



POLARIN

POLAR
RESEARCH
INFRASTRUCTURE
NETWORK

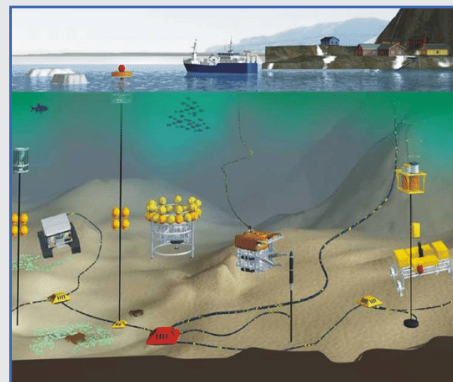
Welcome to the first POLARIN General Assembly



Research stations



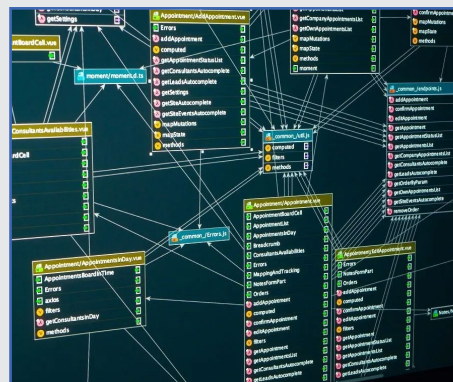
Research vessels



Observatories



Ice & sediment core
repositories



Data infrastructures



FUNDED BY THE
EUROPEAN
UNION



AWI

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

Short introduction to AWI










Nicole Biebow

Mission

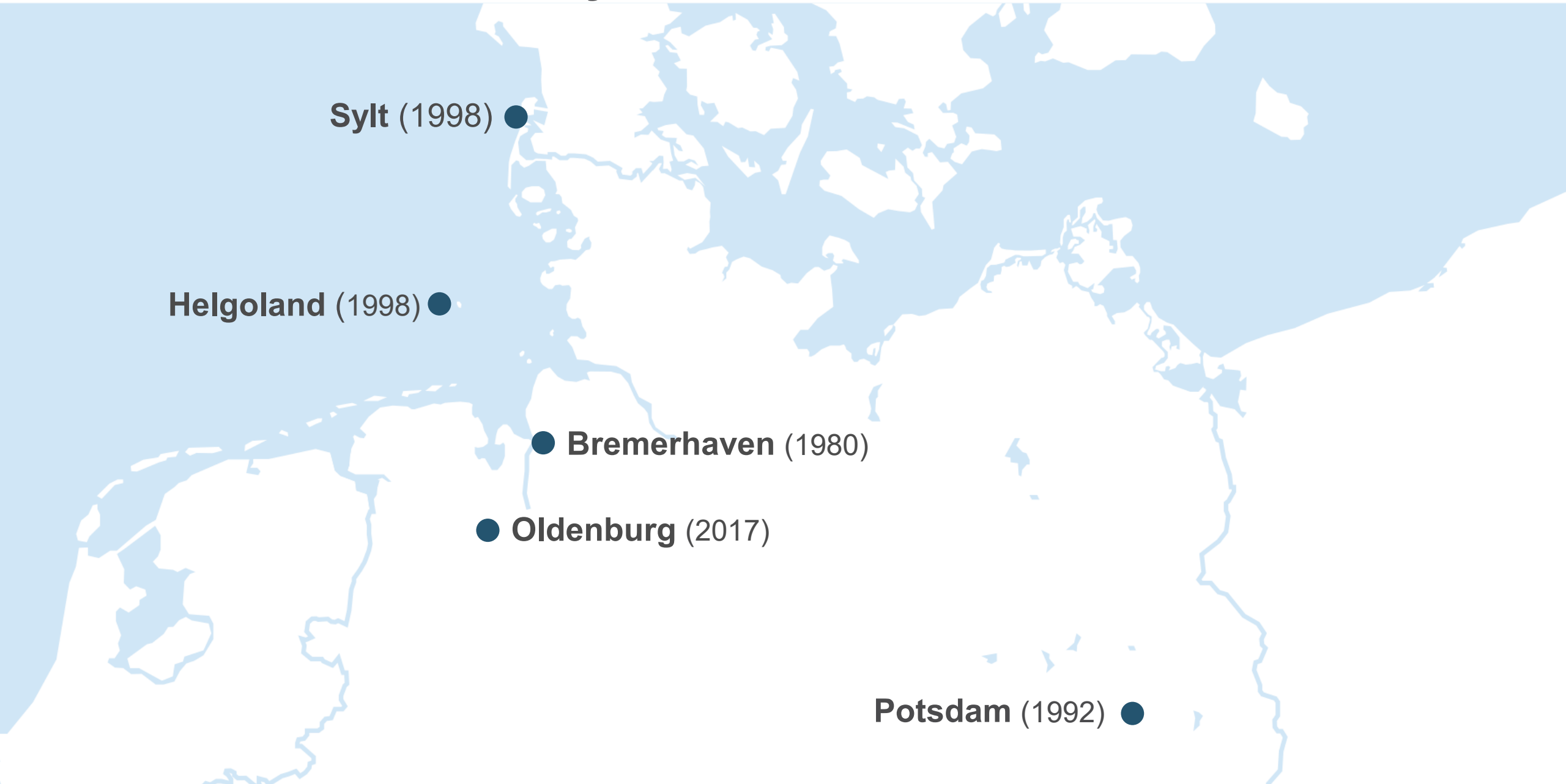
The Alfred Wegener Institute ...

