



The Baltic Sea Regional Project, BSRP

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Baltic Sea: Main Characteristics

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- **Persistent vertical layers**
- **Residence time of water : 25yrs**





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BSRP

Characteristics

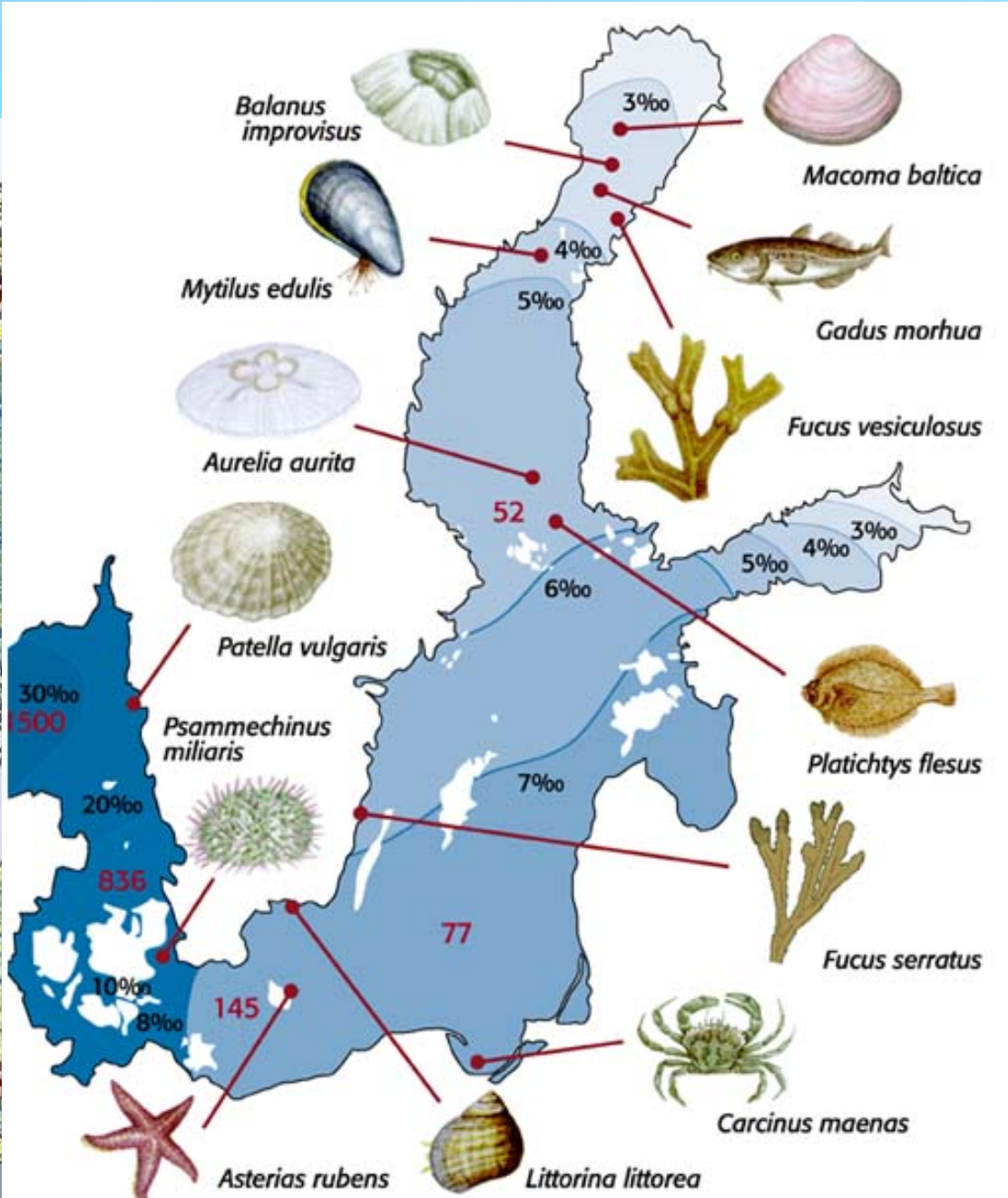
brackish water

layers

water : 25yrs

water:
stagnation

numbers -





Baltic Sea: Main Characteristics

- Semi-enclosed brackish water area
- Persistent vertical layers
- Residence time of water : 25yrs
- Renewal of bottom-water: unpredictable - often stagnation periods
- Plants/animals: low numbers - stressed
- Large catchment area with land use activities strong effect on water quality - population - 85 million



