

PRESENTATION FISHING VESSELS IN THE ARCTIC: ANALYSIS

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Deputy Secretary

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PAME RESPONSE FOR THE NEED TO COLLECT AND DISTRIBUTE ACCURATE, RELIABLE AND UP-TO-DATE INFORMATION ON SHIPPING ACTIVITIES IN THE ARCTIC

ARCTIC SHIP TRAFFIC DATA PROGRAM

ASTD

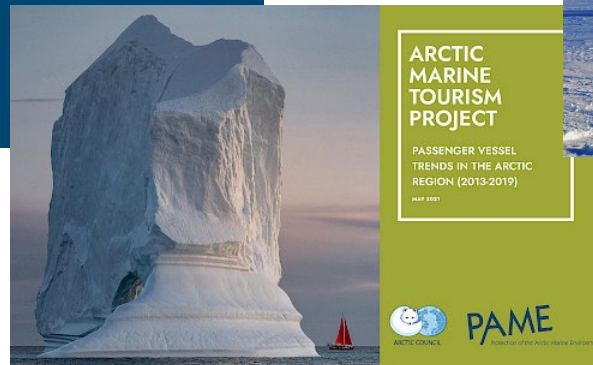
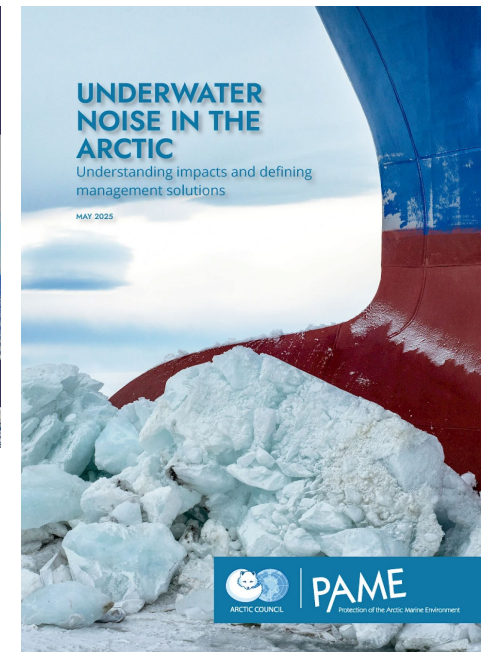


ASTD.is

- **What it is:** Comprehensive Arctic shipping activity database
 - Satellite and terrestrial AIS data from USA, Norway and Iceland
- **The goal:** Provide authoritative and reliable data for different analyses performed under the realm of the Arctic Council.
 - Promote Arctic research and development by offering high quality data

