



Unlocking industry owned ocean data for the science we need and the ocean we want

Learnings, use cases and benefits



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2021 Décennie des Nations Unies
pour les sciences océaniques
2030 au service du développement durable



LOUIS DEMARGNE

Data & Knowledge Management Officer
Decade Coordination Unit
IOC-UNESCO

Ocean Decade Overview

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Ocean Image Bank / Amanda Cotton

Vision: the science we need for the ocean we want

Implementation Plan

14 LIFE BELOW WATER



The United Nations
Decade of Ocean Science
for Sustainable Development
(2021-2030)





2021
2030 United Nations Decade
of Ocean Science
for Sustainable Development

THE OCEAN DECADE

in a snapshot

As of February 2024

ENDORSED OCEAN DECADE ACTIONS

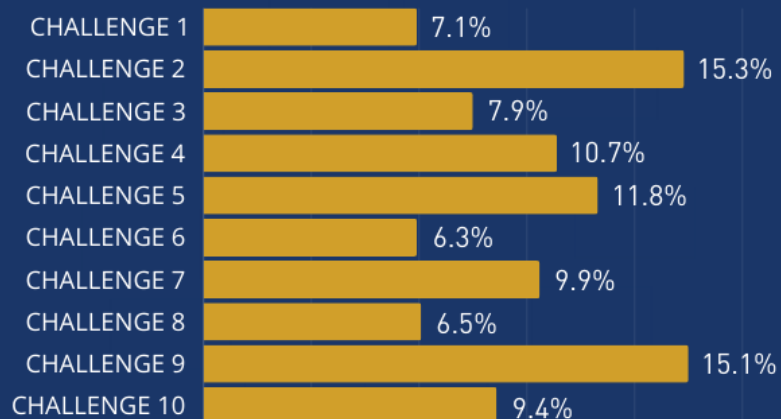


51 PROGRAMMES **96** CONTRIBUTIONS
330 PROJECTS **656** ACTIVITIES



DECADE ACTIONS LED
BY PARTNERS FROM **63** COUNTRIES

ENDORSED ACTIONS PER CHALLENGE



REGIONAL AND NATIONAL COORDINATION

12
DECADE
COLLABORATIVE
CENTRES/
COORDINATION
OFFICES

16
DECADE
IMPLEMENTING
PARTNERS



38
NATIONAL
DECADE
COMMITTEES

6
REGIONAL
TASKFORCES
AND PROGRAMMES

OCEANDECADE.ORG

@UNOceanDecade

@un-ocean-decade

