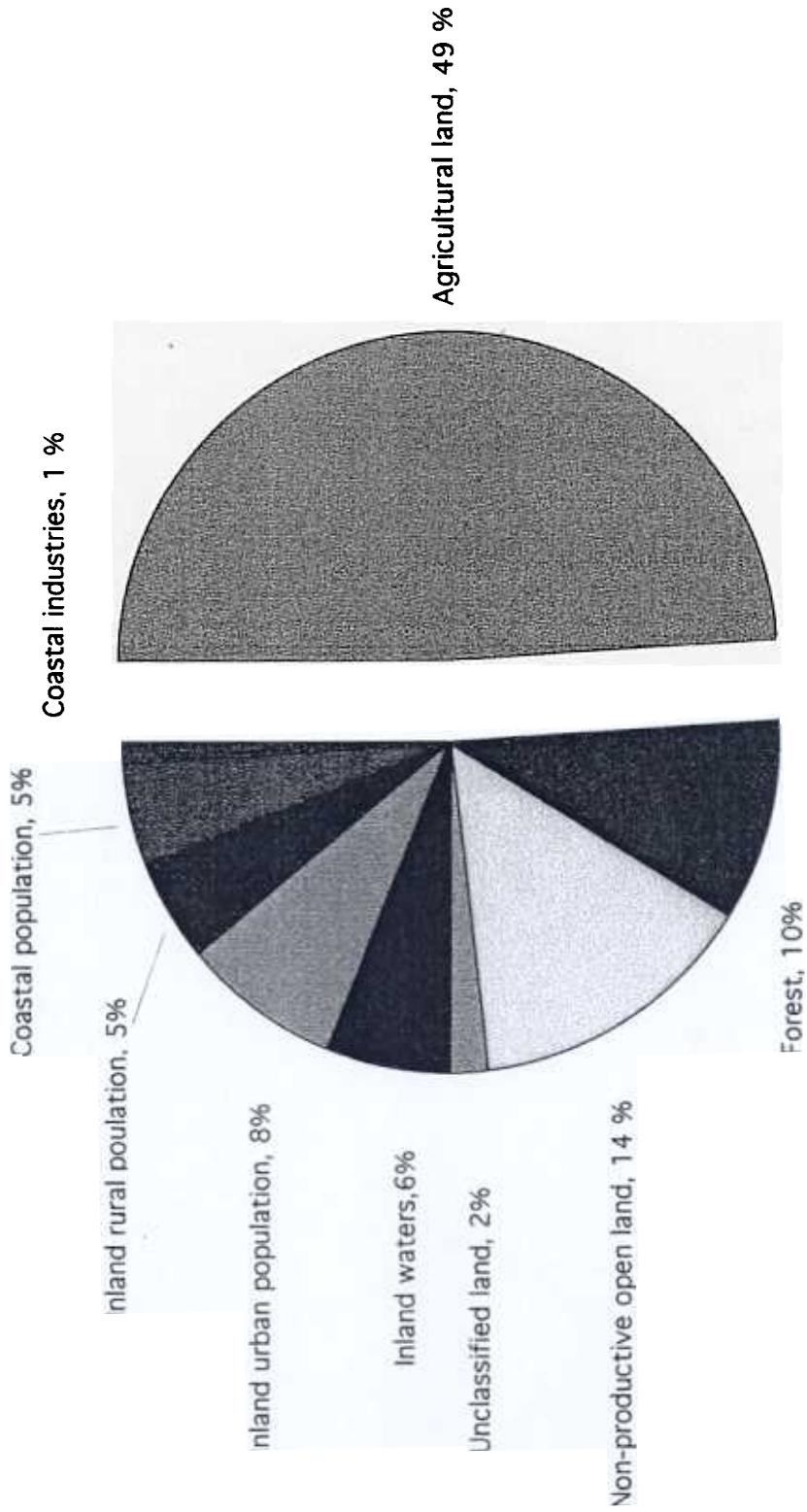


- Some experience of work to control pollution from agriculture

Diagr1

### Estimated nitrogen loads to inland waters in the Baltic Sea drainage basin



Per Stålnacke, 1996

