ALFRED-WEGENER-INSTITUT
HELMHOLTZ-ZENTRUM FÜR POLAR-
UND MEERESFORSCHUNG

POLAr Research Infrastructure Network

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POLARIN: POLAr Research Infrastructure Network

Funded under:

HORIZON-INFRA-2023-SERV-01-01: Research infrastructure services to enable R&I addressing main challenges and EU priorities

Topic: For RI services for sustainable Arctic/polar regions

Coordinator:

March 2024 – February 2029
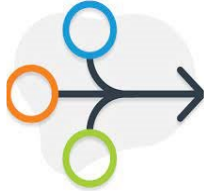
50 partners
Budget: 15M€

POLARIN Consortium

Overall aim

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
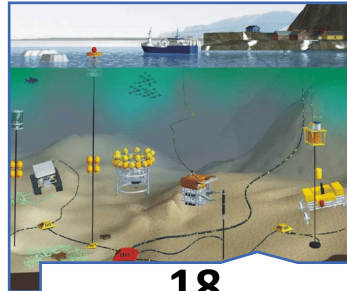
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POLARIN RESEARCH INFRASTRUCTURE

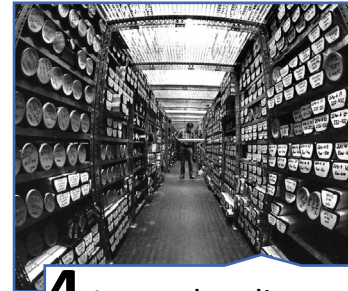Access integration to **64** research infrastructures in **both poles**