ENGAGEMENT AND OUTREACH

7 INFORMAL
WORKING GROUPS

11 PATRONS AND
19 INSTITUTIONAL
MEMBERS OF
THE OCEAN
DECADE
ALLIANCE



OVER **20**
MEMBERS
OF THE
FOUNDATIONS
DIALOGUE



7,900
MEMBERS
FROM **173** COUNTRIES
ON THE OCEAN DECADE
NETWORK



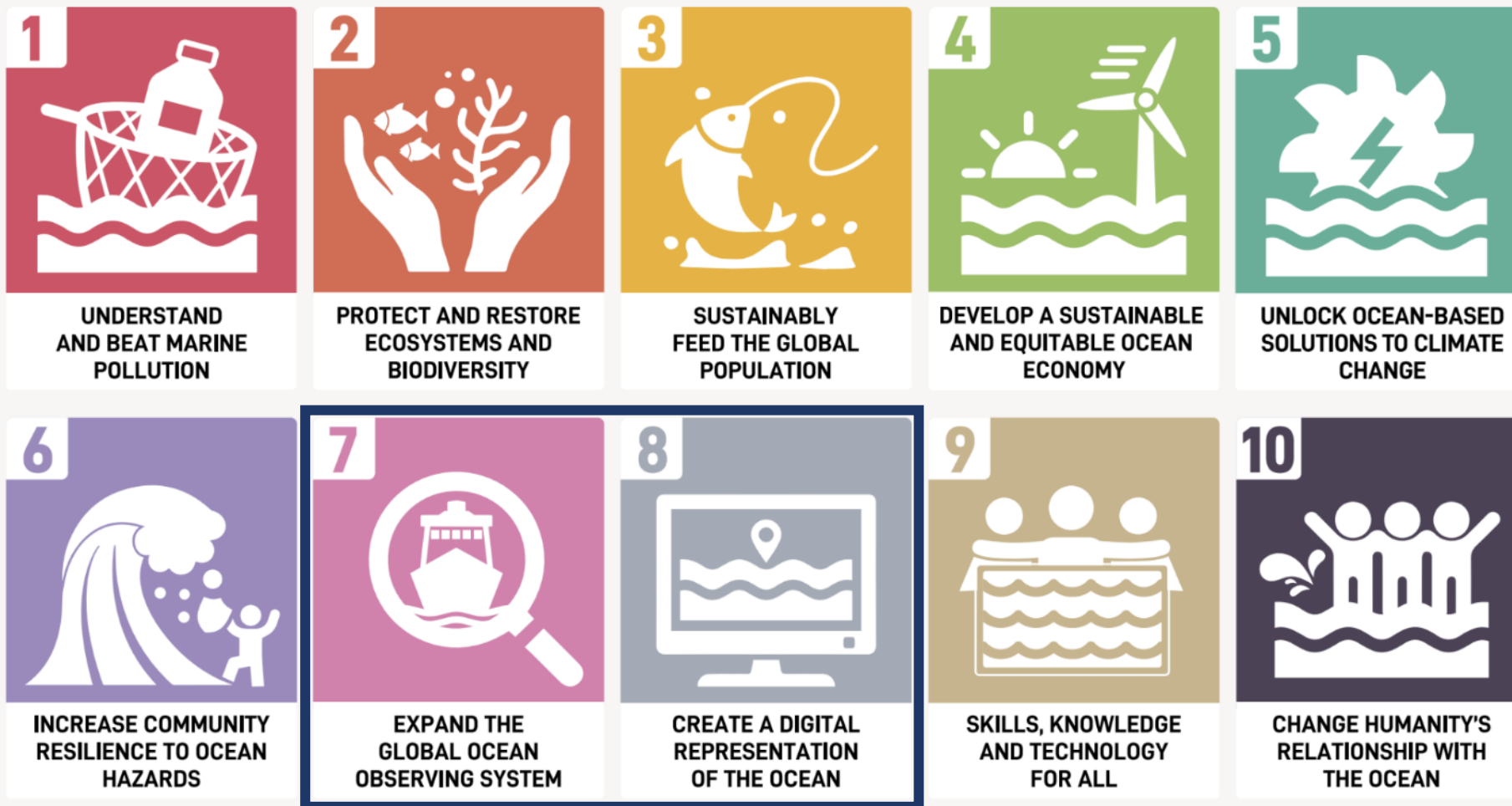
1.5+ MILLION
REACH



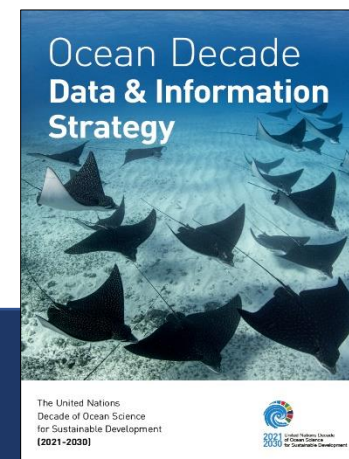
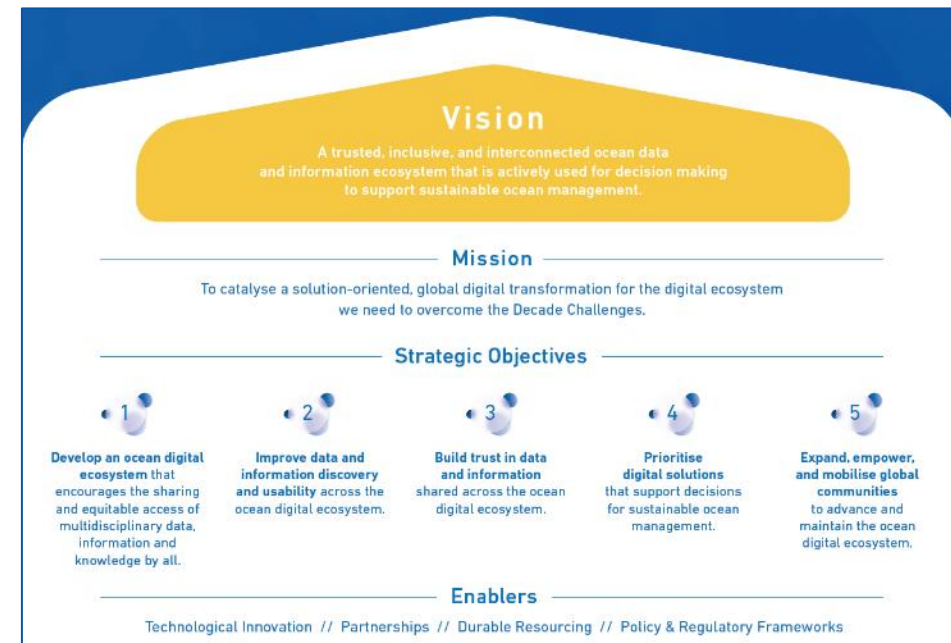
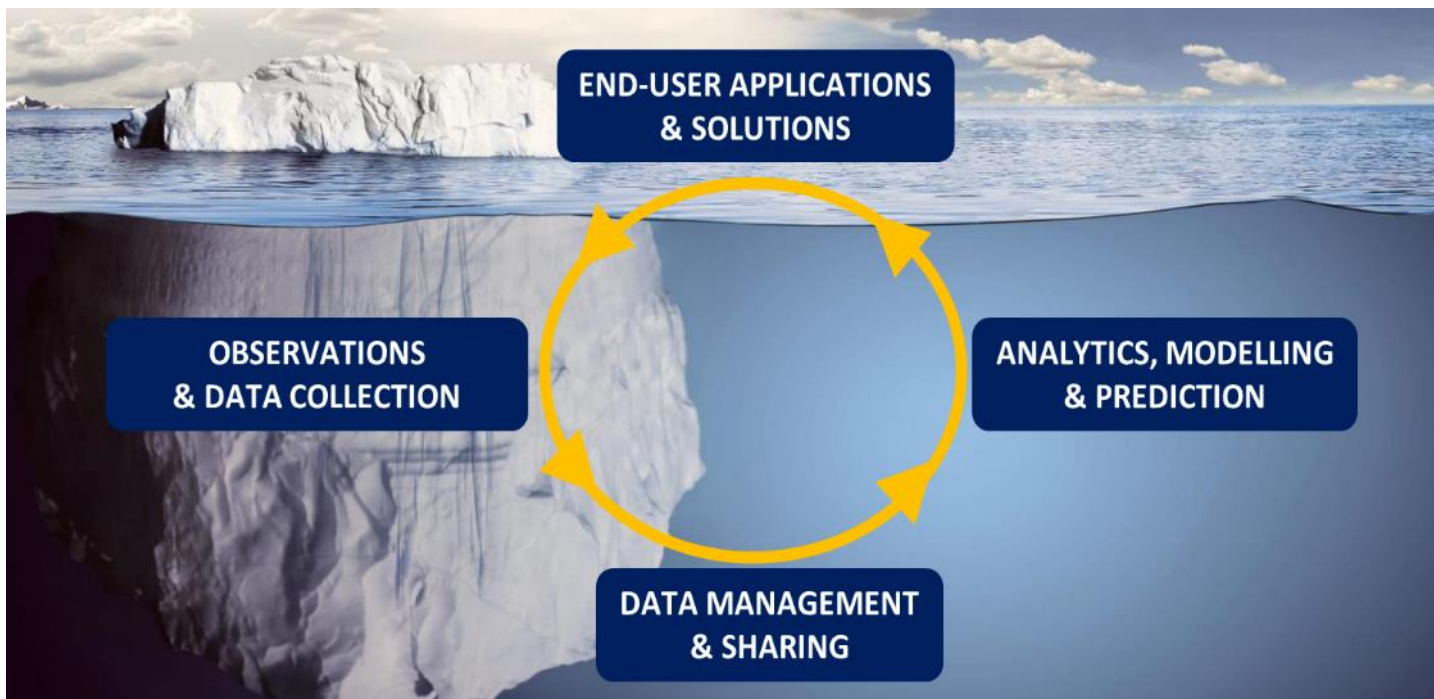
CoastPredict

with The Global Ocean Observing System

Data and Information are cornerstones of the Decade's success



Towards a globally distributed, interconnected ocean data and information system



Download here:



The Corporate Data Group

Industry ocean data sharing use cases & benefits

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Corporate Data Group

Unlocking privately held ocean data for science and sustainable ocean management



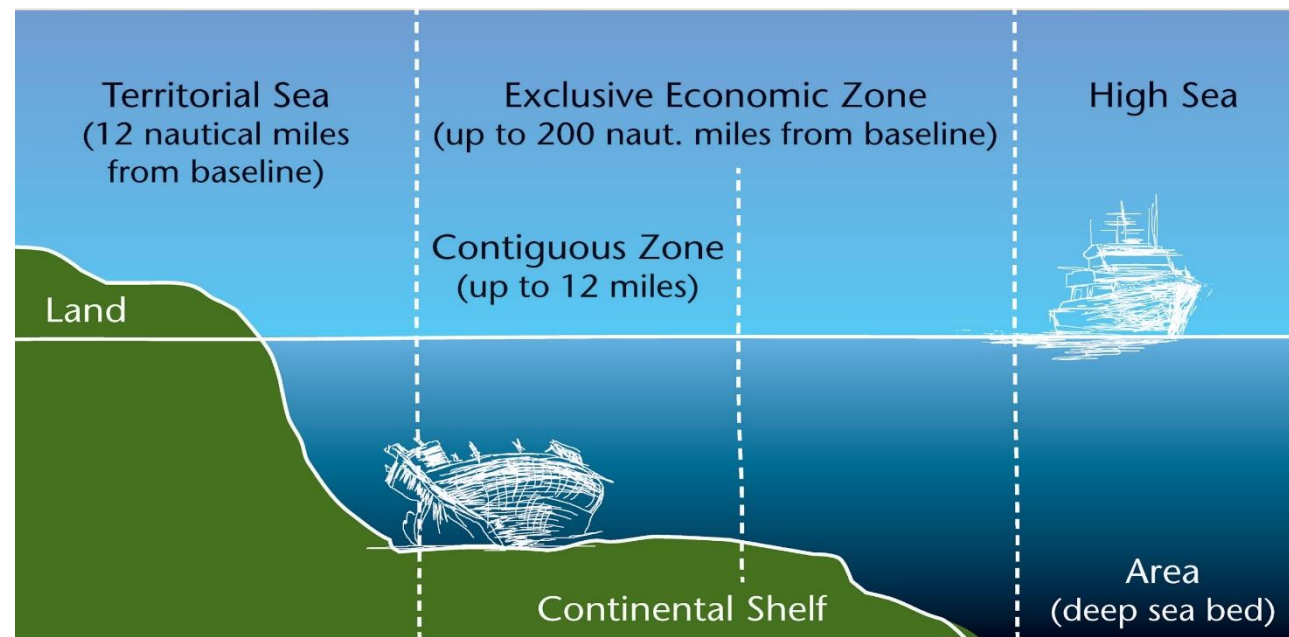
- Develop strategies to provide public access to privately held ocean data
- Engage with Ocean Decade stakeholders and actions
- Actively promote the Ocean Decade and seek collaborations

We are looking for additional members!

Learnings

Potential obstacles to sharing data

1. Data ownership not clear
2. Commercial sensitivity
3. Potential liability
4. Technical limitations
5. Lack of incentive / resources required



Work on use cases: Bathymetry / Biodiversity data / MetOcean data

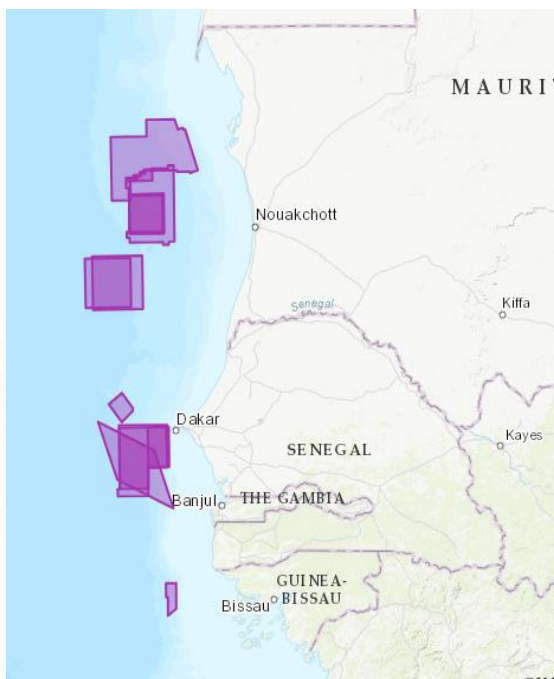
Bathymetry data use case

Why is this important?

