A photograph of a river flowing through a forest. The river is dark and reflects the surrounding greenery. In the foreground, several large, grey rocks are partially submerged, with bright green moss growing on their surfaces. The background is a dense forest of tall trees.

River Emån Catchment Management Association

Bosse Troedsson
River Eman CMA

2008-01-17

PAULISTRÖMSÅN



EMAN

European Union





River Emån basin:

4460 km² total area

80 000 inhabitants

8 municipalities

2 counties





EMÅN

Municipality co-operation

JÖNKÖPINGS LÄN

ÖSTERGÖTLAND

Nässjö
NÄSSJÖ

Eksjö

EKSJÖ

Nässjö

Bodafors

Hult

HULTSFRED

Vetlanda

Målilla

KALMAR LÄN

SÄVJÖ

Landsbro

VETLANDA

Virsetum

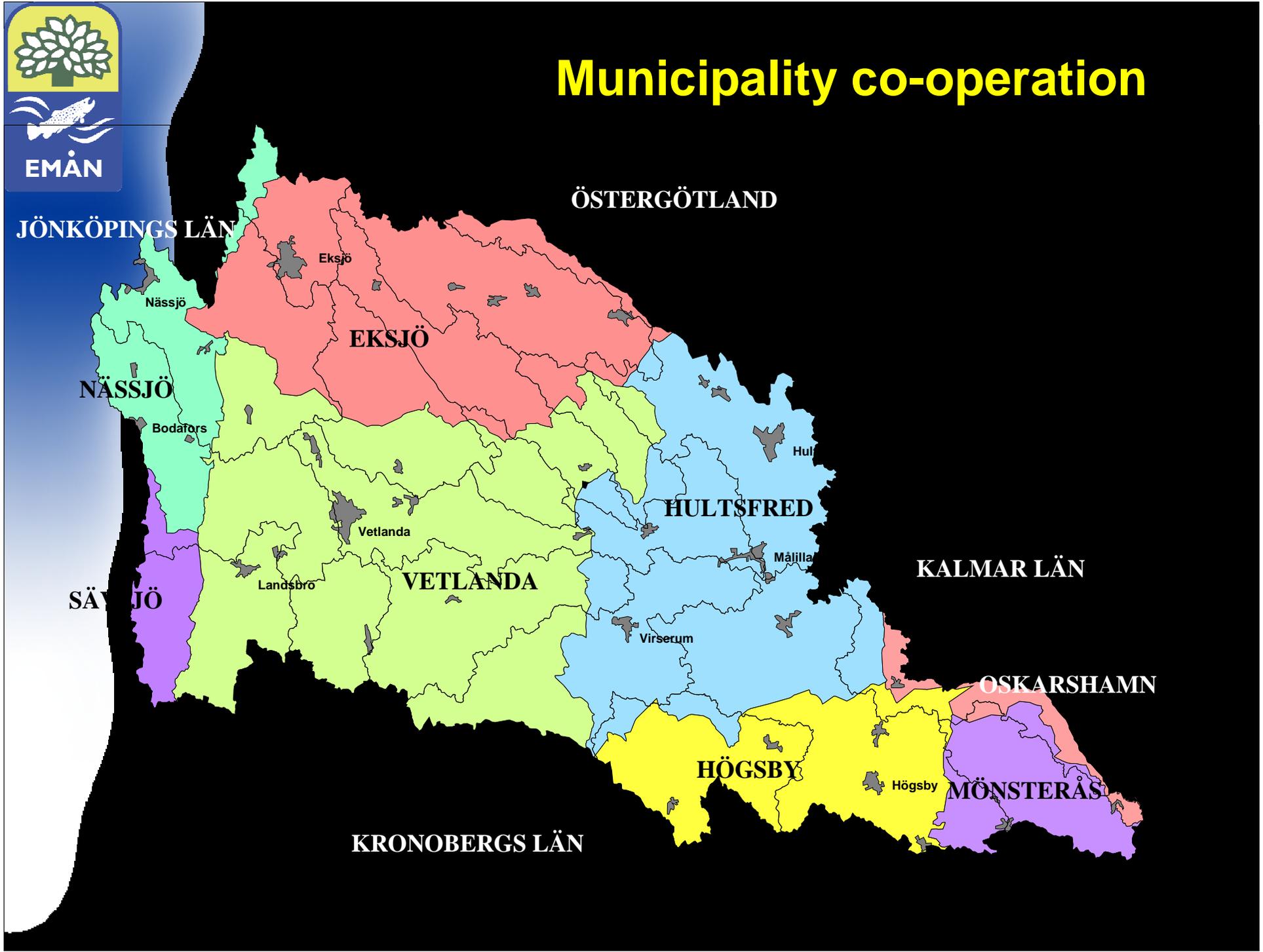
OSKARSHAMN

KRONOBERGS LÄN

HÖGSBY

Högsby

MÖNSTERÅS





EMÅN

River Emån basin:

