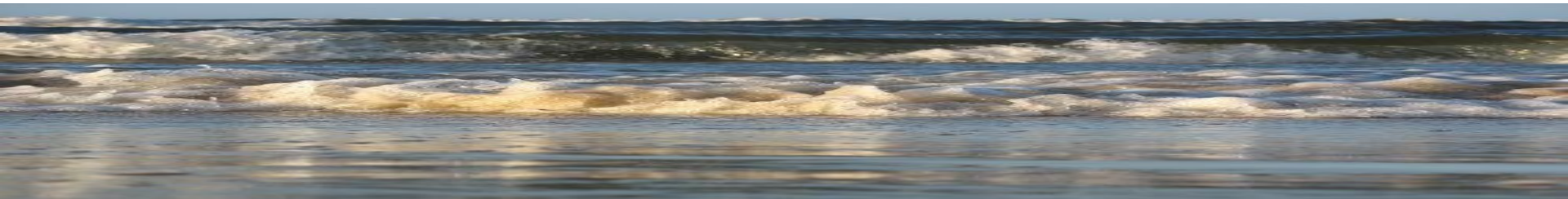
Current status of EUSBSR Priority Area 1

To reduce nutrient inputs to the sea to acceptable levels

co-coordinated by Finland and Poland

Steering Committee meeting, 26 April 2012, Warsaw



Current situation - Baltic Sea eutrophication

Total nutrient inputs by country – HELCOM data (PLC 5)

Total waterborne loads (in tonnes) of nitrogen and phosphorus to the Baltic Sea (including monitored rivers, unmonitored areas and direct point source inputs) and the riverine fl ow (m3 s-1) in 2006 by: country *(Note: The figures include transboundary loads. Missing data: Russia – no monitored or coastal area load reported in 2006; Poland – no direct industries reported in 2006)*

SOURCE: HELCOM

Country	Flow (m3 s-1)	Ntot (t)	Ptot(t)
Denmark	320	53,000	1,520
Estonia	440	20,400	790
Finland	2,050	79,000	3,490
Germany	110	16,900	490
Latvia	890	59,500	2,800
Lithuania	430	28,000	1,240
Poland	1,650	152,600	10,240
Russia	2,120	107,600	4,070
Sweden	5,610	121,000	3,730
Total	13,620	638,000	28,370

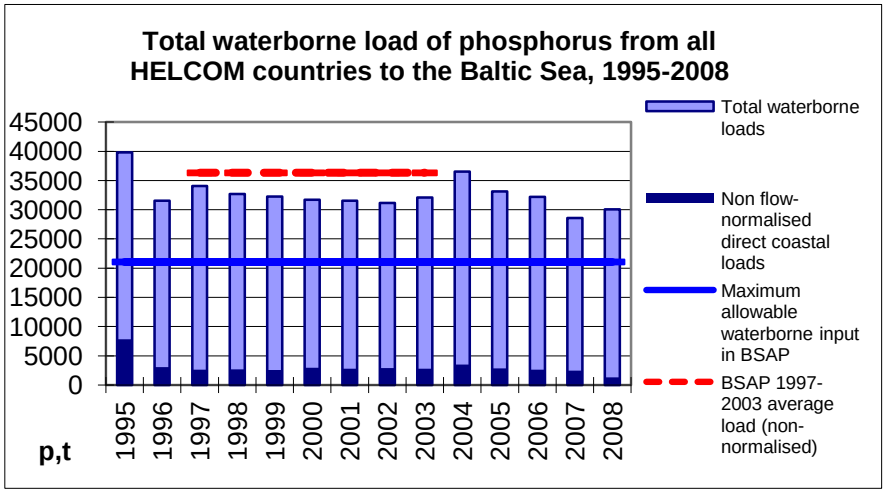
Total nutrient inputs by sub-region– HELCOM data (PLC 5)

