A scenic view of a rocky coastline with blue water and a clear sky. The foreground shows calm, light blue water. In the middle ground, several large, light-colored rocks with patches of yellow lichen or moss are scattered across the water. The background shows a clear blue sky with a few wispy clouds near the horizon.

Implementation of the Marine Strategy Framework Directive Sweden

Jacob Hagberg
Swedish Environmental Protection Agency

Outline

- Swedish environmental targets
- National organisation
 - GES
 - Initial assessment
- Regional cooperation
- Current Issues

Timeplan up to 2012

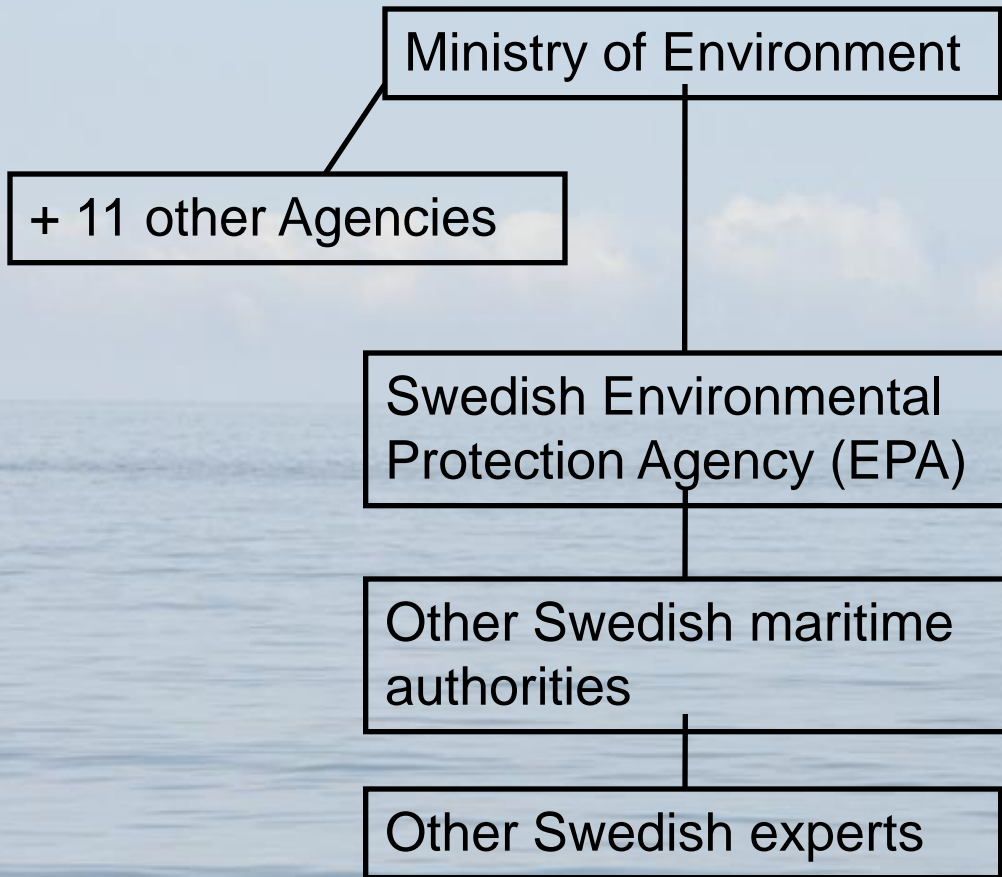
- Define GES (§9)
- Initial Assessment (§8)
- Environmental targets (§10)
- Implementation in Swedish law
- After 2012 unknown

Timeplan up to 2012

- Define GES (§9)
- Initial Assessment (§8)
- Environmental targets (§10)
- Implementation in Swedish law
- After 2012 unknown

Two targets related to marine environment

- A Balanced Marine Environment, Flourishing Coastal Areas and Archipelagos
- Zero Eutrophication



