

Baltic Sea e-Nav

Shared Waters same Standards

Agenda item D.10, Sweden

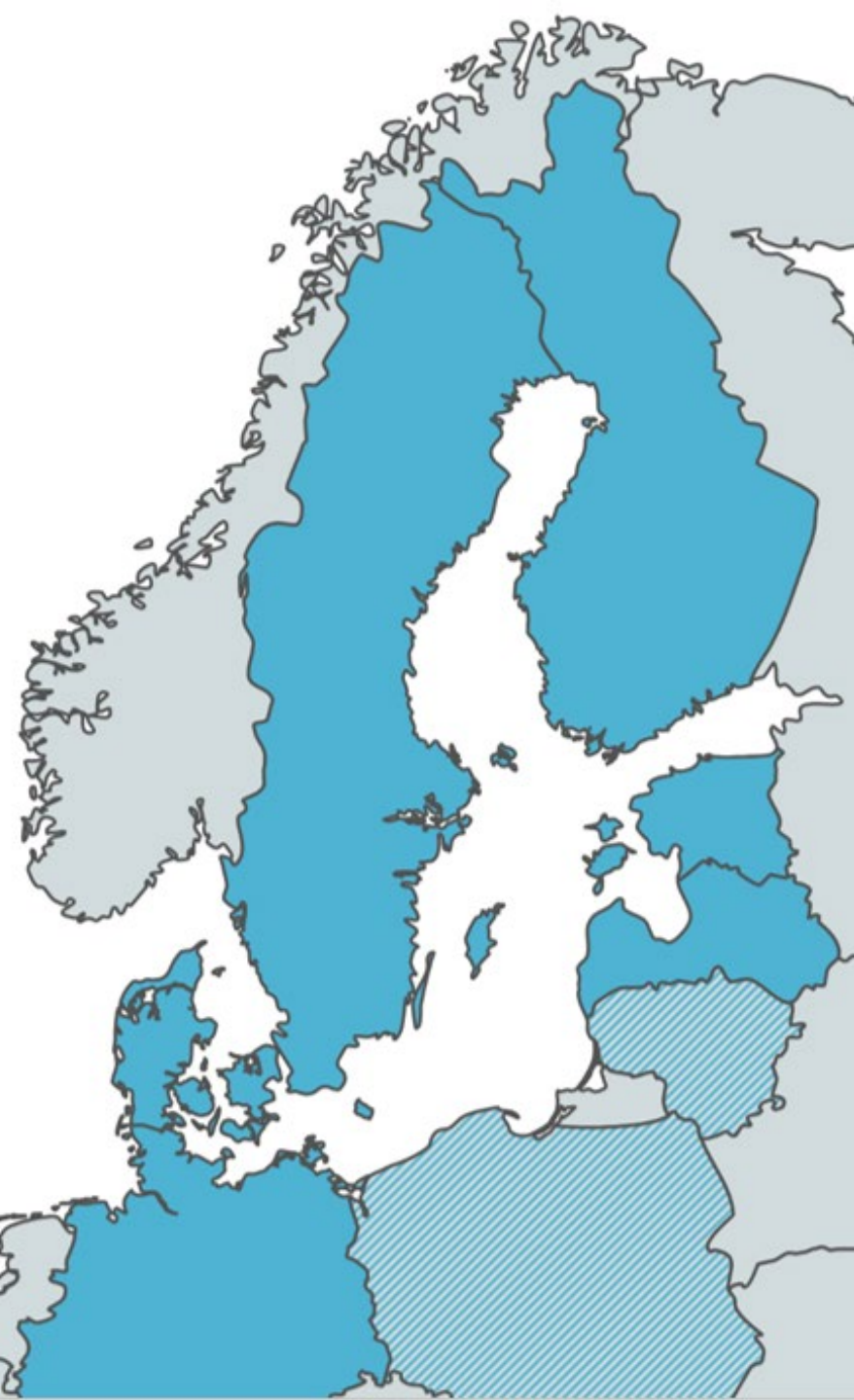


Baltic Sea e-Nav – Scope

November 2023 – October 2026

- Application submitted 14 March 2023
- **Was approved June 2023 😊**

| Goal | Period |
|--|-----------|
| Develop production capabilities for S-101 ENC, S-102 bathymetry and in Finland S-104 water level and S-111 surface currents | 2023-2025 |
| Establish harmonization rules for S-10x-products, under the BSHC umbrella | 2024-2026 |
| Test, evaluate and refine the S-10x products | 2025 |
| Commercial rollout for S-101 and S-102 in the Baltic Sea. S-104 and S-111 in parts of FI. | 2026 |



Baltic Sea e-Nav – Partnership

Hydrographic offices:

SE (coordinator), DE, FI, DK, EE, LV (Associated: LT, PL)

Academia:

RiSE (SE), SAMK (FI)

Private sector:

ECDIS OEM – Furuno

Meteorological agency:

Finnish Meteorological Institute

RENCs:

(Associated: PRIMAR, IC-ENC)

NSHC-37, Malmö Sweden, 9 - 10 April 2024

Baltic Sea e-Nav – Financing

- Programme Interreg Baltic Sea Region
- Postponed with one year after rejection of the project the first attempt (September 2022).
- Approximately 5 MEuro

Interreg
Baltic Sea Region



Co-funded by
the European Union



Ongoing in the project

- Kick-off meeting in Stockholm, November 2023
- Activities on producing S-101 test data and start to discuss harmonisation rules have started. SMA is activity lead for S-101.
- S-102 activities just recently started. BSH is activity lead.
- S-104 and S-111 activities just recently started. FMI is activity lead.
- Designing of test for the test beds has started. Academia partner RiSE is activity lead.
- Second full scale Baltic Sea e-Nav meeting in Helsinki, April 2024.

SINCERE – Innovation regarding UKCM

Application to Horizon Europe submitted – **rejected in August 2023**

| Goal | Period |
|--|------------------|
| Mainstream the use of dynamic Under Keel Clearance Management (UKCM) systems through the open release of a reference implementation to be used by companies that develop maritime information display systems. | 2024- Q3/2025 |
| SMA: SE participation in S-129PT to prepare the S-129 standard also for <i>ship based services</i> (Göteborg). | 2024- 2026 |
| SMA: Provide test data in Göteborg (S-101, S-102, S-104), together with PRIMAR. | 2024- 2025 |
| SMA: Establish cooperation with SMHI (SE Met- and Oceanographic Adm.) and SHOM | 2024- 2025 |

S-129:
Under Keel
Clearance
Management

Partners: RiSE (coordinator – SE), SMA (SE), SHOM (FR), SMHI (SE), Kongsberg (NO), PRIMAR/ECC (NO), and others

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NSHC-37 is invited to:

1. Note the Baltic Sea e-Nav report
2. To note that harmonisation rules developed in the Baltic Sea e-Nav project will be presented through established BSHC WG to BSHC for approval. Outcome can be reported to NSHC.
3. Take any action as appropriate