

EMODnet - European Marine Observation and Data Network - **Physics**

Knowledge base for growth and innovation in ocean economy: assembly and dissemination of marine data for seabed mapping MARE/2012/10 - Lot 6 Physics [SI2.656795]





What is EMODnet?

• A network of people and technology that work together to compile and distribute data, metadata and products on European coastal and ocean waters

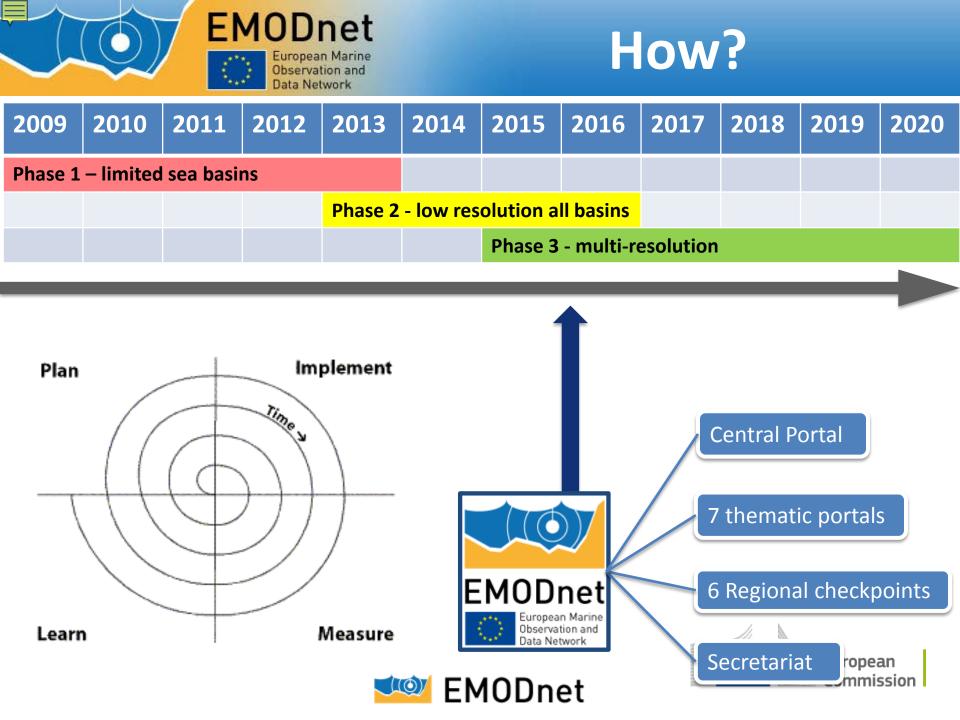
Provide access to data

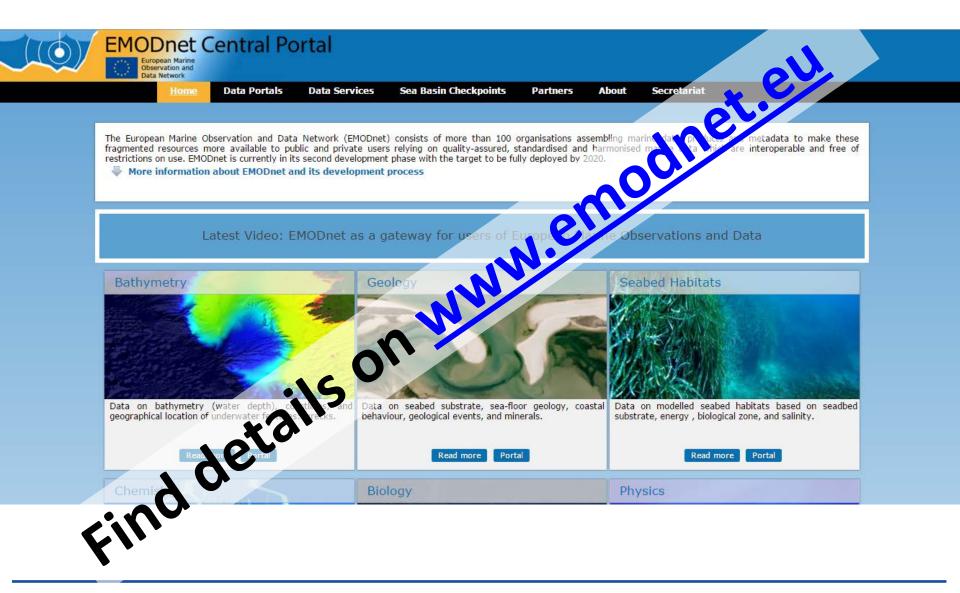
- (i) easily accessible,
- (ii) free of restrictions on use and
- (iii) Interoperable

