

GEF/WB
HELCOM/ICES/IBSFC
**Baltic Sea Regional
Project**

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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's area with land use activities effecting water quality - population - 85 million

International Managing Bodies



Helsinki Commission

International Baltic Sea
Fishery Commission

Scientific Advice



International Council for
the Exploration of the Sea
Conseil International pour
l'Exploration de la Mer

ICESCIEM

350 scientists



What is ICES ?





Back in time.... to 1902

Research duplication

Concern over fish stocks

Not getting the overall
picture



Scientists decided to get together....



Set up International organisation

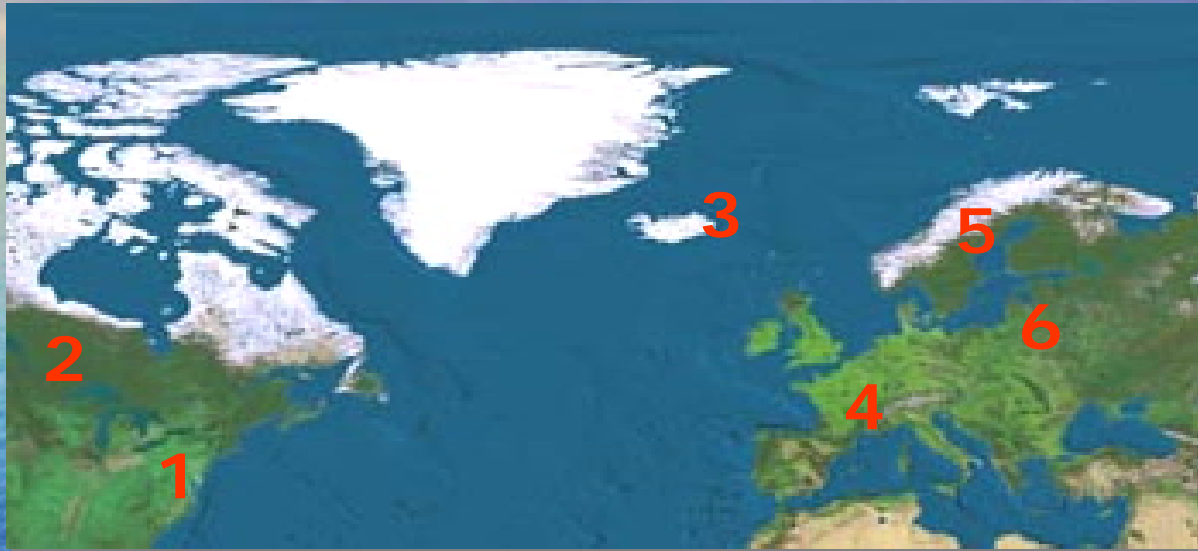
A meeting place.