38
Research stations

12
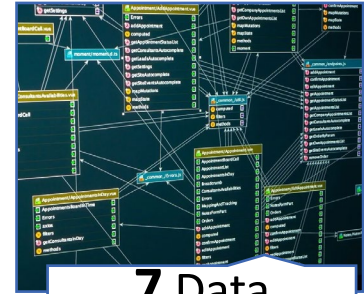Polar vessels

18
Observatories

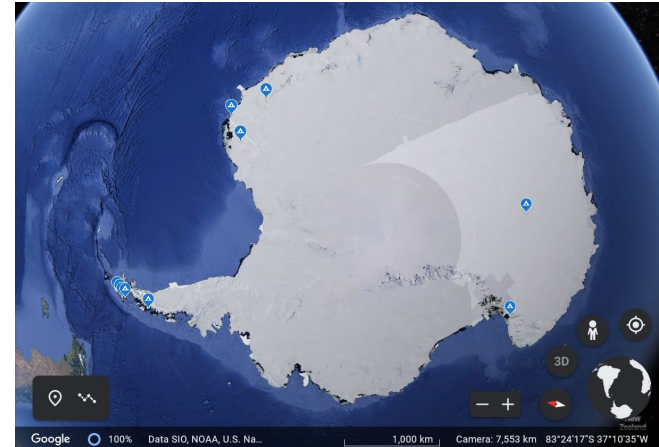**4** Ice and sediment core repositories

7 Data infrastructures

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POLARIN INFRASTRUCTURE

38
Research stations

27 Arctic stations

11 Antarctic stations

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POLARIN Arctic stations

Grafik: www.meereisportal.de
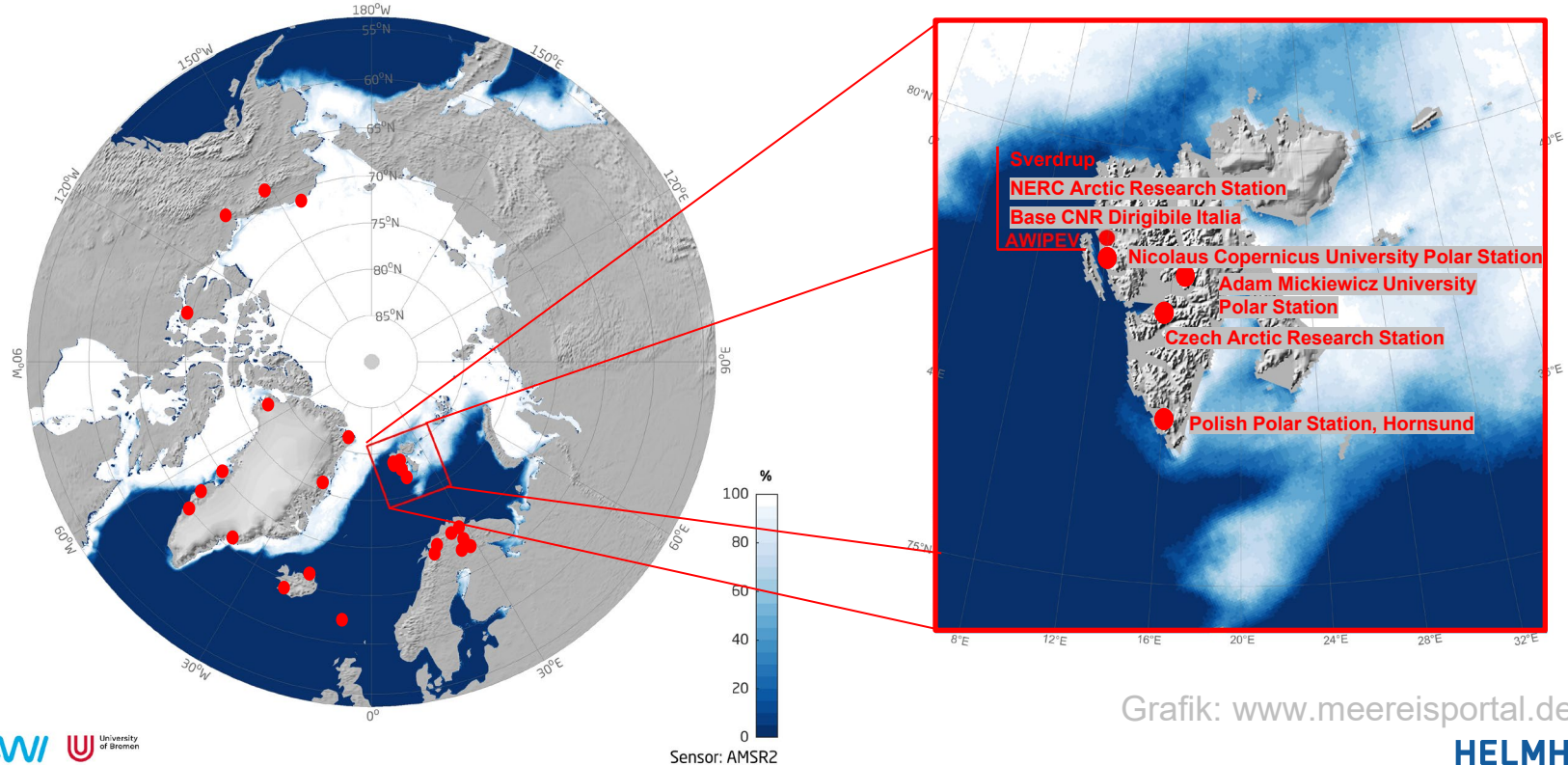
Polar vessels in the Arctic: POLARIN network

CCGS Amundsen, CA

Arni Fridriksson, IS

RV Celtic Explorer, IR

MV Le Commandant Charcot, FR

RV Dana, DK

RV Kronprins Haakon, NO

BIO Hespérides, ES

Noosfera, UA

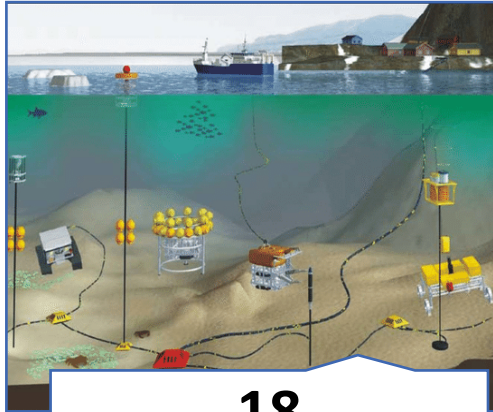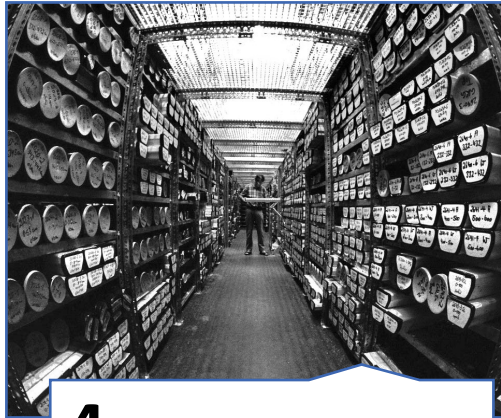PRV Polarstern, DE

TARA polar station, FR

POLARIN INFRASTRUCTURE

18
Observatories

- 1 deep-sea observatory (**FRAM**)
- 2 observational networks (**GIOS** and Greenland Ecosystem Monitoring)
- 15 key observatories associated to research stations

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4 Ice and sediment core repositories

AWI: Ice core repository
AWI: Sediment core repository
BAS: Polar Sediment Core Facility
UiT: Core repository and geological laboratories

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POLARIN INFRASTRUCTURE

7 Data infrastructures

- Arctic Biodiversity Data Service (**CAFF**)
- ARICE Data infrastructure
- Italian Arctic Data Center (**CNR**)
- **INTERACT** data portal
- Italian National Antarctic Data Center (**CNR**)
- **POSEDA** (GFZ)
- **SIOS** Data Management System

15.04.2024

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Transnational Access

In person

Remote

Virtual access

The POLARIN Consortium
thanks you for your attention