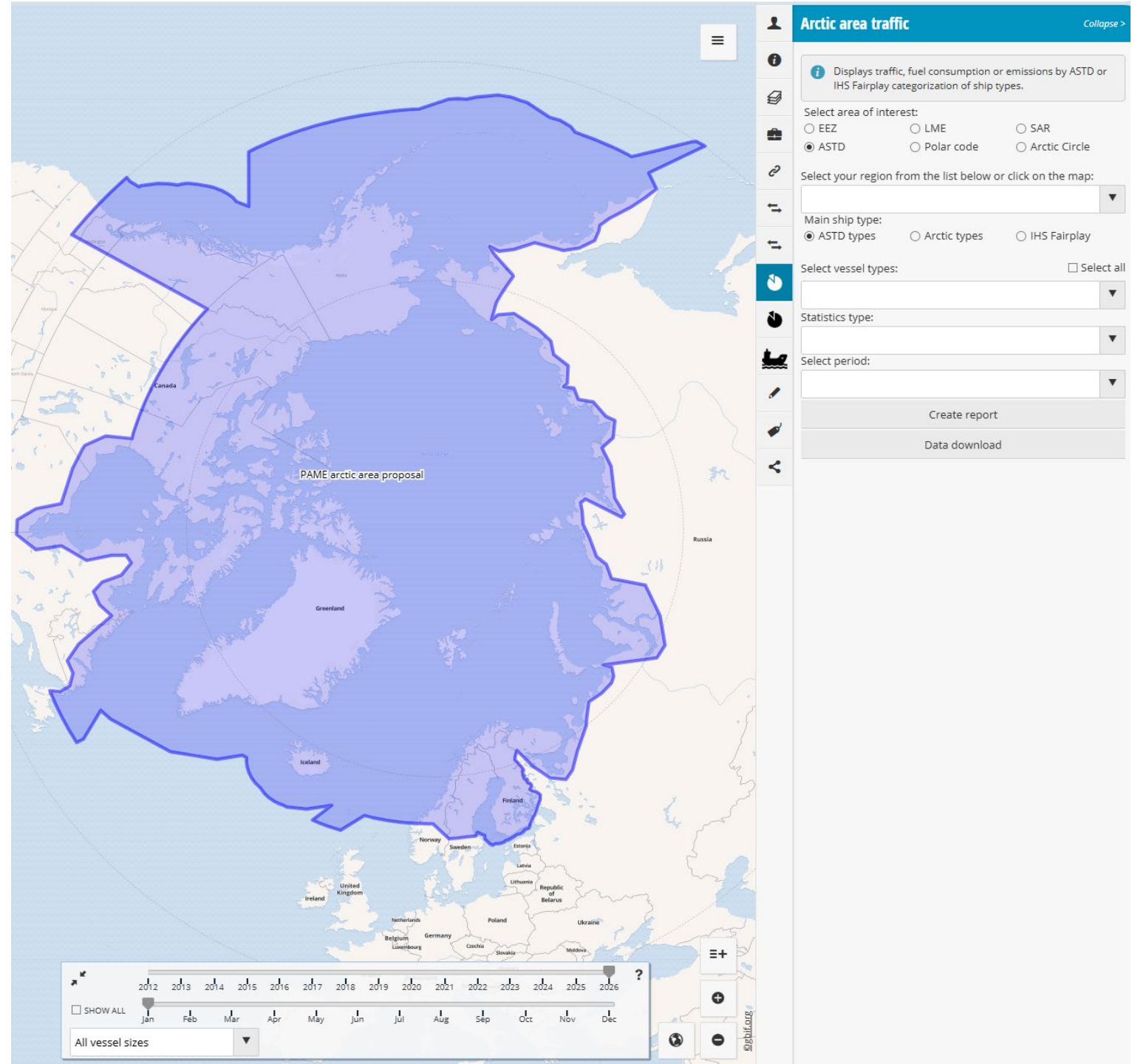
Over 400 users to date

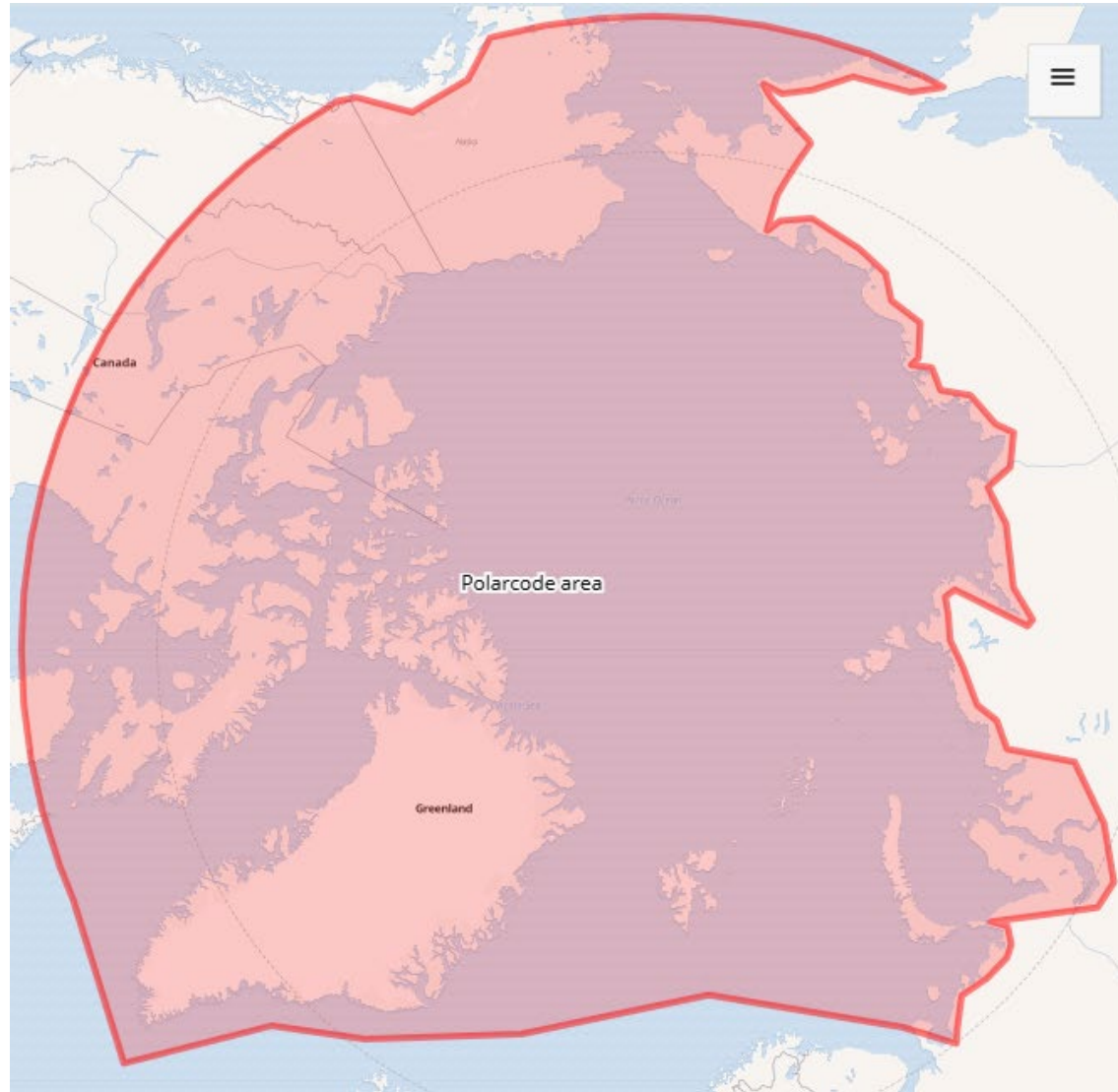
- Ministries
- National agencies
- Research Institutes
- Universities
- Students
- Media