Mean annual flow 30 m³/s

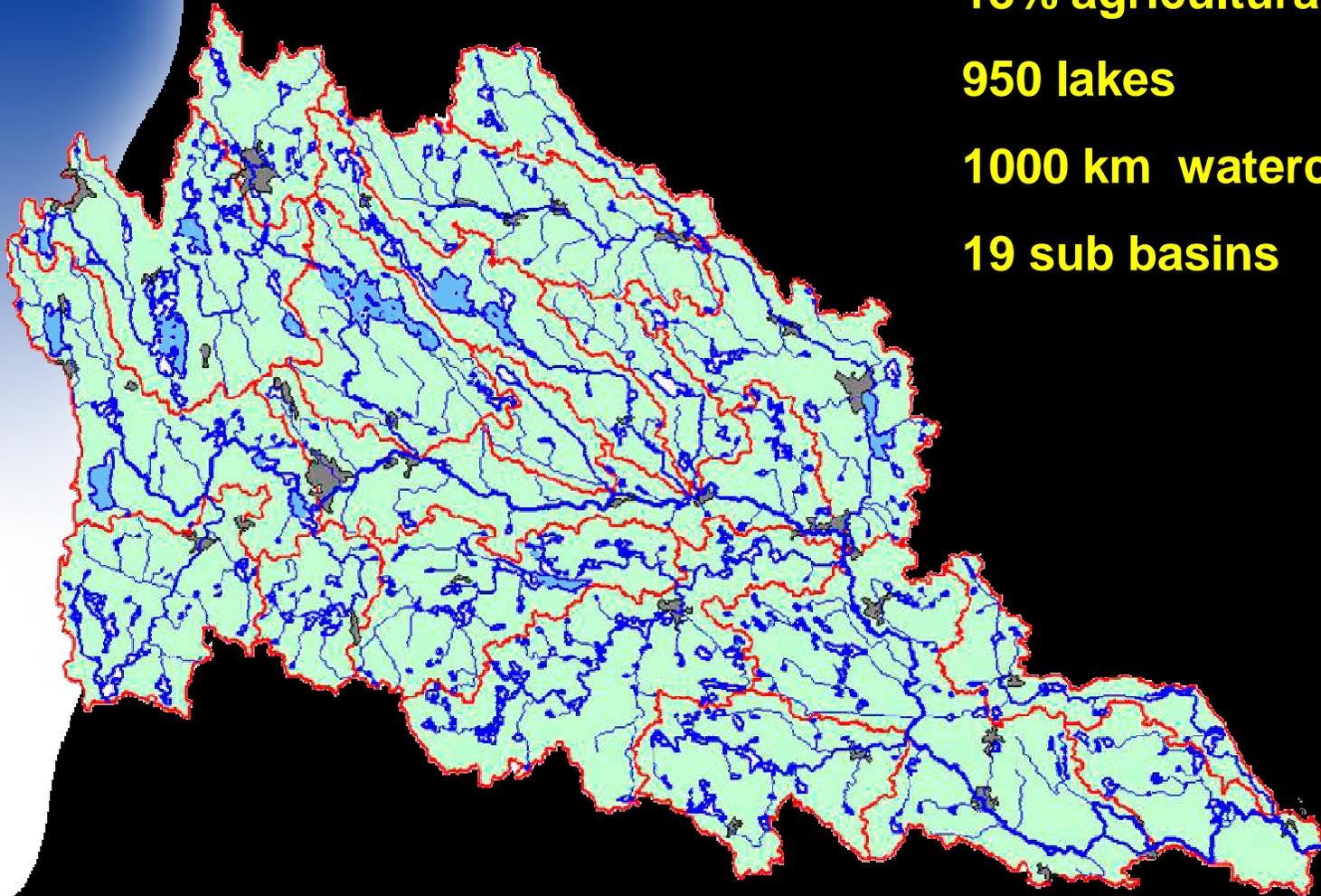
75% forest land

13% agricultural land

950 lakes

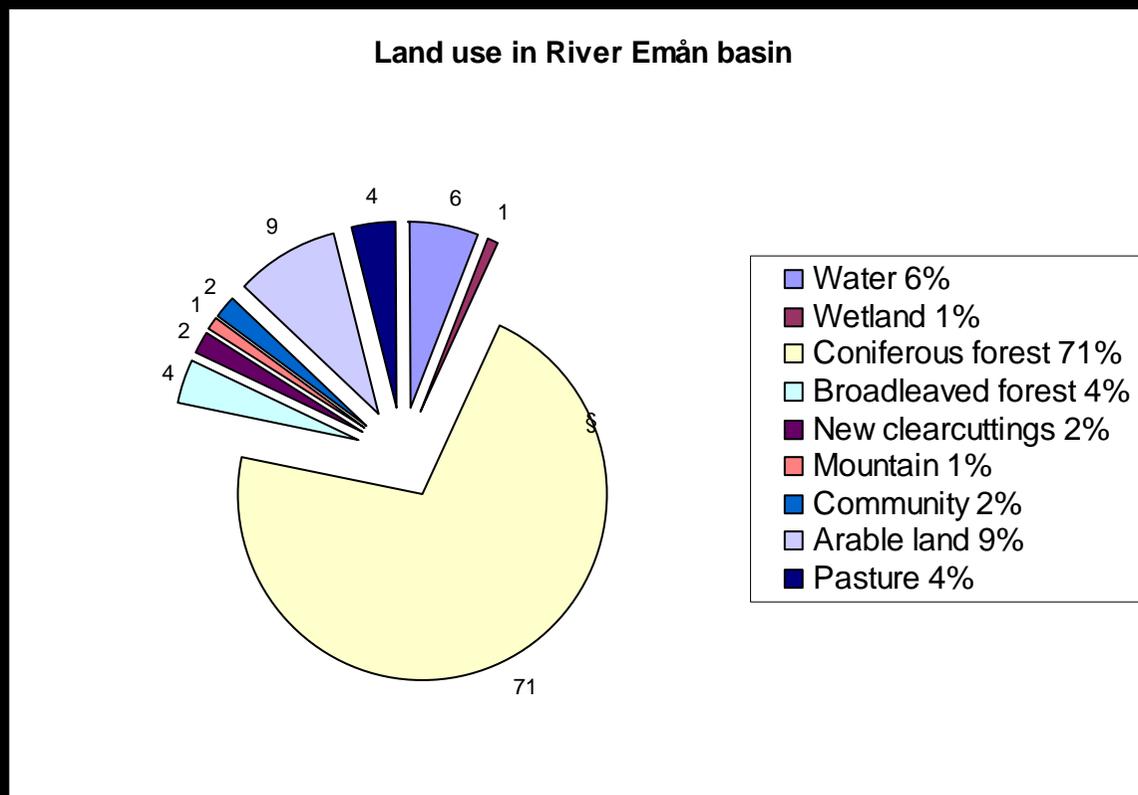
1000 km watercourses

19 sub basins





Land use in River Emån Basin





Who are we?



River Emån CMA

- Non government organisation (NGO)
- Service organisation for the municipalities
- Service organisation for the county administration
- Service organisation for other stakeholders
- Umbrella forum according to European Water Framework Directive
- Consultancy for biotope restoration, fish bypass, lake remediation etc.



**RIVER EMÅN
WATER ASSOCIATION**

1992

RIVER EMÅN PROJECT

**RIVER EMÅN
WATERBOARD**

1994

**EUROPEAN UNION
FUNDING**

1996

ERNIE

1998

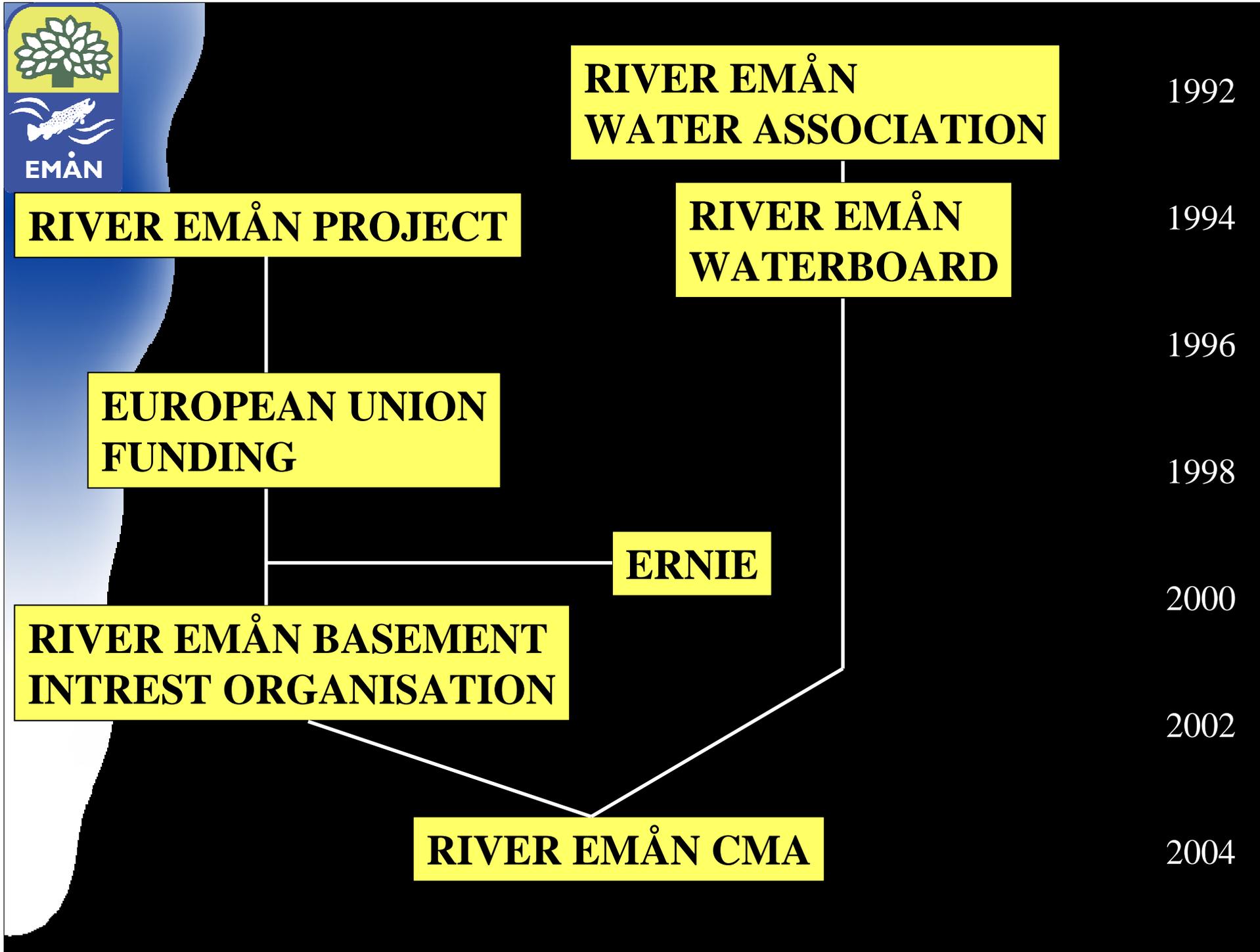
**RIVER EMÅN BASEMENT
INTEREST ORGANISATION**

