



POLARIN

POLAR
RESEARCH
INFRASTRUCTURE
NETWORK

POLAR RESEARCH INFRASTRUCTURE NETWORK

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www.eu-polarin.eu



FUNDED BY THE
EUROPEAN UNION

Funding



15M€ - Horizon Europe



Funded by
the European Union



RI Services



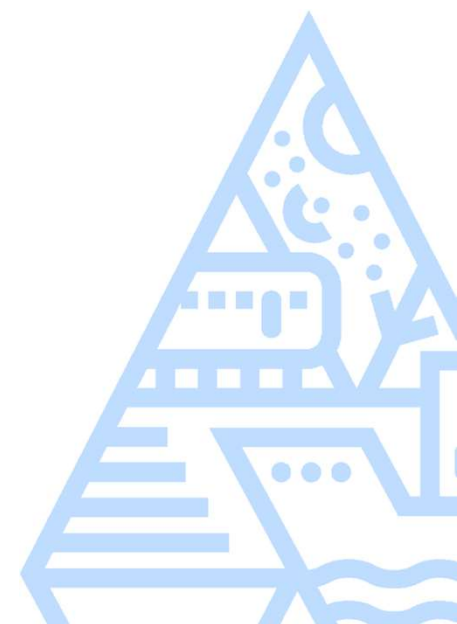
Coordinator: 



54 partners



65 RIs



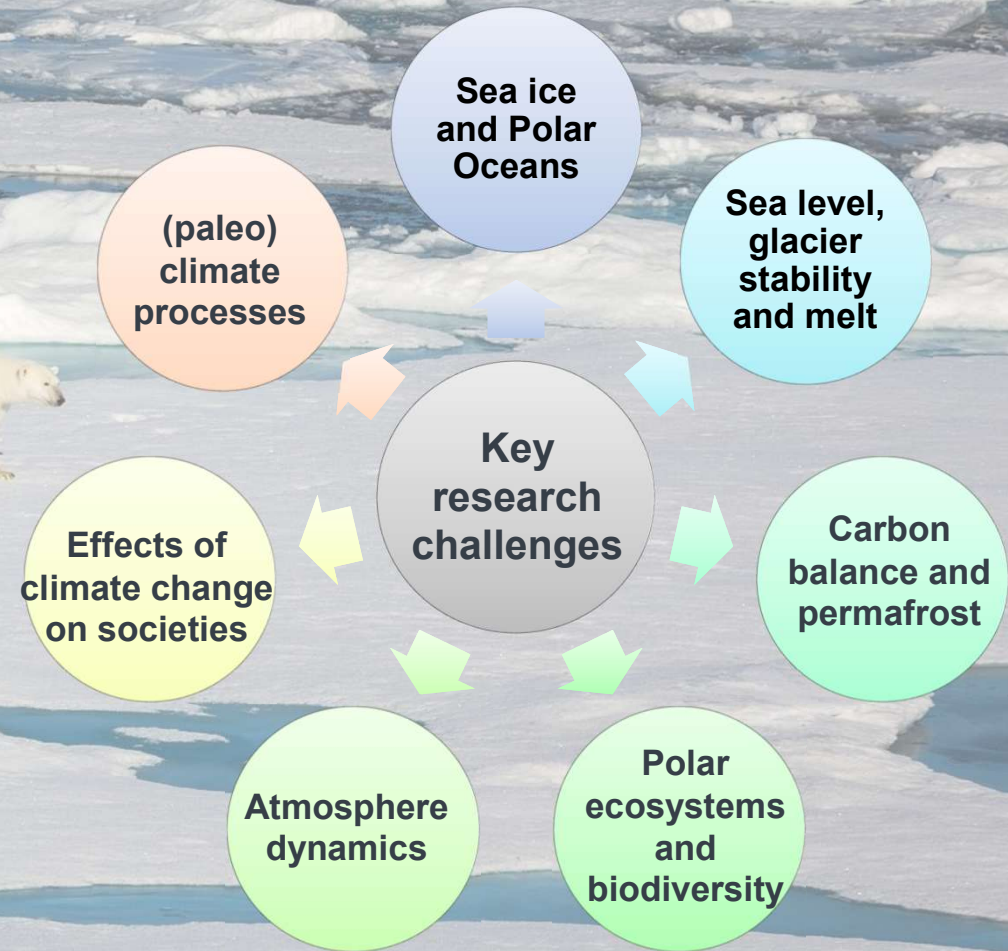
Background



BUILDING ON PREVIOUS ACHIEVEMENTS

Overall aim

To provide **efficient and customised RI services** to address the scientific challenges of the polar regions, including **access to a wide portfolio of complementary and interdisciplinary top level RIs.**