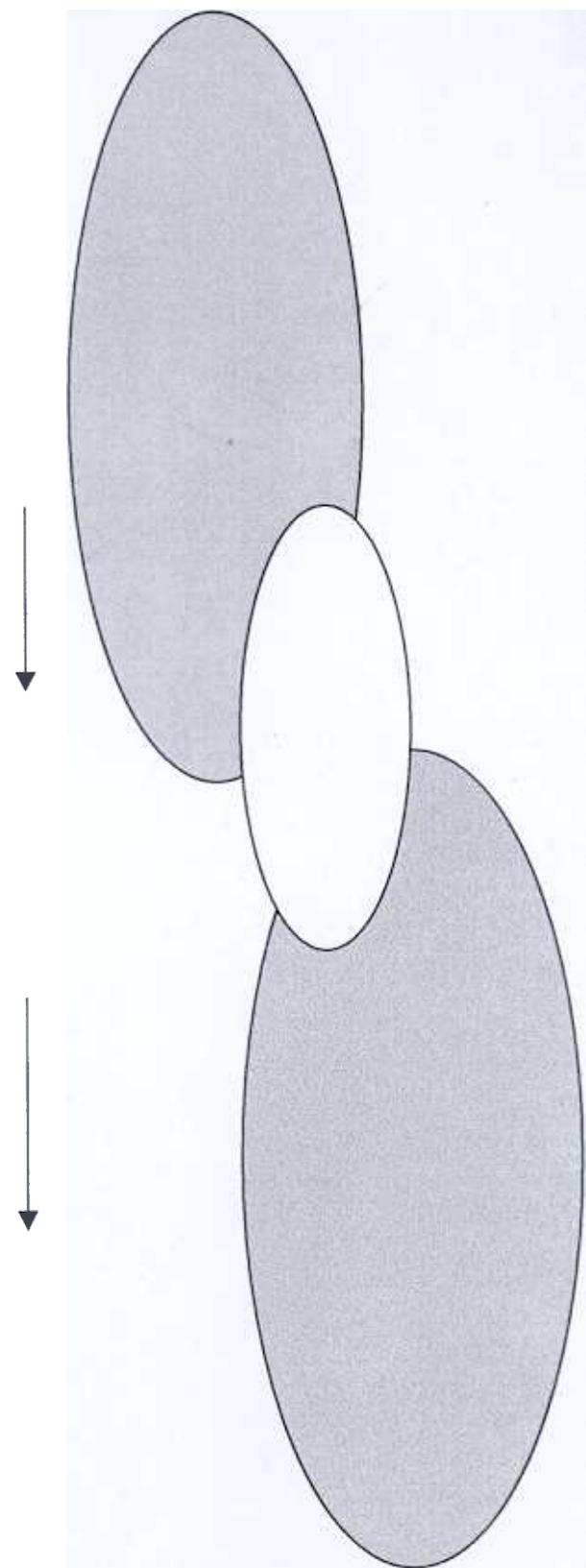
# Control of pollution from agriculture

Baltic Agricultural Run-off Action  
Project BAAP

- GEF Baltic Sea Regional Project/Agricultural- and Coastal Zone Management Activities