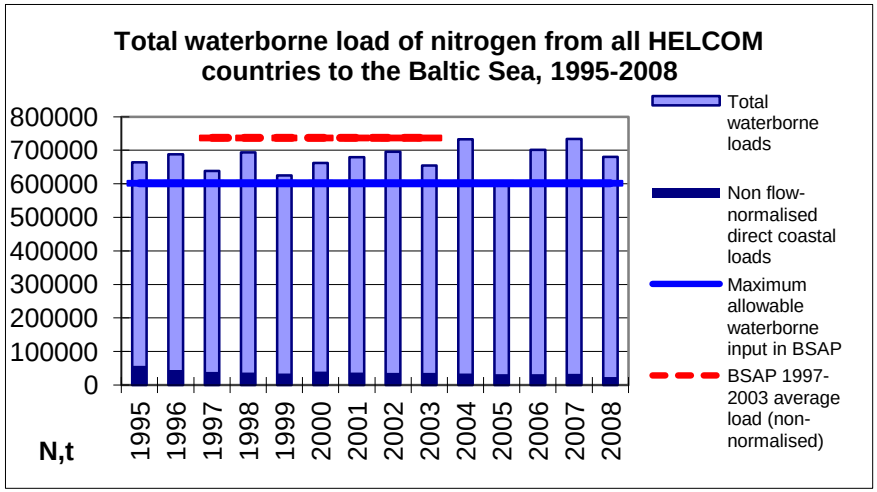
Total waterborne loads (in tonnes) of nitrogen and phosphorus to the Baltic Sea (including monitored rivers, unmonitored areas and direct point source inputs) and the riverine fl ow (m3 s-1) in 2006 by sub-region. *(Note: The figures include transboundary loads. Missing data: Russia – no monitored or coastal area load reported in 2006; Poland – no direct industries reported in 2006)*

SOURCE: HELCOM

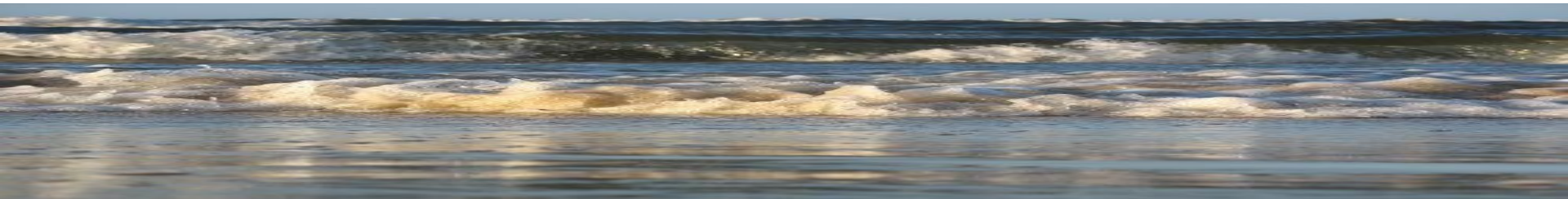
Sub-region	Flow (m3 s-1)	Ntot (t)	Ptot(t)
Archipelago Sea	80	8,200	600
Baltic Proper	2,920	232,300	13,040
Bothnian Bay	2,890	52,600	2,270
Bothnian Sea	2,730	50,800	1,780
Gulf of Finland	2,750	129,700	5,010
Gulf of Riga	890	58,900	2,660
Kattegat	1,120	63,000	1,820
Sound	50	8,900	330
Western Baltic	190	33,600	860
Total	13,620	638,000	28,370

