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HELCOM Re-Survey Scheme Assessment Report

HELCOM Maritime 19 item 10-3 & 10-4
25.9.2019

Seppo Mäkinen

"Players"

HELCOM MINISTERIAL MEETING COPENHAGEN 3 OCTOBER 2013

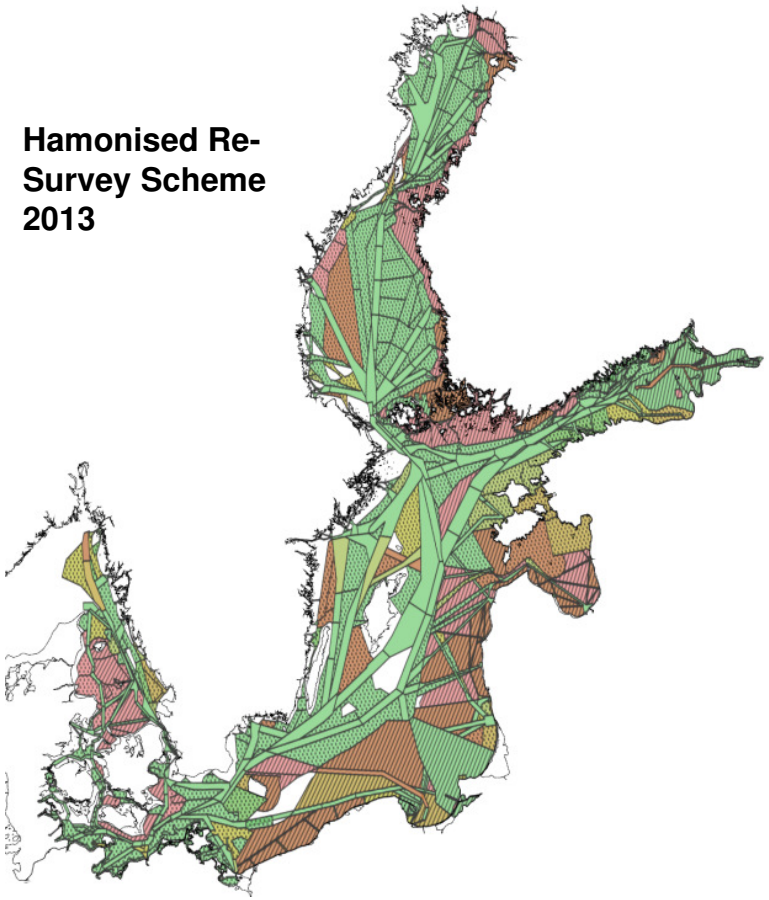
Declaration

HELCOM MARITIME

INTERNATIONAL MARITIME ORGANIZATION

SOLAS V

Hamonised Re-Survey Scheme 2013



EUSBSR
EU STRATEGY FOR THE BALTIC SEA REGION

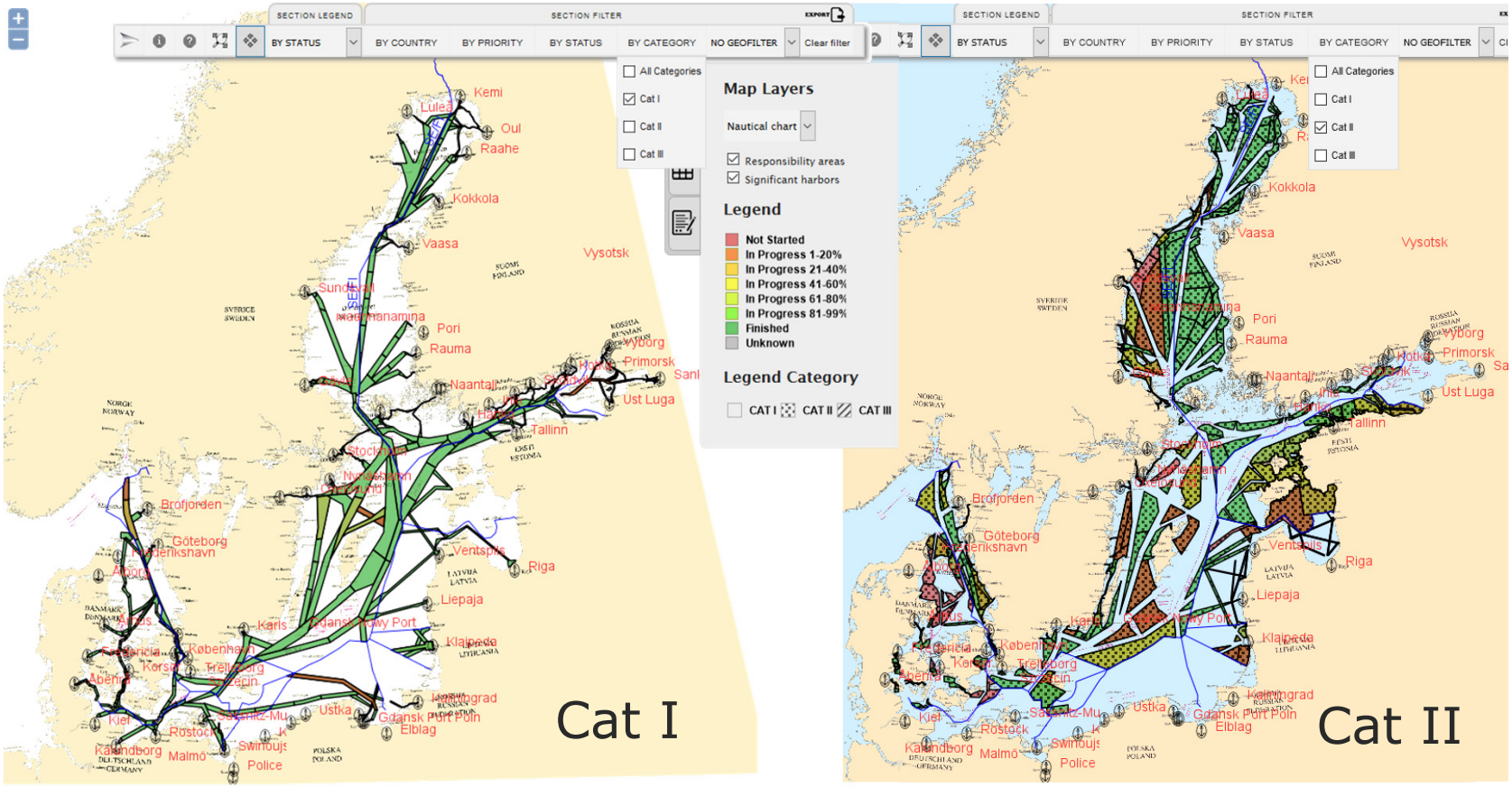
POLICY AREA 'SAFE'

