



Baltic Marine Environment
Protection Commission



Co-funded by the
European Union



SOM Biodiversity: Fish

Luke Dodd, HELCOM

25.6.2019

SOM Biodiversity: Fish

- Sweden lead country for:
- Coastal fishes
- Commercial fishes

No lead for Anadromous fishes,
Secretariat currently working with the
topic



Cod (*Gadus morhua*)
© Hans Hillewaert (CC BY-NC-ND 2.0)

Commercial fishes

State variable

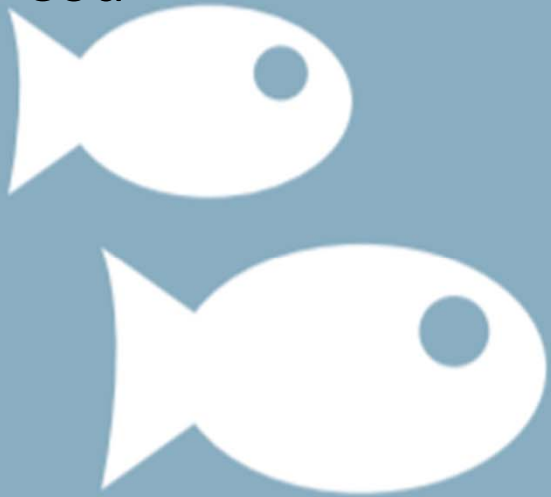
- Sprat
- Herring
- Cod

Measures

- Primarily CFP and associated technical regulations

Assessment method

- Based on approach used in HOLAS II
 - Uses ICES stock evaluations of stock size and fishing pressure
 - Stocks analysed individually and aggregated to whole Baltic scale
 - One-out-all-out



Coastal fishes

State variable

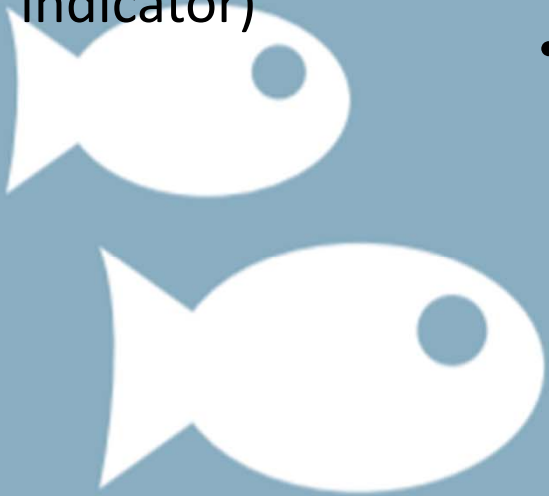
- Abundance of key coastal fish species (HELCOM indicator)

Measures

- MSFD
- Habitats directive
- WFD
- National measures

Assessment method

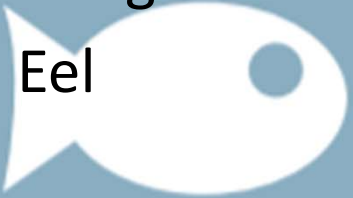
- Difficult due to very localized characteristics
- Indicator at HELCOM scale 3
- Aggregated wherever possible
- Only failing or near failing assessment units fully assessed
- Scale 3 assessments aggregated to scale 2 based on one-out-all-out principle
- Geographic scale tbd based on the spatial arrangement of fully assessed units



Anadramous fishes

State variable

- Salmon
- Sea trout
- Sturgeon
- Eel



Measures

- Quite diverse includes
 - WFD
 - CFP
 - MSFD
 - National measures
 - Species specific EU regulation
 - Regional action plans

Assessment method

- Salmon & Sea trout based on HELCOM indicators
 - Salmon smolt production
 - Sea trout par production
- Sturgeon & Eel
 - tbd

Other SOM issues for fish topic

Extraction and by-catch of fishes

Activity-Pressure

- 2 fishing categories
 - Benthic contacting mobile gears
 - All other types
- Data driven

Measure-Pressure

- May require a hybrid approach – species specific

Workshop

- 1-2 days in 2019

