



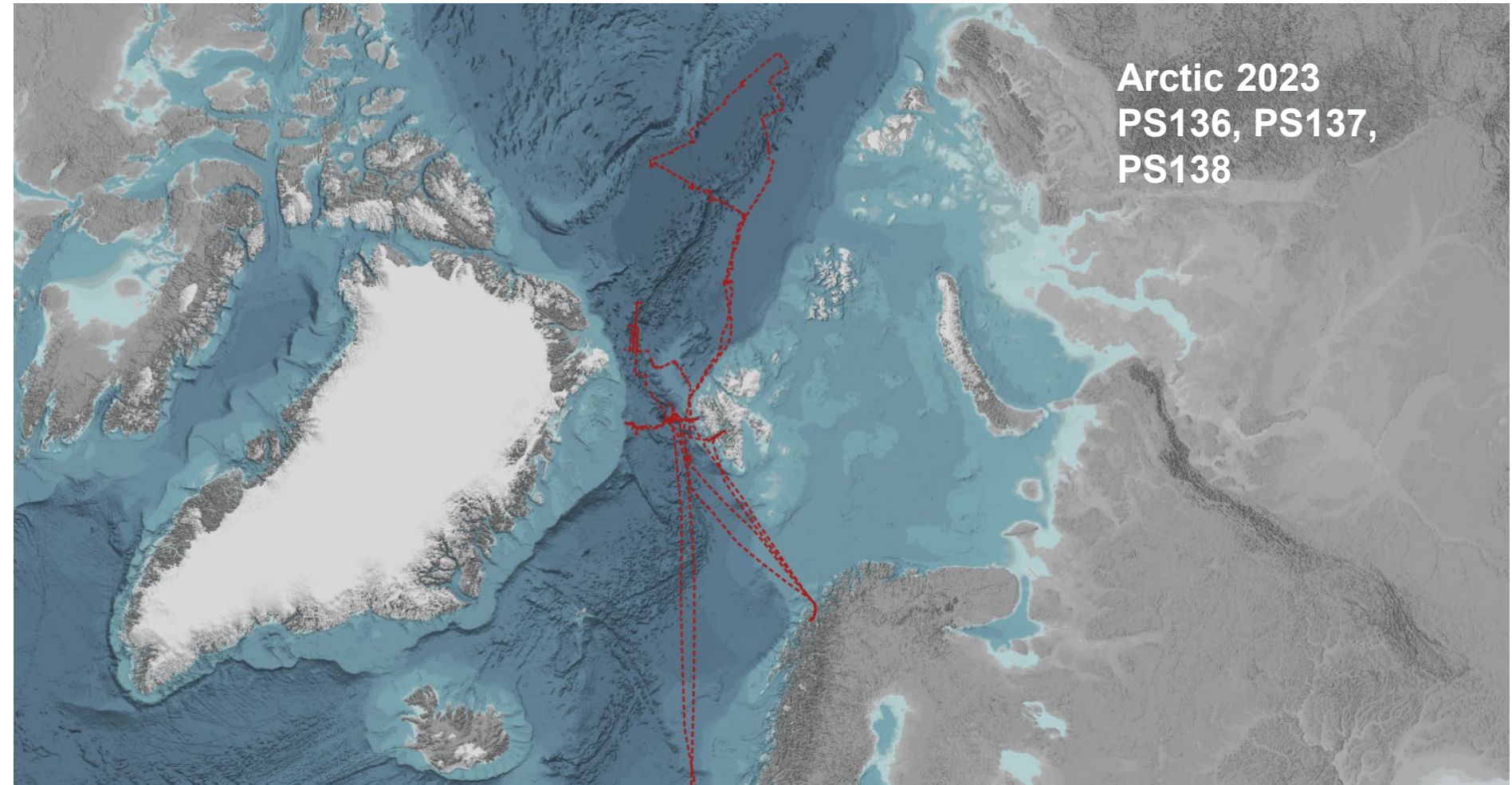
German Arctic Expeditions 2023 - 2024