2000

RIVER EMÅN CMA

2002

2004





River Emån CMA Board

Ordinary members

Vetlanda municipality
Eksjö municipality
Hultsfreds municipality
Högsby municipality
Regional authority F
Regional authority H
Industry representatives
Industry representatives
NGO's
Touristentrepreneur
Sportfishing
Forestry owners
Arla Foods (agriculture)

Replace members

Sävsjö municipality
Nässjö municipality
Oskarshamns municipality
Mönsterås municipality
Regional authority F
Regional authority H
Industry representatives
Industry representatives
NGO's
Turist information centre
Fishwaterowners association
National forestry authority
Farmes organisation



River Enån CMA staff:



Bo Troedsson – Executive Manager



Peter Johansson – Fishing biologist



Hans Månson – Country side development



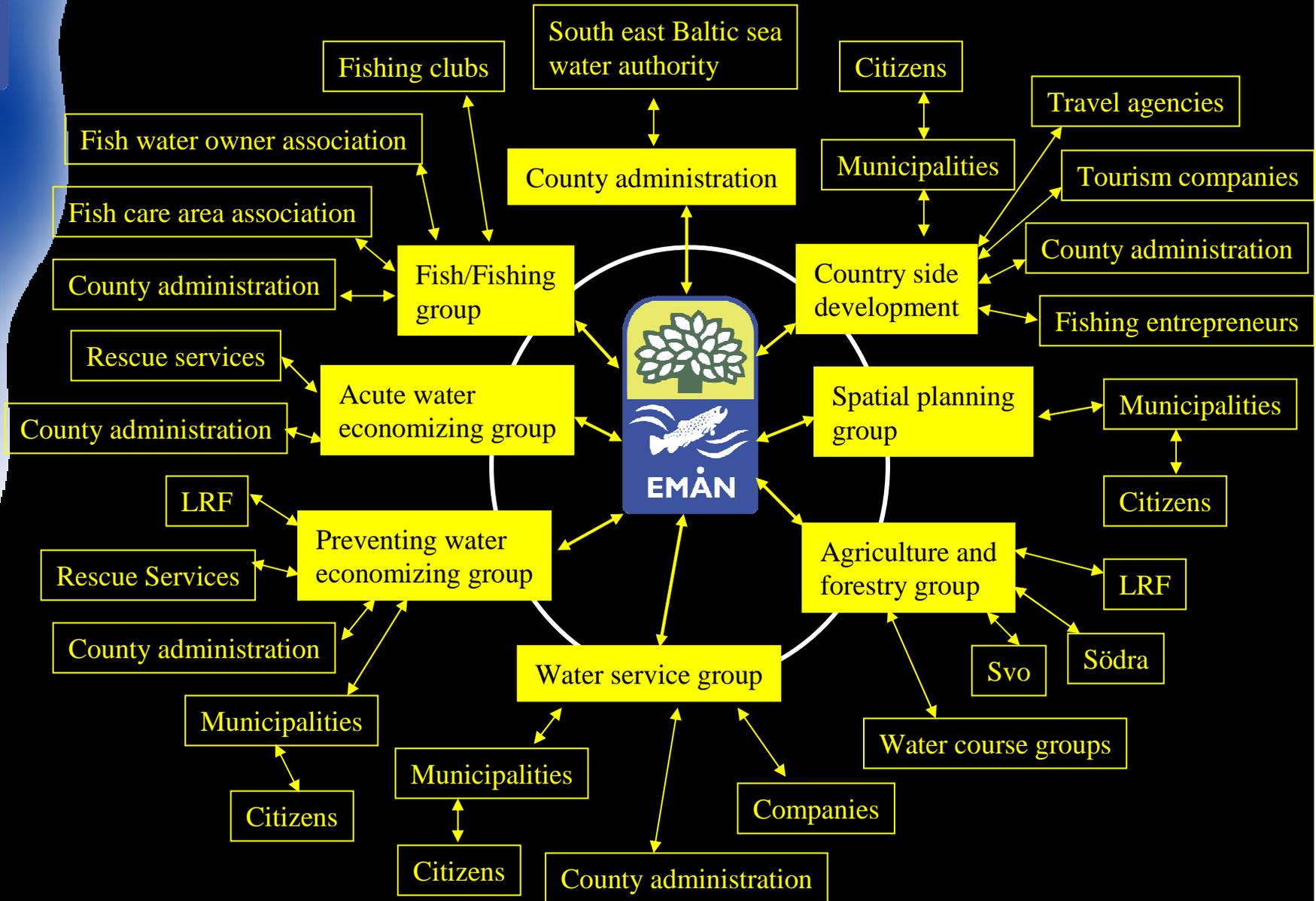