International Managing Bodies



International **Baltic Sea**
Fishery **Commission**

Scientific Advice



350 scientists





Major Threats to the Baltic Sea LME

- 1 Eutrophication**
- 2 Overfishing**
- 3 Toxic contaminants**
- 4 Invasive species**



5 eastern countries requested support from GEF

1995-1997

HELCOM - IBSFC – ICES 1998-2001

National consultations 1998-2001

LME Workshop 1998-2001

Draft PIP 2001

BSRP approved/launched 2003



BSRP = Baltic Sea Regional Project

- A project to be jointly implemented by HELCOM, ICES and IBSFC together with the 9 riparian Baltic countries, specifically the five eastern, supported by GEF/WB, and by Norway and USA.

Total budget 40 million US\$ 2003-2008
1st phase 2003-2005: Budget 12.1 mill US\$

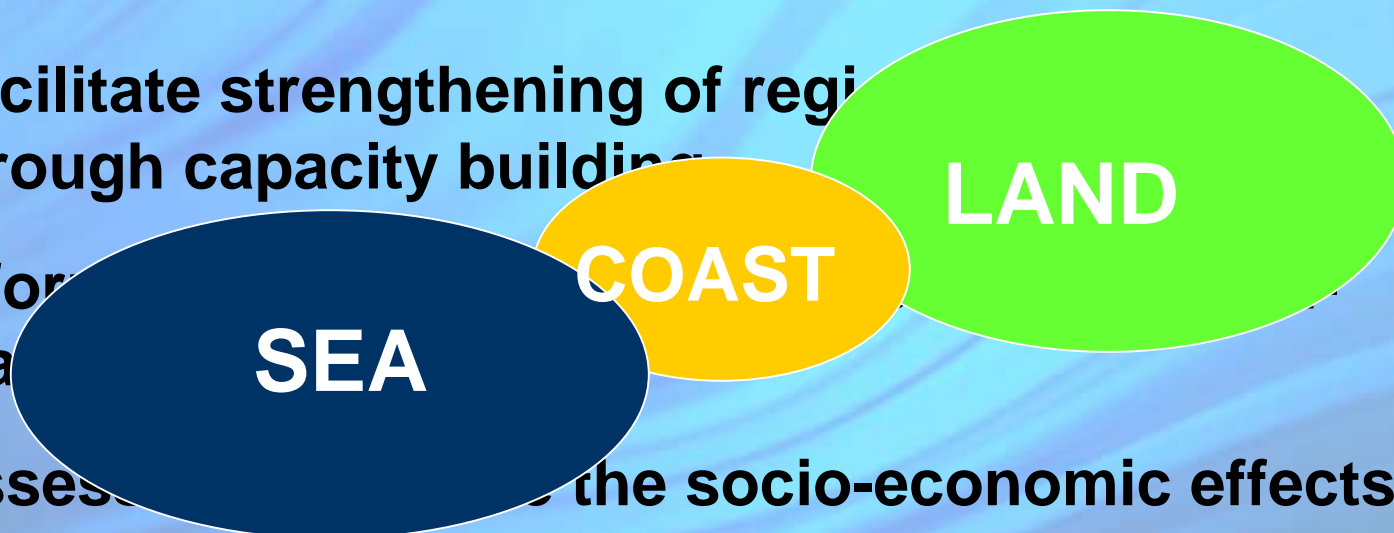


BSRP Goals

Develop and apply an ecosystem-based management strategy, a holistic view, to the BS LME !