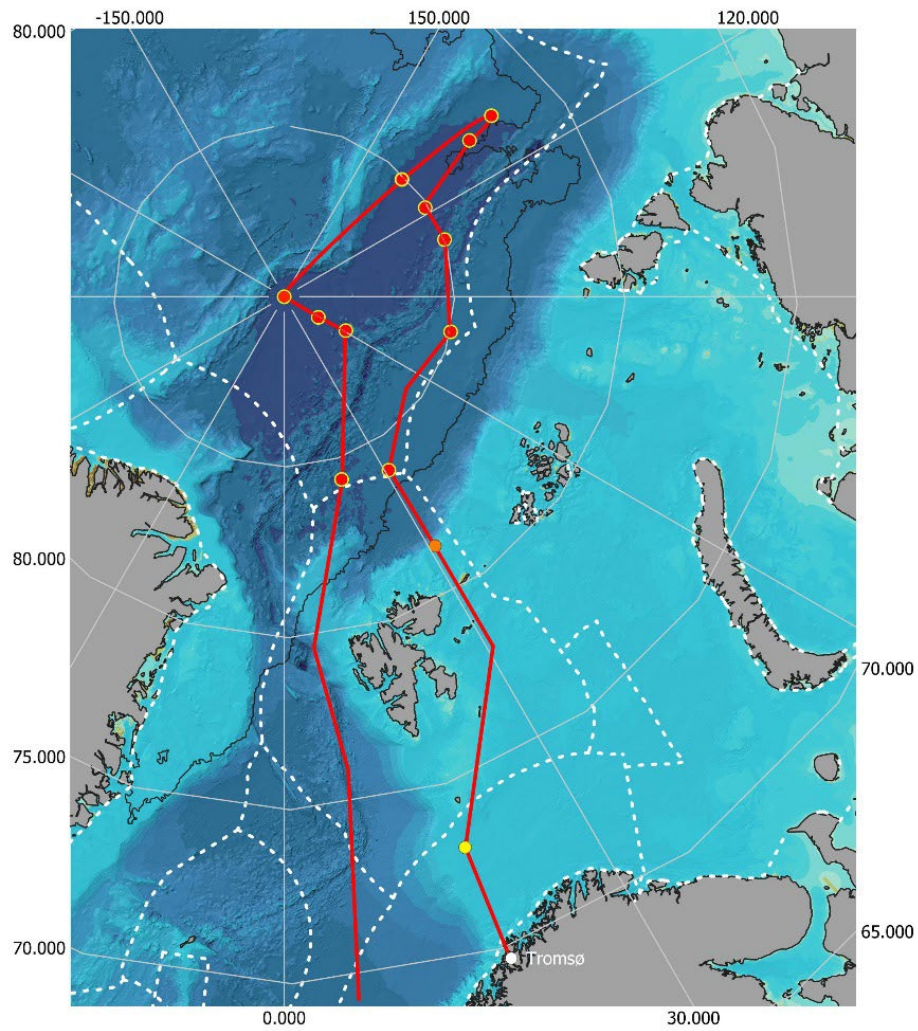
FARO/ASSW, 2024, Edingburgh

Dirk Mengedoht (Alfred Wegener Institute, Germany)