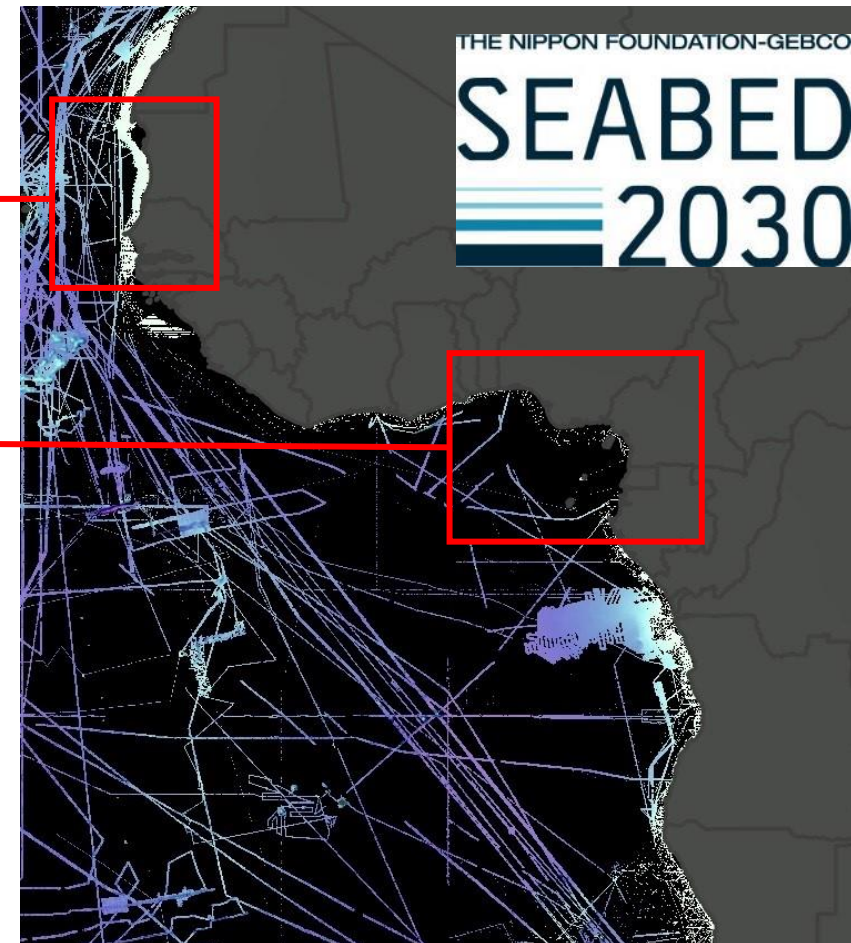
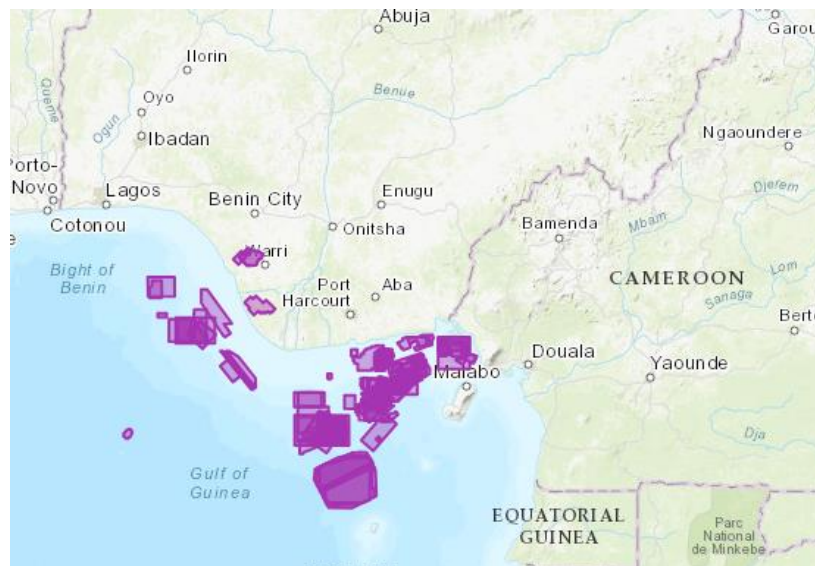
- Establish safer and more efficient shipping routes
- Identify and sustainably manage valuable resources
- Monitor and preserve vulnerable marine habitats and ecosystems.
- Better understand natural hazards for better disaster preparedness and response.
- Support industry operations through:
 - more efficient planning
 - Improved ocean modelling and forecasting
- Existing programme and process – GEBCO Seabed 2030



