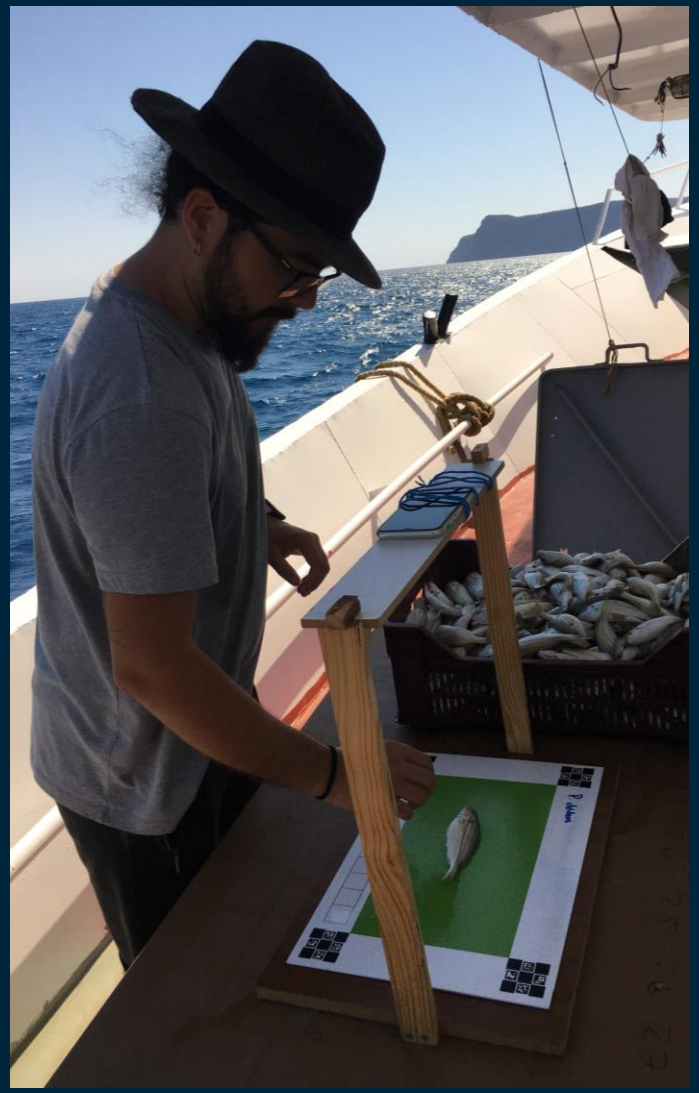
7. CatchSnap Commercial
8. CatchSnap Recreational

