

# What's going on in Sweden?

## Reducing bycatch of marine mammals and birds

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# Cod pot implentation program

Fishermen's design

Fishermen's commitment and involvement

The pots are only a loan

Obliged to fish for a month

3 fishermen fishing for cod with pots

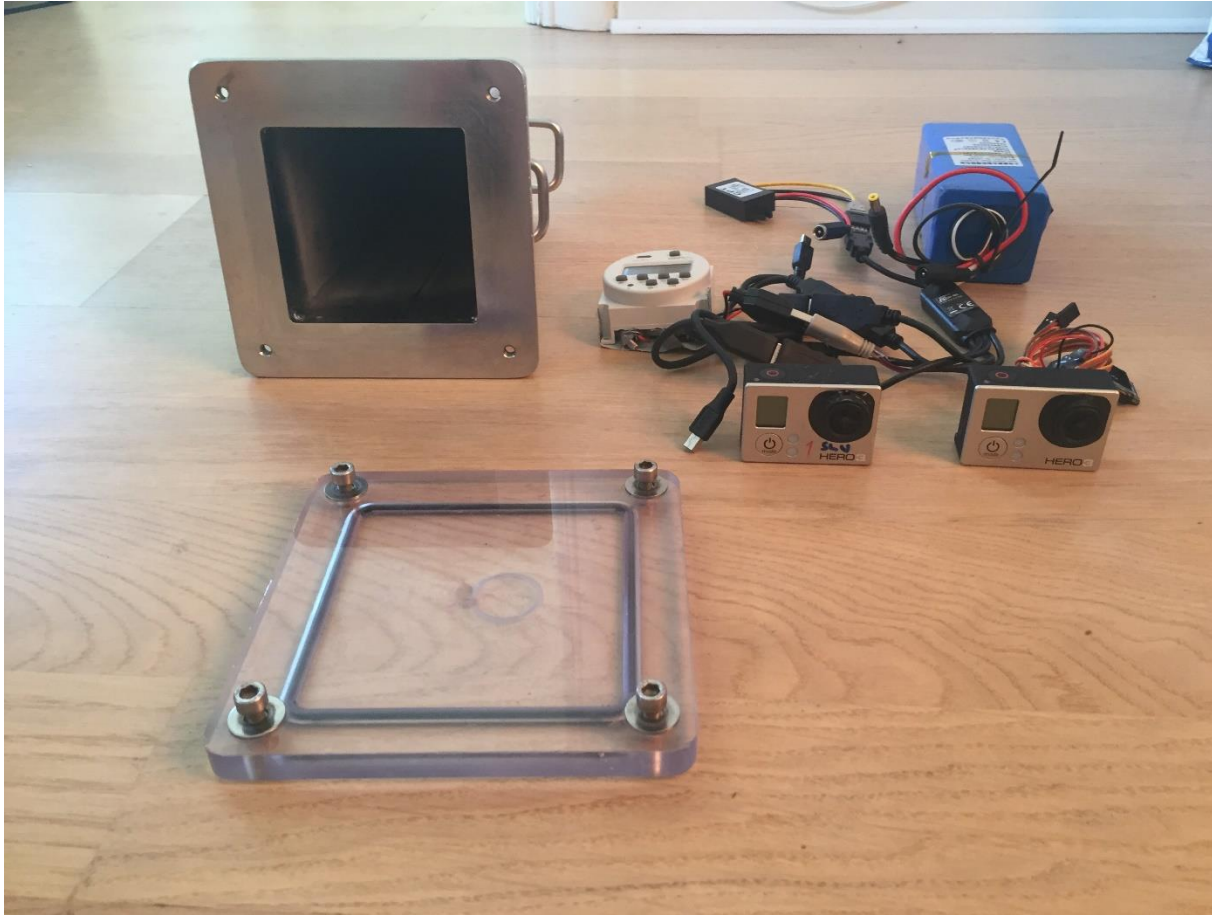


# Pinger implementation programs



2018: 20 fishermen use pingers in 2018

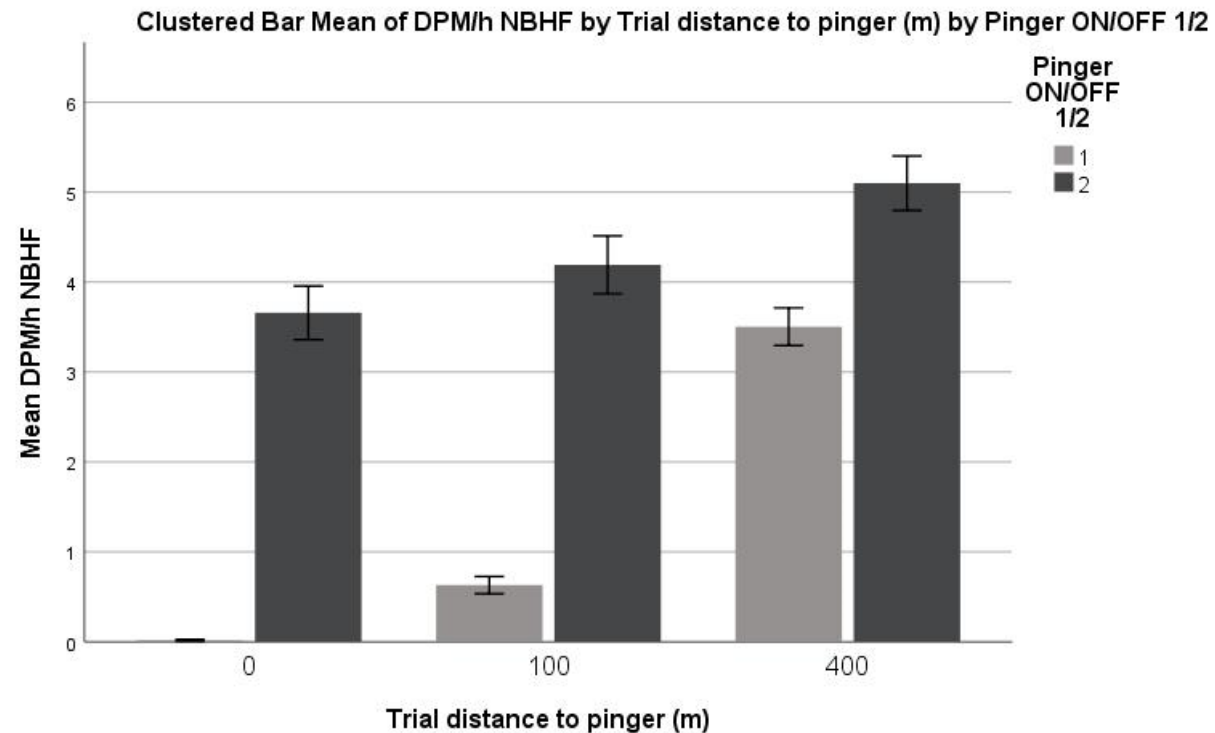
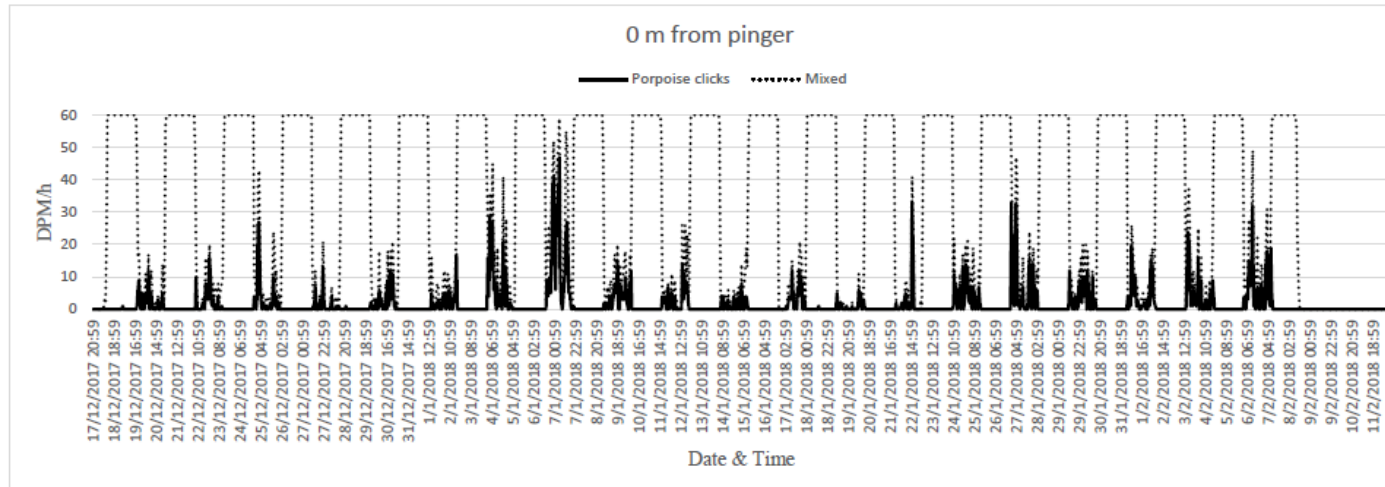