Contribute to the Nippon Foundation/GEBCO Seabed 2030 programme

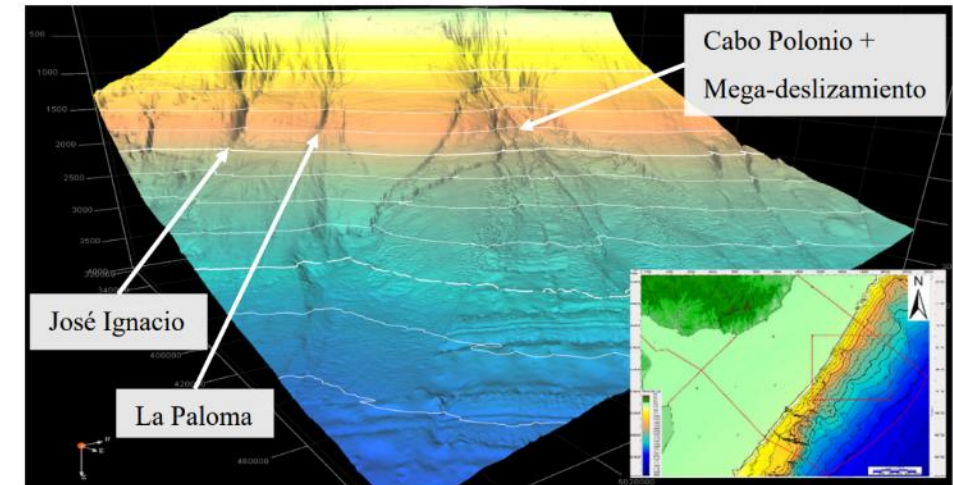
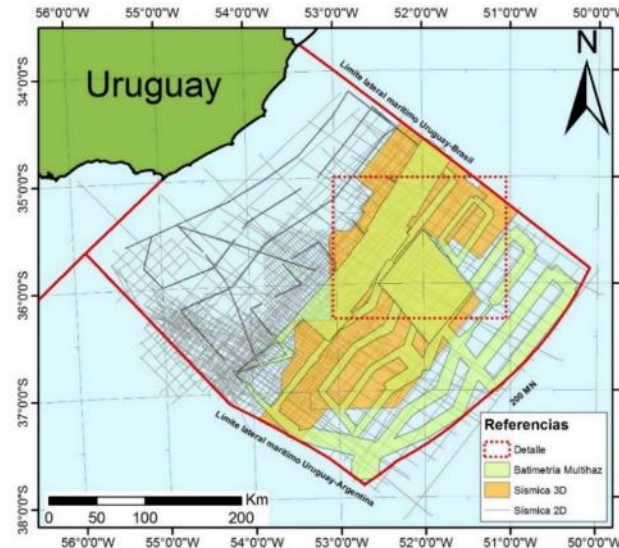


3D seismic data
coverage of one
company



Bathymetry data use case Success story - Uruguay

- ANCAP own 3D seismic data collected in their EEZ
- Bathymetry data extracted - made publicly available (250m grid)
- Now connected with GEBCO Seabed 2030



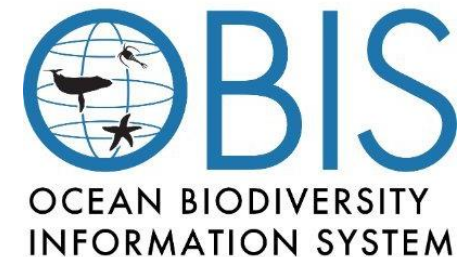
Biodiversity use case Sharing Marine Mammal Observations (MMO)

Drivers and benefits

- Strengthen existing datasets, boost science
- Investor requirements
- Operational and business benefits
- 60+ companies already sharing their biodiversity data



Michele Roux / Ocean Image Bank



How can you contribute...and what's in for you?



- Identify, locate ocean datasets your company collects – determine which ones you are willing to share
- Make use of UNESCO resources for guidance and technical support on data management and sharing
- Help change the culture towards open and timely data sharing!
- Private industry will gain both operational and reputational benefits.



<https://oceandatasharing-dco.org/>

Thank you !

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Ocean Image Bank / Kaveesha Madhubhashana