

European Pavilion  
**Digital  
Ocean**

**Nice | France**  
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# Regional Services as a Building Blocks of Ocean Data Sharing

Decade Coordination office for ocean  
data sharing and European Marine  
Observation and Data network  
(EMODnet)

12/06/2025

**Inspire**

the EU and the Marine Observing, Data  
Infrastructures and Services



# Regional Services as a Building Blocks of Ocean Data Sharing



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Giorgetti (OGS)



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Arianna Liconti  
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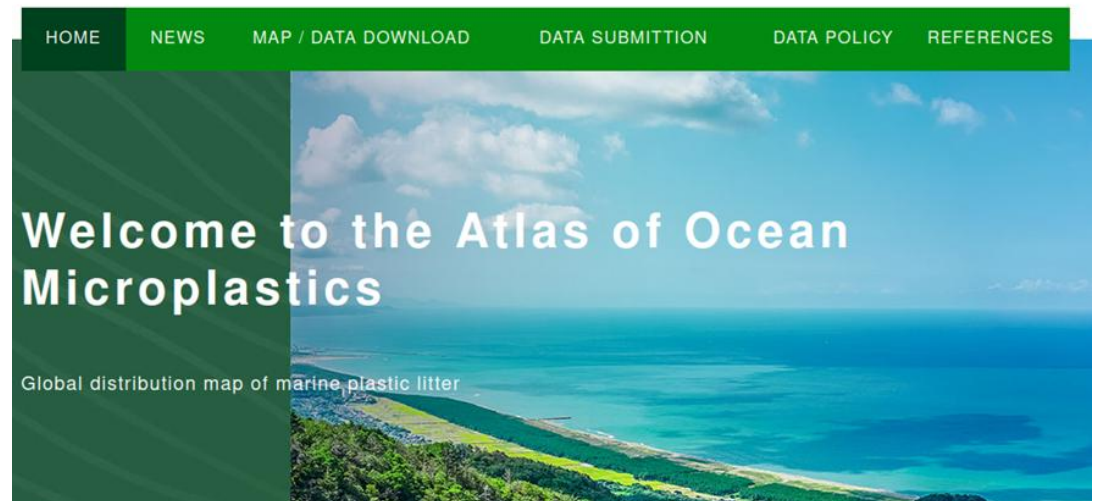
Benoit Pirene,  
(Ocean Networks  
Canada)