Current PA 1 status





SOURCE: HELCOM

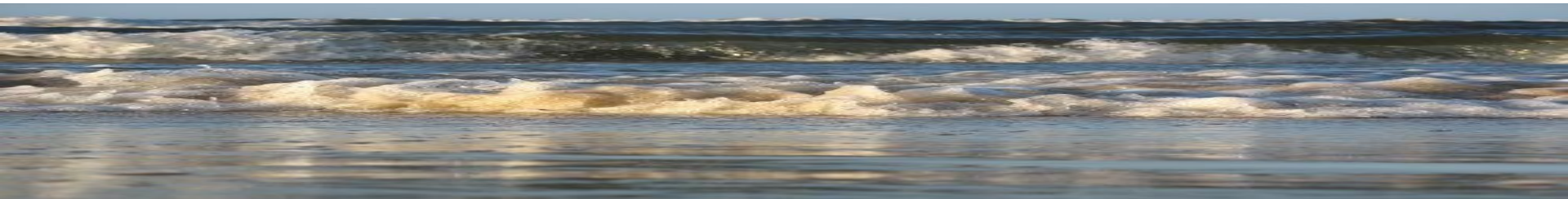


Main sources of nutrient inputs
- where to focus PA 1 actions

- Diffuse sources: mainly agriculture
- Point sources: mainly municipalities

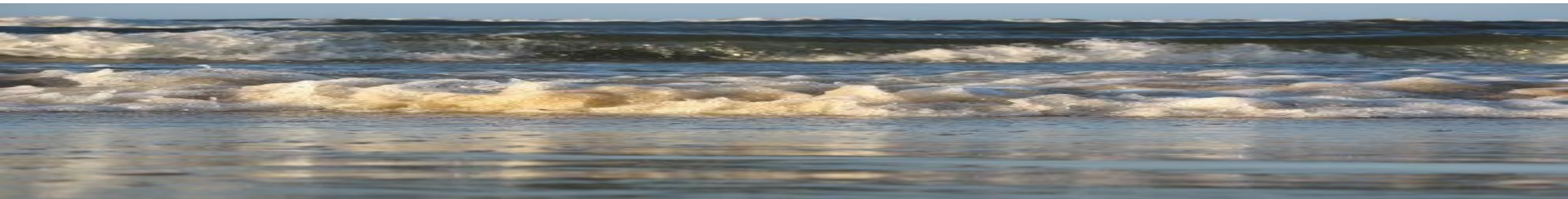
  But also:

- Air emissions : agriculture, combustion sector, and transportation sector, including shipping (1/4 of nitrogen inputs to the sea)



Current PA 1 status -coordination issues

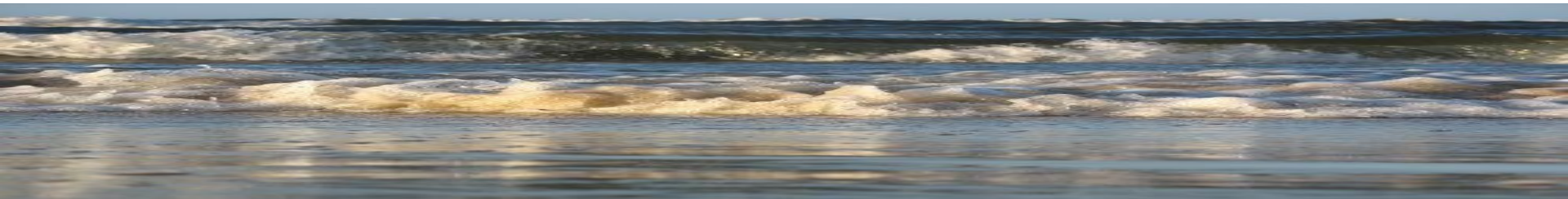
- 4 flagship projects: 1 completed (1.1), 1 clustered (1.2)
- Established targets and indicators
- Cooperation with PA 9 (Agriculture)
- Dialogue with Horizontal Action on *Multi-level governance*
- Need for revision of PA 1 actions



Current PA 1 status -coordination issues - II

- Development of flagship project concept & criteria
  - PAC 1 contribution to Task Force work
- Dialogue in alignment of financing
  - our voice in planning future priorities of EU financing programmes (e.g. BSR Prog)
- Increase of networking activities and project development (i.a. through SC)
- Planned development of PA1 web site

  - possibly under the coordination of INTERACT Point Turku (www.balticsea-region-strategy.eu)



EUSBSR
EU STRATEGY
FOR THE BALTIC
SEA REGION

Ympäristöministeriö
Miljöministeriet
Ministry of the Environment

INSPEKCJA OCHRONY ŚRODOWISKA

Thank you for your attention!