→ Collected stored & managed by MS and/or regional aggregators

Create data products of common interest

 $\rightarrow\,$ Developed, stored and made available by EMODnet



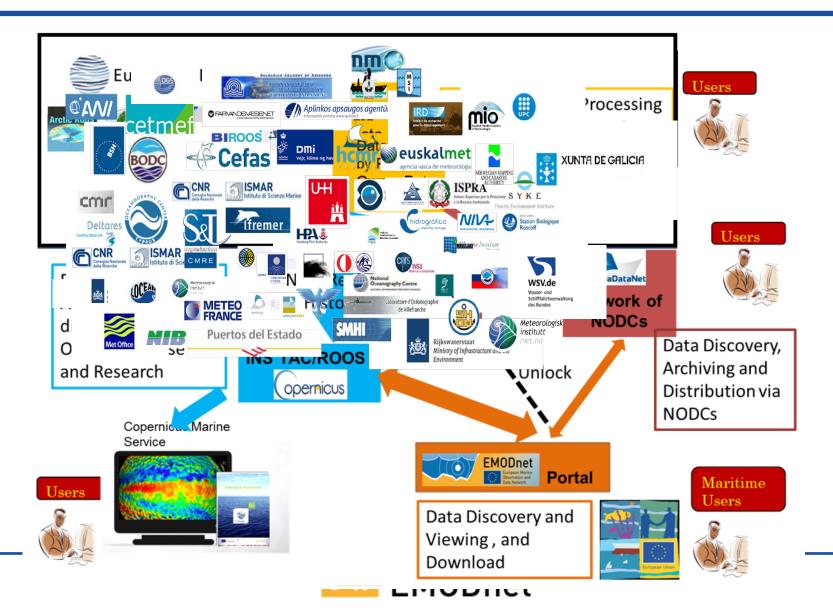


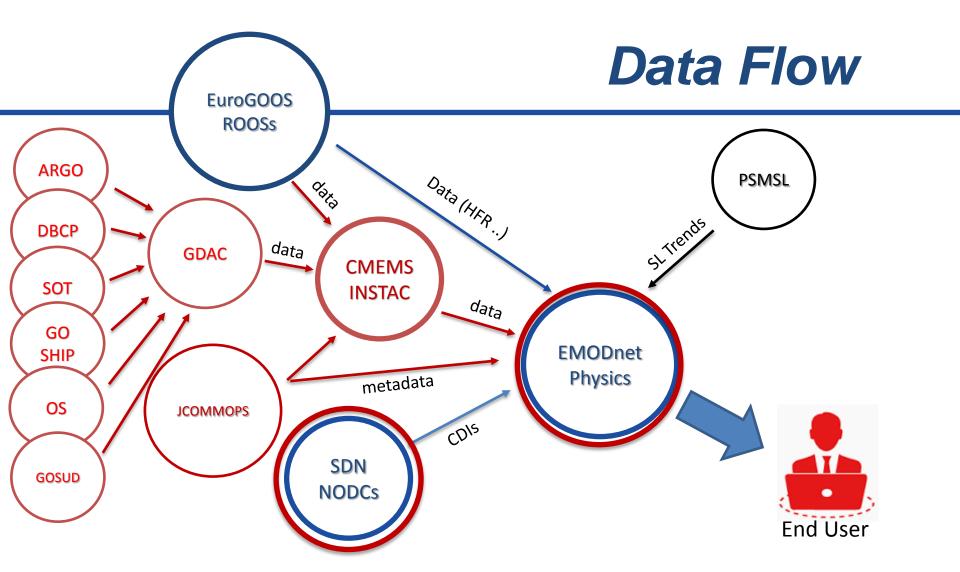


EMODnet Physics objectives and commitments:

- Provides a single point of free and open access to marine real-time and archived data on physical conditions of all European Seas as monitored by fixed platforms, ferry boxes, ARGO, gliders, mammals, HF Radars,....
- Make available monthly averages, sea level trends, ice info, etc.
- Attract and provide access to any relevant user
- Facilitate down- and up-stream integration and interoperability (WMS, WFS, WebService, etc)
- Attract new data, new data providers, new platforms
- Collects data in a number of formats, makes available in one common format
- Built in cooperation and coordination with EuroGOOS and ROOSs and other existing European integrators infrastructures, CMEMS and SeaDataNet







ROOS: Regional Oceanographic Operational Sys.; NODC: National Oceanographic Data Centre; CMEMS: Copernicus Marine Environment Monitoring Service; SDN: SeaDataNet; JCOMMOPS: JCOMM in situ Observing Platform Support Centre; GDAC: Global Data Assembly Centre; PSMSL: Permanent Service Mean Sea Level DBCP: Data Buoy Coop. Panel; SOT: Ship Obs. Team; OS: OceanSites;