ICES begins





The Present



19 member countries

Community > 1600 scientists



What we do

- Coordinate marine research
- Promote marine research
- Produce advice

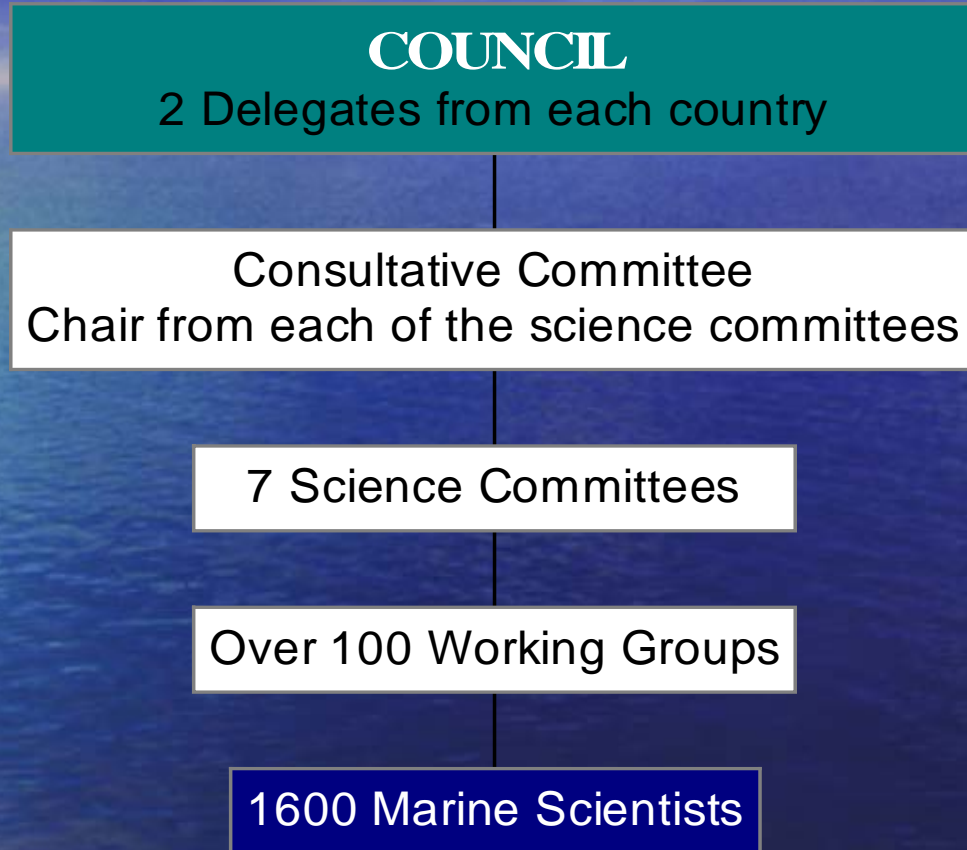




Coordination

- Meetings, meetings
- > 100 working/study groups
- 7 Science Committees
- Advisory Committees
- Data centre

ICES Structure



350 Baltic scientists



Promotion

- ICES Journal of Marine Science, reports etc.
- Symposia & Annual Conference
- Newsletter
- Web site





Advice

- ICES Community = Resource
- Fisheries, Oceanography and Environment
- ACFM (135 Stocks)
- ACME
- ACE



Marine Ecosystems



- Combine disciplines
- See whole picture
- Provide advice
- New ACE





Who uses our advice?

- Governments
- Regulatory Commissions
HELCOM, OSPAR etc
- European Commission
set TACs in EU waters.



How we do it

- 37 Staff
- General Secretary
- Scientific, Admin. and Secretarial support
- Lots of space for meetings





Projects

- Baltic Sea Regional Project [link](#)
- GLOBEC - Cod and climate change
- Oceanography projects