- is an international leader in polar and marine research
- makes significant contributions in climate, biodiversity and coastal research to the understanding of the variability of the global environment and the Earth system
- provides the scientific basis for political decisions
- provides polar and marine infrastructure.

„Changing Earth – Sustaining our Future“ (2021-2027)

| | | |
|---|---|--|
|  <p>TOPIC 1 ATMOSPHERE</p> | The Atmosphere in Global Change | AWI , FZG, GFZ, HZG, KIT |
|  <p>TOPIC 2 OCEAN AND CRYOSPHERE</p> | Ocean and Cryosphere in Climate | AWI , GEOMAR, GFZ |
|  <p>TOPIC 3 RESTLESS EARTH</p> | Living on a Restless Earth: Towards Forecasting Geohazards | GFZ , GEOMAR, |
|  <p>TOPIC 4 COASTAL SYSTEM</p> | Coastal Transition Zones under Natural and Human Pressure | AWI , HZG , UFZ |
|  <p>TOPIC 5 FUTURE LANDSCAPES</p> | Landscapes of the Future: Securing terrestrial ecosystems and freshwater resources under natural dynamics and global change | AWI , GFZ, HZG, UFZ |
|  <p>TOPIC 6 MARINE LIFE</p> | Marine and Polar Life: Sustaining Biodiversity, Biotic Interactions and Biogeochemical Functions | AWI , GEOMAR |
|  <p>TOPIC 7 BIOECONOMY</p> | Towards a Sustainable Bioeconomy: Resources, Utilization, Engineering and AgroEcosystems | AWI , FZJ , KIT, UFZ |
|  <p>TOPIC 8 GEORESOURCES</p> | Georesources for the Energy Transition and a High-Tech Society | GFZ , GEOMAR, UFZ |
|  <p>TOPIC 9 HEALTHY PLANET</p> | One Healthy Planet: Developing an Exposome Approach to Integrate Human and Environmental Hazard Assessment | UFZ |

Locations in Germany



Sylt (1998)