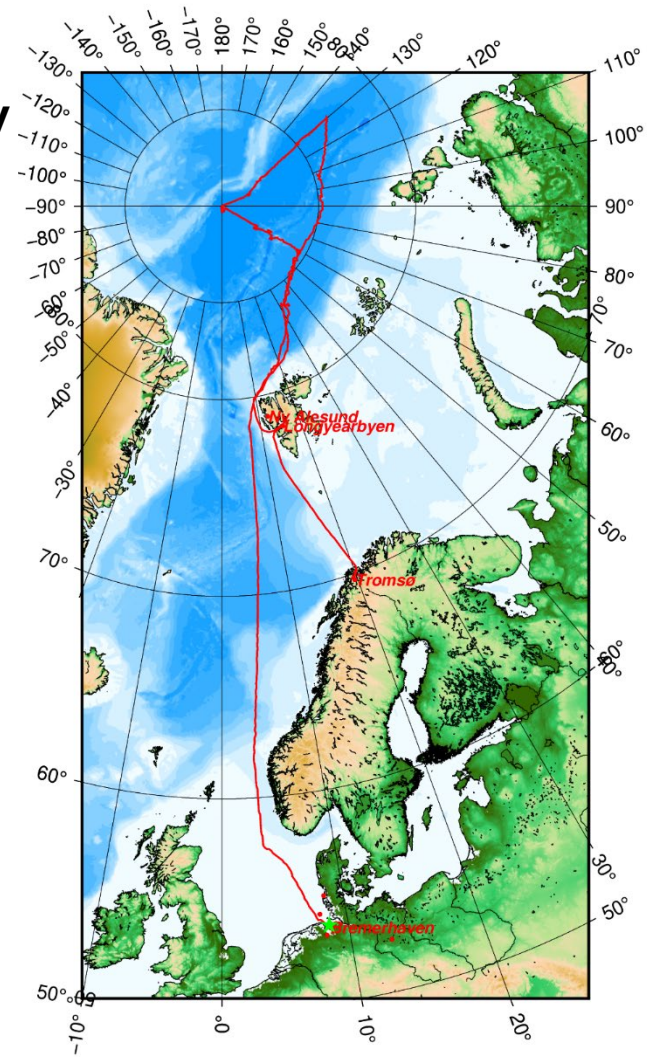
Arctic 2023
PS136, PS137,
PS138





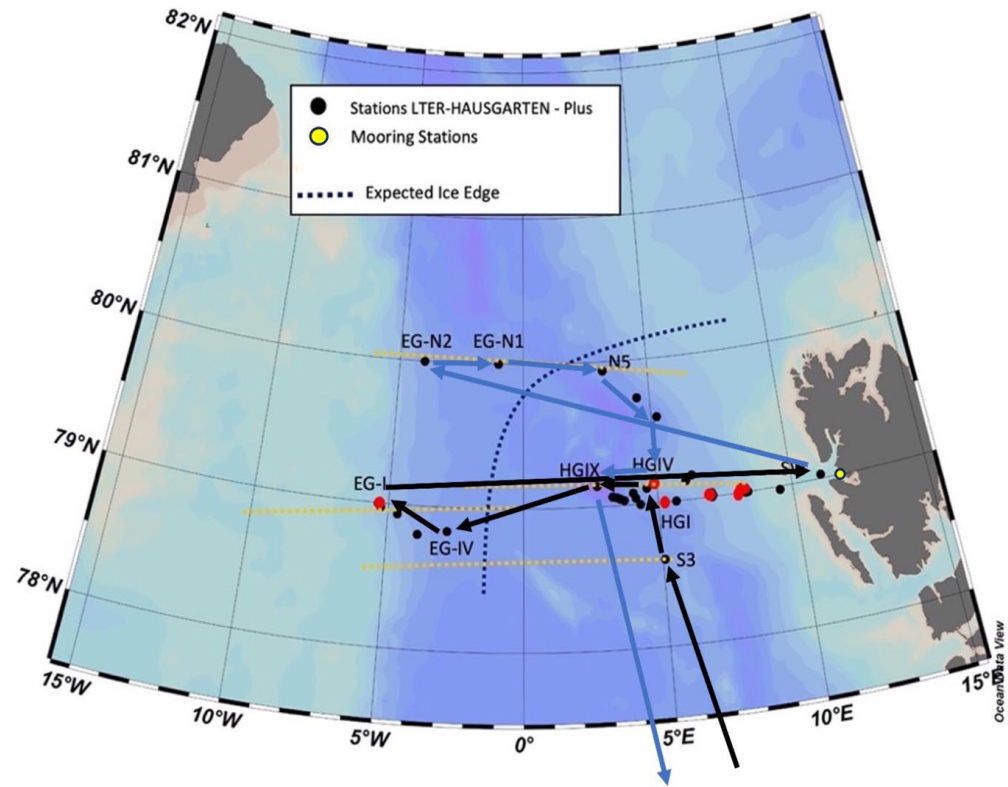
PS138 Tromsøe - Bhv

- ArcWatch-1 stations
- Svalbard station
- CTD station
- - - EEZ boundaries
- Sea ice edge Sep 2012