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 – ICES - IBSFC 1998-2001

GEF-PDF-Block B Grant 1999

National consultations 1998-2001

LME Workshop 1998-2001

Draft PIP 2001

BSRP approved/launched 2003

Staff employed, kick-off m-s 2003-2004

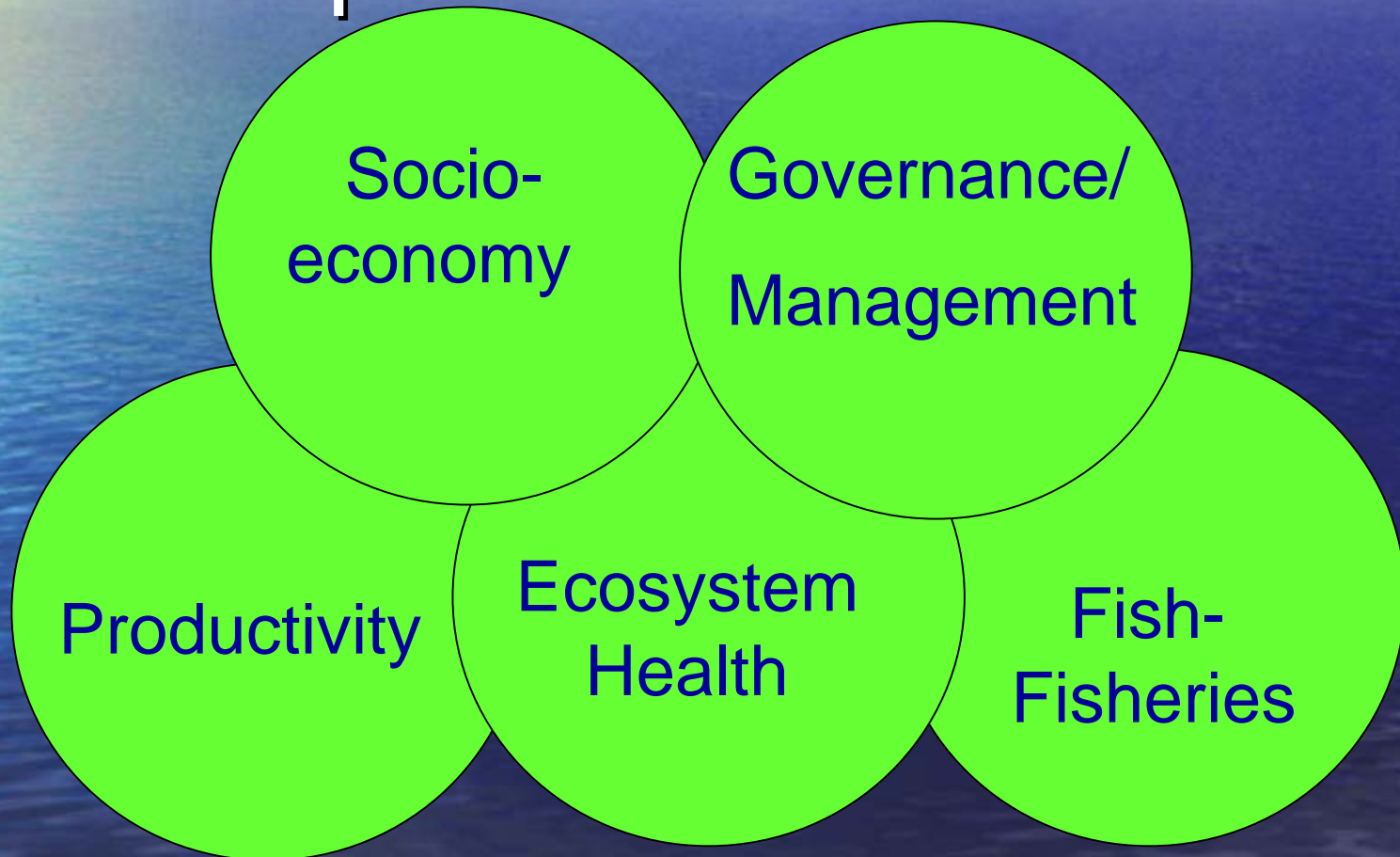
BSRP

- 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 12 million US\$ 2003-2005

BSRP is built on The Large Marine Ecosystem concept with its 5 modules



- ***BSRP components***

C1 Large Marine Ecosystem Activities, ICES

**C2 Land and Coastal Management Activities,
HELCOM**

**C3 Institutional Strengthening and Regional
Capacity Building, HELCOM, ICES**

C4 Project Management

Goals of the BSRP

- * Develop and apply an ecosystem-based management strategy to the BS LME**
- * Facilitate strengthening of regional institutions through capacity building efforts**
- * Inform and engage stakeholders, the public and decision-makers on the project approach and objectives**
- * Assess and evaluate the socio-economic effects of the ecosystem-based management for farming, fishing and coastal communities**

The Ecosystem approach =

The Baltic LME concept

Strengthening technical capacity

Land
(C2)

Marine
(C1)

Coastal
(C1/C2)

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

CZM
Fish stock ass.
Contaminants
MMED

Ships of Opportunity
Joint integrated fish stock ass. surveys
Improved fish landing statistics
Strengthening technical capacity, WS.s
Upgrade laboratories and ships
Improve scientific/and political coordination

