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The Southern Ocean Observing System exists to help weave the ocean observations collected by dozens of nations and scientific disciplines into a fully interoperable system.

National and thematic data centres host data in many formats and for many data types, there are existing data QC, aggregation, and dissemination systems.

SOOS is working with partners, especially EMODnet Physics, to develop tools that bring those datasets into an ecosystem of tools to support interdisciplinary science.



SOOSmap provides well-curated, standardised datasets of key observation types

DueSouth sharing logistics information between nations

Metadata portal text-based search of datasets, mostly held by Antarctic data centres and NASA-related agencies
<https://search.earthdata.nasa.gov/portal/soos/search>

Federated Search SOOS is working with allied data communities to develop federated metadata search for datasets that have not been curated to a standard suitable for inclusion in SOOSmap and similar data portals

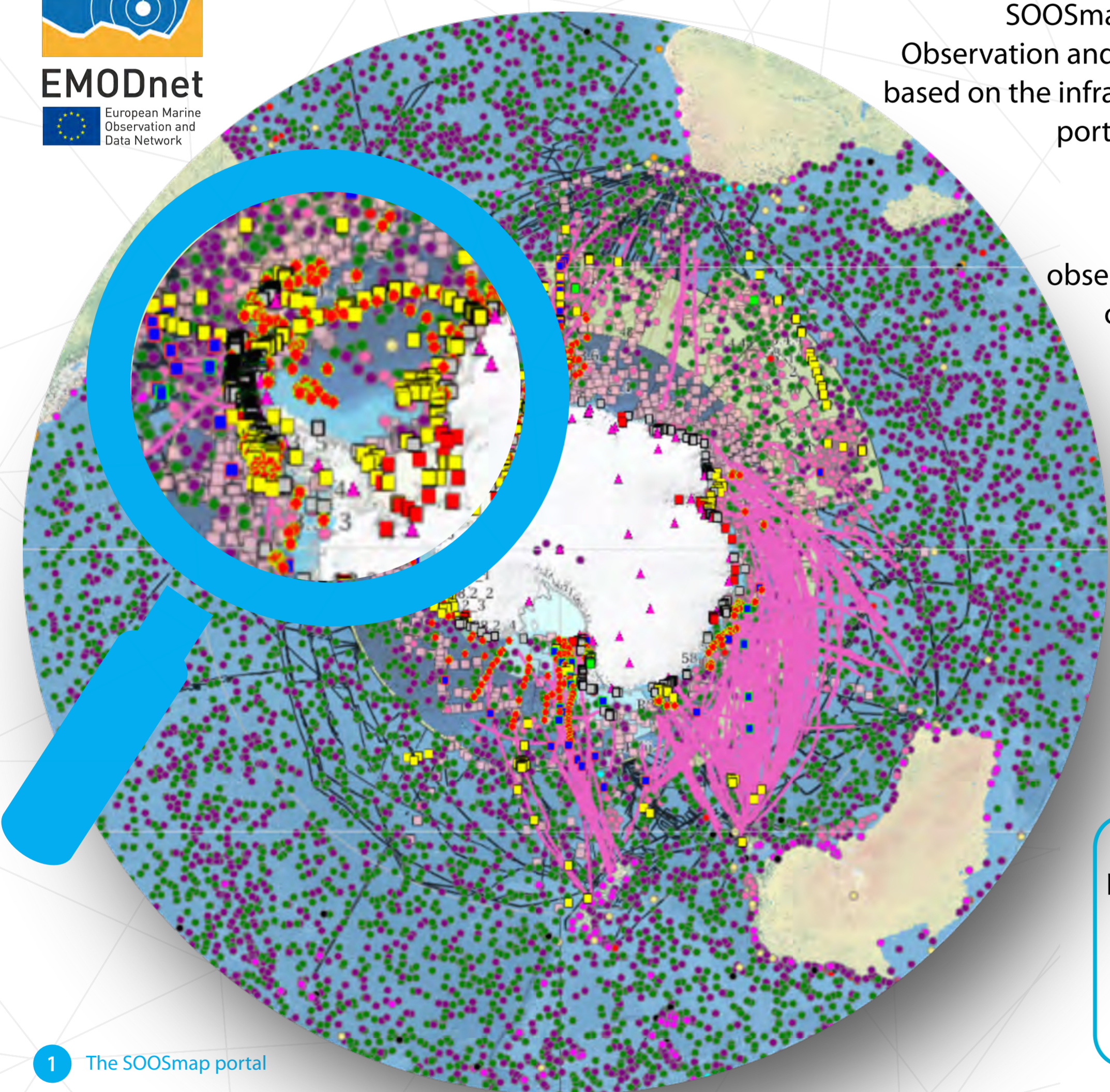
SOOSmap is delivered by European Marine Observation and Data Network (EMODnet Physics), based on the infrastructure for the EMODnet Physics portal and in collaboration with SOOS and allied data centres

It contains curated datasets of key observations from physics, biology, and other environmental sciences with broad interdisciplinary value

SOOSmap is a tangible product that helps tie together SOOS as an organisation and as a vision for the future

The collaboration with SOOS prompts new data sharing relationships between EMODnet and global data providers

- Filter by time, space, observing platform, data type, data provider
- Explore the data in your browser before downloading
- New datasets added regularly



1 The SOOSmap portal

www.soosmap.aq

www.soos.aq/data