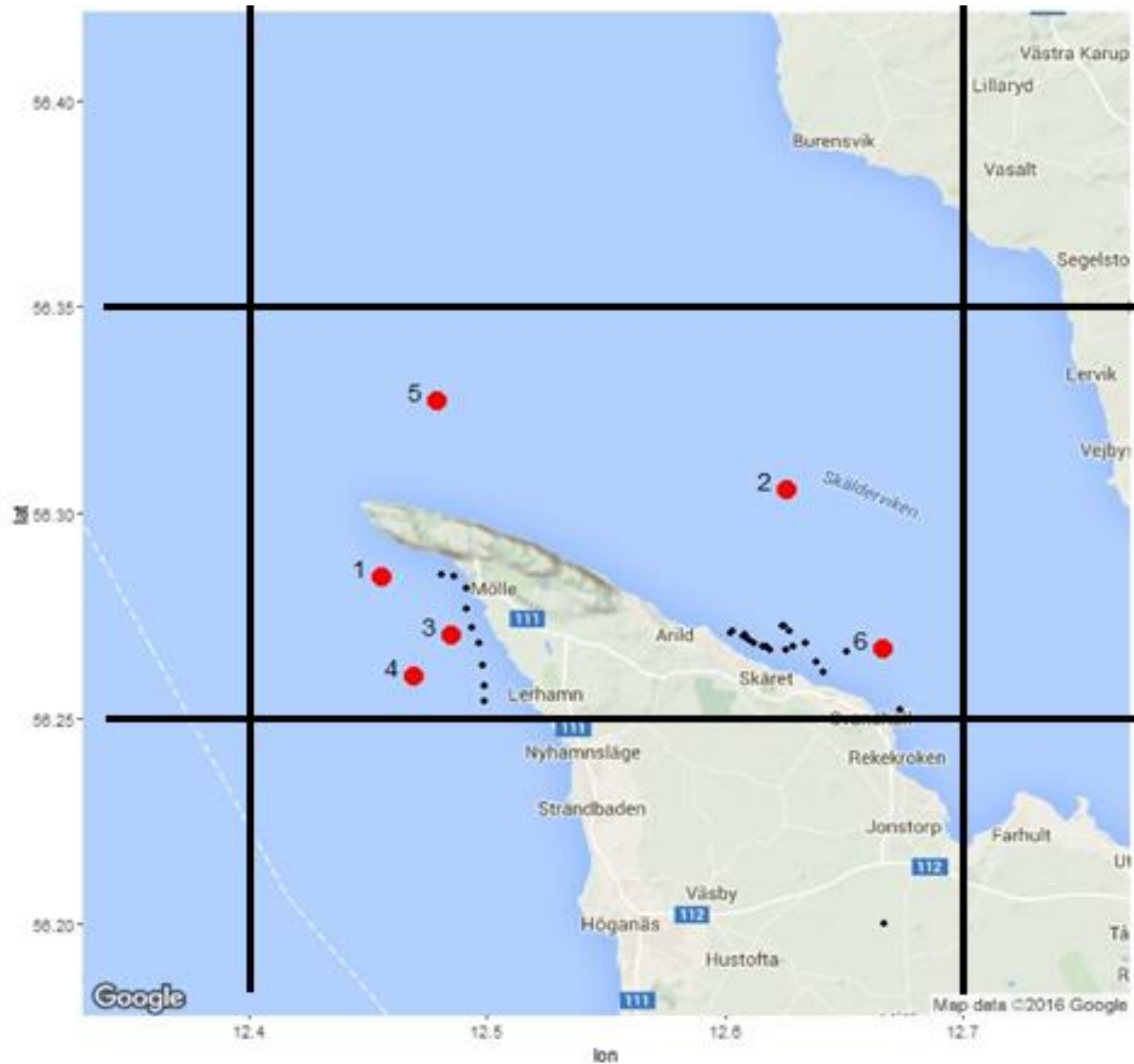
# Monitoring bycatch with REM

Fishermen responsible for collecting data

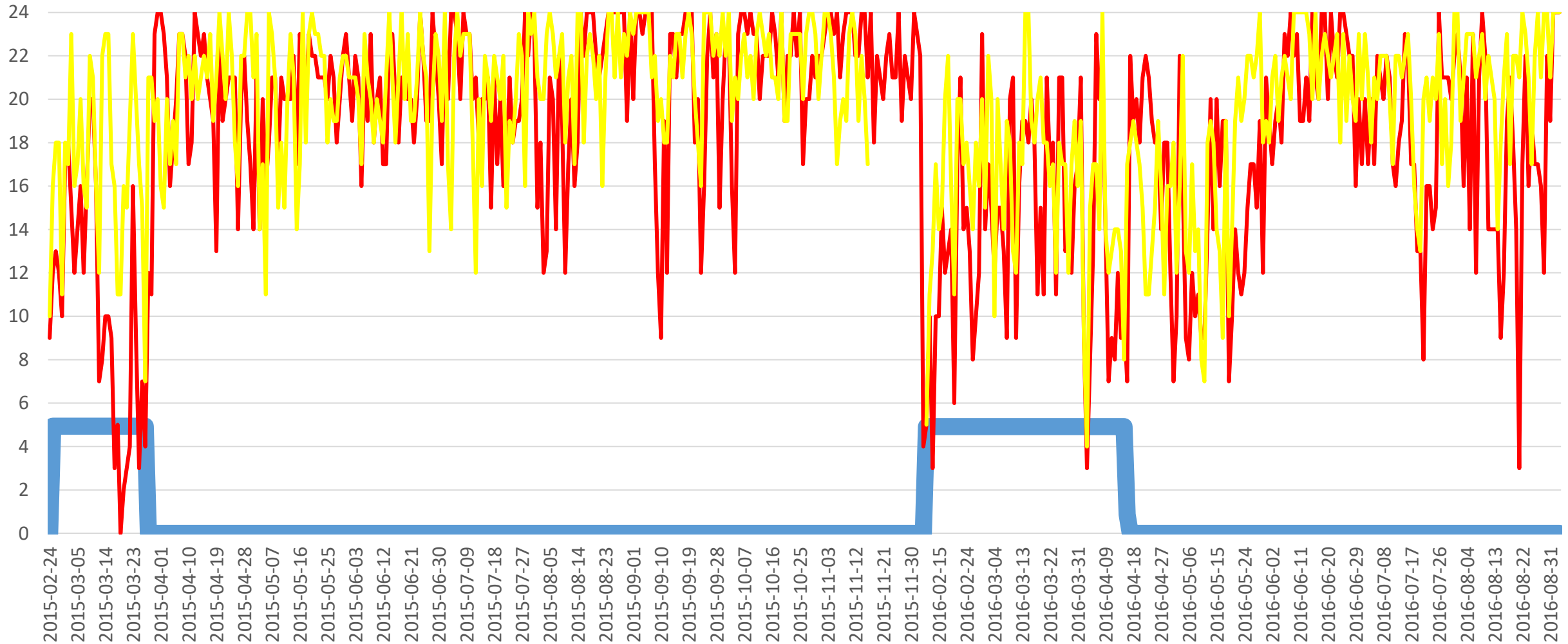
- Development of a seal pinger



# Harbour porpoise behaviour in an area with commercial fisheries with pingers



South: Fishing Station 1 (red) vs Control 5 North (yellow), green line = fishing intensity,  
24.2 2015 - 3.9. 2016



BACI I — Obs. in red area up when fishing ended,  $F_{1,544} = 52.86$ ,  $p < 0.001$  \*\*\*

BACI II — Obs. in red area down during fishing,  $F_{1,614} = 8.72$ ,  $p = 0.003$  \*\*

BACI III — No significant changes