

Selected Norwegian Arctic Activities

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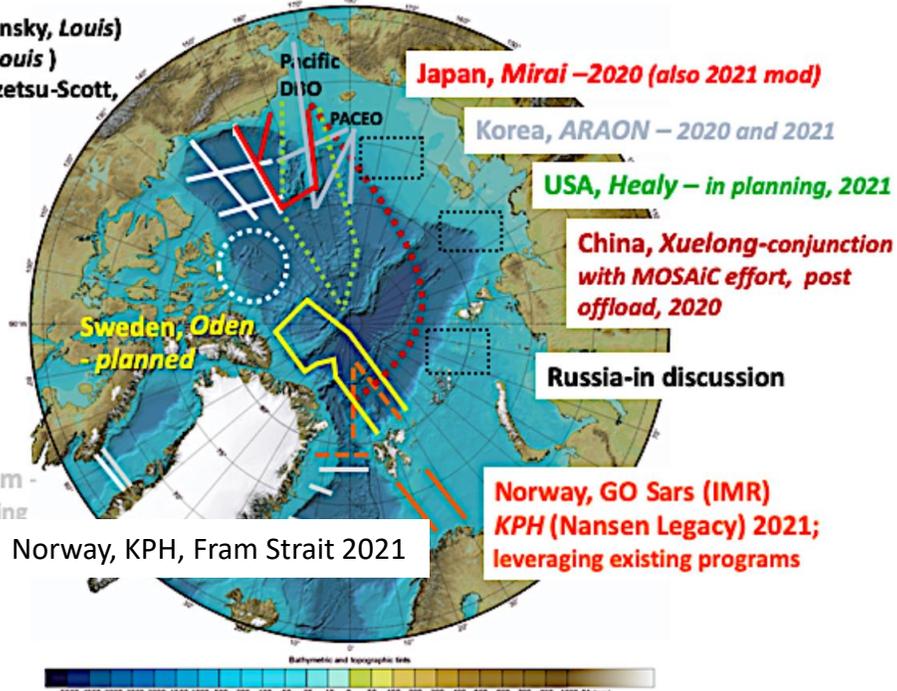
Norwegian contribution to international «Synoptic Arctic Survey»



