



## *United Kingdom: Update for FARO Annual Meeting 2023*

Henry Burgess

17 February 2022



Natural  
Environment  
Research Council



Arctic Office  
NATURAL ENVIRONMENT  
RESEARCH COUNCIL



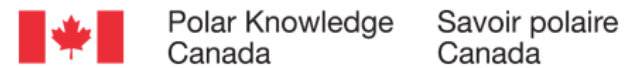
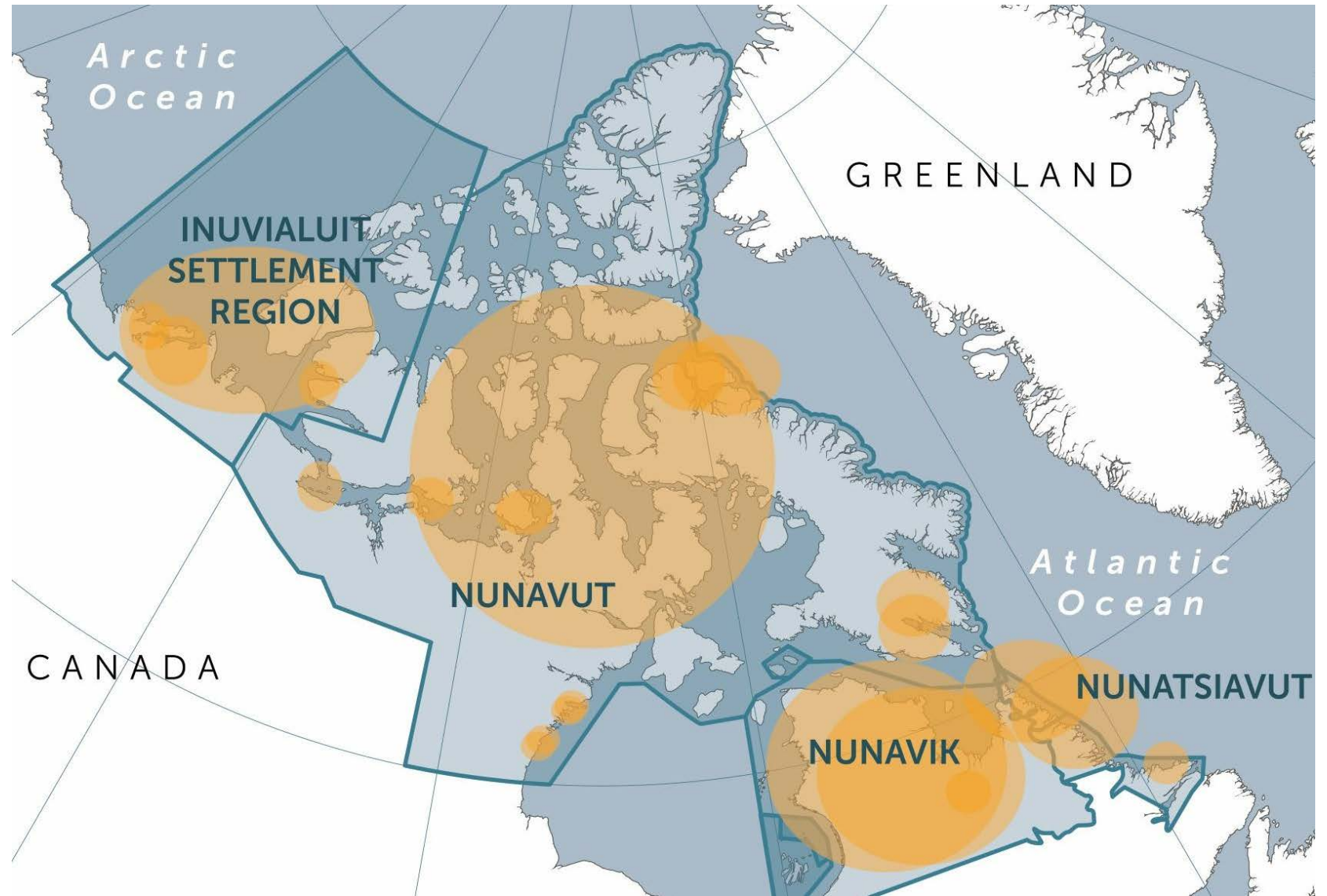
**\$18m (£11m)**

**13 projects**

**150+ researchers**

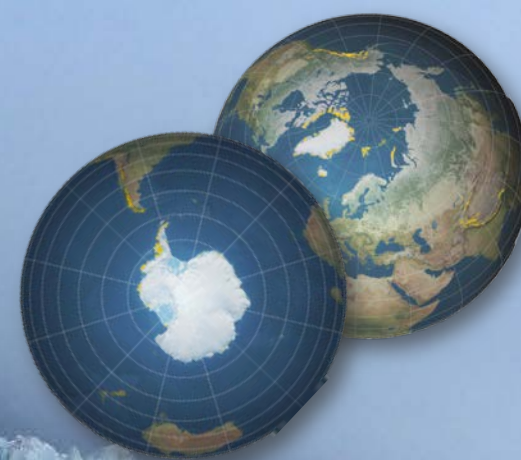
**60+ organisations**

Equal, respectful and empowering Inuit, Canadian and United Kingdom participation in projects, governance, research, publication and data ownership





