ENDORSED BY THE UN DECADE
OBON PROGRAM

Genomic Observatory for Marine Biodiversity

EMO BON

EUROPEAN MARINE OMICS BIODIVERSITY NETWORK

Monitors biodiversity using **eDNA** techniques

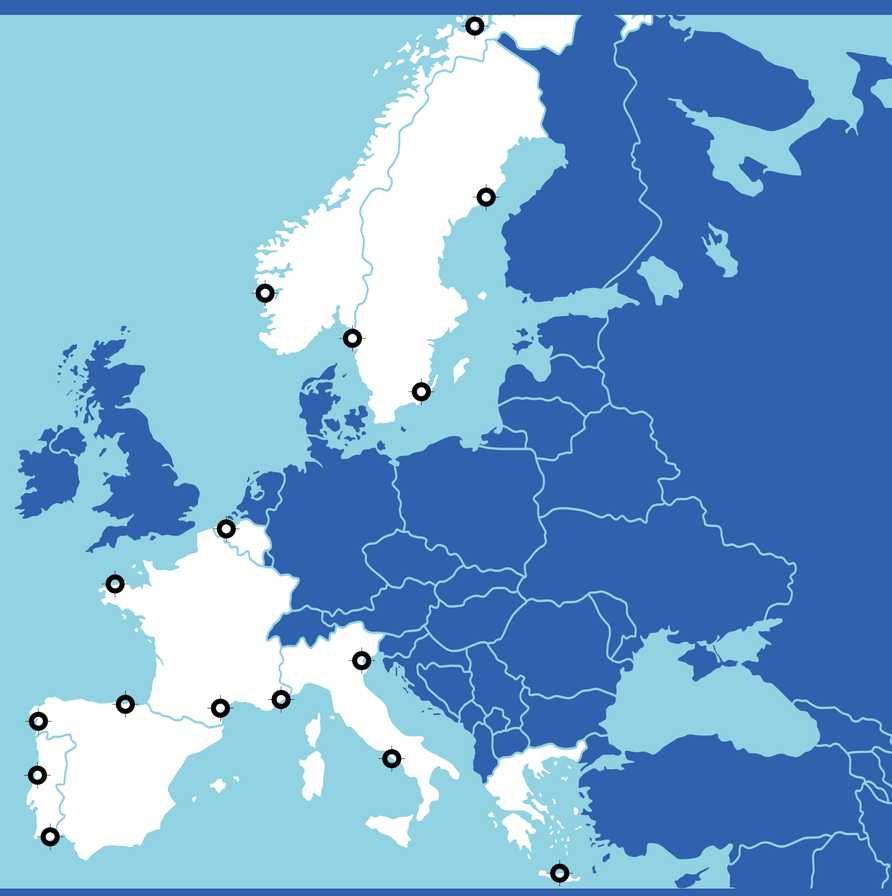
Collects information on **biodiversity health**

Enhances global **ocean observation** and **monitoring**

European network

16
marine sites
from the Arctic to the Red Sea

8
participating **countries**



Supporting Open Science principles

Open data

EMO BON's data is **accessible, exploitable,** and **shared openly**.

It supports:

- Transparency through reproducible analysis
- Better outreach through data integration in EU projects
- Discovery advancements through data reuse
- Reusability through clear metadata

Open source

EMO BON uses **common data formats** and **standardized data practices** to guarantee **interoperability**.

It accelerates:

- Reproducible analysis
- Synthesis through data tool sharing
- Quality control of data

Open access

EMO BON indexes and **openly provides searchable data** with **clear terms of use.**

It aims to store data in international repositories for:

- Promoting cross-border sharing of international standards and data
- Encouraging global collaboration

Open methods

EMO BON follows **standardised and harmonised data processes** by giving **unrestricted access to protocols, analytical and data management systems**.

Specifically it provides:

- Best practices for protocols and metadata collection
- A data analysis tool for users

International repositories

EMODnet European Marine Observation and Data Network · ENA European Nucleotide Archive · GBIF Global Biodiversity Information Facility · OBIS Ocean Biodiversity Information System

FAIR DATA

EMO BON participates in giving marine biodiversity research a longer lifetime

Findable Accessible Interoperable Reusable

Driving societal and political Impacts

Research Advancement:
Cutting-edge marine science

Industry Innovation:
Sustainable blue economy

Policy Impact:
Science-based marine policies

EU PROJECTS

EOSC Future
EOSC-Life
FAIR EASE
Blue-Cloud 2026
BlueRemediomics
ANERIS
DTO-BioFlow
DOORS