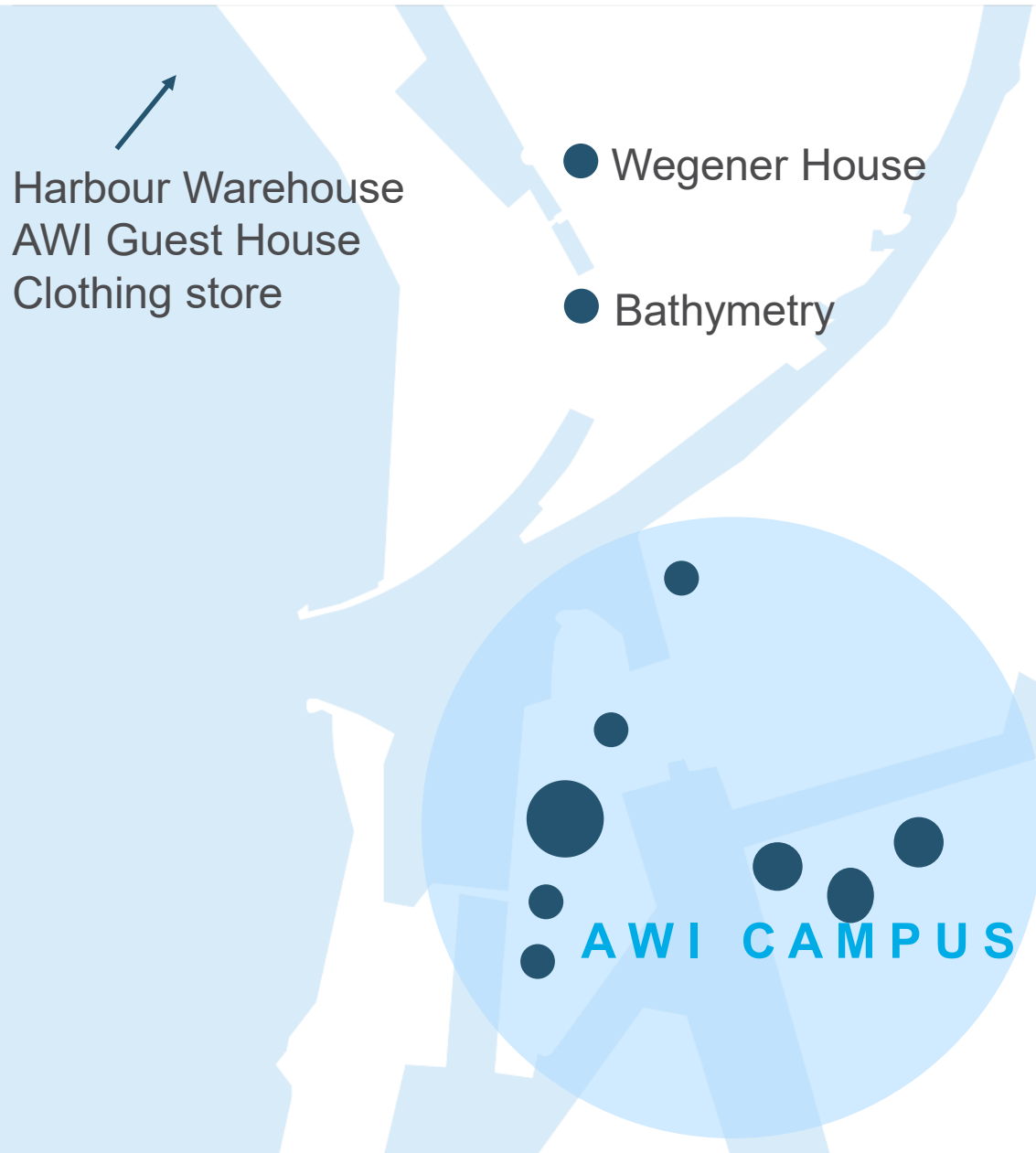
Helgoland (1998)

Bremerhaven (1980)

Oldenburg (2017)

Potsdam (1992)

Bremerhaven location (research and development mile)