Thomas Nydén – Limnologist



Anna Nivfors – Water control coordinator

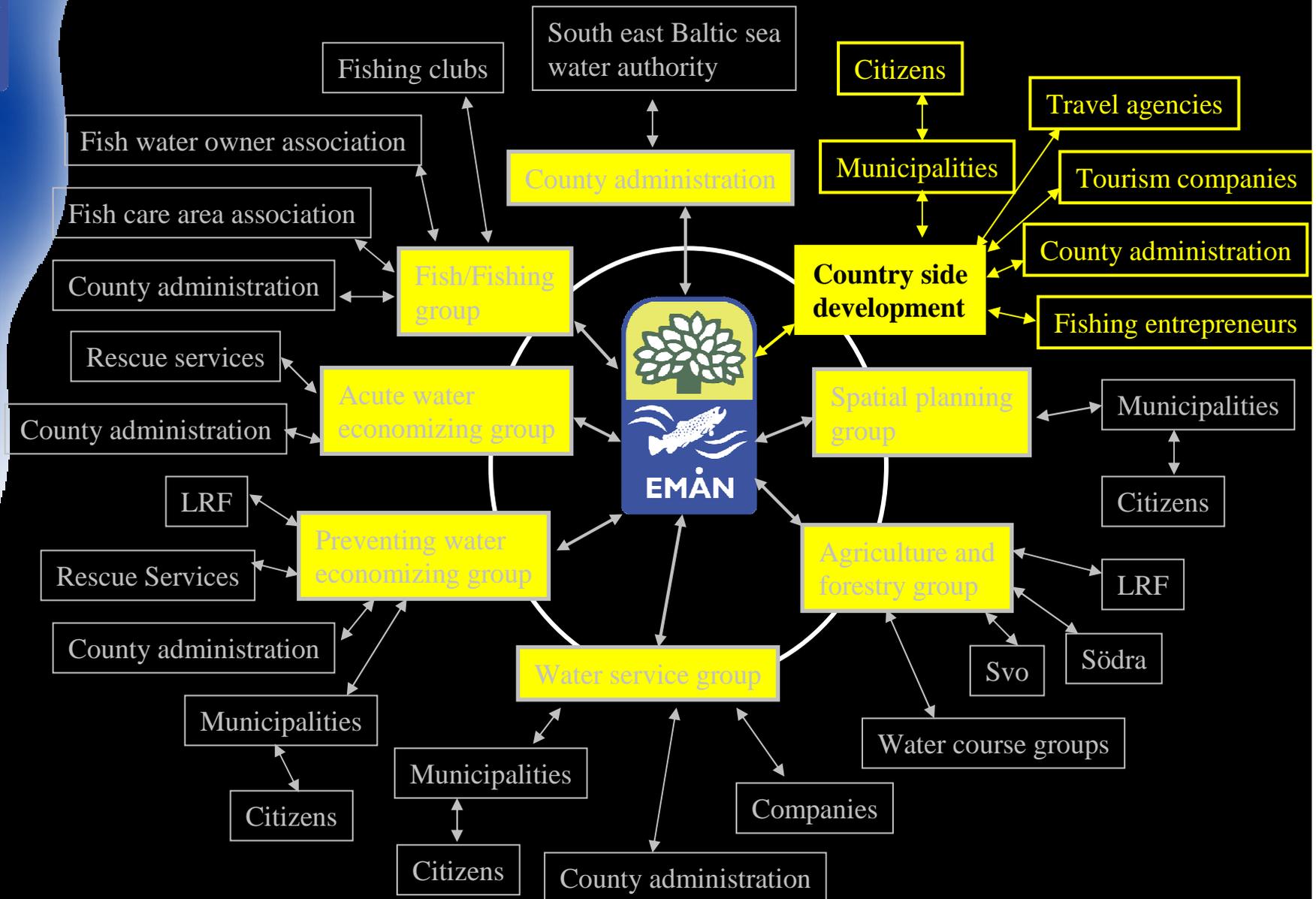


Stakeholder participation in Emån River Catchment Area



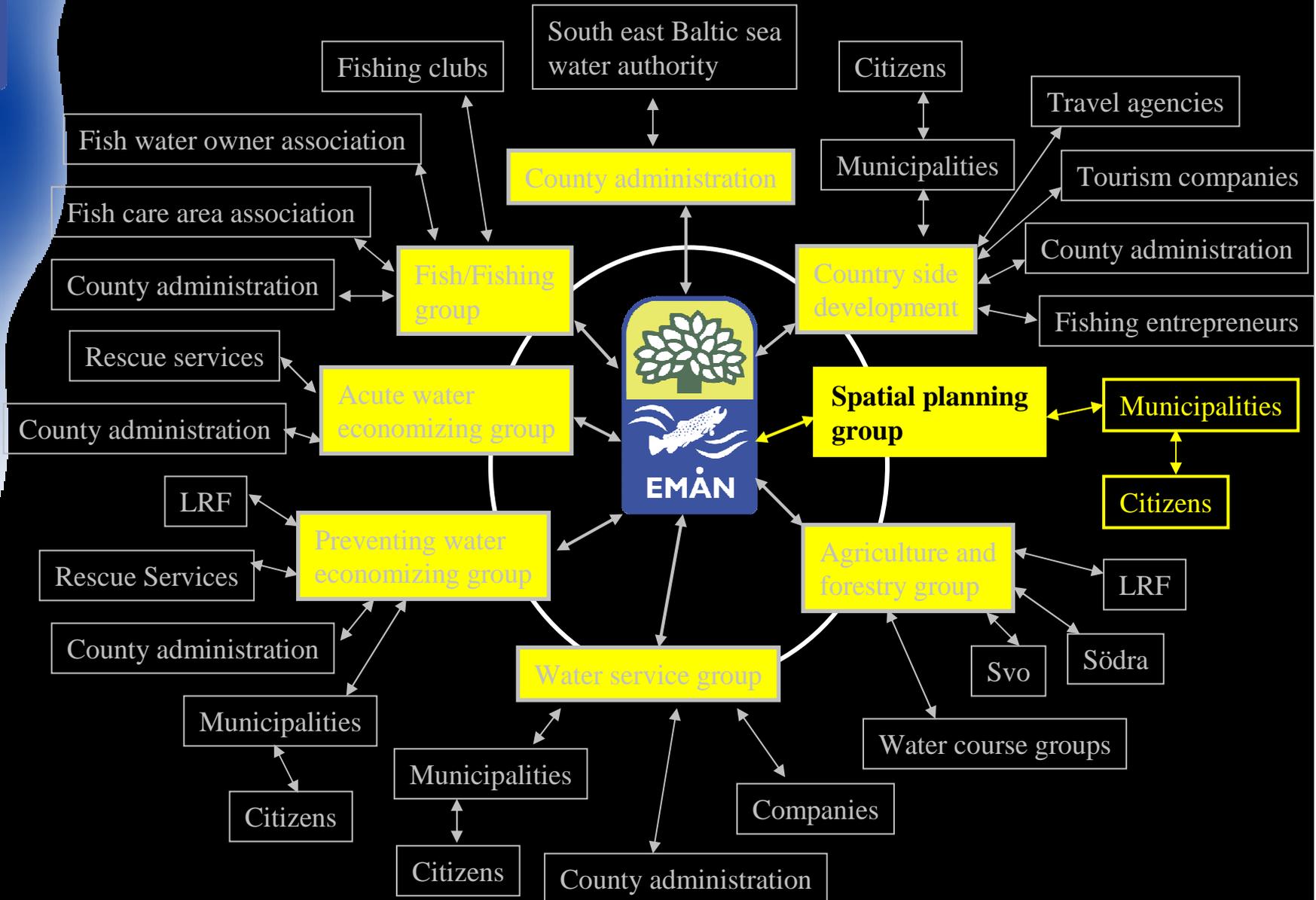


Stakeholder participation in Emån River Catchment Area



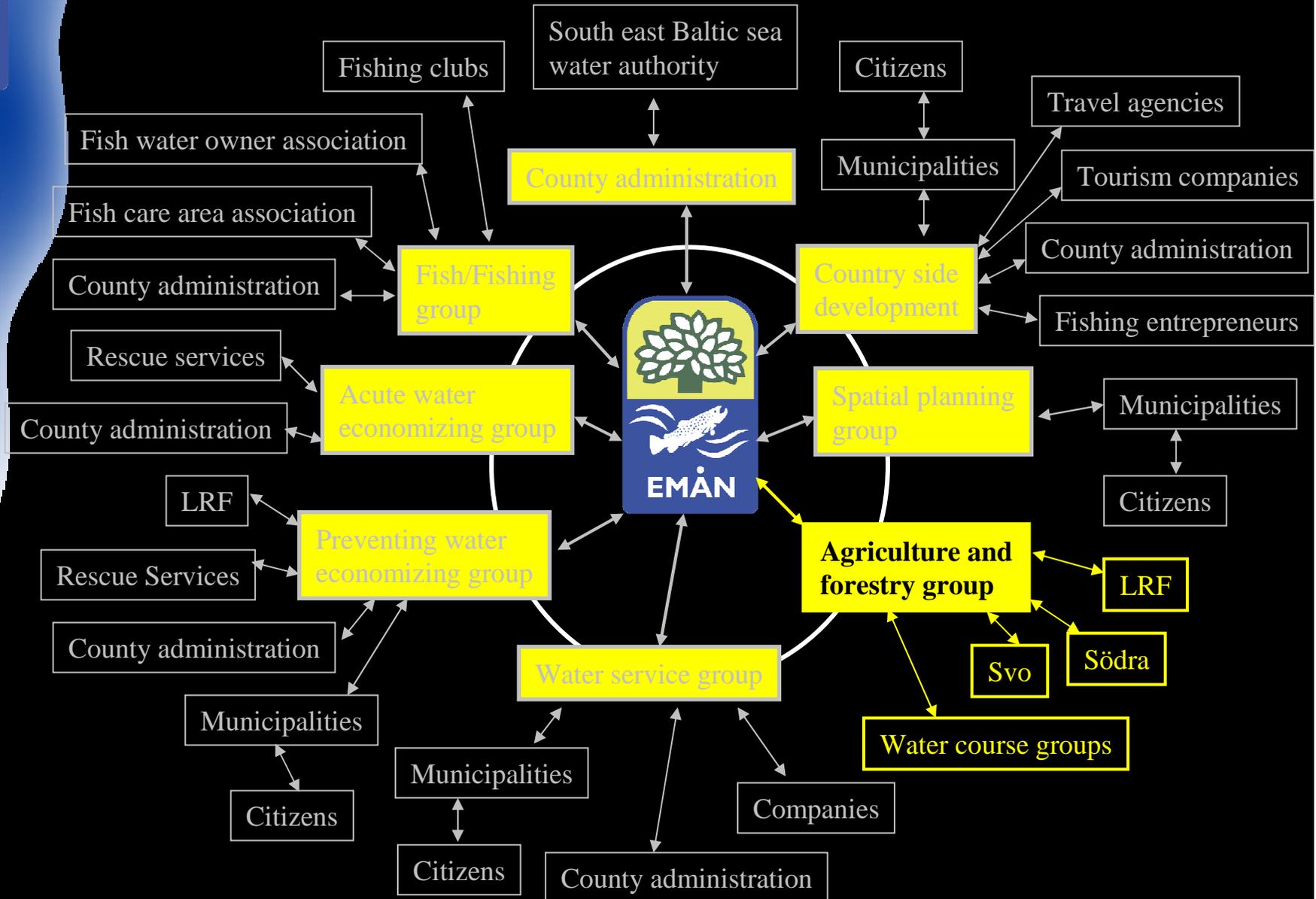


Stakeholder participation in Emån River Catchment Area



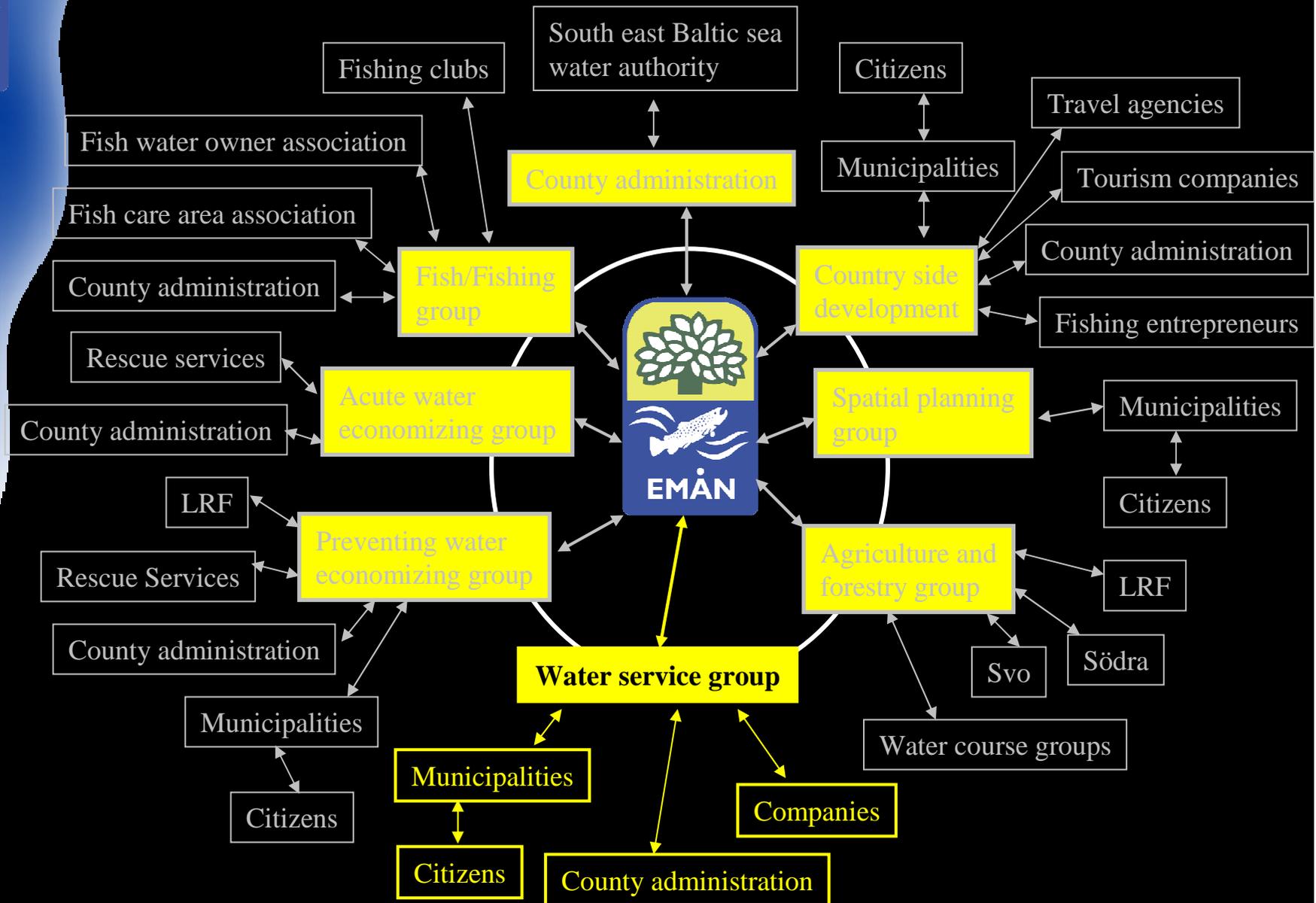