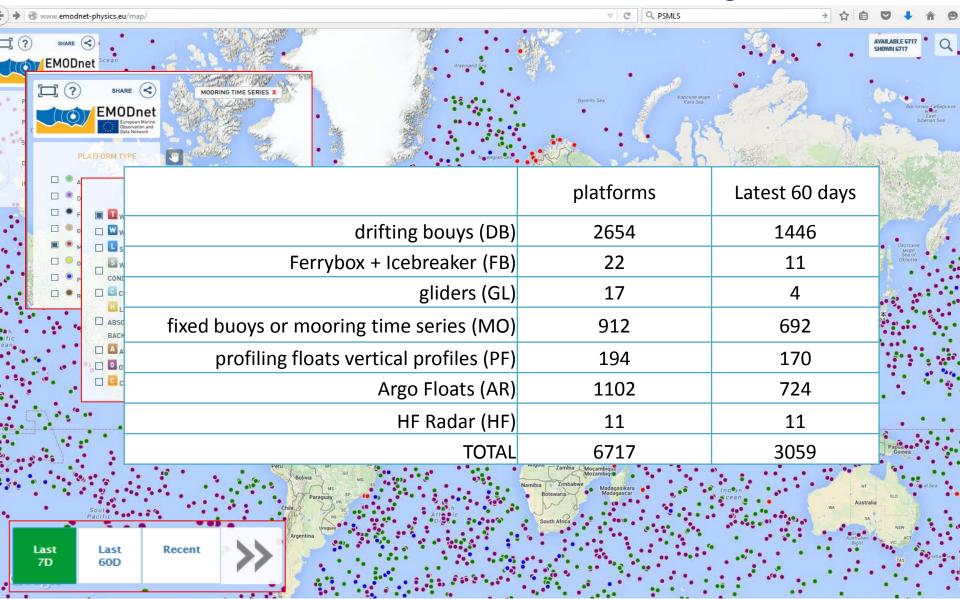


www.emodnet-physics.eu

- Background information
- Discovery interface
- Interoperability Services
- Catalogues
- Contributors

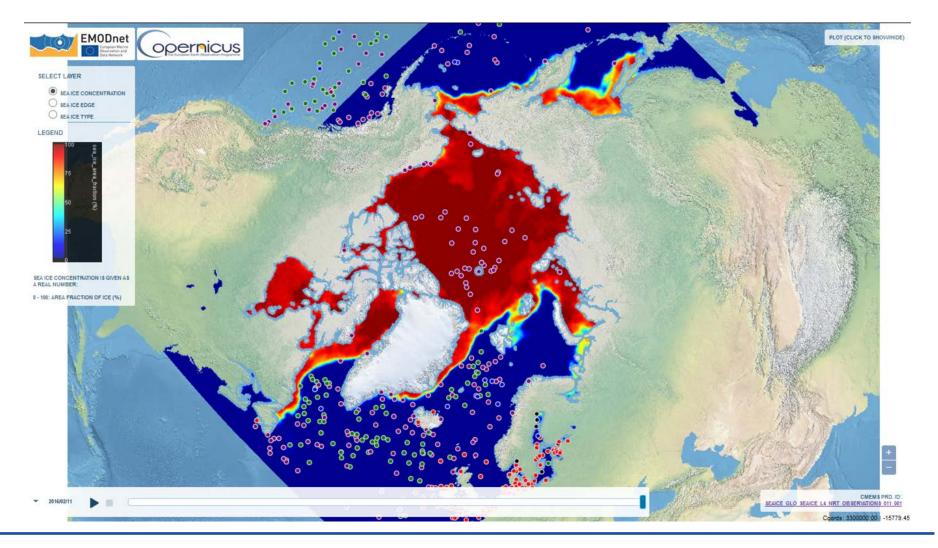






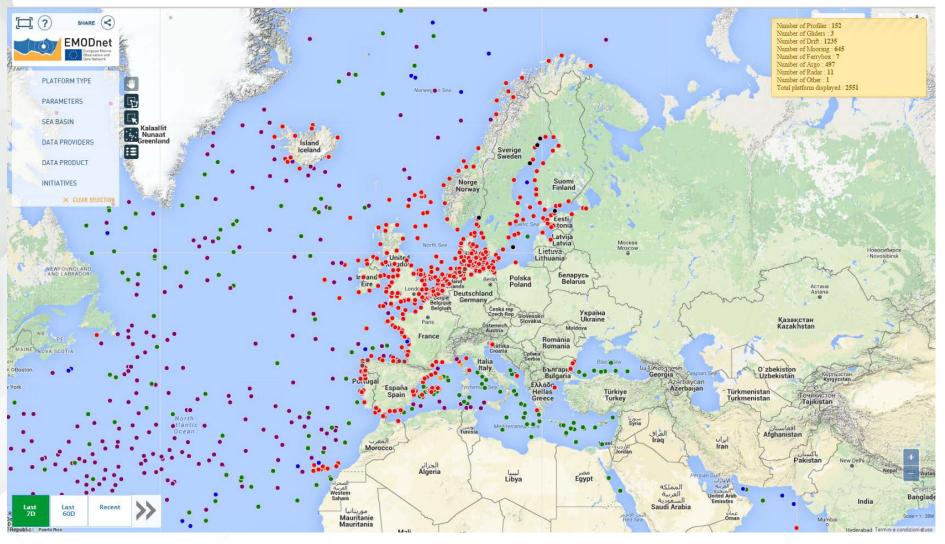
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Unlocking new data, (platforms and number), enabling easy download **EMODnet**

Thank You For Listening patrick.gorringe@eurogoos.eu

