

# ARHC13-E4: Satellite Project in Greenland

Danish Finance Act 2023

# Satellite mapping of near-coast areas in Greenland

- Due to decreasing sea ice, maritime traffic in partially ice-covered waters around Greenland is expected to increase
- While the Danish Geodata Agency is already working on producing navigational charts for routes between villages and towns in Greenland, there is a lack of depth data for coastal areas.
- This information gap poses risks for coastal navigation as there is limited or no information about potential hazards along the coast.



## Funds allocated in 2023-24

- Funds of 4.4 million DKK (around 640 000\$) from the Danish Finance Act for the period 2023-2024 have been allocated to the Danish Geodata Agency to map a portion of the coastline and near-coast areas around Greenland



## Satellite technology: Joint efforts

- Using satellite technology, a partial mapping of the coastal rocky areas in Greenland can be conducted quickly and with relatively few resources. This endeavor is seen as a crucial task, and the Danish Geodata Agency is pleased to collaborate with external partners and employ satellite technology to address local needs.



# No replacement for nautical charts

- The funding does not mean more Greenlandic navigational charts will be produced faster, and satellite mapping cannot entirely replace navigational charts.
- However, the satellite mapping will provide valuable assistance for navigation planning in the area, aid Search and Rescue (SAR) operations, and enhance maritime safety for activities such as fishing in the coastal region.