Stakeholder participation in Emån River Catchment Area



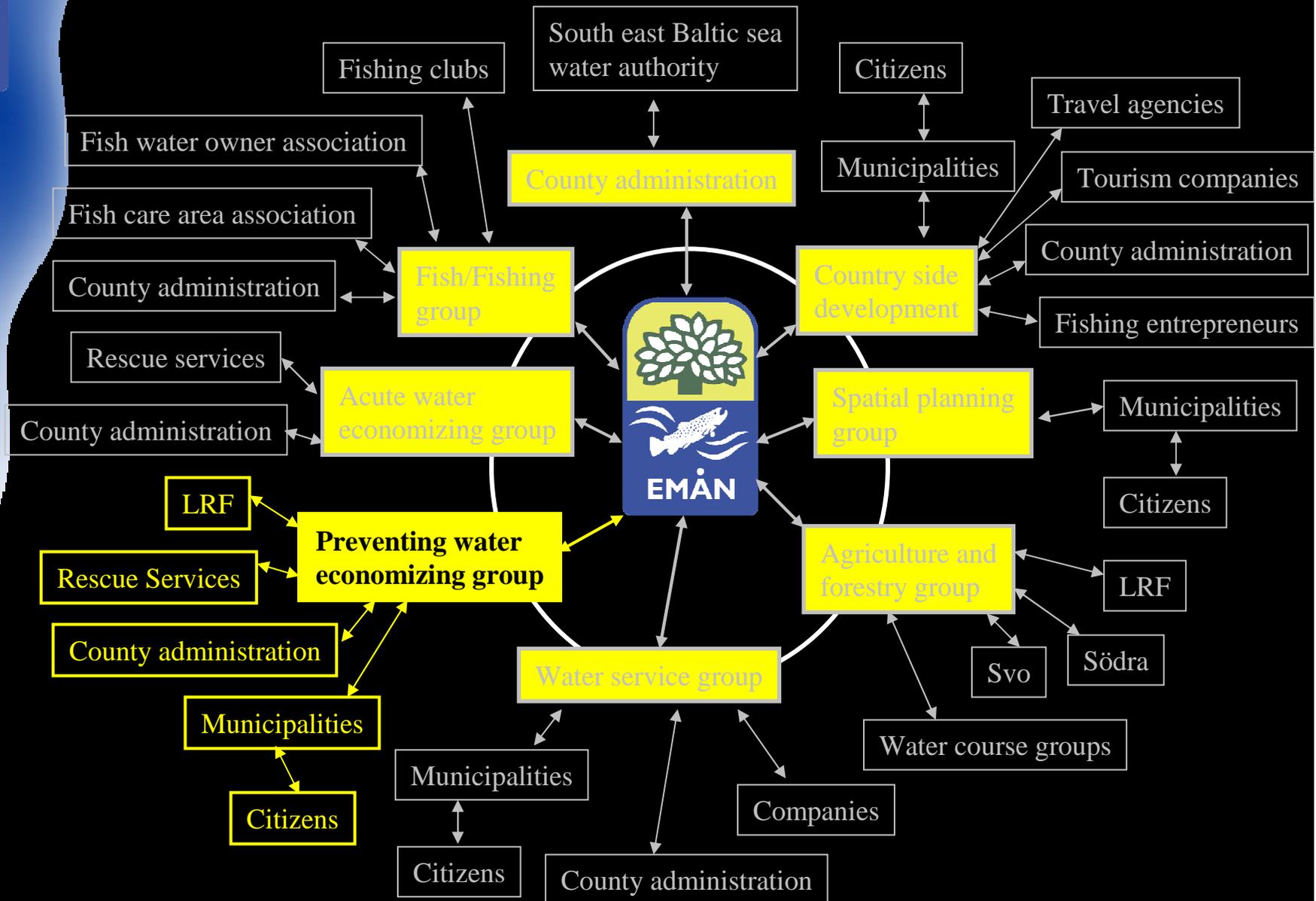


Stakeholder participation in Emån River Catchment Area



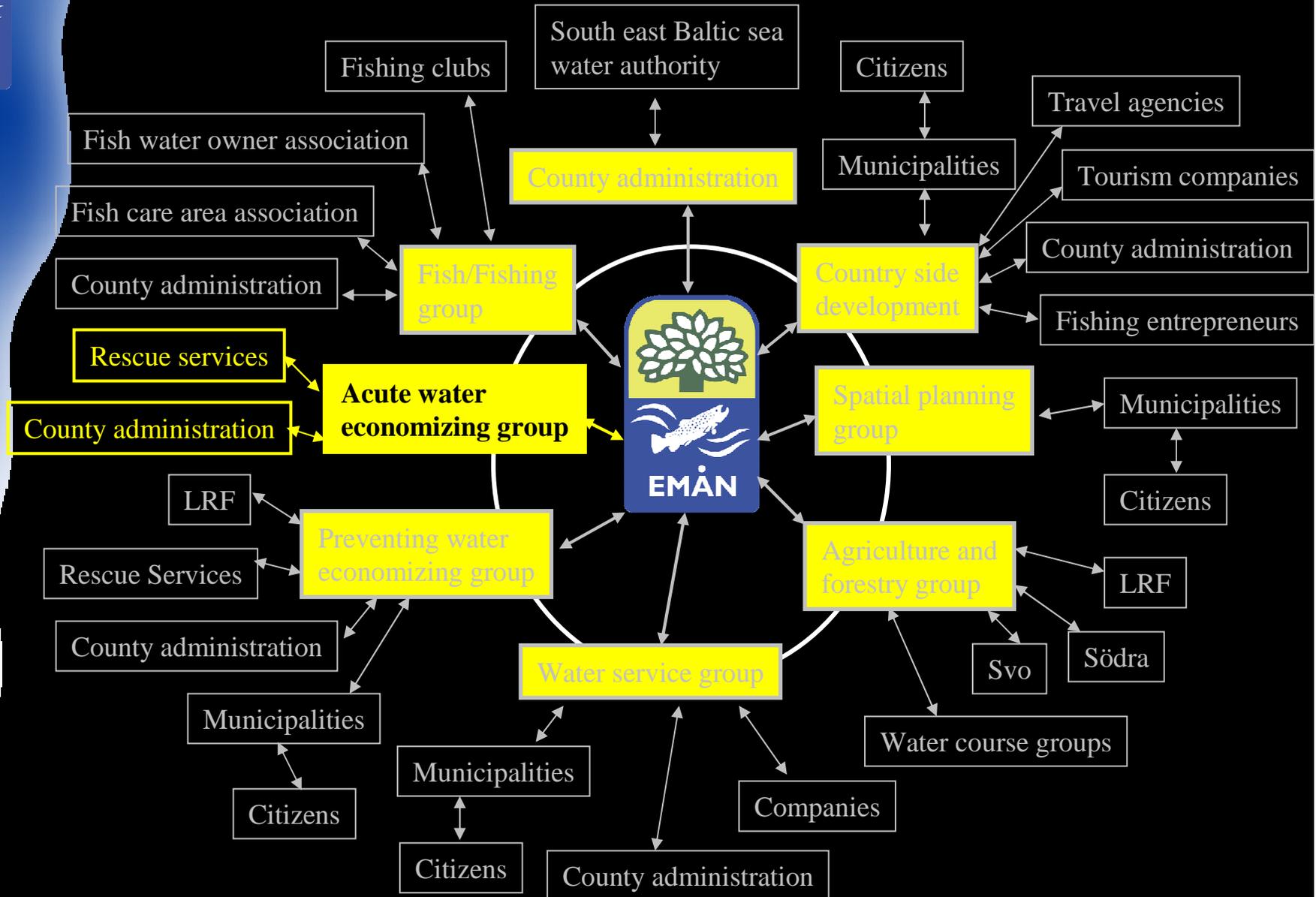


Stakeholder participation in Emån River Catchment Area



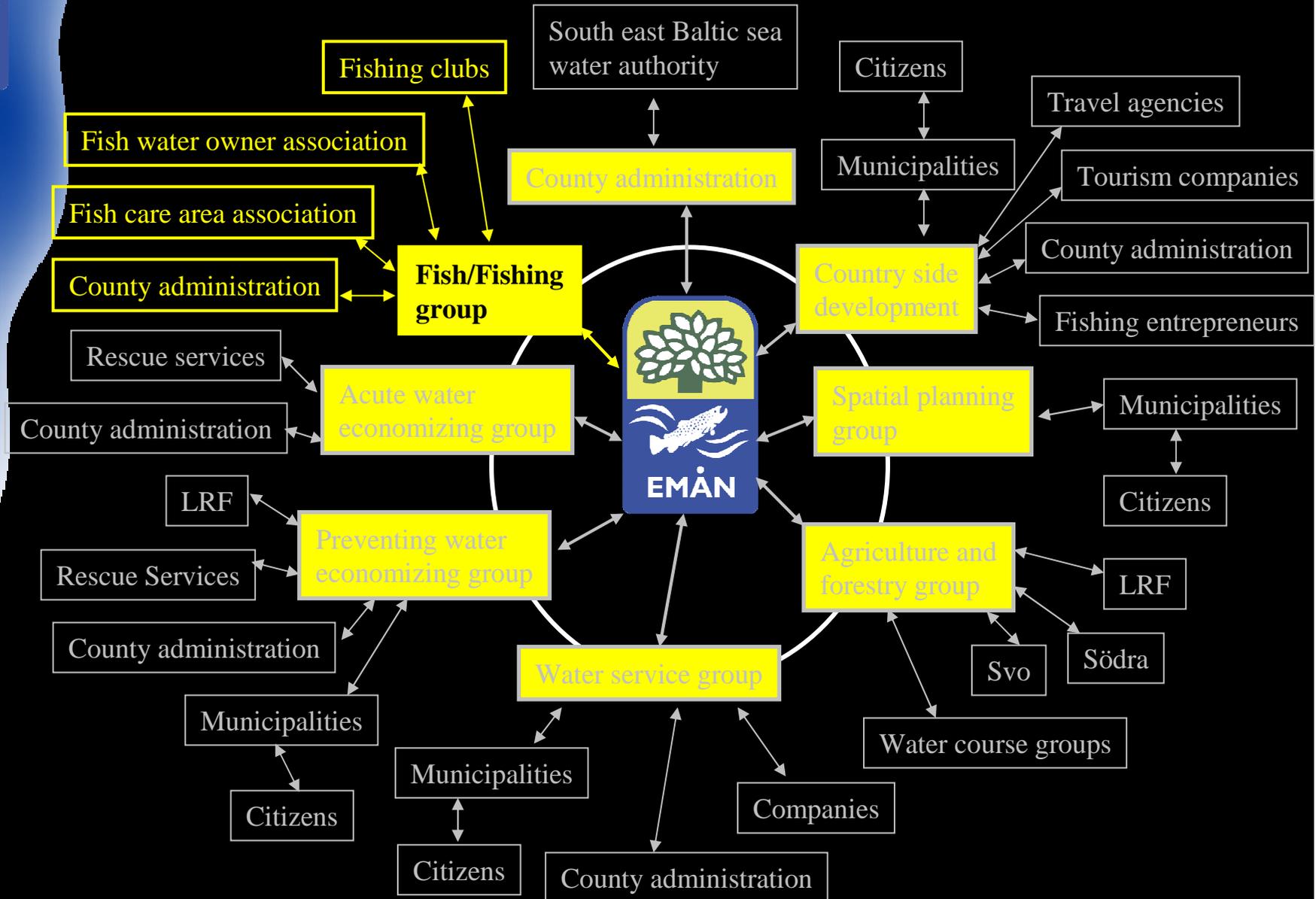


Stakeholder participation in Emån River Catchment Area





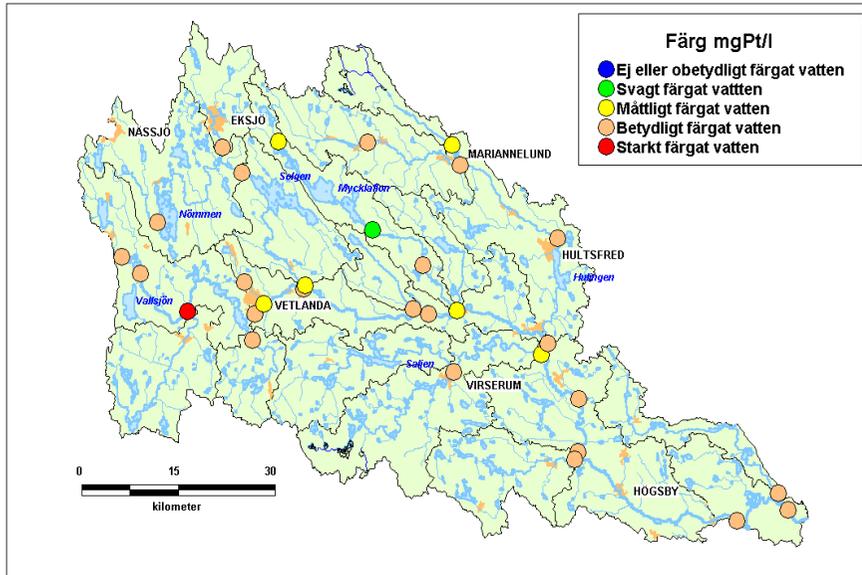