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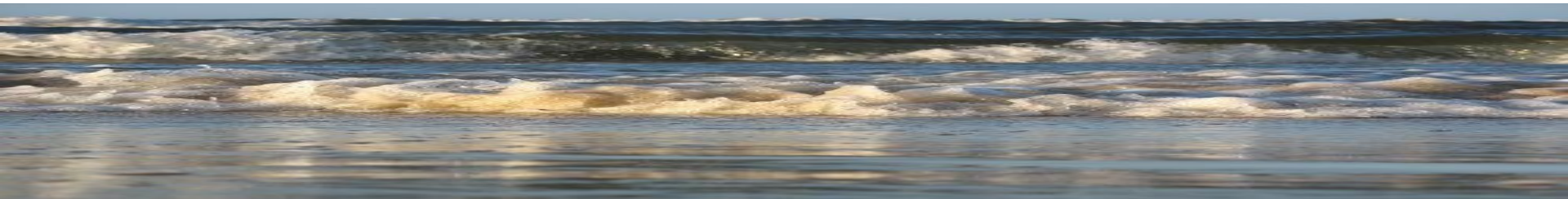
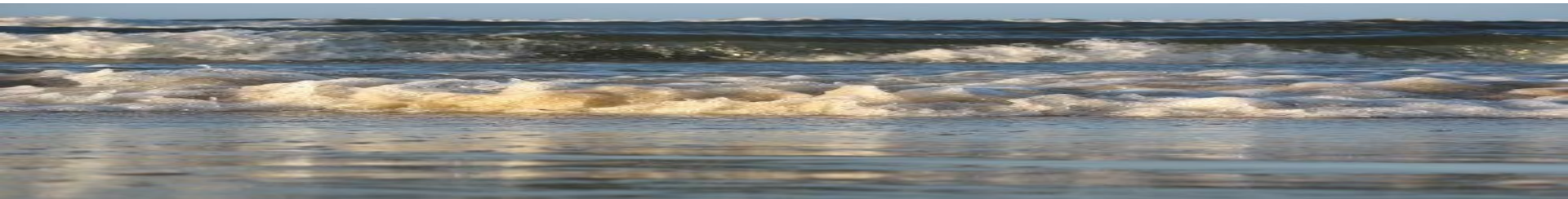


FP 1.1 **“Phasing out of the use of phosphates in detergents”**

- aim: support for Baltic States to implement the HELCOM recommendation 28E/7
- result: information leaflet to support decision makers:
  - frequently asked questions
  - available: http://www.kemi.se – choose “publications” then “brochures and leaflets
  - published on: HELCOM, PA 1, KEMI websites
  - presented during 1st Annual Forum in Tallinn and russian verion during Baltic Sea Day in St Petersburg
- finalised in June 2011



YMPÄRISTÖMINISTERIÖ
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MINISTRY OF THE ENVIRONMENT

FP 1.2 **“Cleaner Waste Water”**

- Aim: identifying, building or upgrading prioritized Urban Waste Water Treatment Plants (UWWTP) around the Baltic Sea, taking into account the HELCOM requirements to remove phosphorous and nitrogen.

- first part of the project:

  - Gather information and make a compilation of ongoing projects regarding cleaner waste water within the Baltic Sea Region.

  - Compile existing statistics and make a list of treatment plants and cities to be prioritised in the work of building/upgrading Waste Water Treatment Plants.

  - Try to identify different countries difficulties to reach the HELCOM recommendation

NATUR VÅRDS VERKET
SWEDISH ENVIRONMENTAL PROTECTION AGENCY

YMPÄRISTÖMINISTERIÖ
MILJÖMINISTERIET
MINISTRY OF THE ENVIRONMENT

FP 1.2 **“Cleaner Waste Water”**

- Status: project group has been established with participants from the countries around the Baltic Sea and HELCOM
- First meeting of project group: February 2012 – presented the report on WWTPs system in the Region (existing system, countries difficulties in modernazation activities)
- Next steps:

  - identifying the ongoing projects within the area
  - identifying gaps in statistics and the countries difficulties to reach the recommendation
  - project group will discuss how to proceed and take the next steps in helping each other reaching the target

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SWEDISH ENVIRONMENTAL PROTECTION AGENCY