POLARIN project - Objectives



POLARIN
will



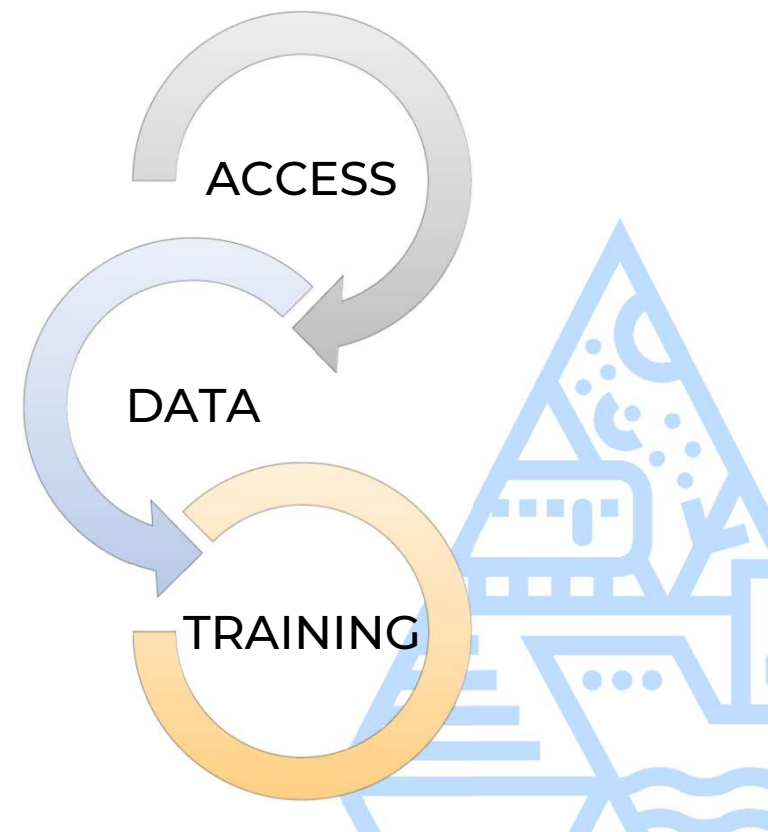
Integrate and combine the
access to Arctic and
Antarctic RI



Improve online services,
data access and
interoperability



Ensure that the new
generations are trained to
exploit the leading edge RIs



POLARIN Research Infrastructure



Access integration to **65** research infrastructures in **both poles**

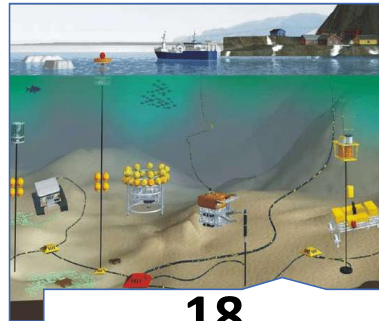
TRANSNATIONAL ACCES



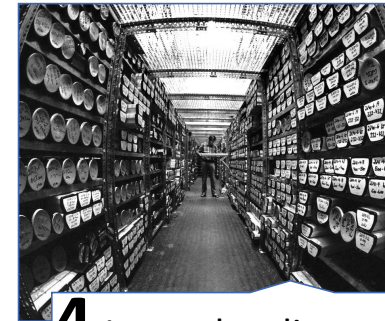
38
Research stations



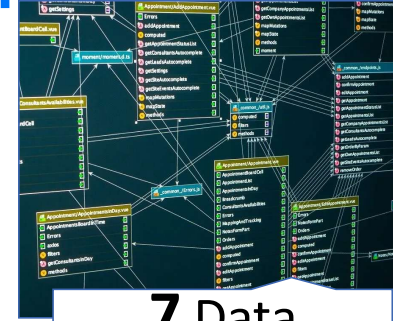
13
Polar vessels



18
Observatories



4 Ice and sediment
core repositories



7 Data
infrastructures

FULLY FUNDED ACCESS TO RESEARCH INFRASTRUCTURES **FOR RESEARCH PROJECTS**
ADDRESSING THE **KEY RESEARCH QUESTIONS** IN THE POLAR REGIONS