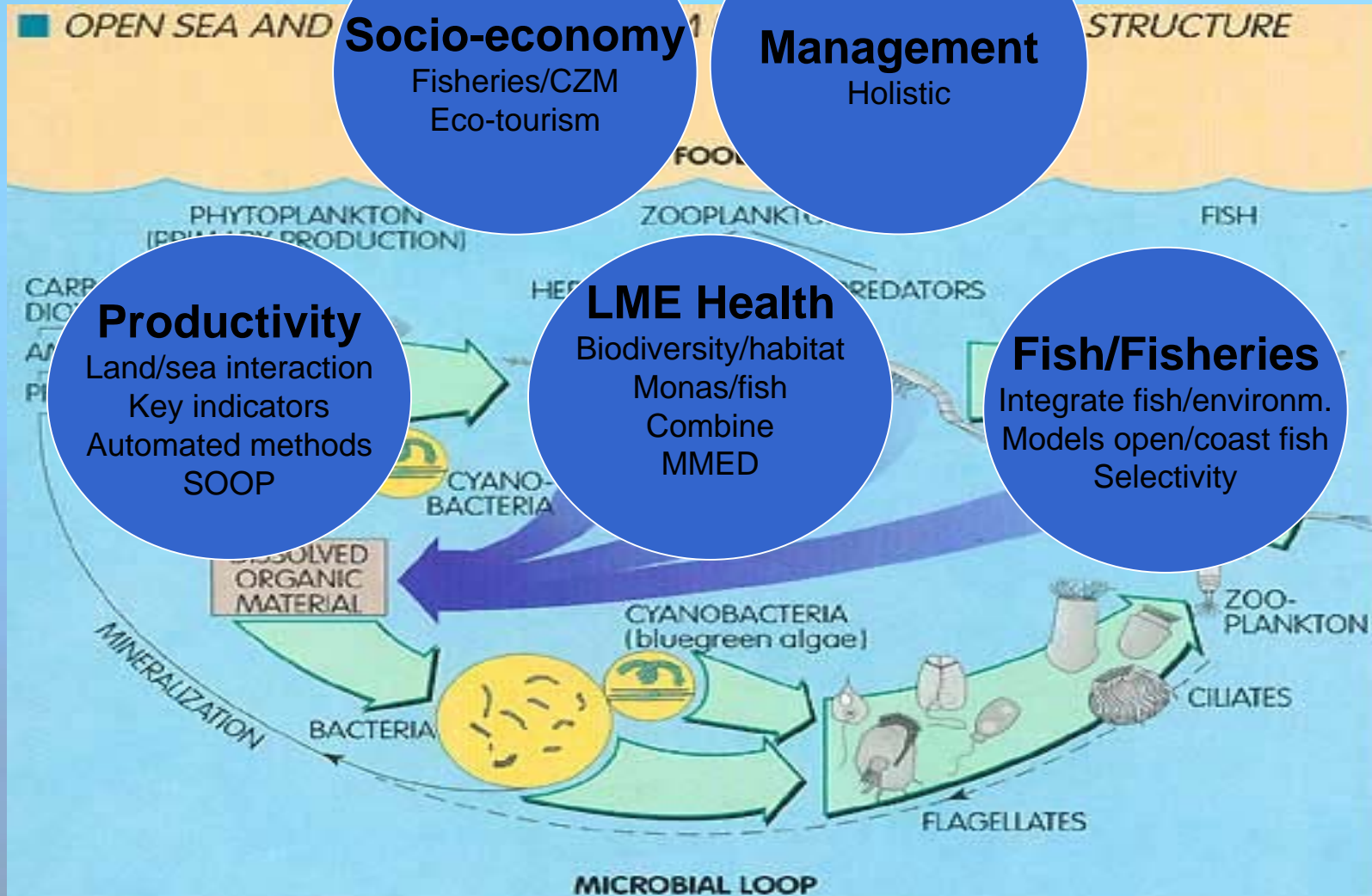
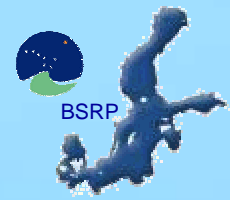
Facilitate strengthening of regional governance through capacity building

Inform management



Assess the socio-economic effects of the ecosystem-based management for the Baltic community

Baltic Sea LME concept





The Baltic LME concept

Strengthening technical capacity **Land**

Training farmers
Grant/Credit on-farm investments. Salmon river rest.
Modeling water quality and nutrient transport

Marine

Coastal

CZM
Fish/envionm.
Toxins/impact
COMBINE

Ships of Opportunity
Joint integrated ass. surveys
Ecosystem Health parameters
Strengthening technical capacity, WS.s
Upgrade laboratories and ships
Improve scientific/and political coordination