ARCTIC SHIP TRAFFIC DATA PROGRAM

ASTD





Arctic area traffic Collapse >

i Displays traffic, fuel consumption or emissions by ASTD or IHS Fairplay categorization of ship types.

Select area of interest:

EEZ LME SAR
 ASTD Polar code Arctic Circle

Select your region from the list below or click on the map:

Polarcode area ▼

Main ship type:

ASTD types Arctic types IHS Fairplay

Select vessel types: Select all

Bulk Carrier, Chemical Tanker, Container Ship, Crude Oil ▼

Statistics type:

Number of unique ships ▼

Select period:

2025 ▼

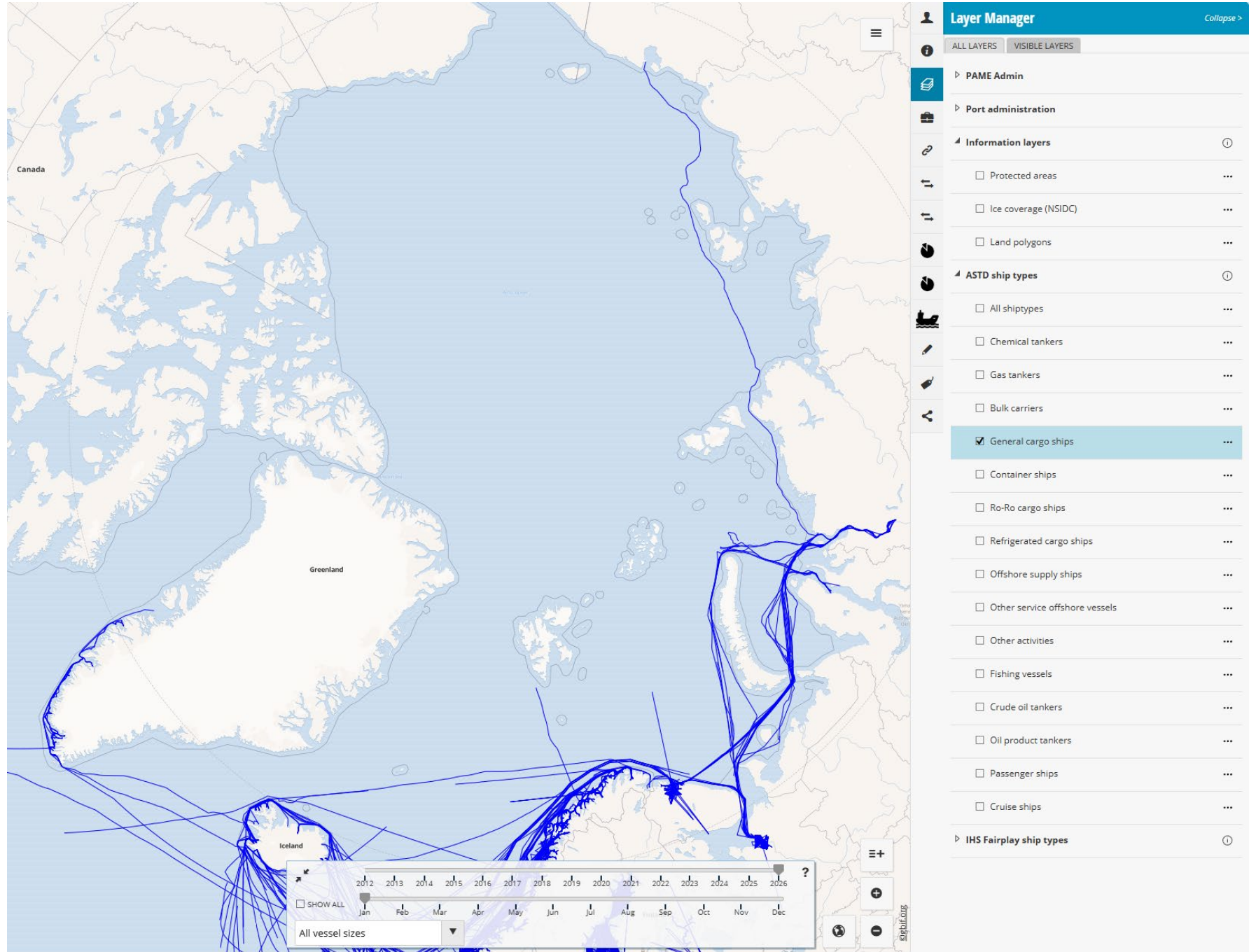
Create report

