

# NSG12 - Bycatch

- 2.1 Implementation of existing regulations on bycatch of cetaceans (Action 2)
- 2.2 Establishment of bycatch observation programmes, small vessels (Action 3)
- 2.3. Regular evaluation of all fisheries with respect to extent of harbour porpoise bycatch (Action 4)
- 2.4 Review of current pingers, development of alternative pingers and gear modifications (Action 5)

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## 2.1 Implementation of existing regulations on bycatch of cetaceans (**Action 2**)

- Sweden: Reg 2019/1241

2023, no Swe vessels have been fishing in this area, during the time period or with gears that are obliged to have pingers.

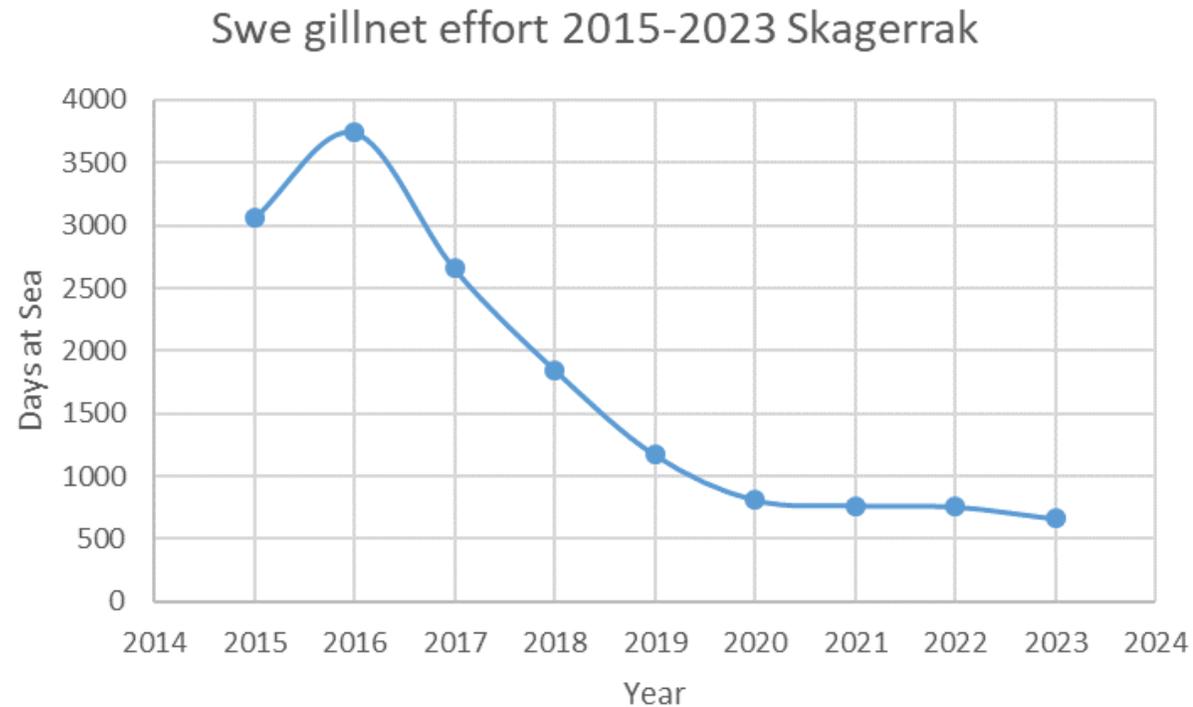


## 2.2 Establishment of bycatch observation programmes, small vessels (**Action 3**)

- 2017-2019 Pilot project, observer program in the South Baltic, the Sound and Kattegat, 97 observer days
- 2020-2021 Pilot project MEM (Mobile Electronic Monitoring), 490 monitored days
- 2022 MEM and Observers in gillnet fisheries in Skagerrak, Kattegat, the Sound and Baltic Sea: 363 monitored days, 58 observer days
- 2023 MEM and Observers in Kattegat, the Sound and Baltic Sea: 400 MEM monitored days, 132 observer days
- Further work on AI detection models to be used in EM monitoring. Focus on blurring out people and detection of bycatch

## 2.3. Regular evaluation of all fisheries with respect to extent of harbour porpoise bycatch (**Action 4**)

- Swedish gillnet fishing effort decrease in Skagerrak



## 2.4 Review of current pingers, development of alternative pingers and gear modifications (**Action 5**)



- Evaluating harbour porpoise presence around a new modified pinger developed by Future Ocean
- Study on two pinger models developed by Future Ocean (Netguard and Netshield anti-degradation) in commercial fisheries
- Participating in CIBBRINA
- Study of visual acoustic modifications to decrease bycatch, M.Sc. thesis 2023, will continue in CIBBRINA.

## 2.4 Review of current pingers, development of alternative pingers and gear modifications (**Action 5**)

- Developing alternative gears for catching flatfish (plaice and turbot)
- Ongoing gear development...





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