AWI Campus



AWI Main Building



Centre for Aqua-
culture Research



Bathymetry



Building F



Wegener
House



AWI Technikum



Building H



Building G

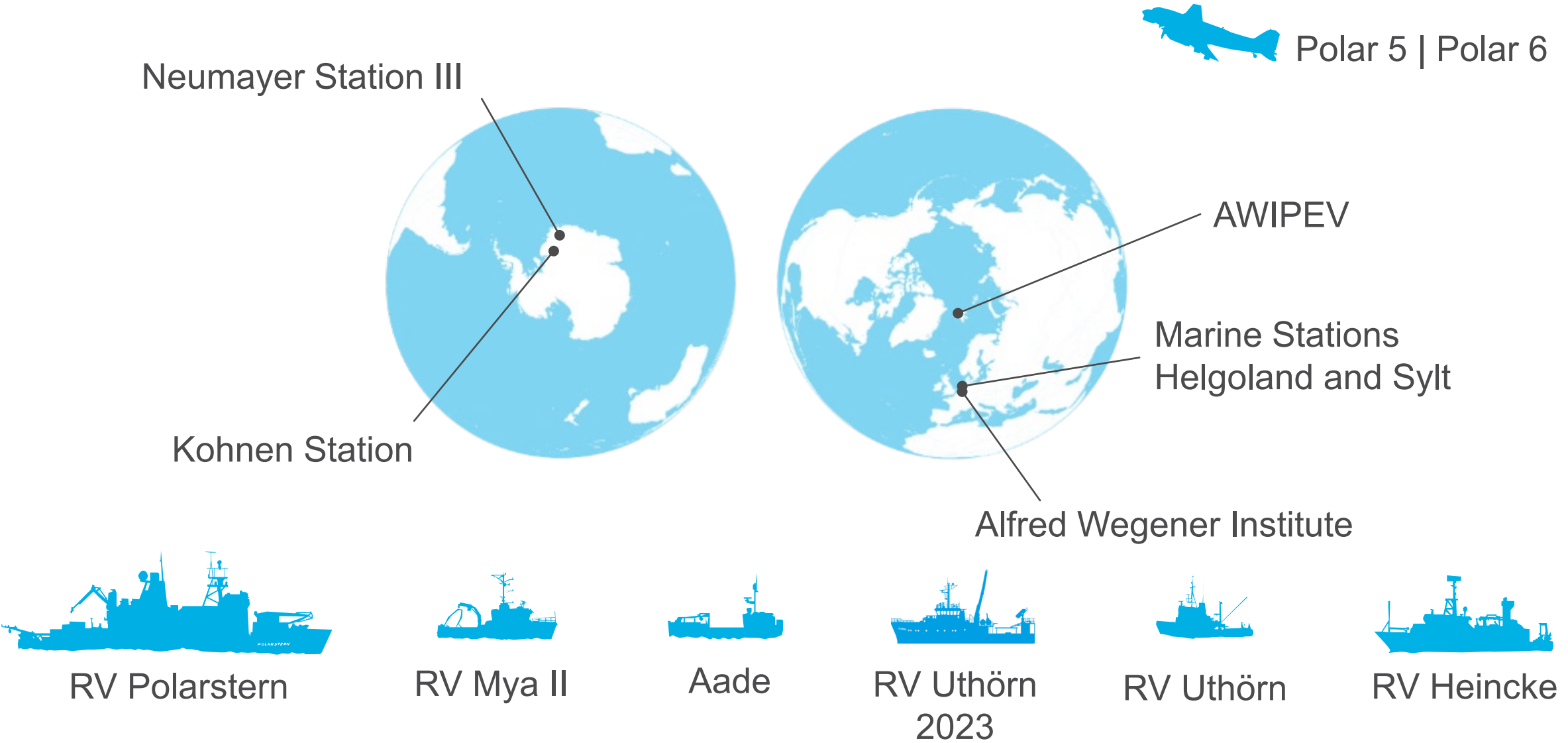
The background of the slide is an aerial photograph of Bremerhaven, Germany. It shows a dense urban area with a mix of residential and commercial buildings, interspersed with green spaces and a network of waterways. The city is situated along a large body of water, with a prominent bridge and several tall buildings visible in the distance.

Locations in
Germany

Bremerhaven 869 Employees (2022)

Foundation of the Alfred Wegener Institute in 1980

- Research focus:
 - Geosciences, biosciences and climate sciences
 - from the past to the future
 - from the deep sea to the atmosphere
- Research support logistics, administration, scientific workshops, computer centre.



Foundation

1980 Establishment of the Institute in Bremerhaven as a foundation under public law.

Employees

1,136 employees (31.12.2022)

Funding (2023)