BALTIC SEA HYDROGRAPHIC COMMISSION
BSHC

FAMOS

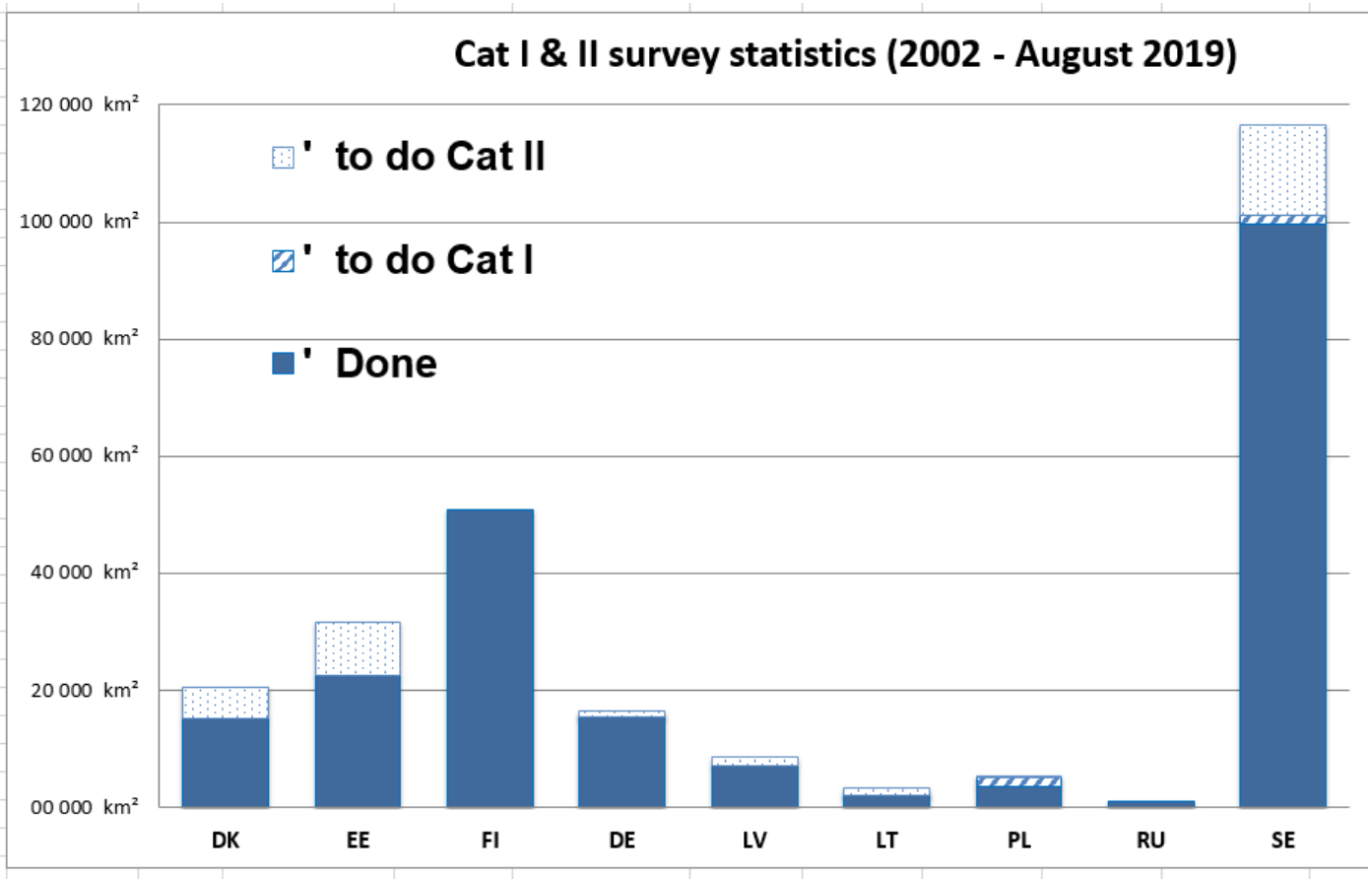
BSHC Monitoring Working Group

Database maintained at SMA, Cat I & II status



https://helcomresurvey.sjofartsverket.se/

HELCOM Cat I & II areas remaining to be surveyed (based on the Copenhagen 2013 decision)

