

European Pavilion Digital Ocean

Nice | France
2 - 13 JUNE 2025

FVON

FISHING VESSEL
OCEAN OBSERVING
NETWORK ●

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Inspire
marine biodiversity





A FISHING TALK IN A BIODIVERSITY SESSION?

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Food production = negative impact.

El Niño

Fishers are the original oceanographers

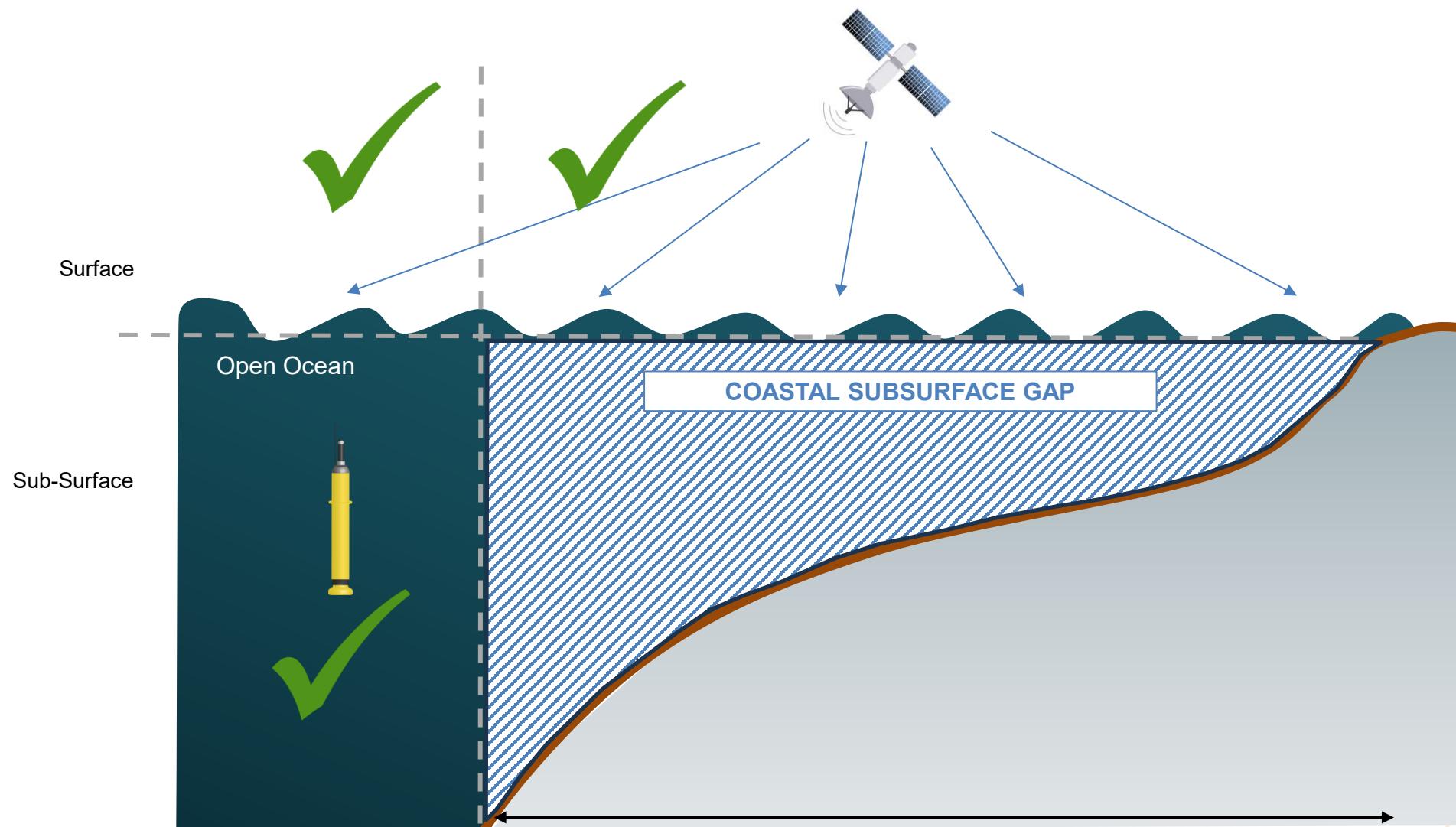
We all need to work together!