- Financial and National responsibility
- Marine Director

- Operational responsibility
- Organise SE authorities
- Delegate HL EU-meetings

- Technical responsibility
- Specific descriptors
- Delegate technical groups

- Advisory role

Involved authorities and organisations

Governmental responsible for environmental targets

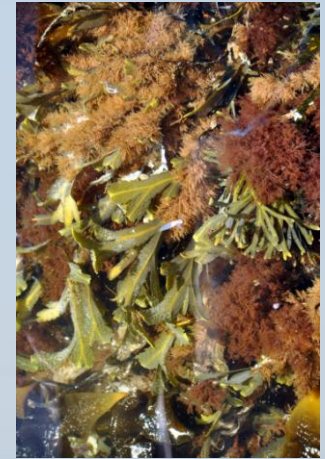
Environmental Protection Agency
Maritime administration
Transport Agency
Meteorological and Hydrological Institute
Food administration
Board of Fisheries
Armed Forces
Coastguard
Geological survey of Sweden
Regional Counties
River Basin District authorities (WFD)

Other organisations

Universities
Research Institutes
NGOs

Organisation at Swedish EPA

Overall coordinator
Define GES / Initial assessment
Coordinator
Legal support
WFD advisor
Habitat dir. advisor
Birds Dir. advisor
HELCOM advisor
OSPAR advisor
National Monitoring advisor



Defining GES

1. Biodiversity	Environmental Protection Agency
2. Non-native species	Environmental Protection Agency
3. Commercial fish	Board of Fisheries
4. Food webs	Environmental Protection Agency
5. Eutrophication	Environmental Protection Agency
6. Bottom integrity	Board of Fisheries
7. Hydrology	Swedish Meteorological and Hydrological Inst.
8. Effects of contaminants	Environmental Protection Agency
9. Contaminants in food	National Food administration
10. Marine litter	Environmental Protection Agency
11. Energy	Environmental Protection Agency



11 National expert groups

Initial Assessment

Meteorological and Hydrological Institute

Geological survey of Sweden

Board of Fisheries

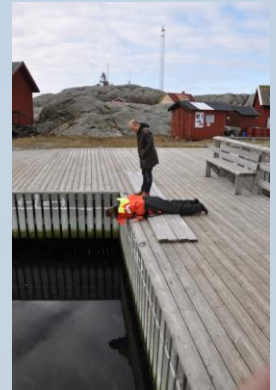
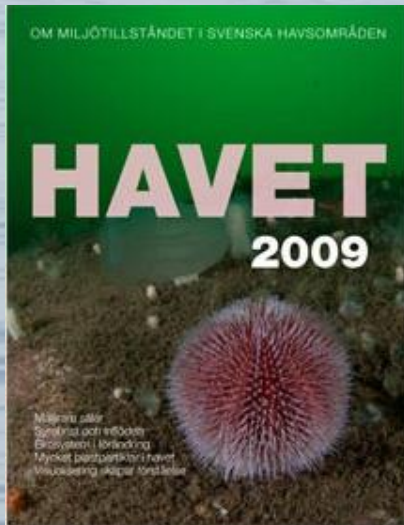
Universities

Swedish EPA

Food administration

Regional Counties

River Basin District authorities



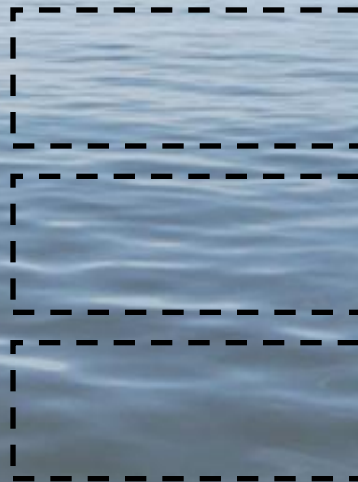
Regional work

Coordinator GES /
Initial assessment

Responsible
descriptor
1, 2...

HELCOM

OSPAR



Current issues for Sweden

- Delineations and subdivisions between Denmark and Sweden
- Work in WG ESA
- BSAP - early start of measures
- Planning of Initial Assessment
- Planning of Regional GES work
- Starting dialogue with NGOs



Thank you



- WFD .