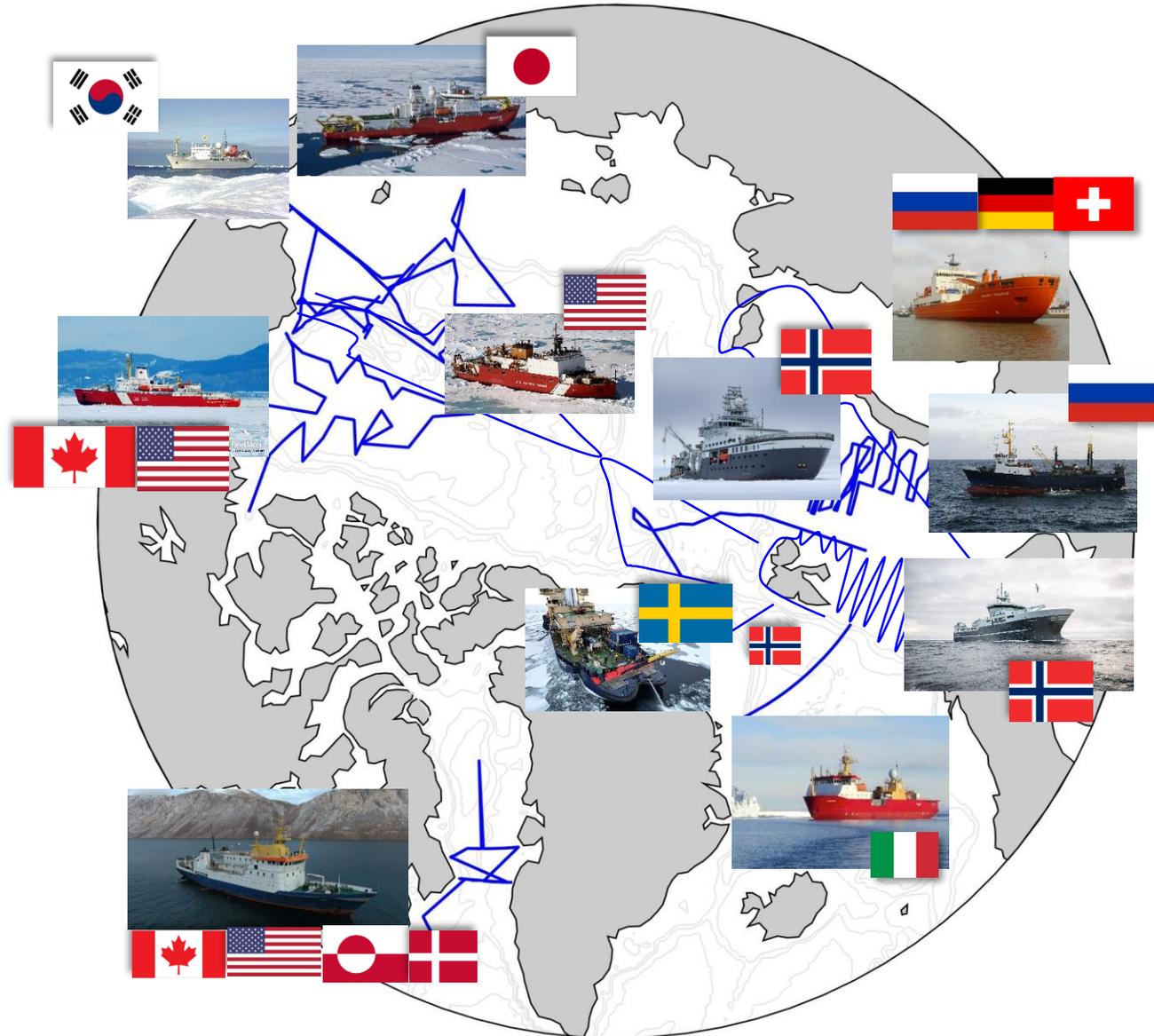
Result 2020-2021

International cruise plan

Canada, USA (white lines) – collaborations, 2020 and 2021:
 JOIS/AON-BGOS
 (Williams/Proshutinsky, Louis)
 LIA-MPA (Michel, Louis)
 Davis Strait (Lee/Azetsu-Scott, Armstrong)



1
 [modified B. Williams and J. Grebmeier, May 2019]



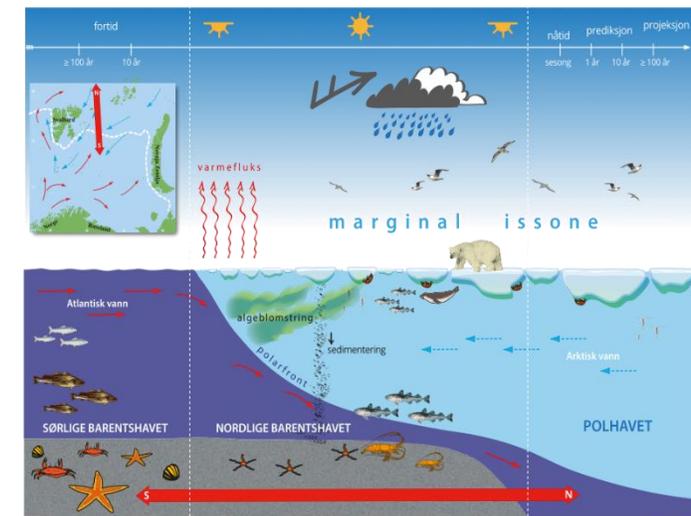
the Nansen LEGACY



Funded by (2018-2023)



The Nansen Legacy is the collective answer of the Norwegian research community to the outstanding changes witnessed in the Barents Sea and the Arctic as a whole.