Stakeholder participation in Emån River Catchment Area



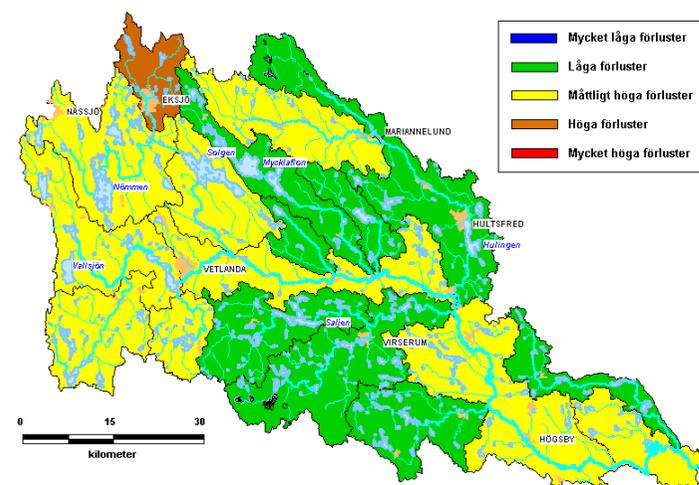


Monitoring

TILLSTÅND VATTENFÄRG 1992 - 2001



AREALSPECIFIK FÖRLUST AV TOTALKVÄVE. MEDEL 1992 - 2001





Water regulation management





Countryside development

- Co-operation between sportfishing entrepreneurs
- Co-operation between visiting targets
- Co-operation between tourism information centres
- Training and education