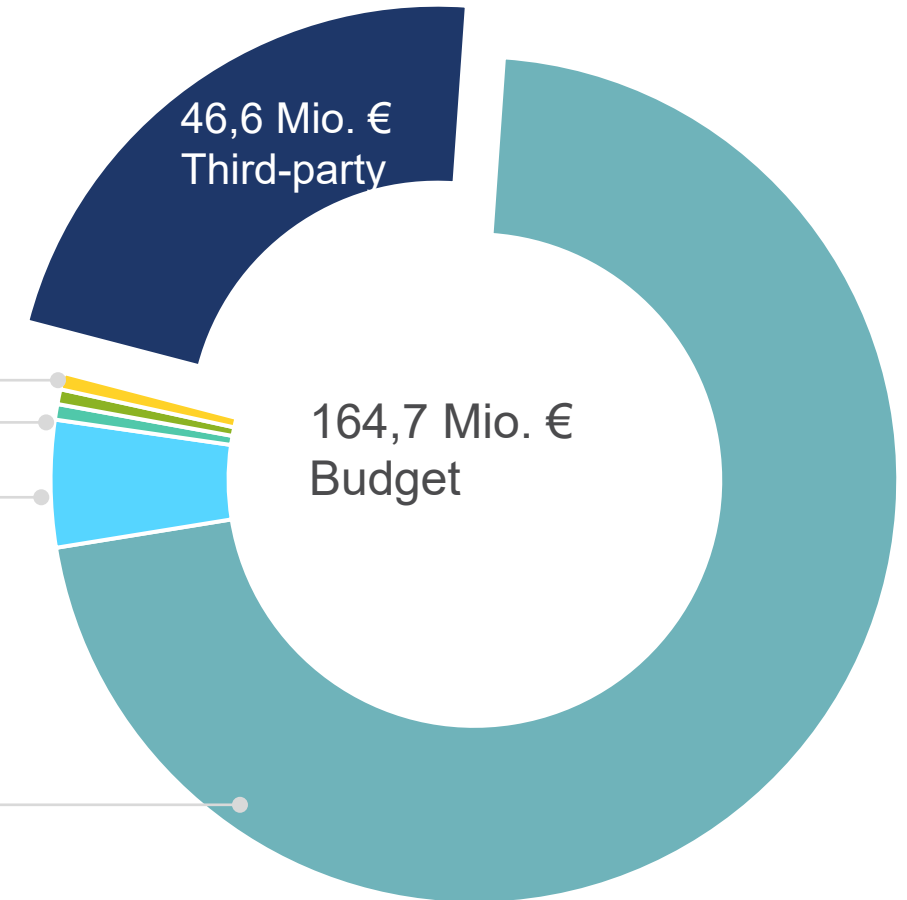
0,85% State of Schleswig-Holstein

0,85% Lower Saxony

0,85% State of Brandenburg

7,45% State of Bremen

90% Federal Ministry of Education and Research (BMBF)



Background



2009-2023



2011-2024



2018-2022



2024-2028



2024-2029

Objectives



Enable science for understanding and predicting key processes in polar regions

Provide efficient challenge-driven transnational access (TA) to top level RIs in the polar regions

Improve data services and provide customised data products

Provide virtual access (VA) to data and data services

Provide training for infrastructure users

Advertise RI services and engage RI users

POLARIN PC and Management Team



Nicole Biebow
POLARIN Coordinator



Verónica Willmott
Project Manager



Maria Eden
Financial Manager



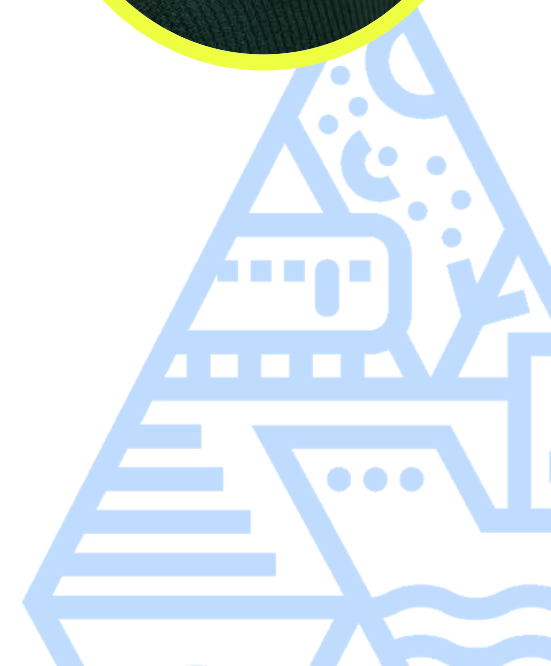
Martina Schrage
Financial Manager



Anneli Strobel
Aquarius & EU-PolarNet



Daniela Portella Sampaio
PolarPol & Antarctica InSync



Housekeeping

Please introduce yourself when you are asking questions, we will not have time for an introductory round

Maria Eden and colleagues will be here at a desk in the poster area to answer all of your financial questions. Please have a look at the posters as well

You all can visit the climate house but the journey takes about 3 hours. Please plan accordingly

Please do not hesitate to contact the support team for any questions. We are wearing a red lanyard.





HELMHOLTZ