# Water A Management Continuum

- Marine
- Coastal
- Land



# BALTIC SEA REGIONAL PROJECT (BSRP)

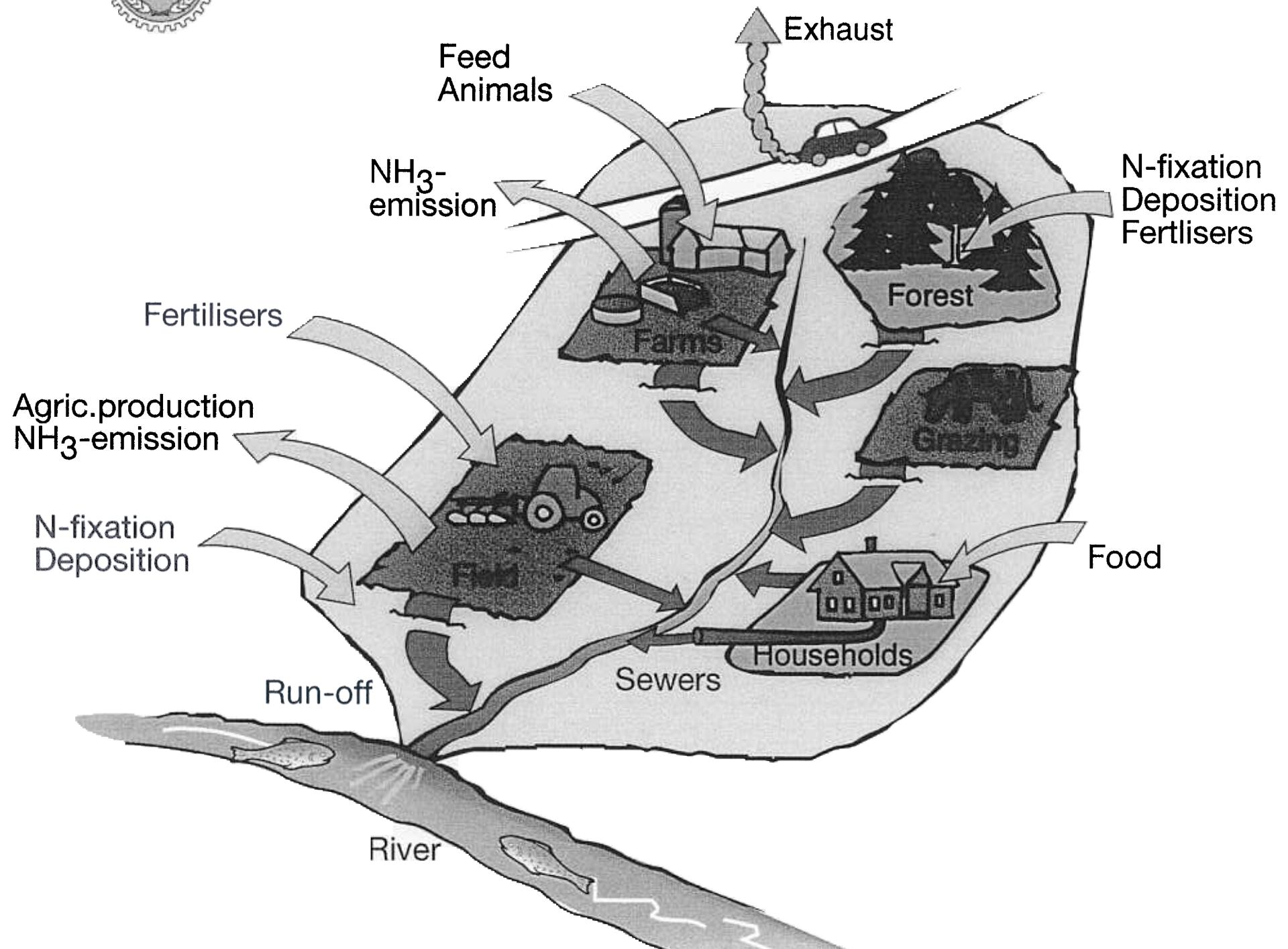
- » Component C1 Large Marine Ecosystem activities
- » Component C2 Landbased and Coastal Management Activities
- » Estonia Latvia Poland and Russia (Kalingrad)
- » Phase 1 (2003-2006), Phase 2 and Phase 3

# Component (C2) activities

- » Agriculture Interventions 50 %
- » Monitoring and Assessment Activities 20 %
- » Coastal Zone Management Activities 20 %
- » Interaction with Component 1 10 %

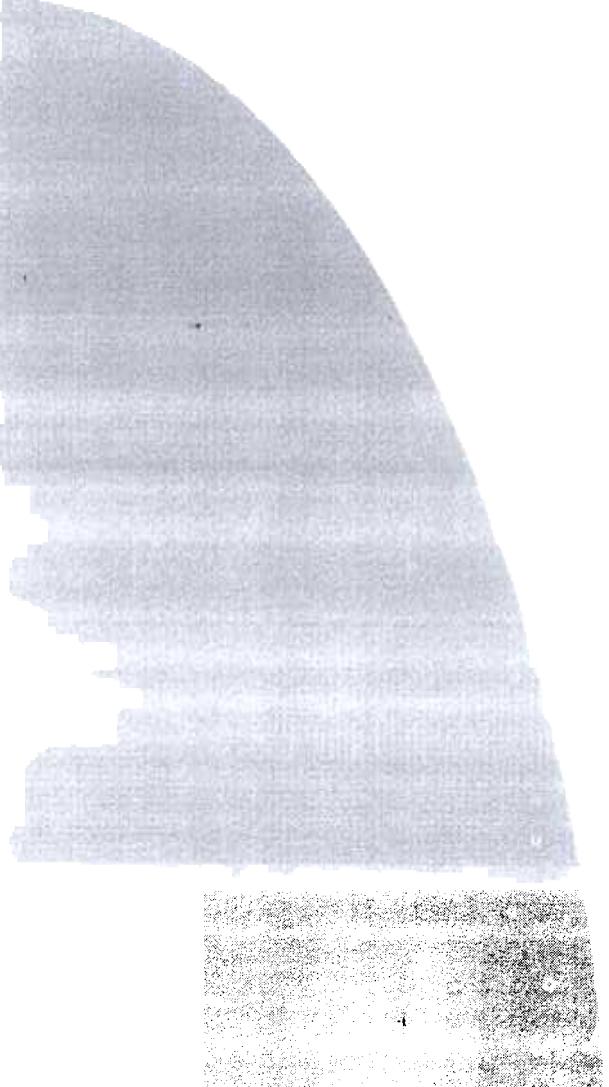
# Local Implementation Unit (LIU)