Data download



ARCTIC SHIP TRAFFIC DATA PROGRAM

ASTD



POLAR CODE AREA

1298

Unique ships in 2013

1812

Unique ships in 2025

+40%

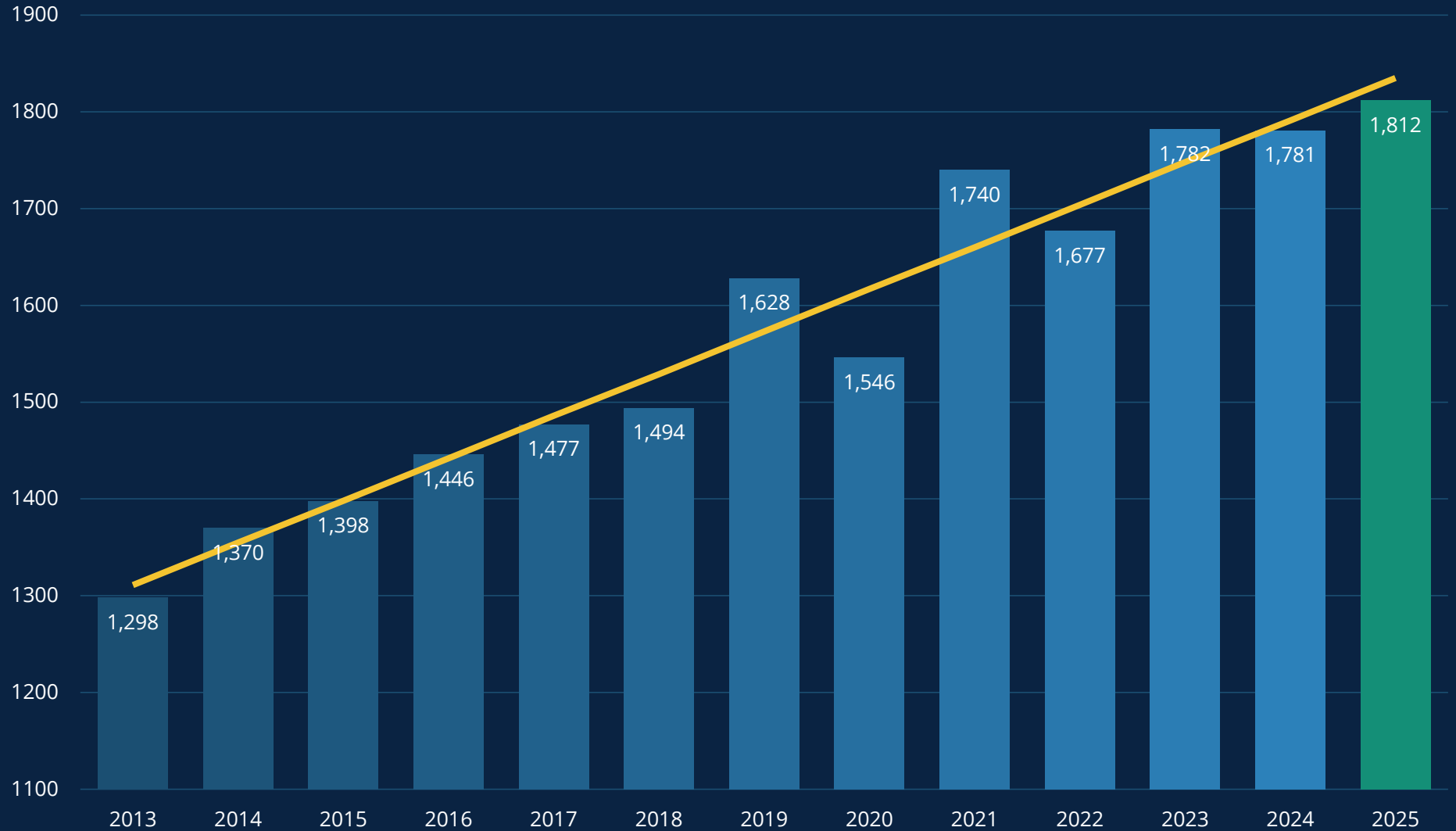
Increase 2013-2025

POLAR CODE AREA



Unique Ships Entering the Polar Code Area · 2013-2025

Number of unique vessels recorded entering the IMO Polar Code area each year – each ship is only counted once although it might enter the area multiple times.



ARCTIC SHIP TRAFFIC

Vessel types operating
in the Arctic Polar Code area, 2025

1812

Total vessels
in 2025

587 (33%)

Fishing Vessels
(largest type)

126 (7%)