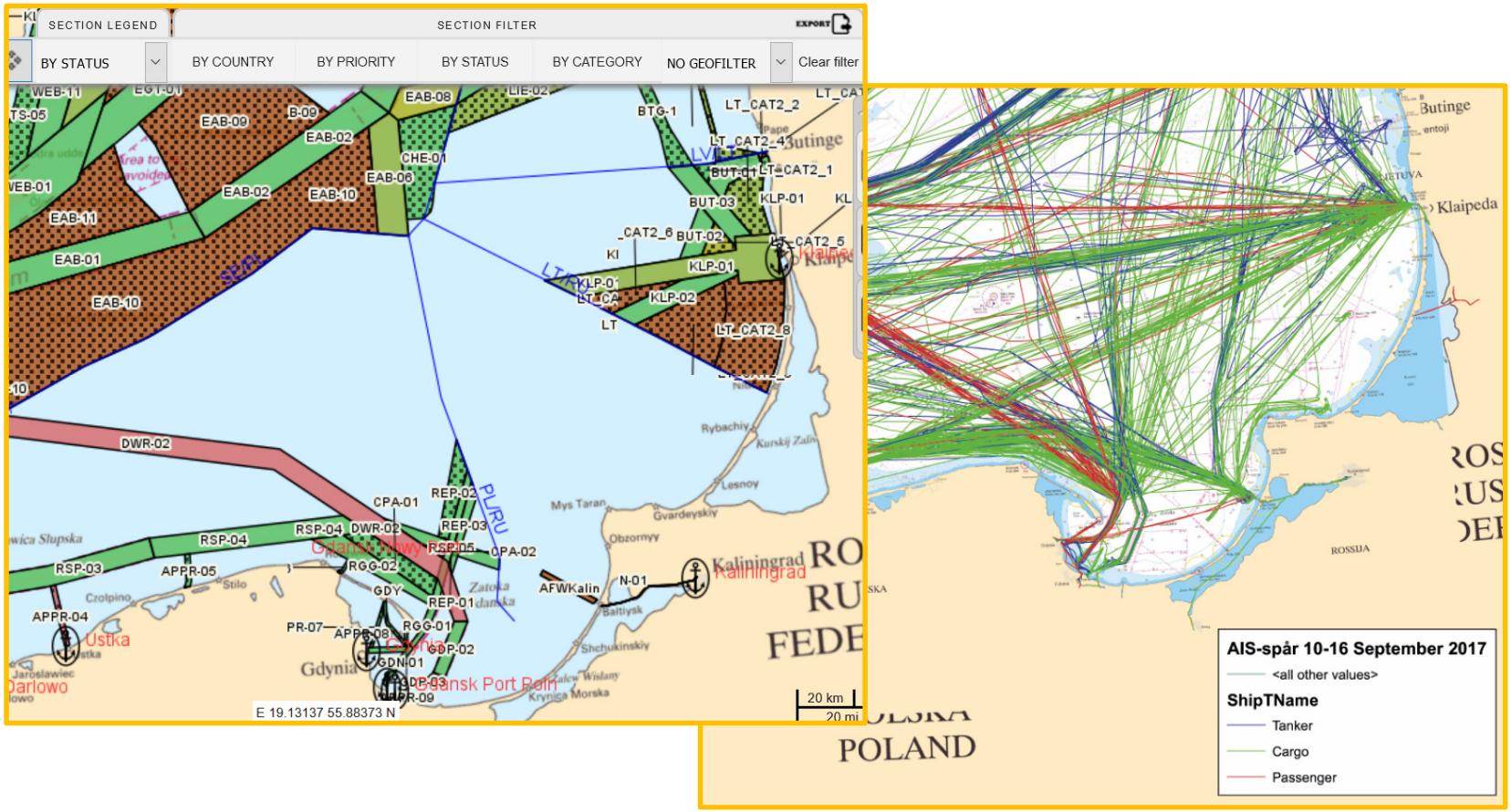


HELCOM Cat I / II / III statistics (figures)

Country	CAT I [year]	Cat I area total / remaining [~km²]	CAT II [year]	Cat II area total / remaining [~km²]	CAT I & II total [~km²]	CAT III [year]	Cat III area remaining [~km²]	Cat III area total [~km²]
Denmark	2013	3 073 / 0	2030	12 085 / 5 457	21300	not specif		
Estonia	2015	5 960 / 0	2035	25 651 / 9 065	31611	2026	4 060	4320
Finland	2016	22 321 / 0	2016	28 678 / 0	51000	2040	21 000	31042
Germany	2019	XXX / 230	2025	XXX / 950	15400	not applic	0	0
Latvia	2015	2 500 / 0	2022	6109 / 1376	8609	2045	20 500	20500
Lithuania	2019	1 569 / 1	2025	1 823 / 1 141	3400	2039	2 736	3041
Poland	2021	4 343 / 1 403	2020	906 / 153	5249	2039	19964	24180
Russia	2018		2018		1200	2017		
Sweden	2022	48 568 / 1 491	2022	69 538 / 15 421	118 106	not specif	39 000	

An informal goal is to have Cat I & II areas relevant for commercial shipping completed by end of 2020. Full first coverage on 2030. Continuous re-surveying needed in some routes and areas due to environmental and sea bottom changes.

