

Competence. Track record. Trust. Built in harsh arctic conditions.

Marine survey competence with longstanding track record and trust earned in harshest conditions

The Seabed: Critical Infrastructure of diverse interests

Two forces are converging on the underwater domain simultaneously:

01

The energy transition is placing unprecedented infrastructure on the seabed: wind farm foundations, power cables, hydrogen pipelines and interconnectors spanning entire sea basins. Every new asset requires survey work before, during and after construction.

The Seabed: Critical Infrastructure of diverse interests

Two forces are converging on the underwater domain simultaneously:

02

Subsea defense and security: Rising geopolitical friction has turned the seabed into a monitored domain. Governments and NATO allies now require continuous seabed mapping to track baselines, protect critical assets, detect threats, and execute post-event damage assessments.

Where energy meets security, demand for trust compounds.

Today, a single patch of seabed may need to be surveyed for a wind farm permit, monitored for NATO's Baltic Sentry operation, and inspected for critical infrastructure asset owners.

The survey missions can serve energy and defence industry operations and environmental requirements on a single deployment.

Mandatory compliance frameworks now enforce surveying year-round, making subsea data a permanent operational necessity across sea basins.



Where energy meets security, demand for trust compounds.



The key demand drivers:

1

Offshore wind

Pre-construction site investigation and ongoing O&M across a growing installed base.

2

Decommissioning

A £27 billion North Sea wave generating survey demand at every stage of removal.

3

Environmental and regulatory compliance

Mandatory survey work independent of market conditions

Where energy meets security, demand for trust compounds.



The key demand drivers:

4

Critical infrastructure protection

Baseline inspection, continuous monitoring and anomaly detection driven by NATO and EU security programmes

5

Seabed mapping gaps

Large portions of the Baltic and Finnish sea and north sea areas remain insufficiently mapped to modern standards, compounded by a significant unexploded ordnance legacy from two world wars



We understand the assignment

The current marine survey operating environment is demanding; the regulatory context is specific, and the consequences of poor data* quality and handling, are significant.

*for permitting, construction, costs, national infrastructure or security.

What matters

The operator has delivered under the most challenging conditions, has the right skills and technology, holds the trust of the authorities who govern them, and brings a quality assurance process to stand up to regulatory, legal and national security scrutiny.

These are not qualities that we assemble for a tender. **They are what Arctia has learned and earned over decades.**



Proven arctic competence with process precision

1) Government-trusted operations in demanding waters

Arctia is 100% government owned and trusted. We support critical maritime infrastructure year-round along NATO's eastern flank. Backed by in-house icebreaking capabilities and a Polar Code certified vessel, we operate in extreme high-latitude conditions that keep standard vessels in port.

Demanding harsh environments are our everyday workplace.



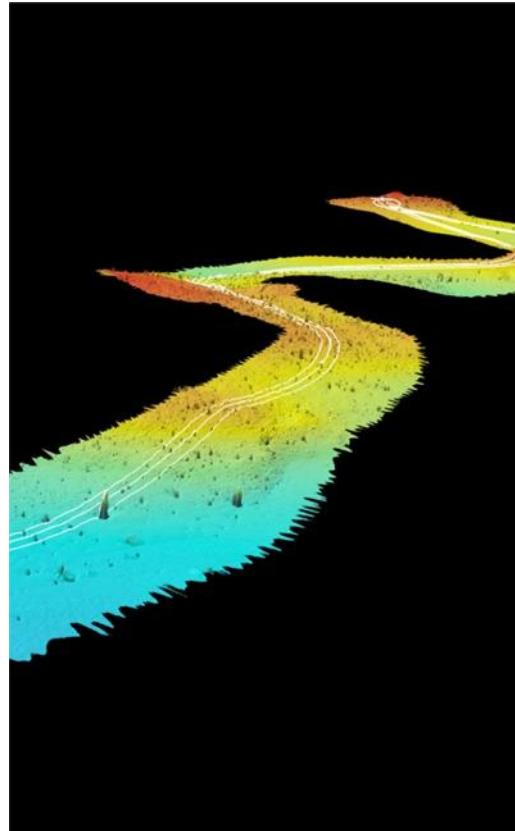
2) Streamlined deployments and lower emissions



By deploying multi-skilled crews and adaptable vessels, we execute marine surveys and environmental research scopes simultaneously on a single mobilization. Centralizing our data processing onshore and keeping our fleet and operations lean, we keep our delivery dates, and reduce costs, fuel consumption and emissions across the value chain.



3) Rigorous process precision for high-stakes decisions



Because our deliverables support critical national security and major infrastructure investments, all workflows are governed by strict quality assurance protocols to guarantee precise, verified, and ready-to-use data.

Proven polar competence with process precision

Offshore wind — full project lifecycle

- Pre-study and feasibility
- Investment calculation and permitting
- Construction phase
- Operations and maintenance

Baltic sea specialized services

- Hydrographic survey
- Specialist and small-scale survey
- Geotechnical expertise

Geophysical survey

- Multibeam echo sounding (MBES)
- Side scan sonar (SSS)
- Sub-bottom profiling (SBP)
- Reflection seismic profiling
- Magnetometer
- LiDAR surveys for shallow water areas
- Laser scanning and scanning sonar

Geotechnical survey

- Geotechnical field testing
- Vibrocoring
- Geotechnical drilling from own barge
- Offshore and onshore sediment sampling
- Laboratory testing for geotechnical and geochemical analysis

Subsea operations

- ROV surveys
- Diving services
- Cable and pipeline installation and measurement

Maritime services

- Oil spill response
- Vessel and transport services

Data and reporting

- Detailed reporting including depth maps and digitised spatial datasets

Arctia in brief



A full-service provider across geophysical, geotechnical and environmental survey disciplines, with the capacity to manage the entire project lifecycle from permitting to final reporting.

Our certificates

- NATO / NCage
- ISO 9001 (quality)
- ISO 14001 (environment)
- ISO 45001 (occupational health and safety)
- RALA qualification
- Polarcode -certified vessel



Arctia in brief

Key figures:

83 M€

Revenue

90+

Customers

80+

Projects per year

400+

Personnel

100 %

State ownership share



Arctia in brief

Key figures:

2,500+ km²

Hydrographic & geophysical surveys annually

40,000+

Survey line-km annually

1,200+

Survey days annually

55 | 7

Vessels | Marine survey & research vessels



Key capabilities

1

Northern Europe's largest fleet of survey vessels and platforms.

2

Seven state of the art marine survey vessels suitable for open sea, coastal and inland waterways.

3

Mobile survey platform deployable worldwide.

4

Full survey technology suite: MBES, single-beam, SSS, SBP, ROV, laser scanning, scanning sonar, magnetometer and geotechnical field testing.

5

Collaboration with accredited environmental and geotechnical laboratories for sample analysis.

6

Deep understanding of Baltic Sea survey challenges — shallow coastal geology, ice conditions, complex sediment environments.