ENMaR partners

Spain

University of Santiago
de Compostela

England

Mersey Basin Business
Foundation
Victoria University
of Manchester

Germany

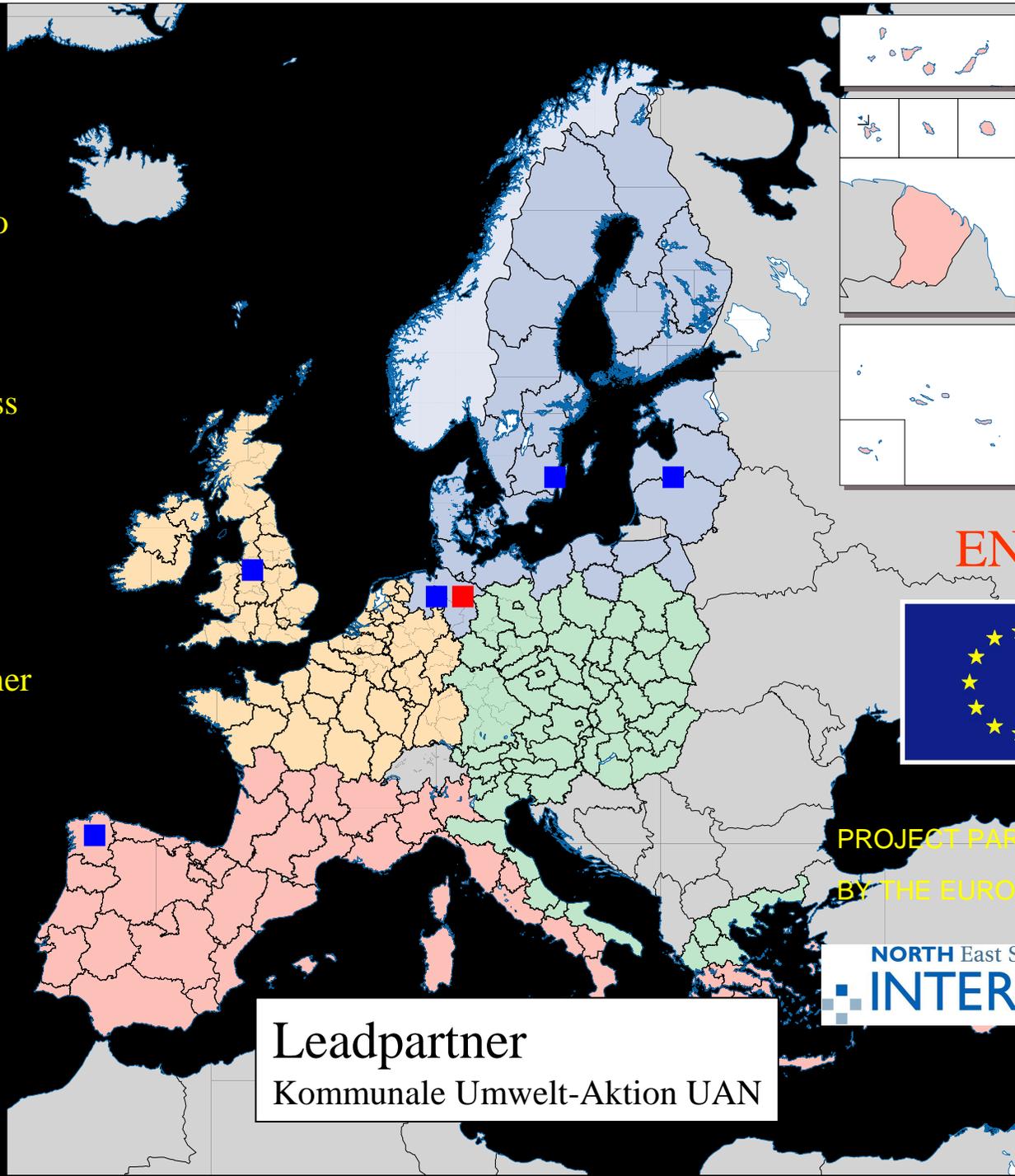
Oldenburg-Ostfriesisher
Wasserverband

Latvia

Vides projekti

Sweden

Emåförbundet



ENMaR



PROJECT PART-FINANCED
BY THE EUROPEAN UNION



Leadpartner
Kommunale Umwelt-Aktion UAN



Lake remediation



- 260 000 m³ paperfibre
- Hg kontaminated
- 120 million N\$

River Eman CMA was responsible for the environmental control





Lake limeing

3000 ton limestone annual

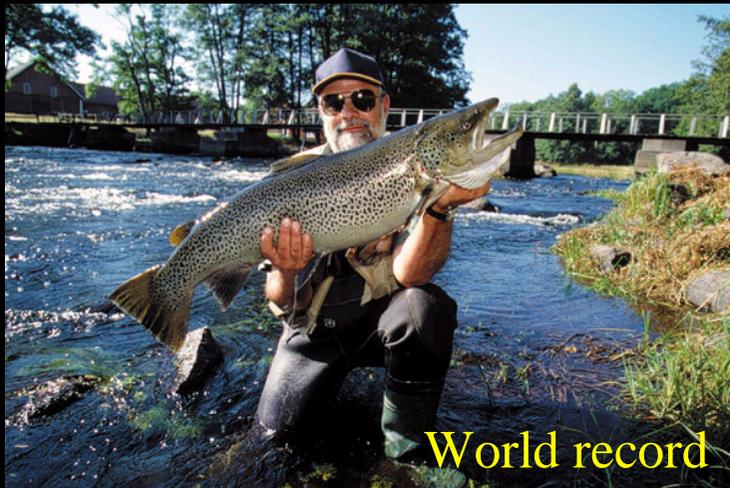
75 lakes





Develop Sportfishing

Building fishways



World record

Fast growing sea trout



Develop sportfishing



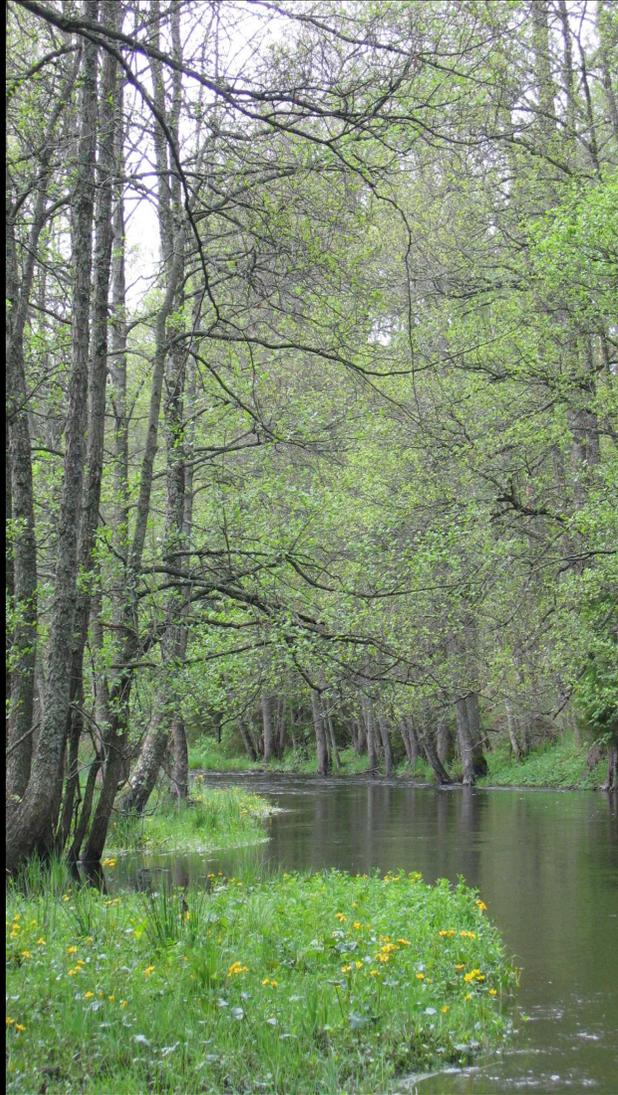
Biological restoration



Information for schoolchildren



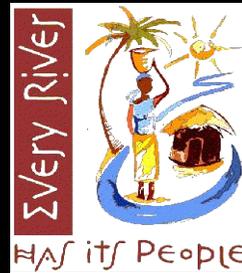
EMÅN



Water course groups



Project plan



**Collaboration Program between Namibia Nature Foundation /
Every River has its People and
River Eman Catchment Management Association
Project period 2008 - 2012**



Economy

- Municipalities
- County authorities
- Member fees
- Pulp Mill
- Municipality company
- Monitoring programme members
- Consultancy
- European Union funding



Thank you for your attention

www.eman.se