Raising awareness on Southeast Baltic Sea



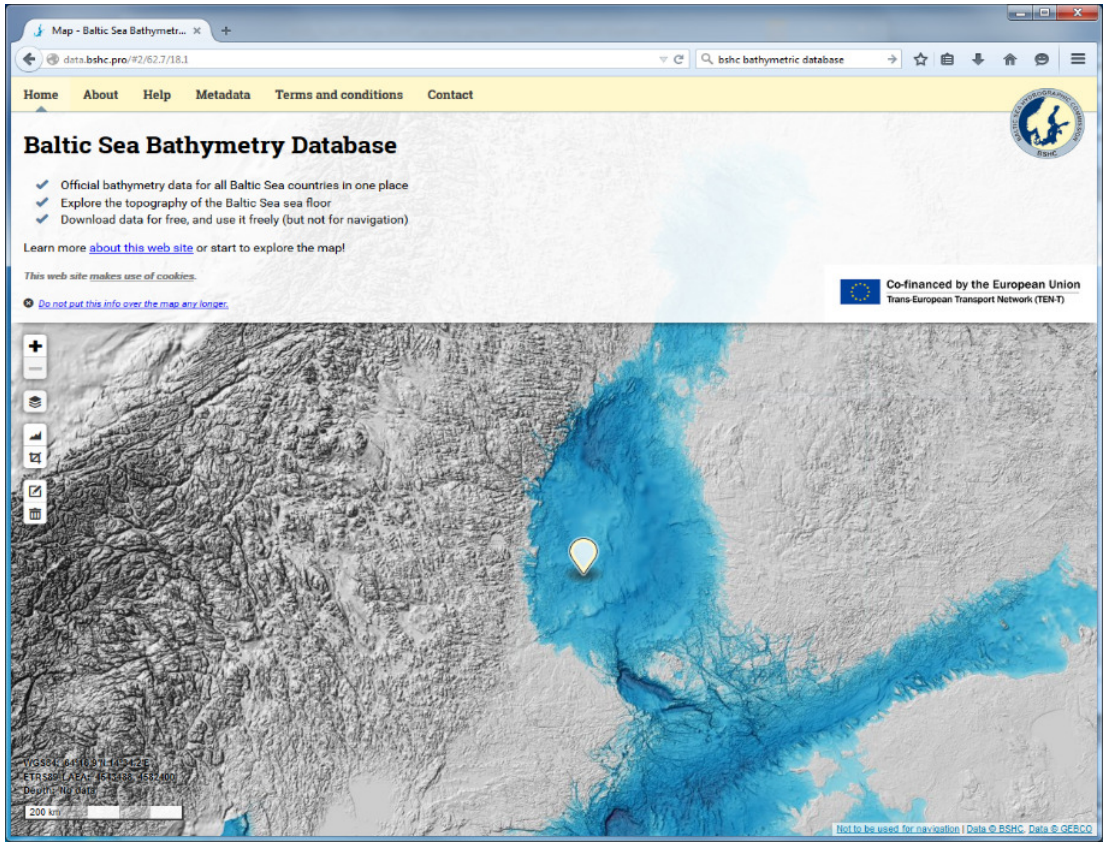
BSHC Baltic Sea Bathymetric Database

Open data

The BSHC database is updated about 1-2 times annually by the Member States, as new data has been surveyed and verified.

Data is an averaged depth model for various scientific free use with Creative Commons License.