# EMODnet: the European system in connection with Global systems

## Examples of win-win interaction



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**unesco**

Intergovernmental  
Oceanographic  
Commission

 eosC

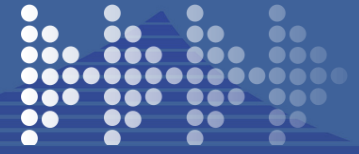
Blue-Cloud2026



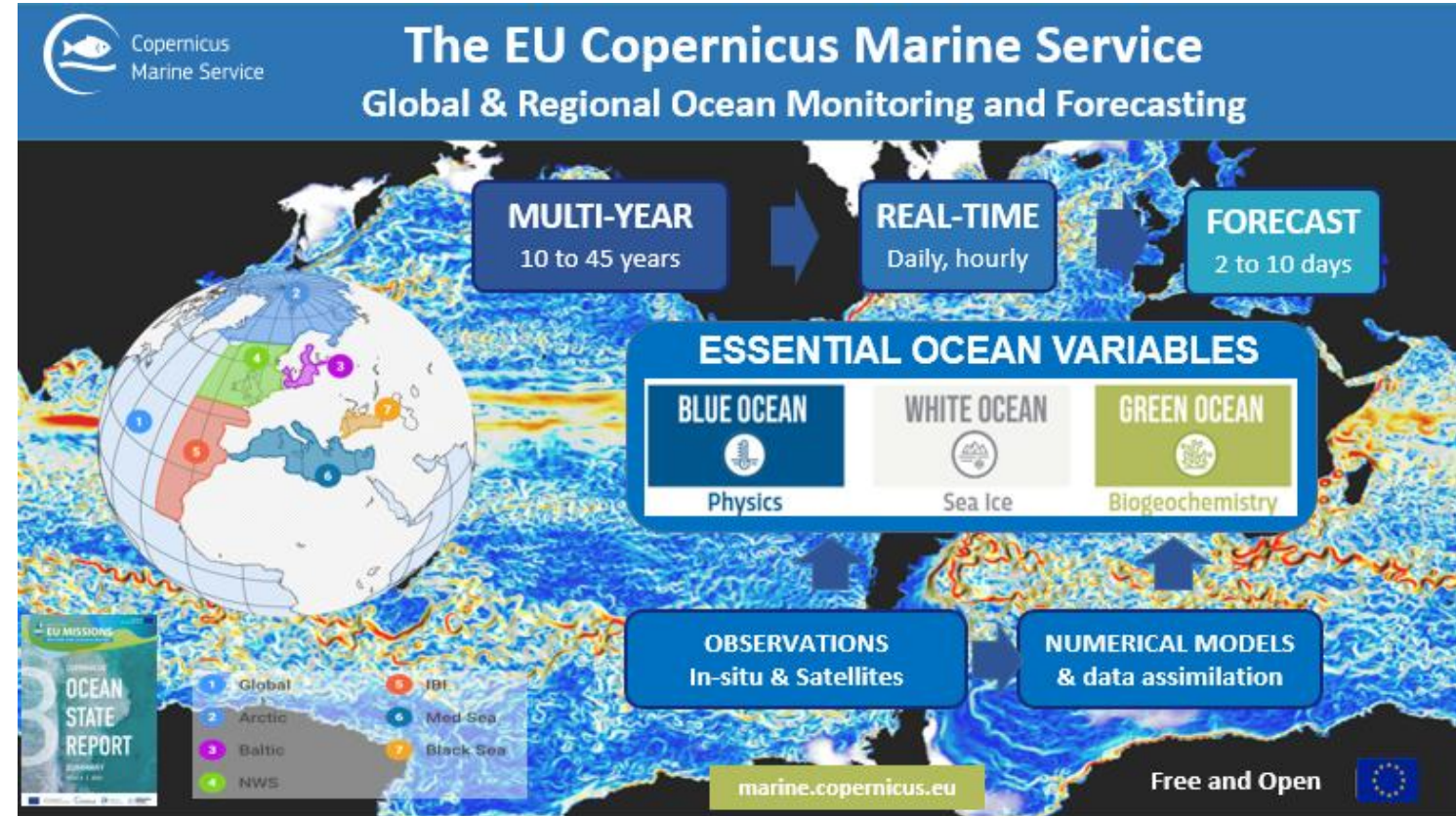


# Inspire

the EU and the Marine Observing, Data Infrastructures and Services



- ✓ An user and policy driven service
- ✓ Supporting all sectors of the blue economy. > 100,000 registered users
- ✓ Satellite, in-situ observations, models: past, present, future
- ✓ Cooperation with EMODnet
- ✓ Main building block with EMODnet of the EU DTO



PROGRAMME OF  
THE EUROPEAN UNION



Implemented by

## GLOBAL AND REGIONAL DATA SHARING

The Ocean Decade: a federative approach, connecting existing global and regional data networks.

- Boost data use by making sure data sets are connected and interoperable to allow collaboration across many systems.
- Engaging the private sector to unlock, share and integrate corporate ocean data sets.

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The poster features a vibrant underwater scene with a large, healthy coral reef in the foreground, transitioning into a deep blue background with faint, glowing digital network lines. At the top left, the UNESCO logo and the 2021-2030 United Nations Decade of Ocean Science for Sustainable Development logo are displayed. The main title, 'Building the Ocean Decade's Digital Ecosystem', is written in large, bold, white sans-serif font. Below it, the subtitle 'A coordinated global strategy for ocean observing, data sharing, and forecasting' is also in white. At the bottom left, a white button with the text 'Join the movement' is followed by the tagline 'Help shape a truly global, inclusive, and interoperable digital ocean.' in a smaller white font. A large QR code is positioned in the bottom right corner.

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2021  
2030 United Nations Decade  
of Ocean Science  
for Sustainable Development

# Building the Ocean Decade's Digital Ecosystem

A coordinated global strategy for ocean observing,  
data sharing, and forecasting

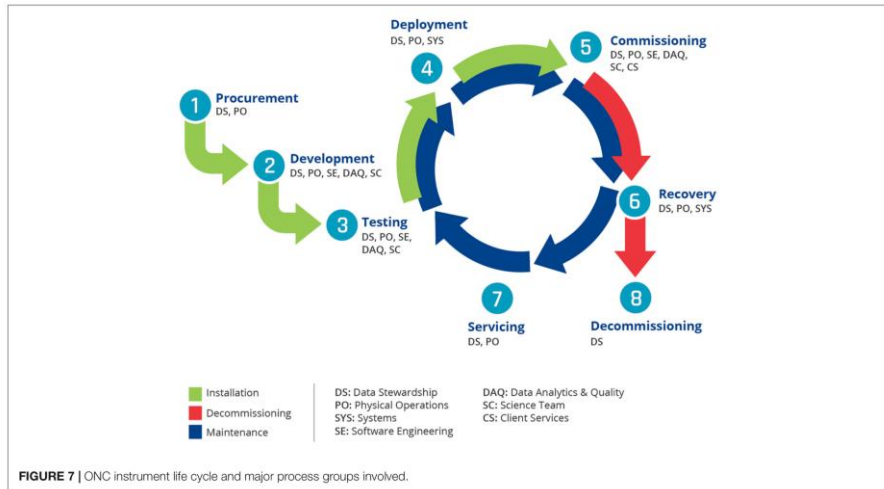
Join the movement Help shape a truly global, inclusive, and interoperable digital ocean.