PS143/1 & /2

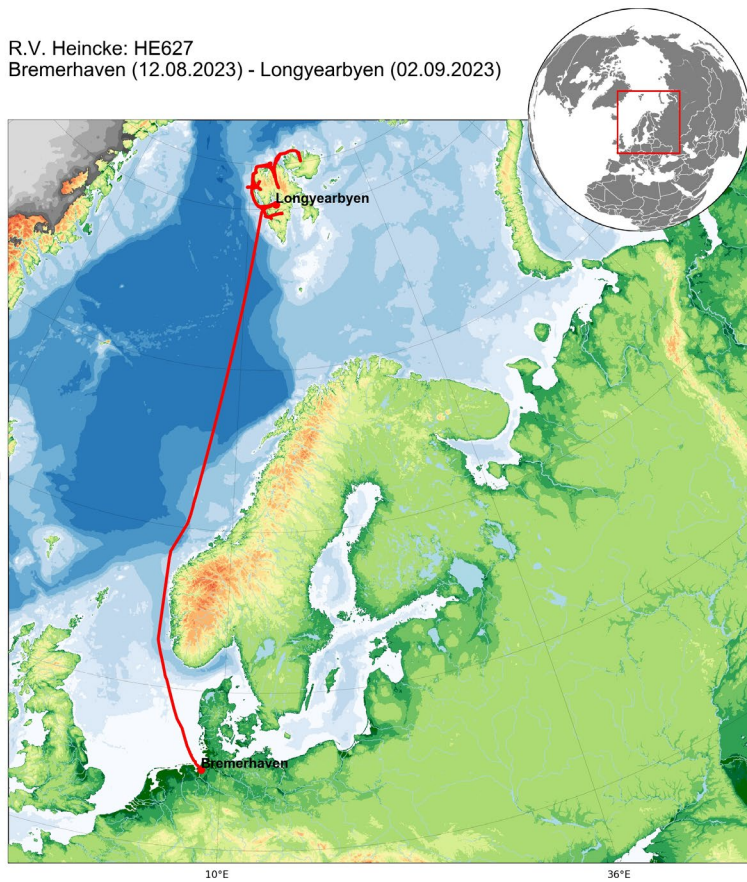
Bhv – Tromsø - Tromsø



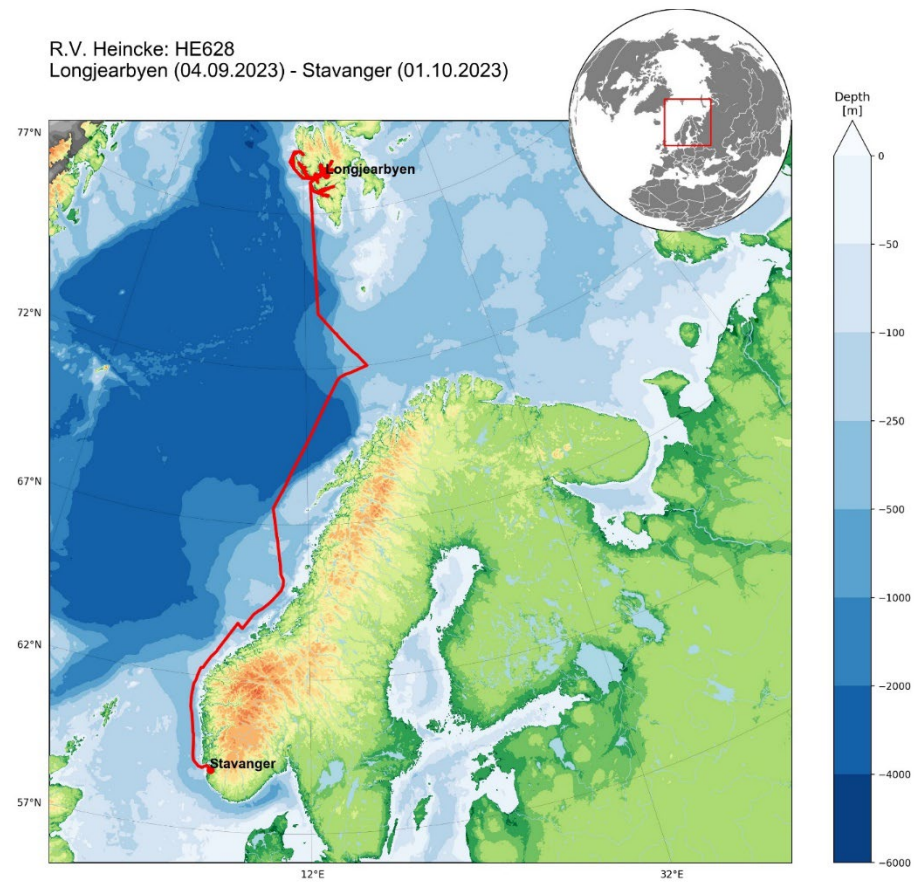