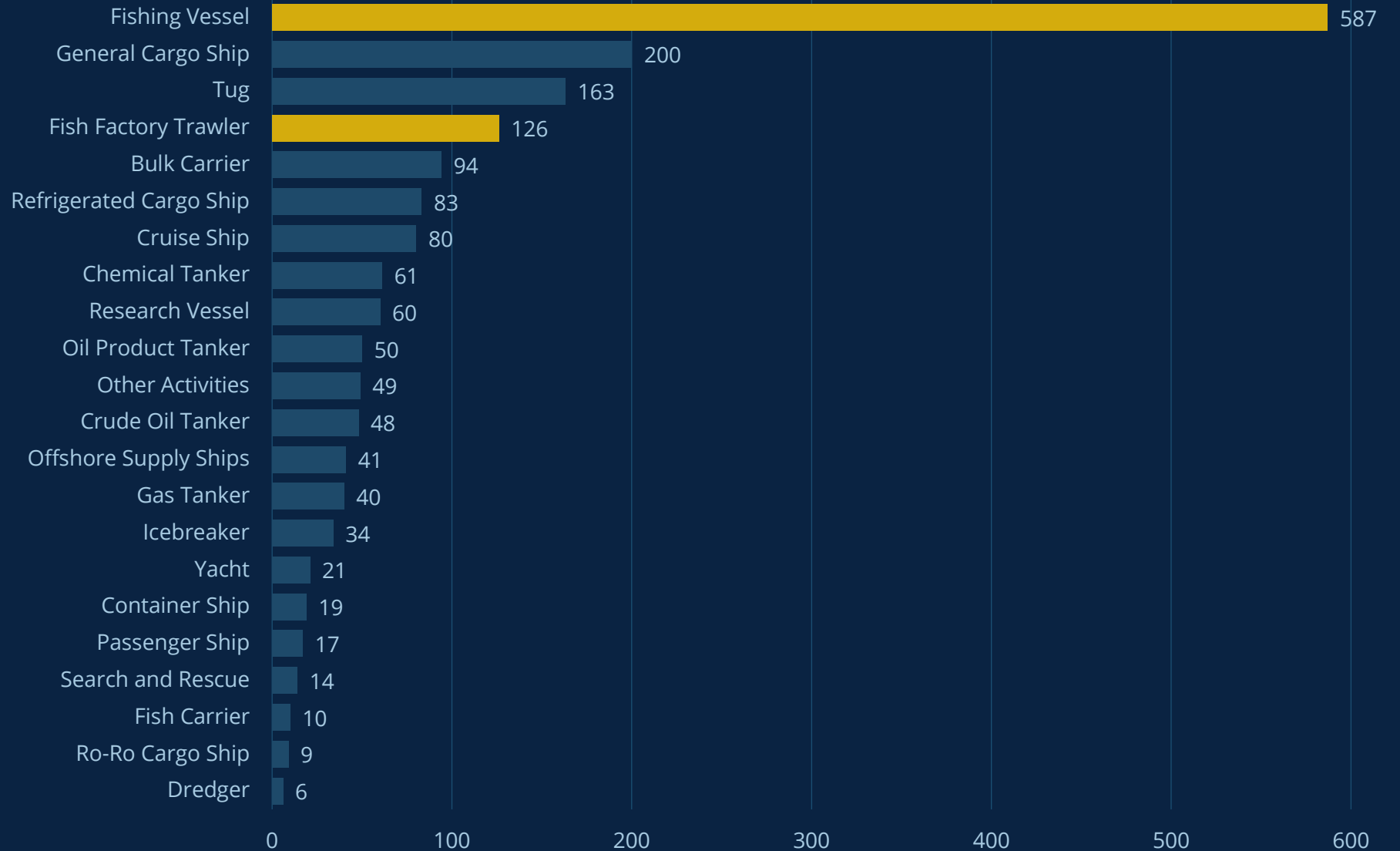
Fish Factory
Trawlers

40%

of all Arctic traffic

Arctic Vessel Traffic by Ship Type · 2025

Total vessels: 1,812 · Fishing Vessel and Fish Factory Trawler highlighted



ARCTIC FISHING VESSELS

*Fishing vessel traffic
in the Arctic region*

721

Peak vessels
(2021)