Improvement

Ecosystem
Socio-economy

Management



ICES

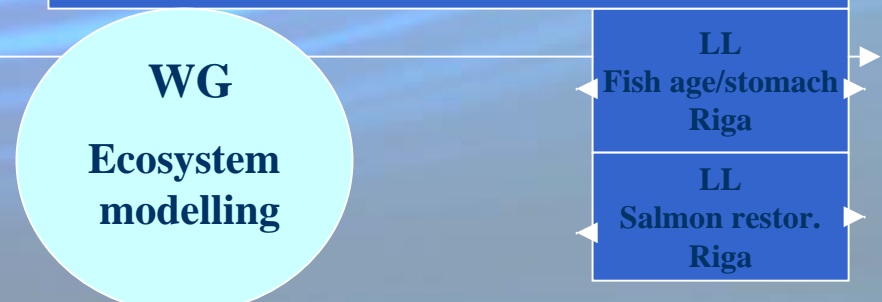
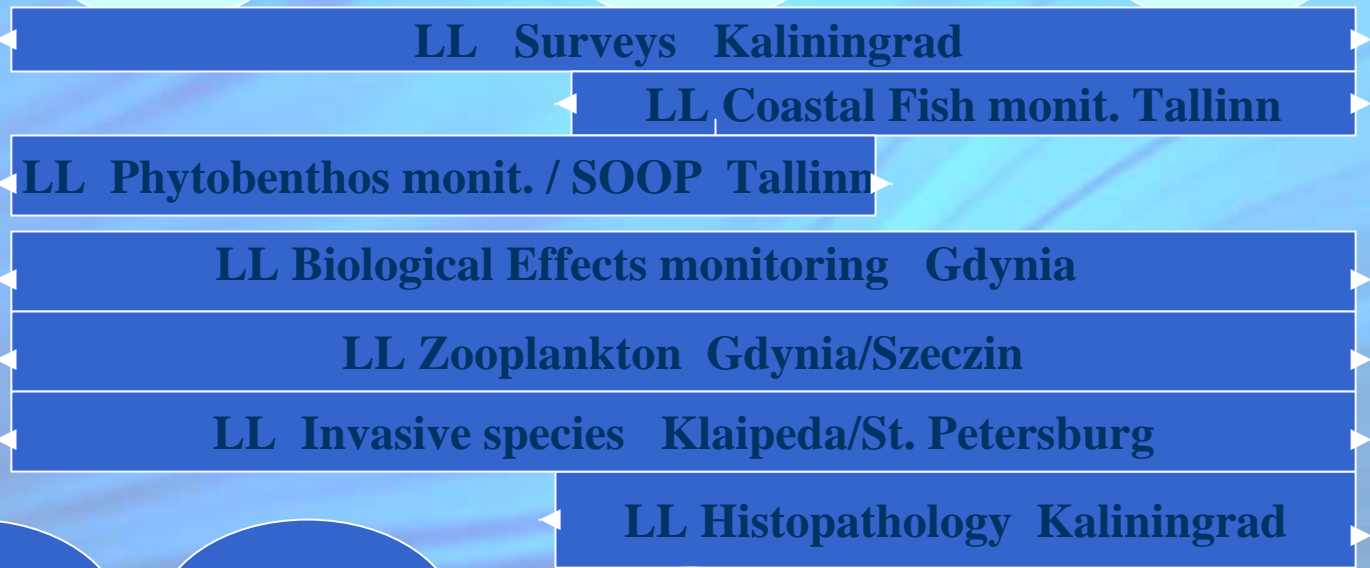
ICES Baltic Committee

CC = Coordination Center

LL = Lead Laboratory



**Coope-
Rating
Countries
Organisa-
tions
-projects**





Pollution and Ecosystem Health Module

Priority Issues

- Application of ecological quality criteria for the BS LME
- Implementation of COMBINE
- Eutrophication and biological effects
- Chemical pollution and biological effects
- Invasive species and biodiversity
- Multiple Marine Ecological disturbances, MMED



All BSRP documents
found on
www.ices.dk -
projects - BSRP



*Thank you for
your attention*





- **Cash and/or in-kind contribution in US\$ eq. to Component 1 of the Baltic Sea Regional Project during the years 2002-2005**

Country	2002	2003	2004	2005	
GEF/WB		50,000	1,000,000	1,100,000	
US Emb.Denm.	2,000	10,000	10,000	10,000	travels for baltic scientists
US NOAA		50,000	225,000	225,000	in kind for MMED-SOOP etc
Sweden	110,000	110,000	440,000	440,000	C1 managm. - Argos
Finland	2,000	2,000	675,000	675,000	Bireme
Denmark	3,000	10,000	455,000	455,000	Dana etc
Germany	1,000	2,000	50,000	50,000	IOW
EU/BONUS		4,000	45,000	45,000	will continue during 2006
Norway			?	?	
Rec.Countries in kind		20,000	600,000	600,000	
	118000	258,000	3,500,000	3,600,000	7,476,000
			Original budget		5,600,000