





SSA No 1, GULF of RIGA

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GENERAL INFORMATION

- Relatively autonomous subsystem of the Baltic Sea
 Mean denth 26 m. www.l.
- Mean depth 26 m, max depth 60 m
- Low salinity, 2 7 %0; absence of permanent halocline
- Temperature stratification in summer
 Annual freshwater inflow volume 7.3% of the Gulf volume

85% of the freshwater input (formed by 3 Latvian rivers) to the southern part of the Gulf - the main reason for high DIN/DIP ratio and expressed bloom of potentially toxic cyanobacteria

The main human activities in the coastal zone: Fishing, Shipping, Tourism, Agriculture

STAKEHOLDER PARTNERS

Stakeholders meeting was arranged in May 2007. Besides of that was organized a number of interviews with stakeholders in Latvia and in Estonia to find out their main problems in ICZM.

Estonian and Latvian Parlament Commission on Nature

Ministries - M. of Environment, M. of Transport, M. of Economics, M. of Agriculture, M. of Defence, M. of Health, M. of **Regional Development and Local Government**

Research institutions - Latvian Inst. of Aquatic Ecology, Inst. of Biology; Estonian Marine Inst., University of Tartu, Inst. of **Biological and Physical Chemistry, et al.**

JEducational institutions - University of Latvia, Latvian University of Agriculture, Riga Technical University, Latvian Maritime Academy, Estonian Maritime Academy; University of Tartu; Estonian University of Life Sciences; University of Tallinn, et al.

Maritime Geological Survey; Port Authorities of - Freeport of Riga, Salacgriva, Mersrags, Parnu, Roomassare, et al.

NGO – WWF, BEF, Ornithological Society, Fishery Association, Professional Fishermens Association, Recreational Fishermens Association, Nature Foundation, Environmental Projects, Environmental Protection Fund, Environm. Protection Club, et al.

Administrations of protected areas - A. of Kemeri National Park, A. of Slitere National Park; A. of North Vidzeme Biosphere Reserve

Municipalities and parishes - of Riga, Jurmala, Mersrags, Pärnu, Kuressaare, Haapsala, Liepupe, Skulte, Salacgrīva, Ainaži, Kolka, Roja, Mērsrags, Engure, Parnu, Kihnu, Muhu, et al.

Dorts: Riga Free P., Skulte P., Salacgriva P., LielupeP., Engure P., Mersrags P., Roja P., Pärnu P., Kihnu P., Roomassaare P.

POLICY ISSUE "Interaction between eutrophication & fish production

Antrophogenic eutrophication is releated with bacterial contamination, increased primary production, expressed algal blooms, increase of HAB (harmful algal blooms), excretion of algal toxins, increased deposition of organic matter on the bottom, decreased water decreased transparency, increased frequency and severity of oxygen deficiency of bottom waters, increased macrobenthic biomass, decreased depth penetration of *Fucus* vesiculosus, general decrease in water quality, decrease in important fish species, like salmonids.



GOODS & SERVICES