Eight at one blow – The Nansen Legacy field campaigns in 2021



Winter Process Cruise 2021
Barents Sea Polar Front
Feb 9 – Mar 1



Seasonal Cruise Q1
Barents Sea transect
Mar 2 - 24



Seasonal Cruise Q2
Barents Sea transect
Apr 27 – May 20



ARCTOS-Nansen Legacy Polar Front summer school cruise
Barents Sea Polar Front
May 14 - 22



Summer Joint Cruise 2-1
Barents Sea transect
Jul 12 - 26



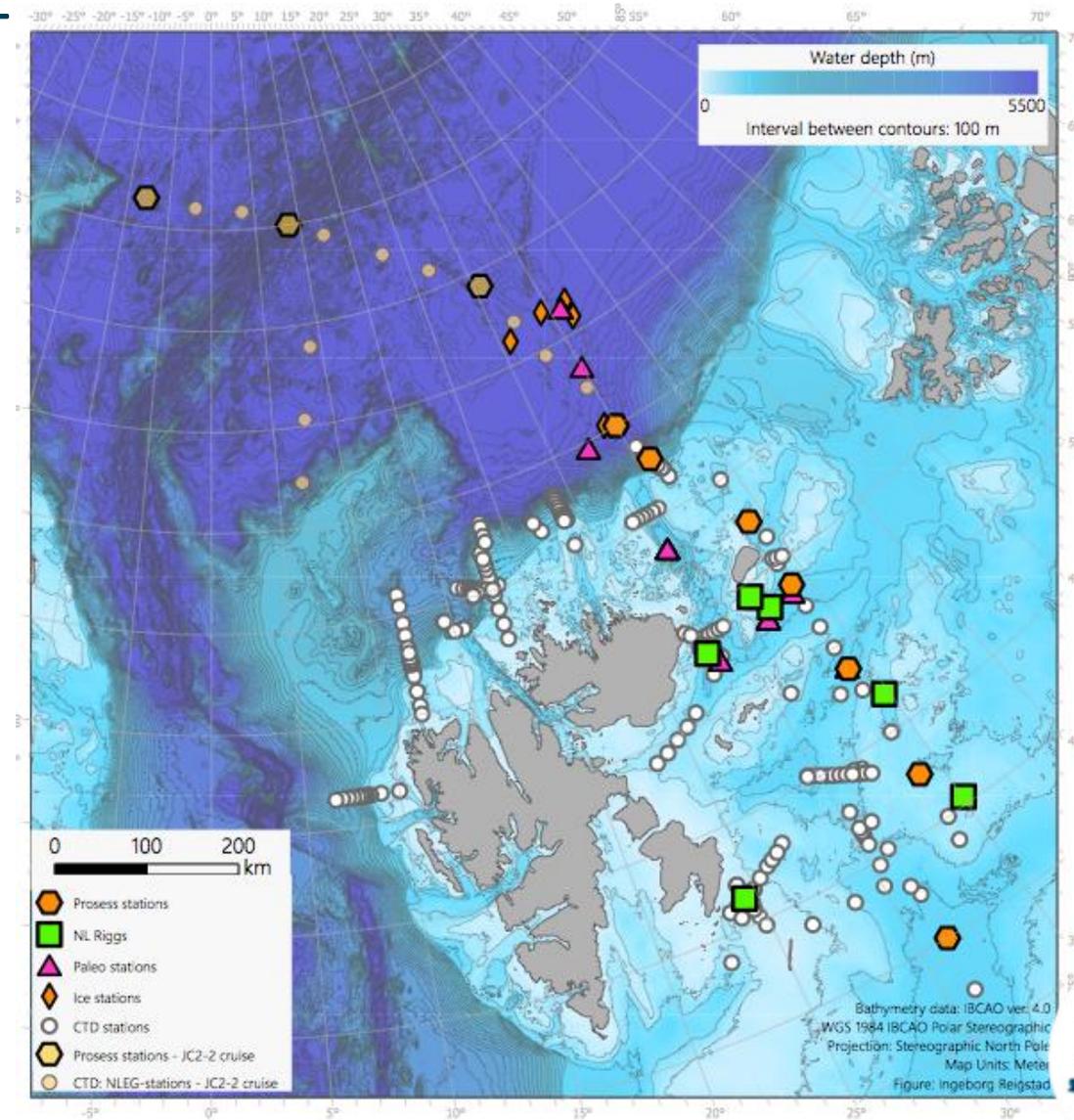
Arctic Basin Joint Cruise 2-2
Nansen & Amundsen Basin
Aug 24 – Sep 24