- ❖ LIU Director
- ❖ Rural economy expert
- ❖ Agri-environmental expert
- ❖ Agri-technical expert
- ❖ Monitoring and assessment expert
- ❖ Coastal zone management expert, NGO



# **BAAP Methodology**

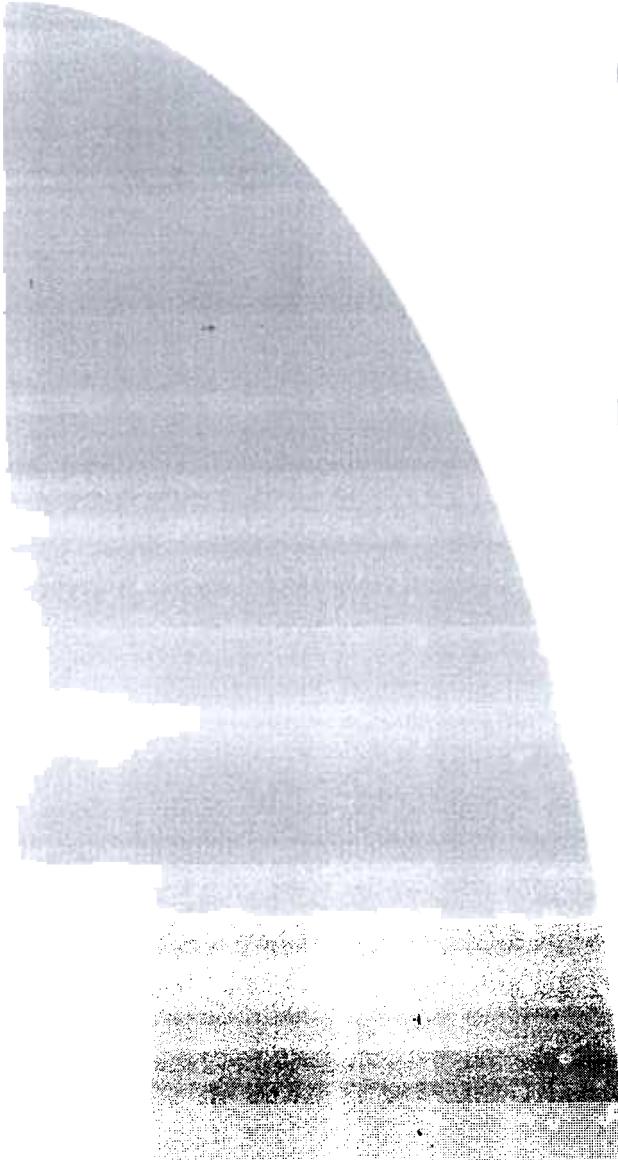
- Increase know-ledge and awareness
- Bridge eutrophication problem in the Sea
- Strengthen farmers incomes
- Learn from others



# BAAP Methodology

- Monitoring and assessment
- Demonstration farms and watersheds
- Farm Environmental Management System (EMS)
- Regional networking





# Potential for reduction of nitrogen losses

- Great variation in losses 10 - 200 Kg N/ha
- Great variation in yields 2000-7000 Kg/ha