http://data.bshc.pro

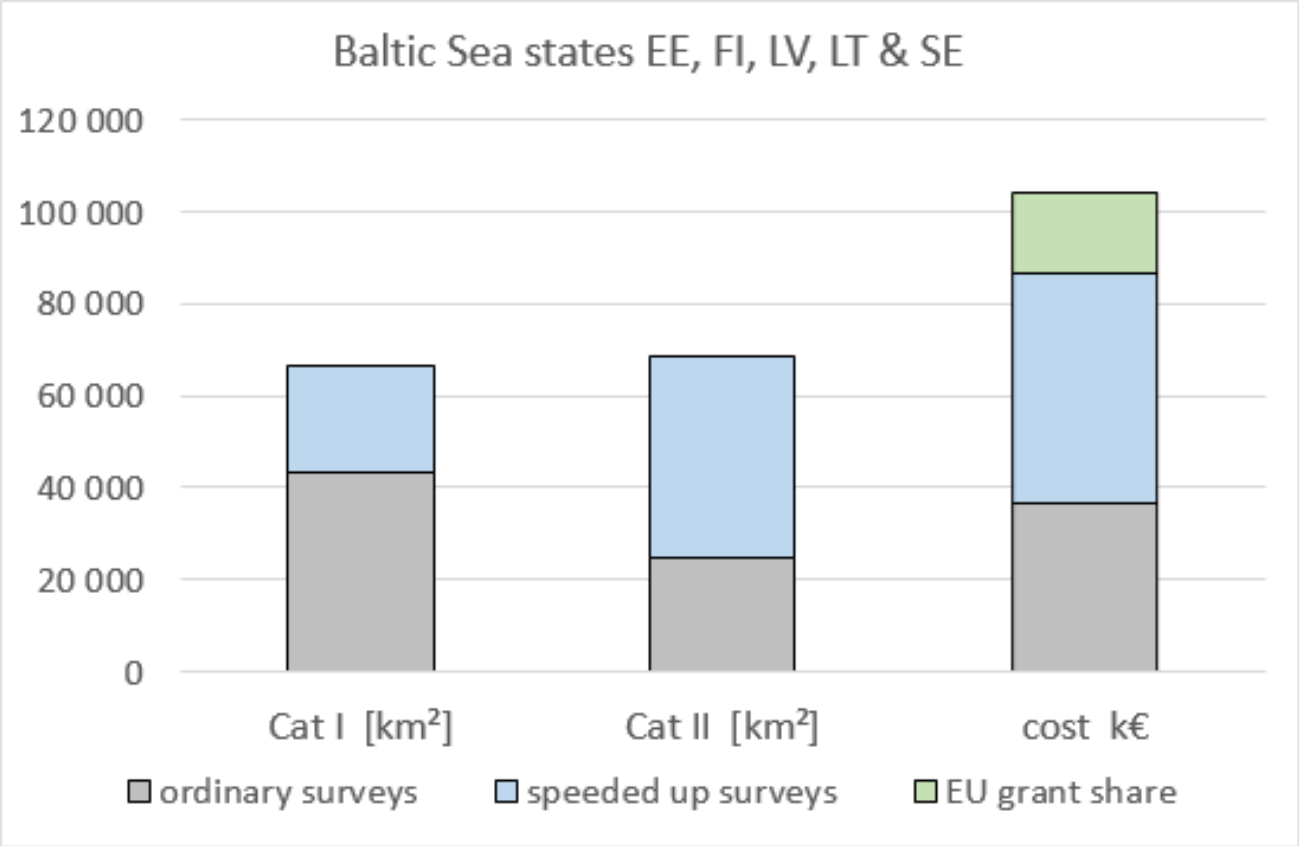


Re-Survey Scheme Assessment Report findings

- ~96% of Cat I areas and ~77% of Cat II areas are completed by end of 2018, having 2 more field seasons to complete the informal goal of 99% of areas relevant for commercial shipping;
  - The ordinary Baltic Sea Member States surveys have covered about 55.000 km²;
  - EU Grants have speeded up the surveys so far with extra 66.000 km² completed (EE, FI, LV, LT, SE) with **48 M€** of Member States own national financing and **17,7 M€** extra on top from EU INEA / TEN-T Grants;
- Work processes efficiency has increased and more co-operation between MSs has taken place (also benchmarking);
- Benefits have been largely e.g. in commercial shipping safety, efficient route planing, Maritime Spatial Information (for Baltic Sea Bathymetric Model, STM and Maritime Spatial Planning), SAR activites and oil recovery contingency;
- In some areas continuous re-surveying is needed due to changing environmental and sea bottom conditions;
- This data provides base for S-102 depth models;

HELCOM Re-Survey Scheme progress 2002-2018

HELCOM Cat I & II surveys during 2002-2018 in EU TEN-T / INEA CEF program participating Member State. The significance in **speeding up** re-surveys and **EU grant** financing.



HELCOM Re-Survey Scheme Assessment Report for HELCOM Maritime 19 (24.-26.9.2019 Lisbon)

HELCOM Maritime 18 (Hamburg, 2018) stated, that Re-Survey Scheme is coming to it's completition (in 2020 and therefore removed from BS Action Plan). At HELCOM Maritime 18 MWG Chair Seppo Mäkinen presented the then current status and informed of an assessment report to be presented at HELCOM Maritime 19.