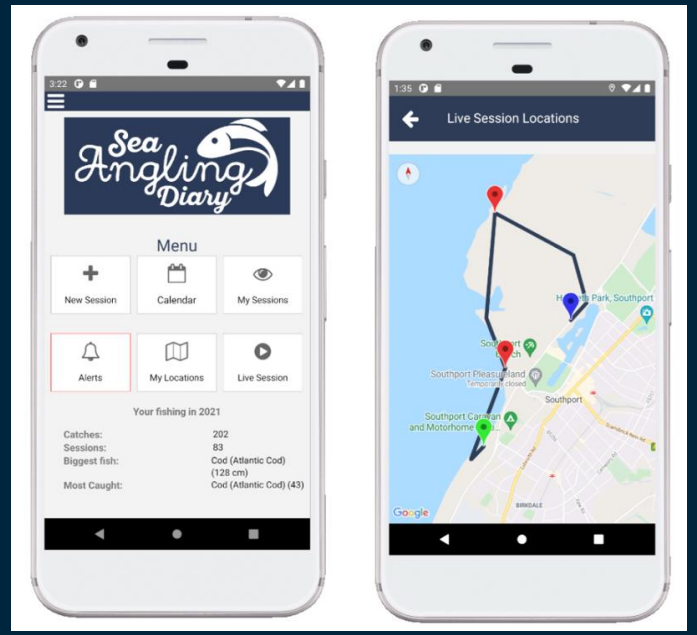
9. AQMPelicalc
10. CatchOnTheWeb


# Source footage

Captured on board commercial fishing vessels

Challenging real-world conditions




Sea Angling Diary
Menu
New Session
Calendar
My Sessions
Alerts
My Locations
Live Session
Your fishing in 2021
Catches: 202
Sessions: 83
Biggest fish: Cod (Atlantic Cod) (128 cm)
Most Caught: Cod (Atlantic Cod) (43)
Live Session Locations
Southport
Google

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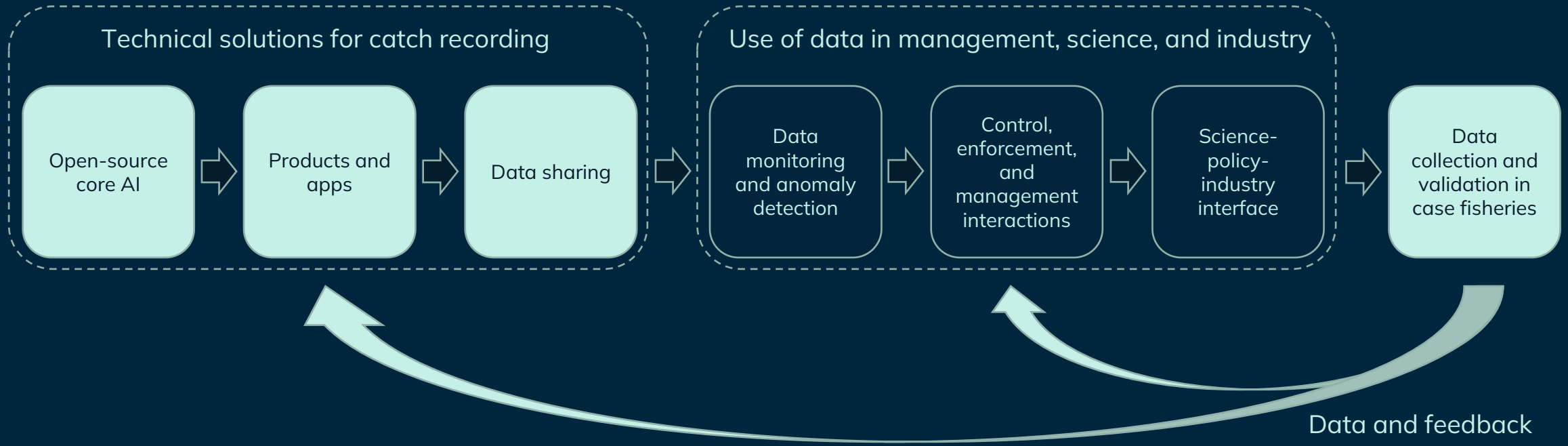
# Summary


Technical solutions for catch recording
Open-source core AI
Products and apps
Data sharing
Use of data in management, science, and industry
Data monitoring and anomaly detection
Control, enforcement, and management interactions
Science-policy-industry interface
Data collection and validation in case fisheries
Data and feedback

# EVERYFISH

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Facebook: @EveryFishHEU
LinkedIn: https://www.linkedin.com/company/everyfish/
Instagram: @EVERYFISH_HEU

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SINTEF AZTI MEMBER OF BASQUE RESEARCH & TECHNOLOGY ALLIANCE data fish DIRECTORATE OF FISHERIES DTU Technical University of Denmark ILVO Flanders Research Institute for Agriculture, Fisheries and Food MELBU SYSTEMS Anchor Lab Copenhagen WAGENINGEN UNIVERSITY & RESEARCH AQM Aqua-Maritime AS ASSIST Innovative Minds

Cefas UEA University of East Anglia University of St Andrews