Nansen Legacy / A-TWAIN Mooring Cruise
Northern Barents Sea
Nov 6 - 16



Mooring Cruise - Second Part
Central Barents Sea
Dec 2 – 10





The Nansen Legacy field campaigns in 2022



Winter Cruise
Barents Sea transect
Feb 19 – Mar 11



Polar Front Studies
Barents Sea Polar Front
Sep 28 – Oct 13



Mooring Service Cruise
Northern Barents Sea
Oct 3-13



Polar cod-capelin connectivity
Barents Sea
Nov 12-21



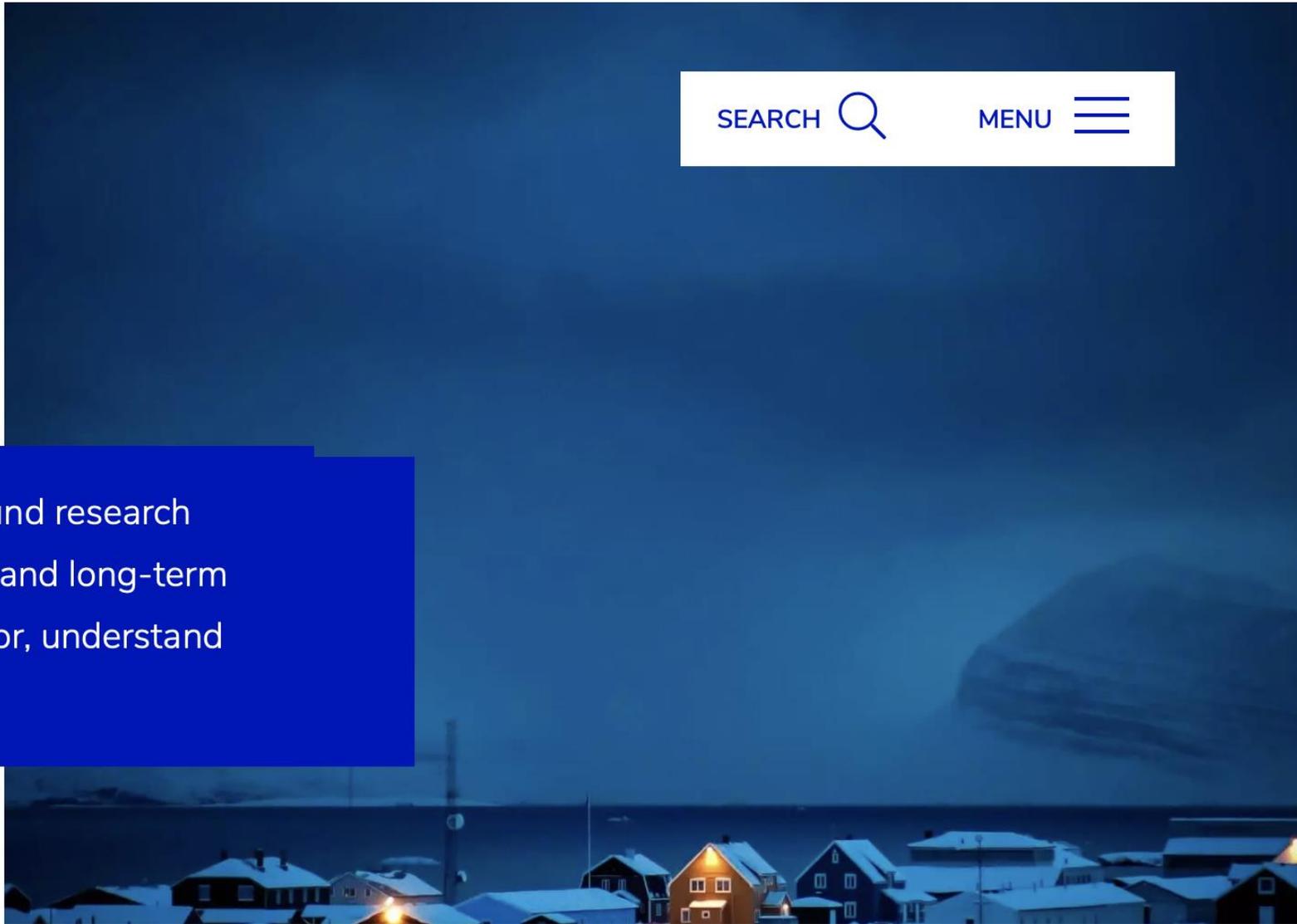


Ny-Ålesund
Research Station
Norway

SEARCH 

MENU 

Ny-Ålesund is the world's northernmost year-round research station, facilitating and hosting research projects and long-term observation series. We make it possible to monitor, understand and explain Arctic systems and global changes.





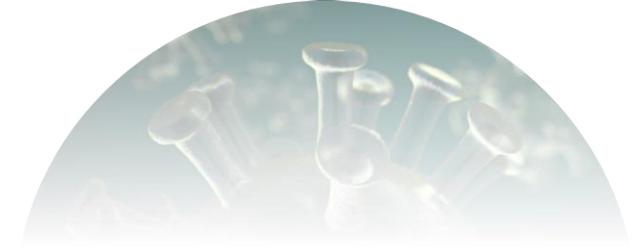
Ny-Ålesund Research Station, 2021

NPI activity (researcher days)

- Up 30 % from 2020 (720 days) to 2021 (934 days). (Permanent staff in Ny-Ålesund not included.)
- Relative proportion reduced from 46 % in 2020 to 28 % in 2021, primarily due to an increase in the number of research days by international researchers hosted by NPI

Corona impact on activity less pronounced in 2021 vs 2020

- Easing of restrictions
- Increased willingness by researchers to spend time in quarantine prior to travelling to Svalbard and Ny-Ålesund to carry out projects postponed from 2019 and 2020.