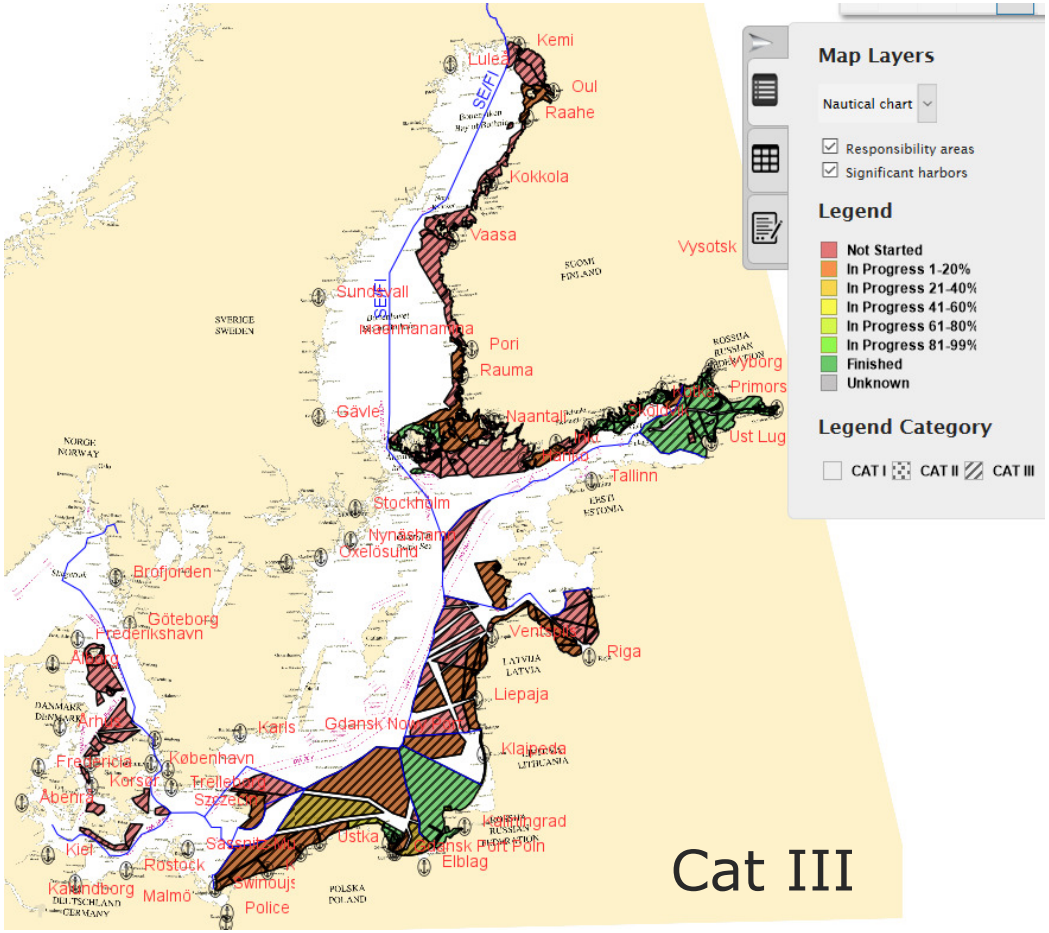
BSHC MWG discussed the Scheme at its' meeting 19 in Tallinn of an update to the Scheme to include CAT III areas and therefore a possibility to include the updated Scheme to the new Baltic Sea Action Plan (2021). This would give the Re-Survey work necessary political backbone also at EU SBSR and for applying EU Grants.

BSHC24 decided in Gdansk on 11.9.2019 to update the Re-Survey Scheme with Cat III areas and the MSs were encouraged to inform their HELCOM Maritime HODs of a proposal and to support to include updated Re-Survey Scheme into the new BS Action Plan 2021;

Cat III areas at https://helcomresurvey.sjofartsverket.se/

BSHC24 has decided on the update of HELCOM Re-Survey Scheme to include Cat III areas and the respective timetable.

HELCOM Maritime 19 is asked to consider this updated Re-Survey Scheme as part of the new Baltic Sea Action Plan 2021



Co-financed by the European Union
Connecting Europe Facility

HELCOM Maritime 19 is invited to

- Note the BSHC24 report on Re-Survey progress
- Approve Re-Survey Scheme Assessment report (ver 2002 – August 2019)
- Approve BSHC24 plan to update the Re-Survey Scheme to include HELCOM Cat III areas and the timetable for re-surveys during 2020
  - plan expected to be ready in June 2020 -> BSHC25 -> HELCOM Maritime 20
- Consider updated Re-Survey Scheme to be included into new Baltic Sea Action Plan (2021)

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Thank You

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