Heincke Arctic 2023

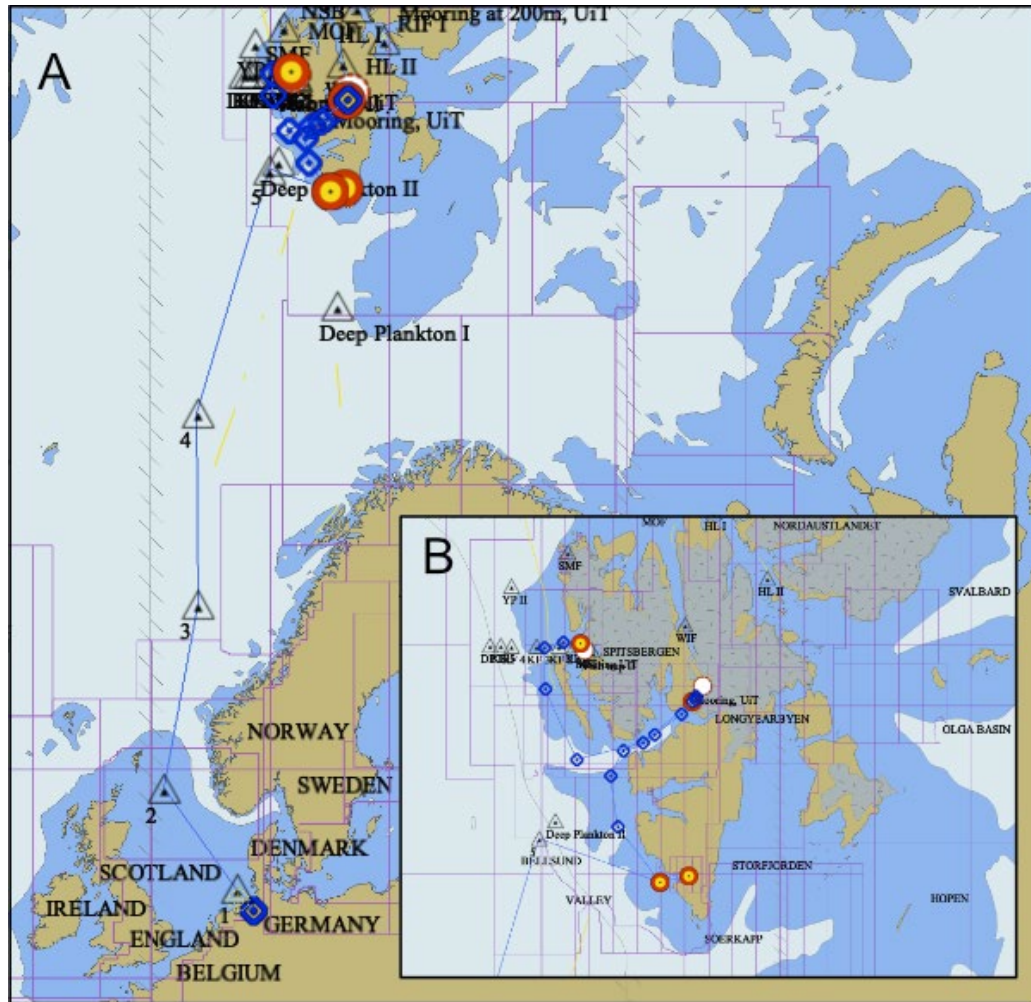
R.V. Heincke: HE627
Bremerhaven (12.08.2023) - Longyearbyen (02.09.2023)



