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# Optimizing the coastal fish monitoring program in Sweden

# Swedish coastal fish monitoring today

- Nordic coastal multimesh gillnets in most areas
  - Number of stations varies
  - Three or four depth zones
    - All areas are fished in 0-3m, 3-6m and 6-10m
    - Some areas even 10-20m
- Gillnet series in some areas
  - Repeated fishing 3-6 nights -> one night 2018-
- Fyke nets in west coast
  - Different methods in different areas
  - Number of stations varies

# Goals

- To harmonize the methods and increase comparability
  - Same methods
  - Same gear
    - East coast Nordics, west coast fyke nets
- Release resources in order to (hopefully) initiate new areas
- New program implemented 2018-2020

# The new program

- No more repeated fishings
  - Samples are not independent replicates
  - Repetition brings no information
  - Continued with 1 night only 2018-
  - Flounder samples...
- Long term goal is to replace the gillnet series with Nordic coastal multimesh gillnets (5 years minimum)
- Number of stations will be reduced and equalized
  - Statistical evaluation....
- We considered giving up depth zone 10-20 m but decided not to
  - Less information on many species and depth distribution
- Fyke net fishing with same method in all sites
- Fishing every other year in some of the sites...?