POLARIN GIS

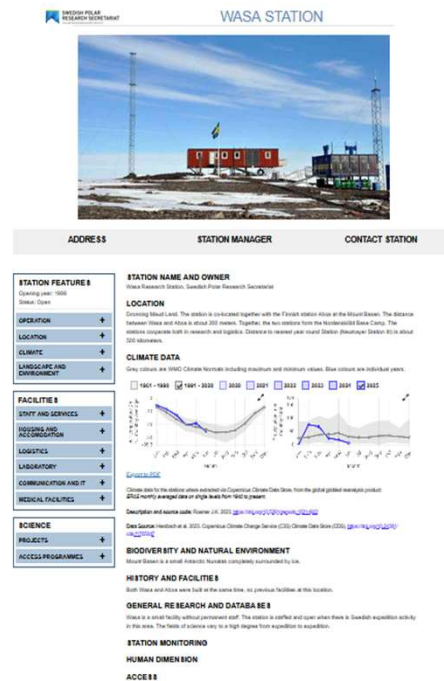
Information about **Arctic and Antarctic POLARIN RIs.**



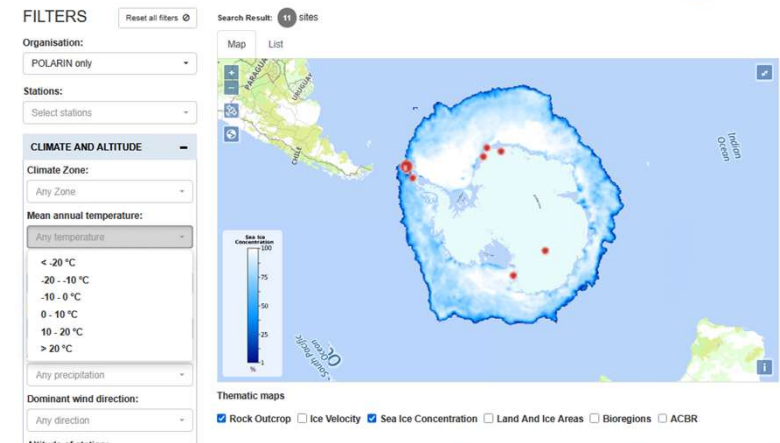
Landing page



RI information



Filtering and thematic maps



Data services and data products



Improving the data landscape and the consumption of data

- **A single-entry portal**
- **VA to metadata, data and data services**
- **Coordinate, harmonise, and optimise** the implementation and integration of data services
- **Create data products** from environmental databases that can be directly used by researchers and decision makers.

Data services and data products



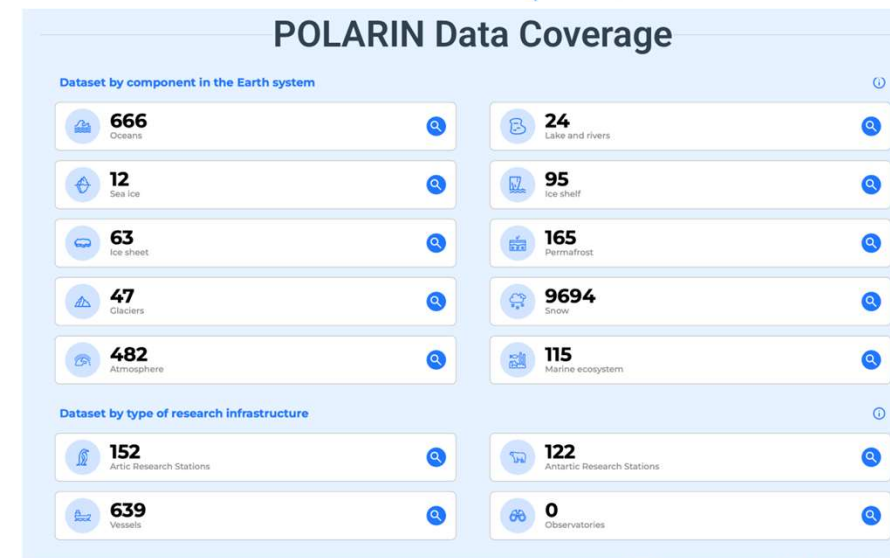
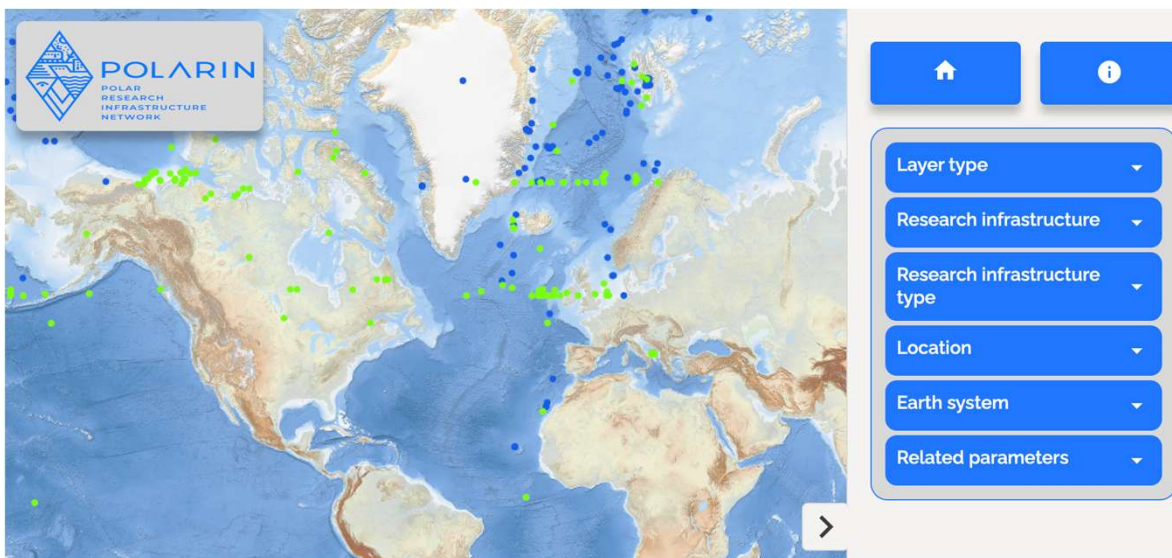
Launched in September 2025