R.V. Heincke: HE628
Longyearbyen (04.09.2023) - Stavanger (01.10.2023)



Heincke Arctic 2024 YESSS/ACTNOW; HE645





Research
Infrastructure

RV Uthörn

With
(Bio-) Methanol
virtually
climate-neutral

Research Vessel

Entry into service: 2023

Home port: Helgoland

Main area of operation: Helgoland and German Bight

Length: 35 Meter

Crew: 5 Persons

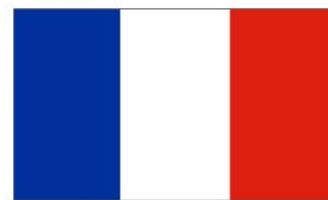
Work opportunities: 25 Persons from Science and Technical

- Atmosphere Observatory
- Permafrost Observatory
- Under Water Observatory
- **Back to full occupation, many projects related to topics of all four Flagships**

www.awipev.eu/awipev-observatories

www.awipev.eu/science/projects-in-2024

—————→ **AWIPEV founded on 26 May 2003**



- Atmosphere Observatory
- Permafrost Observatory
- Under Water Observatory
- **Back to full occupation, many projects related to topics of all four Flagships**

www.awipev.eu/awipev-observatories

www.awipev.eu/science/projects-in-2024

→ **Ministerial visit Norway, France, Germany
in April 2023**



Station Team 2023/24

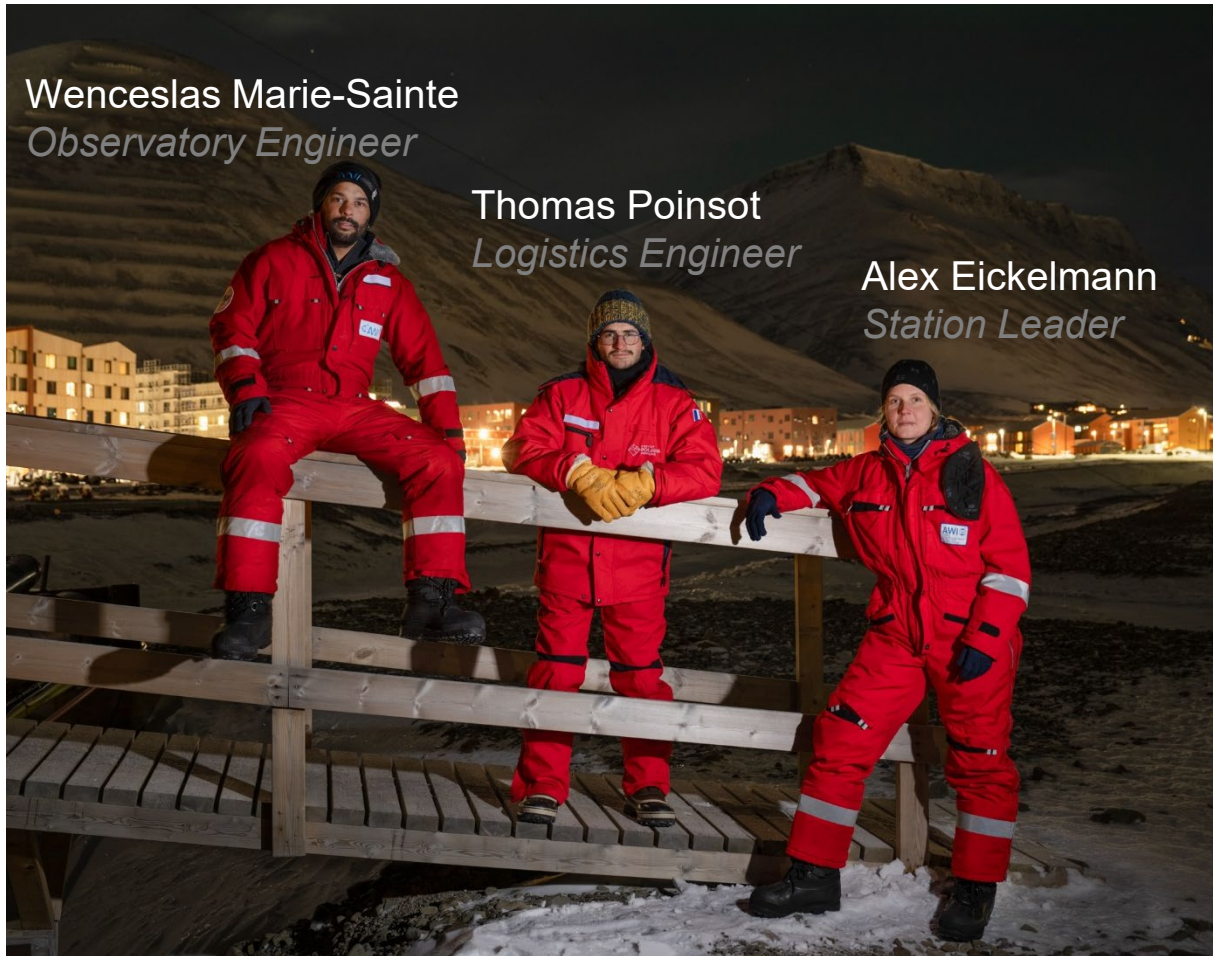
Fieke Rader
Station Leader



Apolline Pibarot
Logistics Engineer

Mathilde Carbonnel
Observatory Engineer

Station Team 2024/25



Wenceslas Marie-Sainte
Observatory Engineer

Thomas Poinot
Logistics Engineer

Alex Eickelmann
Station Leader

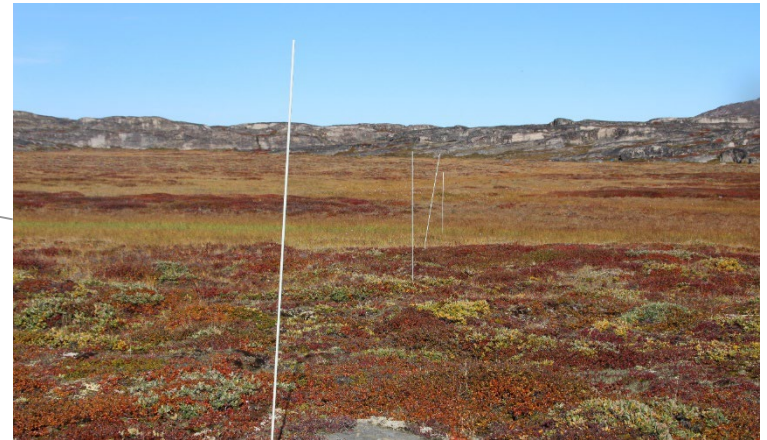
Greenland (Permafrost Research Unit)

MOMENT project (BMBF-WTZ)

2023 to 2025

"

Contact & PI: Julia.Boike@awi.de



Location:

Disko Island and Ilulissat

Fieldwork started in 2022 (planned 2023, 2024)

- spring, summer, autumn

Project partners:

Uni Hamburg, GFZ, Uni Hannover, Uni Köln

Collaborators:

DTU Copenhagen, Uni Copenhagen



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



Thank you!