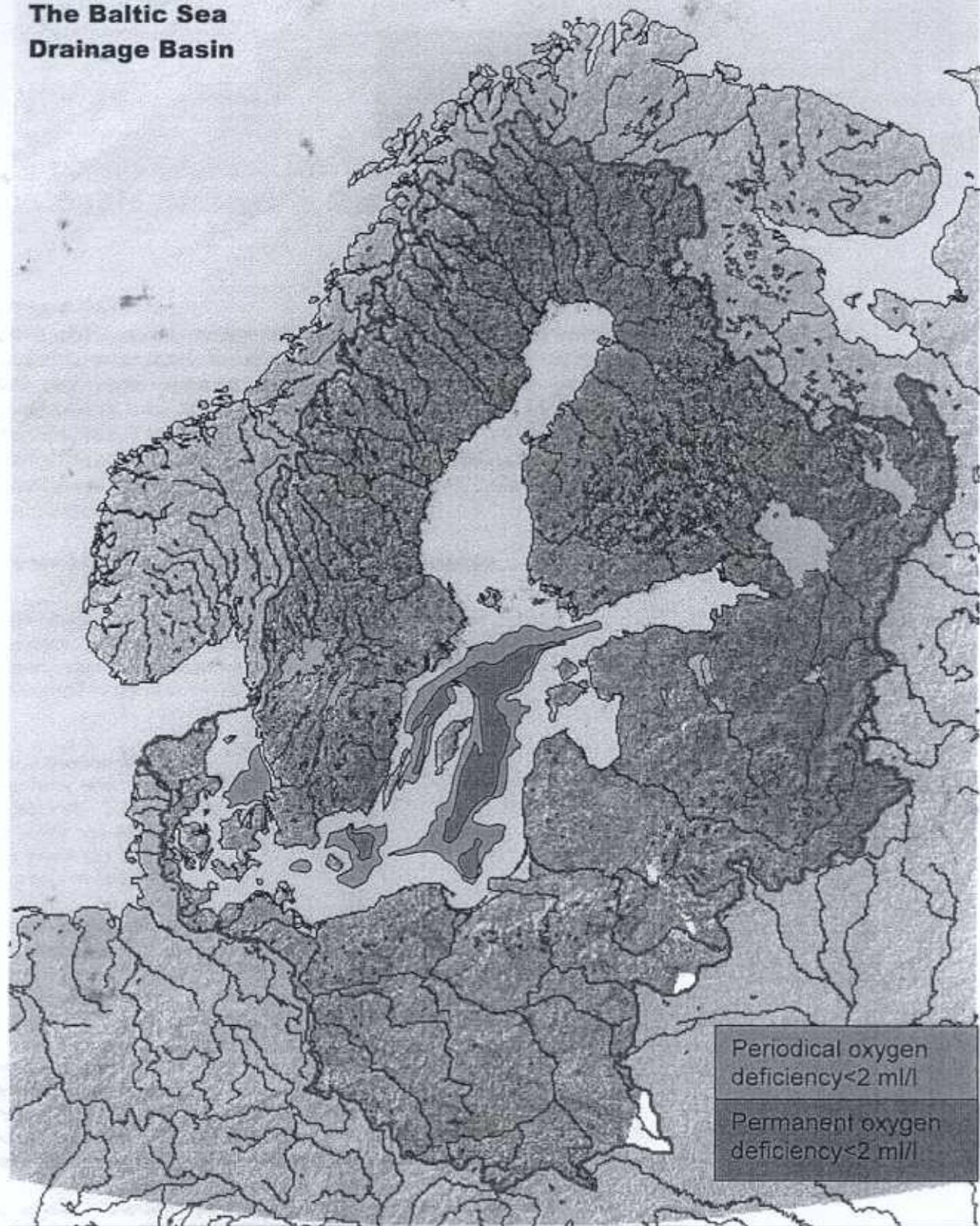
# Potential for reduction of nitrogen losses

- Manure storage
  - 25-50 %
- Catch crops/spring plowing
  - 10-20 %
- Manure in springtime
  - 5-10 %

# Baltic Sea Drainage Basin

- Nitrogen load from agriculture
- 400 000 - 800 000 tonnes per year
- 1 % reduction 4000-8000 tonnes annually
- 5 % reduction 20 000-40 000 tonnes annually

**The Baltic Sea  
Drainage Basin**



**Baltic Ecological Recycling Agriculture and Society  
a Remedy for an Eutrophicated Baltic Sea**