



National report Denmark

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National monitoring

WBBK

- PAM in SACs – at present in Northern Sound and Femern Belt.
- PAM results in Great Belt, Kalundborg Fjord, Little Belt and Flensborg Fjord shown a steady increase in detections since 2012.
- MiniSCANS-II in July 2020 – by aerial survey coordinated and funded by Germany, Denmark, and Sweden completed.

BALTIC PROPER

- PAM monitoring around Bornholm June 2018 – June 2019 and planned repeated every 3rd year.



Bycatch

- DTU Aqua project on pingers and conflict areas (HELCOM Action project) – report finished and send to HELCOM (Lotte KL + Sara K)
- Large pinger project (2019-2021, AU, DTU Aqua, Fjord&Belt): examine distance effects, test different types of pingers in real fisheries, drone study of reaction to pingers – field work finished. Report ultimo 2021.
- Monitoring of bycatch with videos on fishing boats - currently 8 boats in WBBK area. Now part of DCF (Data Collection Framework) – will continue.
- Analysis of REM data on porpoise bycatch – report 2020
- Estimation of drop-out rates in gillnets; field work planned for Autumn 2021.
- Trials of gillnets with thinner twine to reduce bycatch; ongoing Spring-Summer 2021.
- Fishing trials of pearl nets (see Isabella Kratzer's PhD) to look at effects on target species catch rates; Autumn 2021.



Conservation projects/research

- HELCOM indicator for abundance and distribution group – work continued
- HELCOM indicator for health and reproduction initiated - Line Kyhn represents Denmark

AU research projects

- TANGO change major shipping line 2019-2021. Field work finished aug 2021.
- Collection of up to 20 carcasses annually to be examined
- Blubber thickness project: To report and develop on the HELCOM indicator for nutritional state
- SATURN 2021-2025: Impacts of disturbances on marine populations – the importance of animal movements and energetics. Tagging of porpoises.

Out reach

- Fjord&Belt in Kerteminde "Marine Tracker" app for porpoise detections
- Middelfart listening station, 2017 – ongoing

<https://www.youtube.com/watch?v=aPOIRi9Ouls> and
<https://bios.au.dk/forskningraadgivning/temasider/baelt-i-balance/>