OBSERVING GAPS IN THE COASTAL OCEAN

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Coastal data has
largest impacts on:

PUBLIC SAFETY

ECONOMY

ECOSYSTEMS





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THE FVON APPROACH

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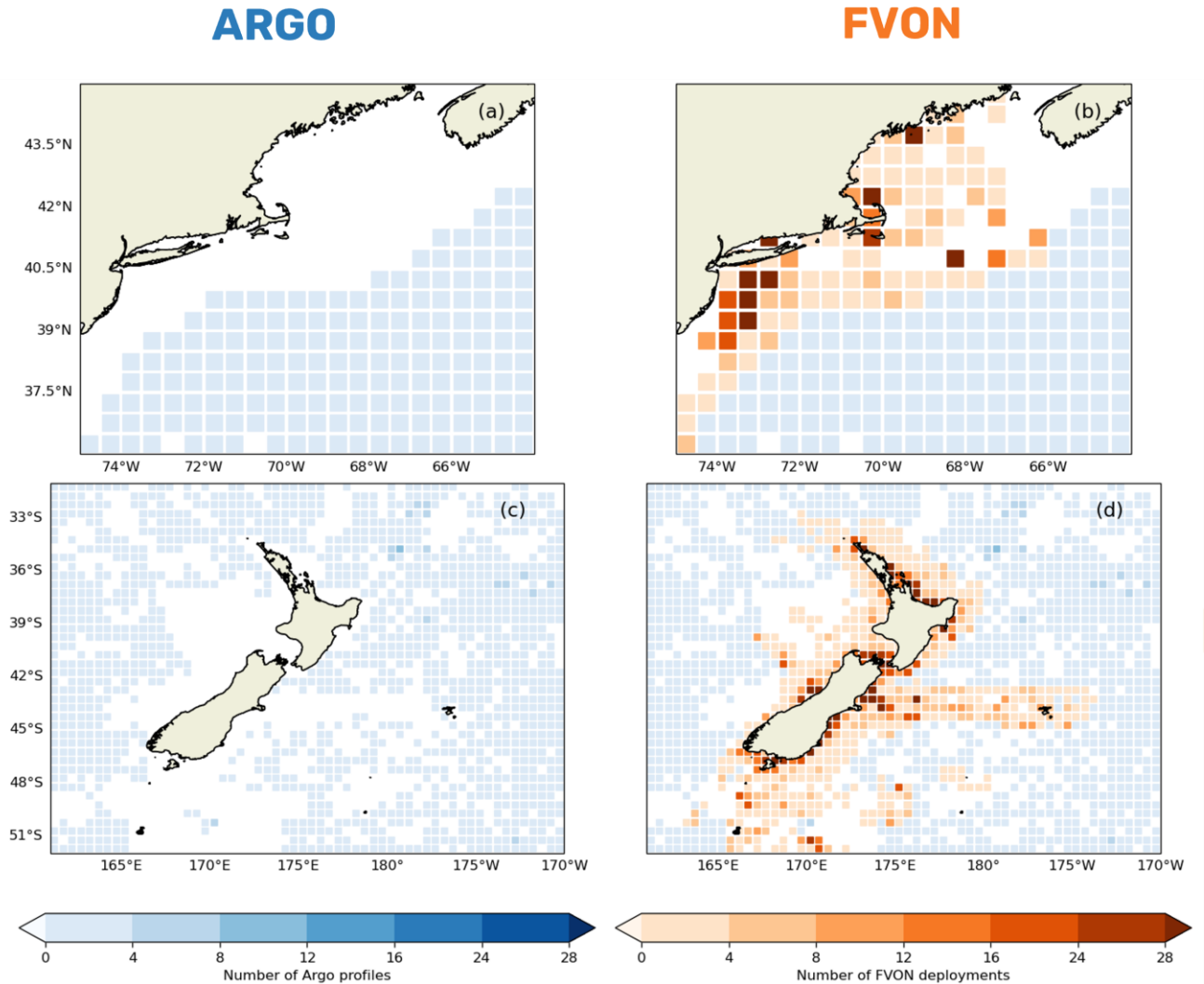


OBSERVING GAPS IN THE COASTAL OCEAN

Today, we are blind in
biodiversity hotspots

Coastal complement to Argo

Ocean features repelling
autonomous systems attract fish





EQUITABLE OCEAN OBSERVING

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INCLUSIVE: empowers fishers to be part of the solution

ACCESSIBLE: affordable for lower-income countries

Largest costs of ocean data:

- 1) Platform
- 2) Deployment



[Ghana video link](#)



COOPERATIVE RESEARCH

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Oceanographic monitoring: a gateway to hands-on biodiversity monitoring

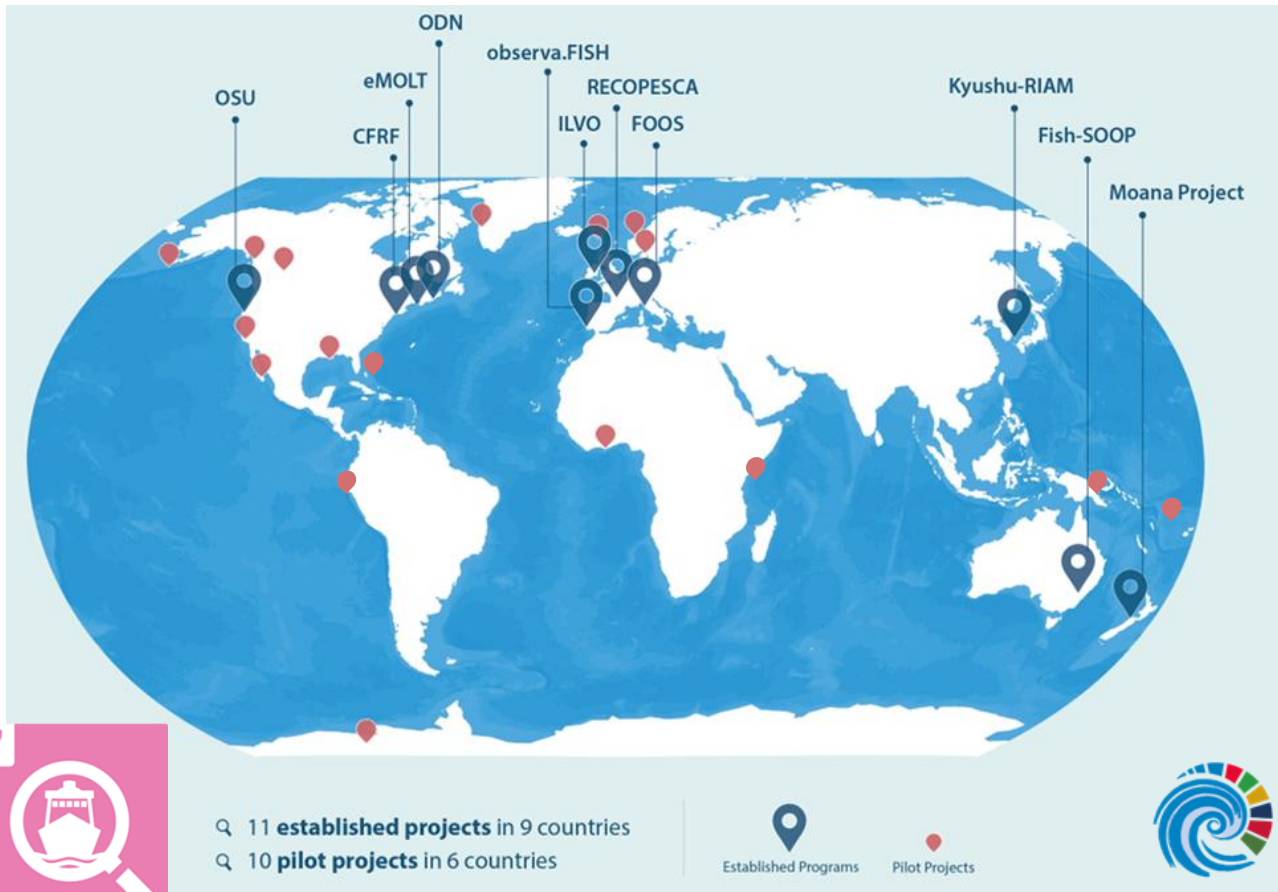
Temperature and industry catch sampling now used in lobster and black tilefish stock assessments





A NEW PARADIGM

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EXPAND THE
GLOBAL OCEAN
OBSERVING SYSTEM



2021
2030 United Nations Decade
of Ocean Science
for Sustainable Development

Official GOOS emerging network

Financially sustainable and scalable:

- 10,000 vessels by 2035
- Financial innovation and market shaping
- Win-wins for industry





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THANK YOU.



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2021
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