**POLAR ECOSYSTEMS**  
**POLE**  
**GLOBAL IMPACTS**



**Biogeochemical processes and ecosystem function  
in changing polar systems have global impacts**

**2022-2027**

**£9M programme operating at both poles**



**National  
Oceanography  
Centre**



**British  
Antarctic Survey**  
NATURAL ENVIRONMENT RESEARCH COUNCIL



**British  
Geological  
Survey**



**Centre for  
Polar Observation  
and Modelling**  
Natural Environment Research Council



**UK CEH**



BIOPOLE will determine how climate change at the poles affects the nutrient export that drives the global carbon cycle and primary productivity

It will address the urgent global challenge to define the climate sensitivity of polar ecological processes



# Arctic sampling with international collaboration



Danmarks Tekniske Universitet



Fisheries and Oceans Canada



INTEGRATED CARBON OBSERVATION SYSTEM



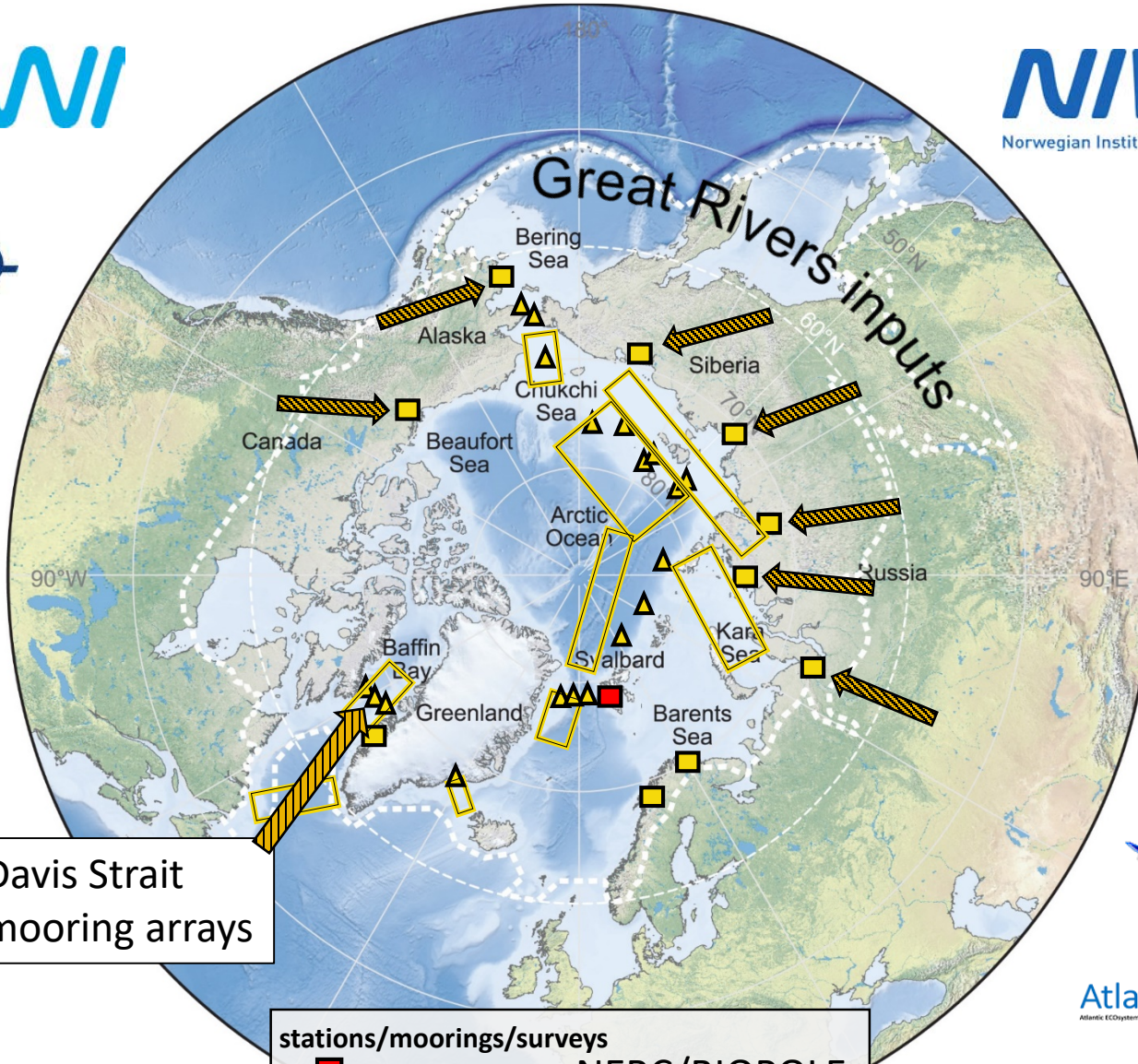
Russian Pacific Institute



Natural Environment Research Council



Davis Strait mooring arrays



stations/moorings/surveys

- NERC/BIOPOLE
- ▲ Collaborators
- Collaborators



# NERC Arctic Research Station, Ny-Ålesund, Svalbard

New logistics and science equipment. Laboratories and living accommodation refurbished. Full seasons planned in 2023 and beyond.

Open to all researchers working in partnership with UK-based researchers and through EU INTERACT Programme.



# *RRS Sir David Attenborough*

**Engaged in second Antarctic season – now conducting science equipment trials. Potential Arctic science cruises in summer 2024...**

# JOIN US IN EDINBURGH FOR ASSW 2024

## 21-29 MARCH 2024



DETAILS SOON AT  
[WWW.ASSW.INFO](http://WWW.ASSW.INFO)