<https://s4polarin.eu/#/>

POLARIN Data HUB provides a single entry point to access to polar datasets, metadata and data services.



POLARIN DATA HUB



POLARIN improves the data landscape and the consumption of data

- **Optimise** the implementation and integration of data services and products.

Over 10000 datasets



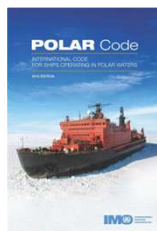
TRAINING Research Infrastructure Users



Training for early career scientists and professionals



Training on data stewardship



Safety training

Polar fieldwork planning webinar for TA users

- webinar supporting TA users in the preparation of their fieldwork
- Talks by POLARIN experts and invited external speakers
- publicly accessible / open to anyone interested

2025

Training webinar (4h) held on **12 May 2025**

2026

Two webinar sessions (2h each) on **9 & 16 April 2025**

POLARIN Training Hub

A collection of training resources for polar research.

POLARIN training resources

Learn how to plan a safe, sustainable and efficient stay at a polar research infrastructure

Research activities in polar regions require specialised knowledge and preparation. Accessing and working at polar research infrastructures often involves complex logistics, challenging environmental conditions, strict regulatory frameworks, and the need to minimise environmental impacts in vulnerable ecosystems.

Planning and conducting safe polar fieldwork

Learn how to keep people and the environment safe during your fieldwork activities in the polar regions through planning and the implementation of safety protocols.

Collaborating meaningfully

Learn how to collaborate with other researchers, Indigenous Peoples, and local communities to advance your research.

Reducing environmental impact

Learn how to reduce your research's environmental impact by using sustainable practices.

Using research infrastructures efficiently

Learn how to use polar research infrastructures efficiently and manage your data to achieve your research goals and increase the societal benefit of your work.

OPPORTUNITIES for ECRs



Access to World-Class Research Infrastructures (TA)

 On-site or remote access to:

- Arctic & Antarctic research stations
- Research vessels & icebreakers
- Observatories
- Ice/sediment core archives

 Hands-on field experience in polar environments.

Virtual Access to Data & Data Products (VA)

 Free online access to:

- Polar data infrastructures
- Observational networks
- Station-based data streams
- Customised data products
- EO calibration/validation information

 Ideal for students, lab-based work.

Training & Capacity Building

 Training opportunities include:

- Research infrastructure use (equipment, methods, planning)
- Data stewardship & FAIR data practices
- Safety training under polar conditions (Polar Code)
- Online seminar series across disciplines

 Build skills needed to succeed as a polar scientist.

Experience in Peer Review & Evaluation (Expert Pool)

 Early-career researchers can:

- Join the POLARIN Expert Pool
- Review transnational access proposals
- Gain experience in evaluation & research assessment
- Understand how competitive polar science is selected

 Professional development rarely offered to ECRs.



Contact Us

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