Ny-Ålesund Research Station, Post-covid

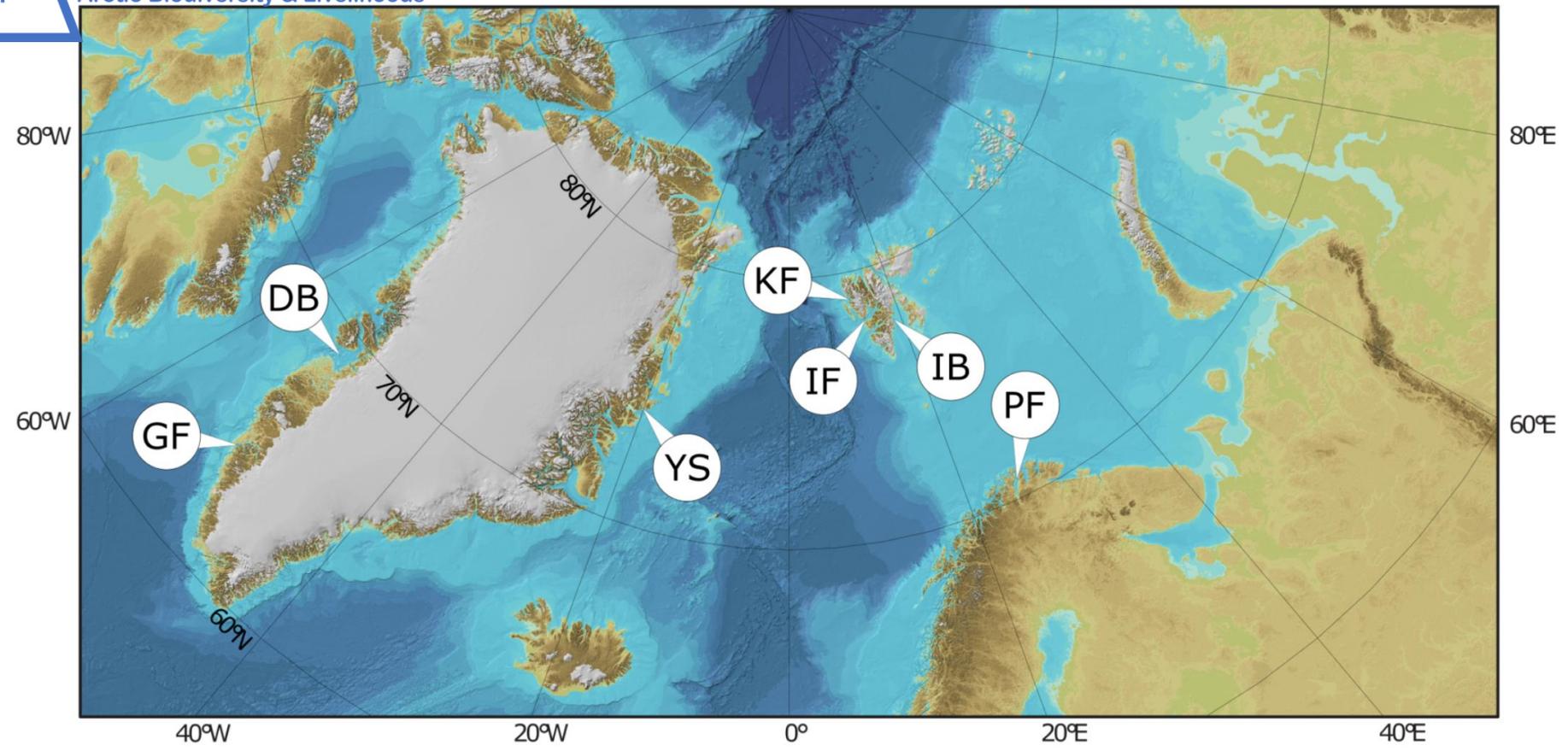
- **Travel restrictions lifted**
 - Norwegian mainland and Svalbard
- **Activity moving towards a normal situation**
 - Research and environmental monitoring
 - Official visits
 - Activity by Asian institutions still at a lower level than pre-covid





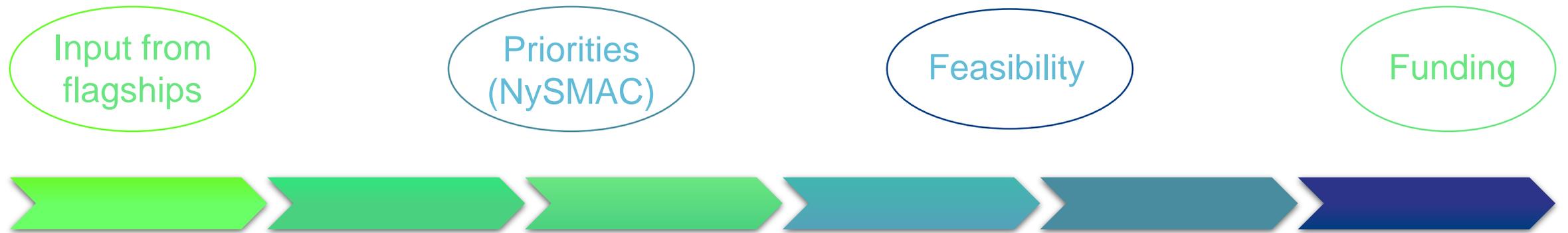
FACE-IT

Arctic Biodiversity & Livelihoods



<https://www.face-it-project.eu>

Long term infrastructure plan



Revised as/when needed

Thank you!

