PANDORA

Paradigm for Novel Dynamic Oceanic Resource Assessments

PROJECT GOALS

PANDORA is designed to increase the sustainability of EU fisheries through improved fish stock assessments and management recommendations.
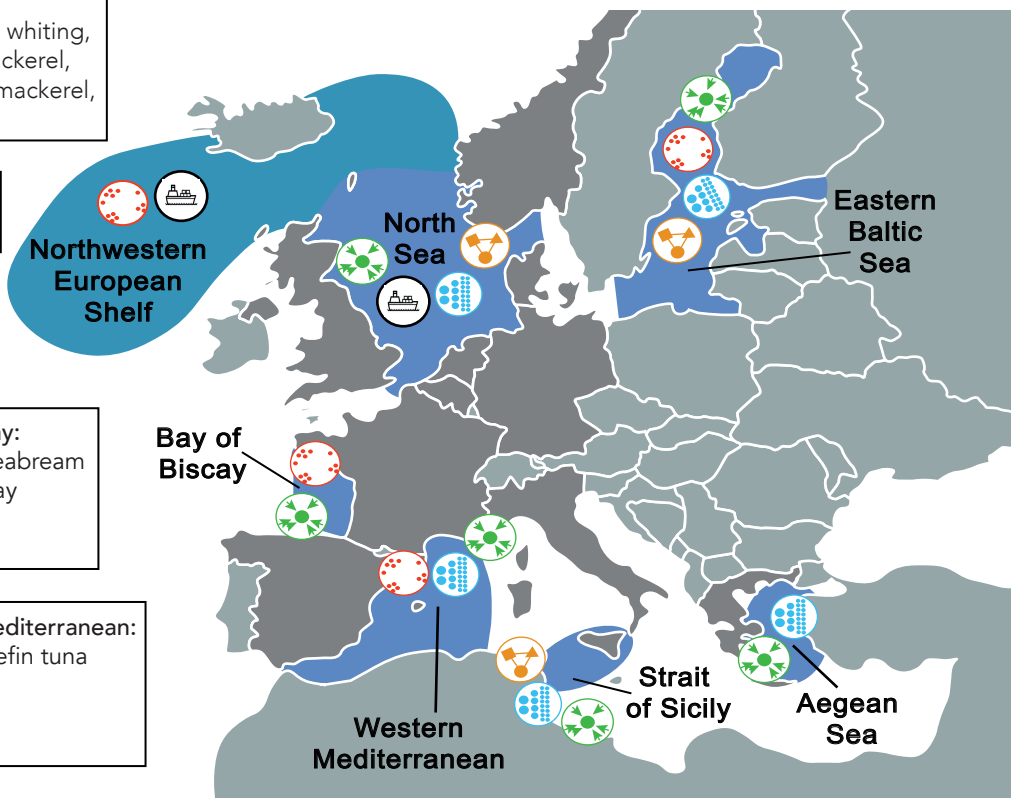The project will do this by...

1. providing new biological knowledge on fish and ecosystems,
2. building more robust tools to assess future fish stocks,
3. improving science-based advice to fisheries management, and
4. creating "Pandora's Box of Tools" for assessments and practitioners.

CASE STUDIES, AREAS AND RESEARCH TOPICS

North Sea:
cod, haddock, saithe, whiting, sole, plaice, hake, mackerel, herring, sprat, horse mackerel, brill, turbot

NW European Shelf:
mackerel

Bay of Biscay:
blackspot seabream
thornback ray
spotted ray
blonde ray

Western Mediterranean:
Atlantic bluefin tuna
albacore
red mullet
hake

Eastern Baltic:
cod
herring
sprat
round goby

Aegean Sea:
hake
red mullet

Strait of Sicily:
red mullet
pink shrimp

Northwestern European Shelf

North Sea

Eastern Baltic Sea

Bay of Biscay

Western Mediterranean

Strait of Sicily

Aegean Sea

Density dependence

Spatial structure

Food webs

Environmental drivers

Industry self-sampling

www.pandora-fisheries-project.eu

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▶ APROACH & METHODS

Collection of new **biological and ecological data**

Co-framing of management questions and scenarios with regional stakeholders

Development of **online tools** for stock assessors, fisheries managers and fishers

Training courses for fishers, stock assessors and scientists

▶ PROJECT PARTNERS

- 🔴 **Project Coordinator**
- 🟢 **National Laboratories (11)**
- 🔵 **Universities (7)**
- 🟡 **Industry & Advisory (6)**

DTU Aqua, Bangor University, University of Hamburg, University of Bergen, University of Kiel, University of Portsmouth, University of Amsterdam, University of the Highlands and Islands;

CNR, Ifremer, IEO, Samfunns- og naeringslivsforskning, HCMR, CSIC, TI Seefischerei, Strichting Wageningen Research, SOCIB, Cefas;

Danmarks Pelagiske Producentorganisation, Scottish Pelagic Fishermen's Organisation, Pelagic Freezer Trawler Association, Cooperative Kottervisserij Nederland, ICES, JRC

NORTH SEA

BALTIC SEA

ATLANTIC OCEAN

MEDITERRANEAN SEA
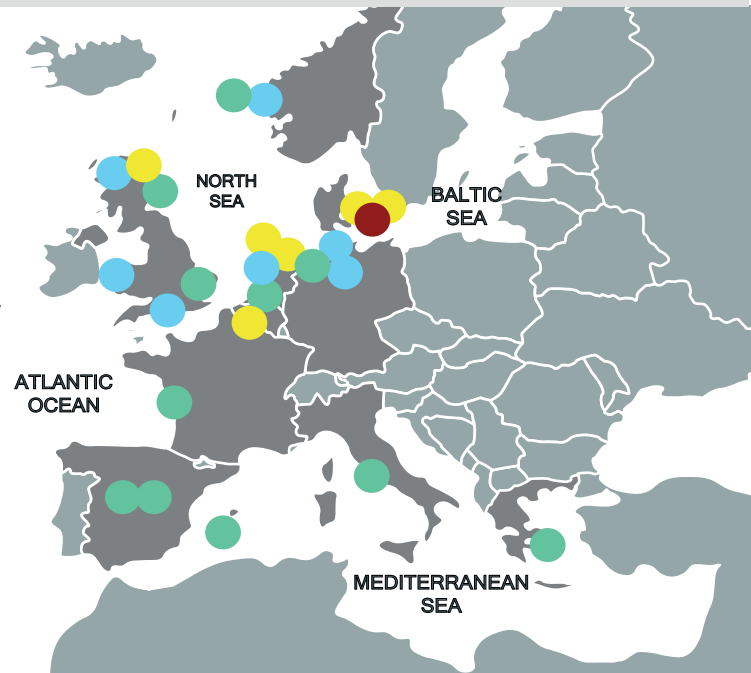
▶ GET INVOLVED!

As fishers, fisheries managers, stock assessors, NGOs, policy-makers, you can...

- share your view on the **biggest challenges** facing stock assessment and the management in your region and for your stock,

- contribute your opinion on how stock assessments and management **could be improved**,

- **share your knowledge** on fish biology and ecosystem changes in your region,

- shape the **development of PANDORA's Box of Tools** to create an effective online resource for Blue Growth of the fisheries sector.

▶ Contact us

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www. pandora-fisheries-project.eu
(coming soon)