# OCEAN NETWORKS CANADA — DATA IS OUR PRODUCT

- *Data Sharing is domain-specific*
- *FAIR requires absolutely accurate metadata*

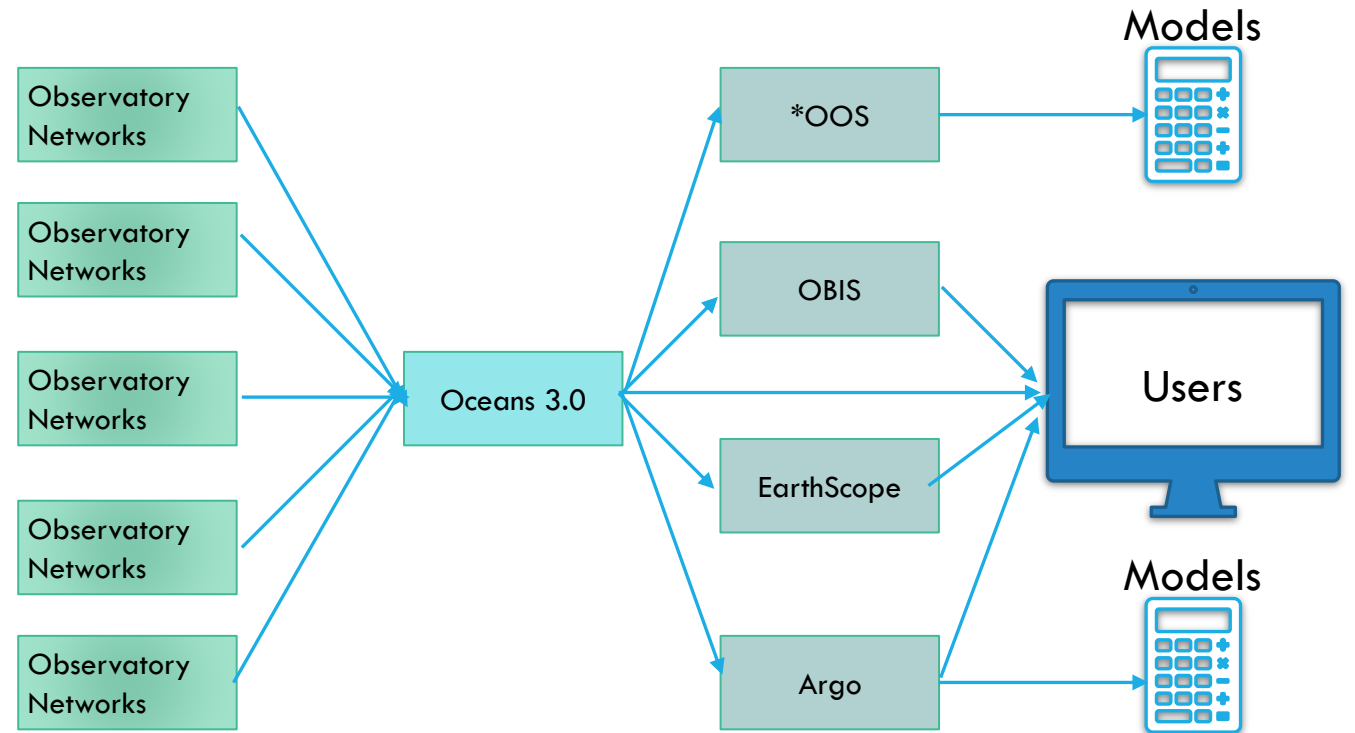


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**OCEAN  
NETWORKS  
CANADA**

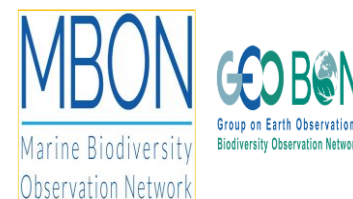
## Ocean Data Sharing is Domain-Specific



## BIODIVERSITY DATA

- *Very diverse sources of data – need validation and integration*
- *Challenges for sharing: personal effort and legal restrictions*
- *Need coordination and cooperation from national to regional to global: with the ocean observing community and the biodiversity community*

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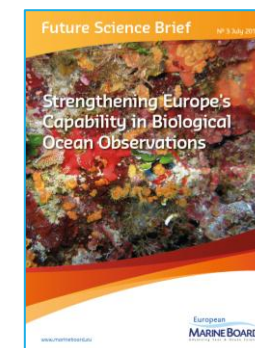
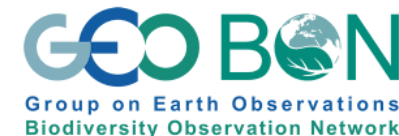


*Thank you*



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Frank Muller-Karger  
Isabel Sousa-Pinto  
Massa Nakaoka



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