705

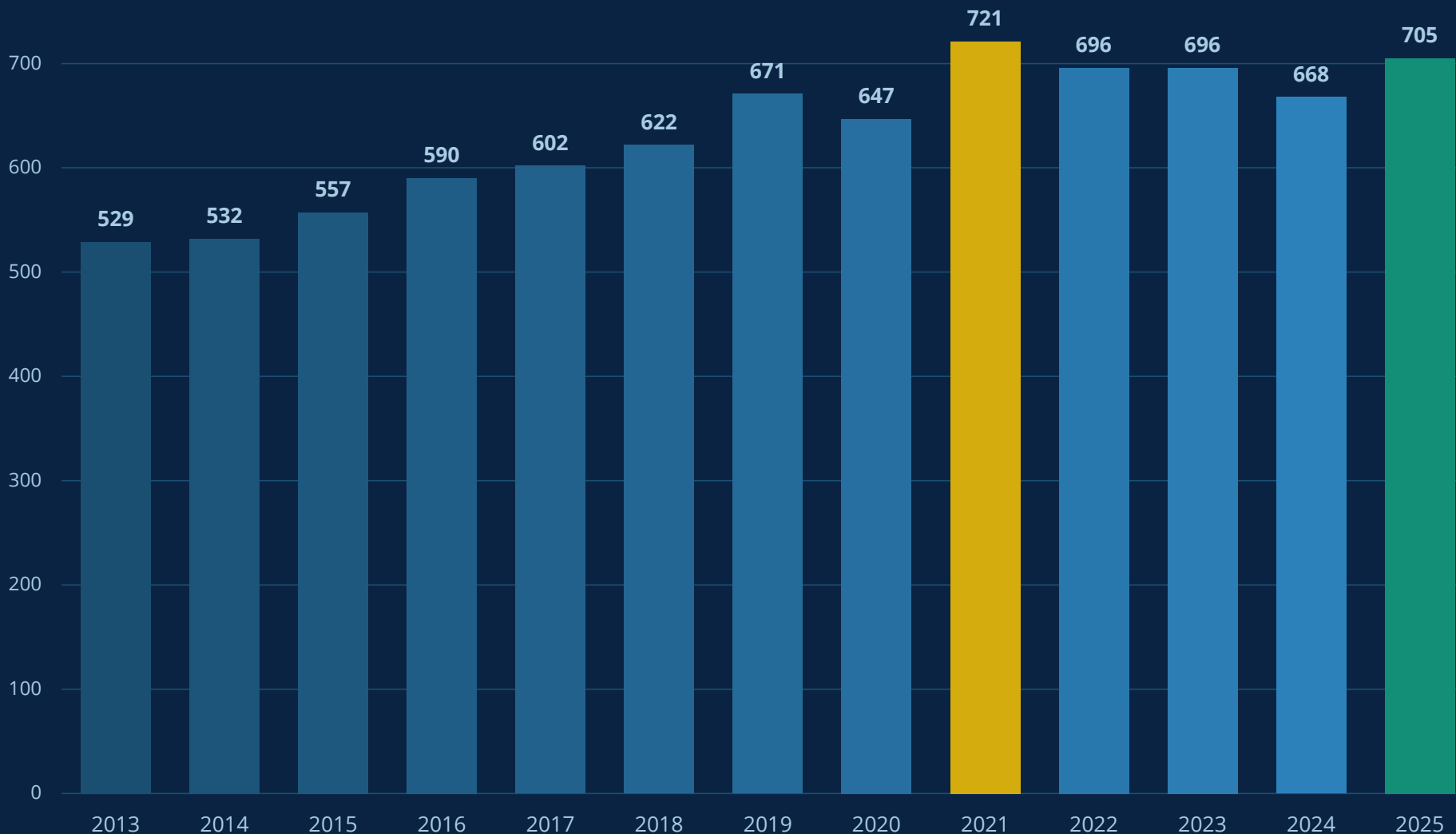
Vessels in
2025

+33%

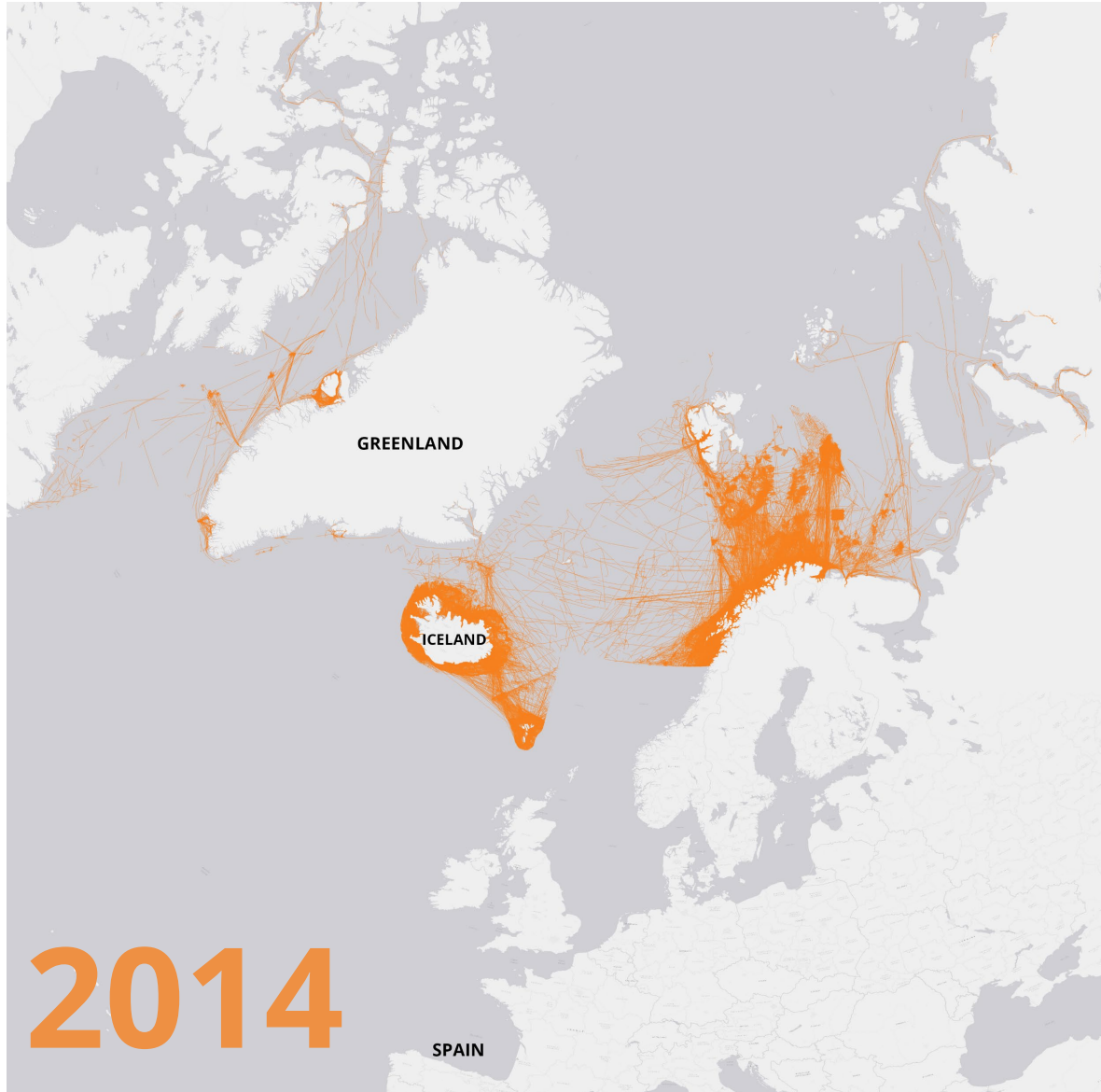
Growth since
2013

Fishing Vessels in the Arctic Polar Code Area · 2013–2025

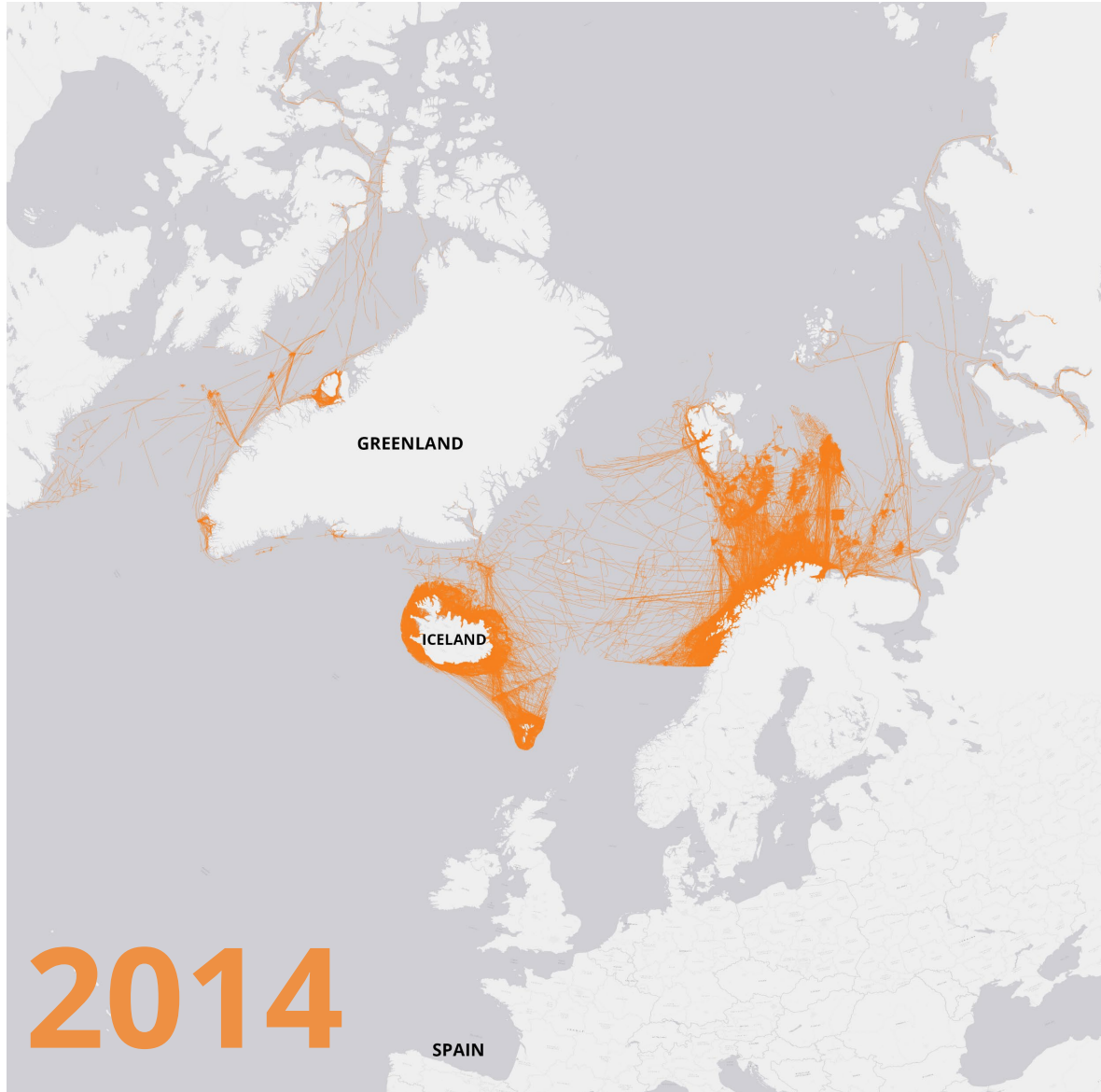
Unique Fishing Vessels – Each ship is only counted once



ARCTIC FISHING VESSEL ANALYSIS



ARCTIC FISHING VESSEL ANALYSIS



SUMMARY

PRESENTATION
**FISHING VESSELS IN
THE ARCTIC: ANALYSIS**

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ARCTIC SHIPPING GROWTH

- Unique ships in the Polar Code area up **+40%** in 12 years — **1,298** in 2013 to a record **1,812** in 2025
- PAME's ASTD Program allows for detailed analysis of Arctic ship traffic

MORE VESSELS MEANS MORE PEOPLE AT RISK

- More vessels means more people in the Arctic onboard fishing vessels
- Fishing vessels spend extended time at sea in unpredictable conditions, raising the risk of accidents

FISHING VESSELS DOMINATE ARCTIC TRAFFIC

- Fishing Vessels are the single largest ship type with **587 vessels** — more than double the next category
- Combined with Fish Factory Trawlers, fishing accounts for **40%** of all Arctic vessel activity

NORTHWARD EXPANSION STRETCHES RESCUE CAPACITY

- Vessels pushing further north face **less infrastructure** and more extreme weather
- Greater distances mean **longer SAR response times** — where each minute counts