Improvement

LME concept

Socio-
economy

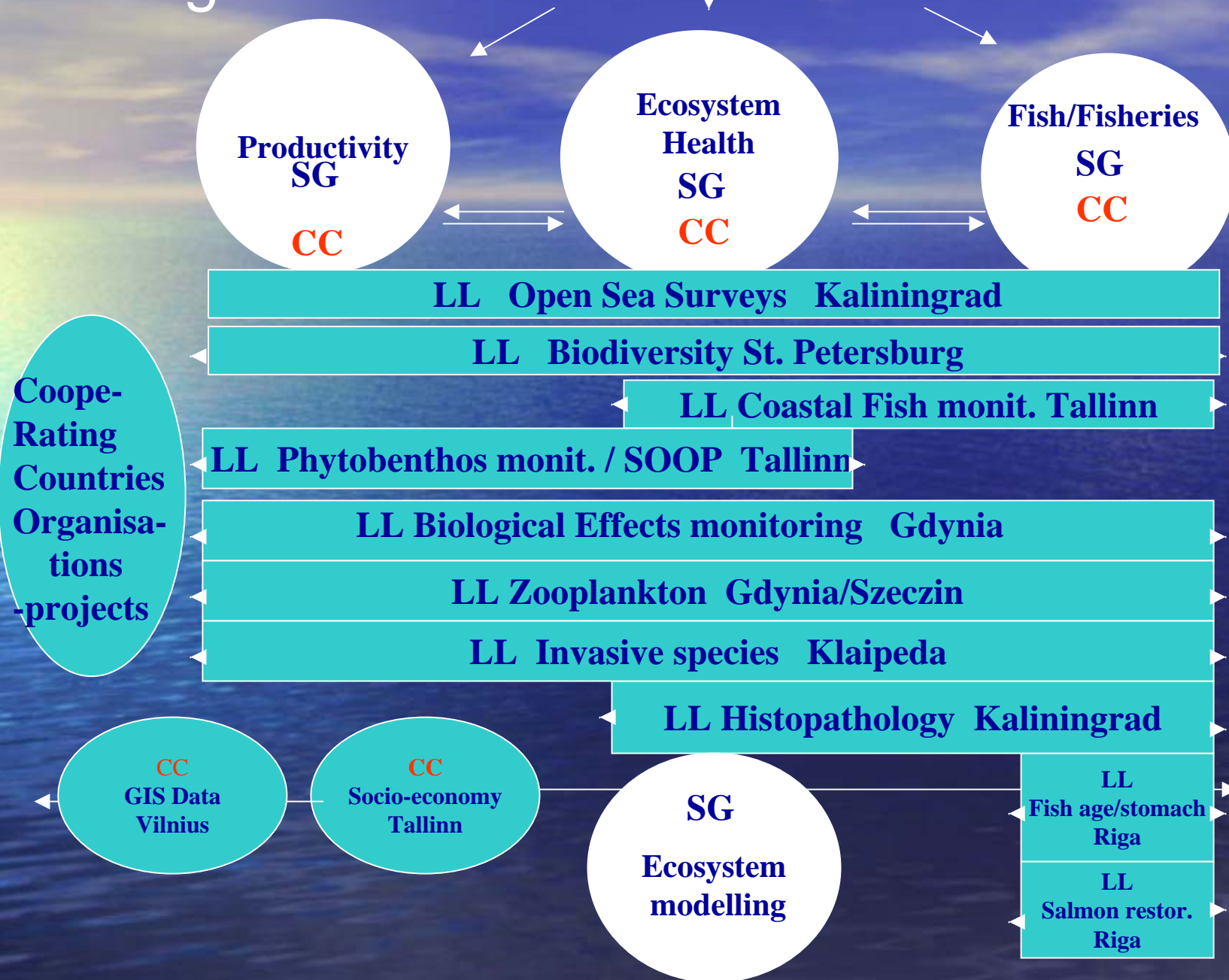
Management

Organization BSRP LME Activities



C1 Org.

ICES Baltic Committee



Major Threats to the Baltic Sea LME

* **Human behavior**

1 **Eutrophication**
Pollution Prevention Pays,

2 **Overfishing**
PPP principle

3 **Toxic contaminants**
Improve cooperation
Think/act holistically

4 **Invasive species**
Improve mutual
understanding

A photograph of a sunset over the ocean. The sun is low on the horizon, casting a golden glow across the sky and reflecting on the water. The waves are gentle and rhythmic. In the foreground, a seagull is walking on the sandy beach. The overall mood is peaceful and serene.

*Thank you for
your attention*

www.helcom.fi

www.ices.dk