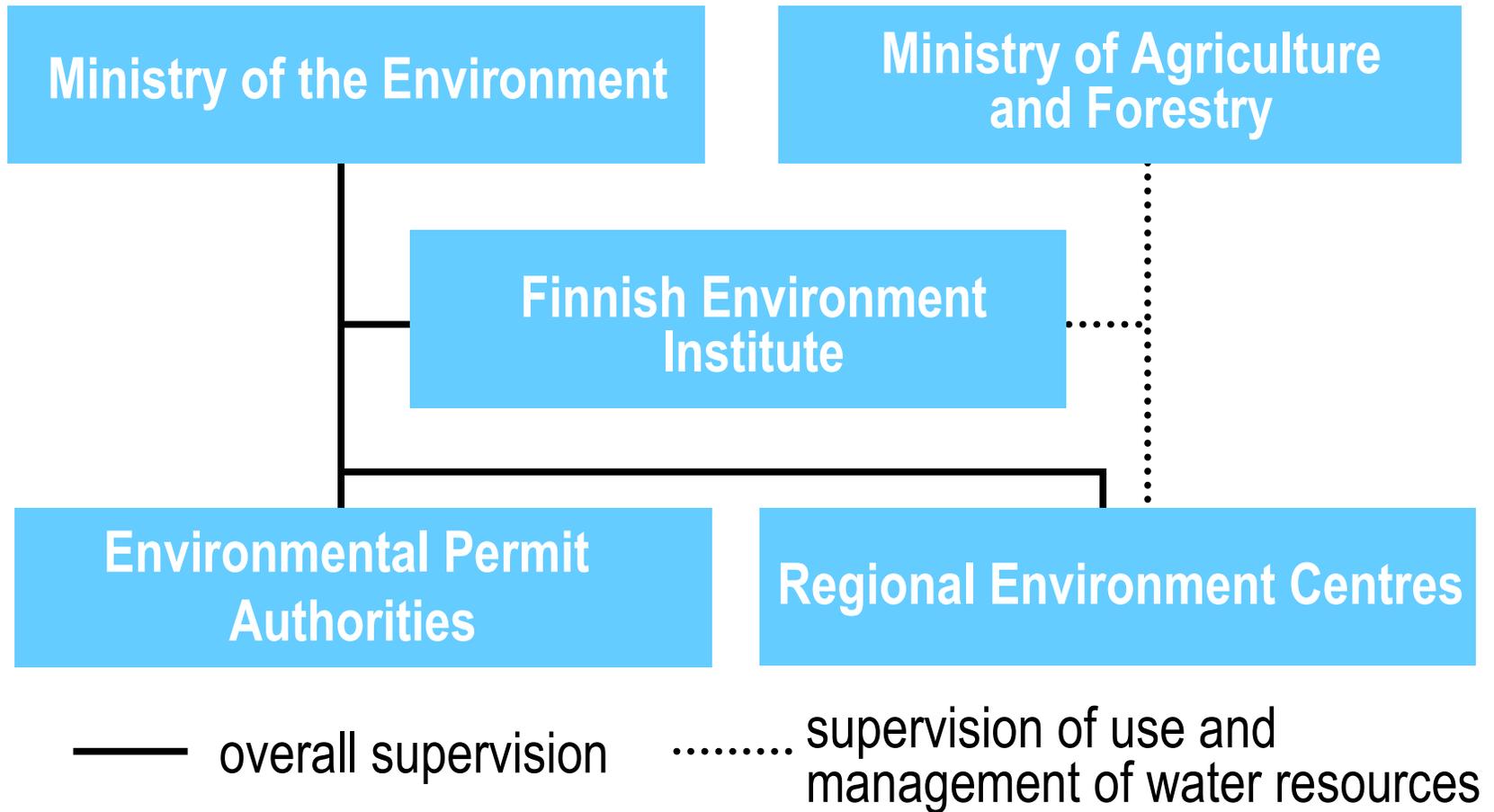


The implementation of
the water framework
directive in Finland
Heikki Mäkinen 27.1.2004

SYKE in the Finnish Environmental Administration



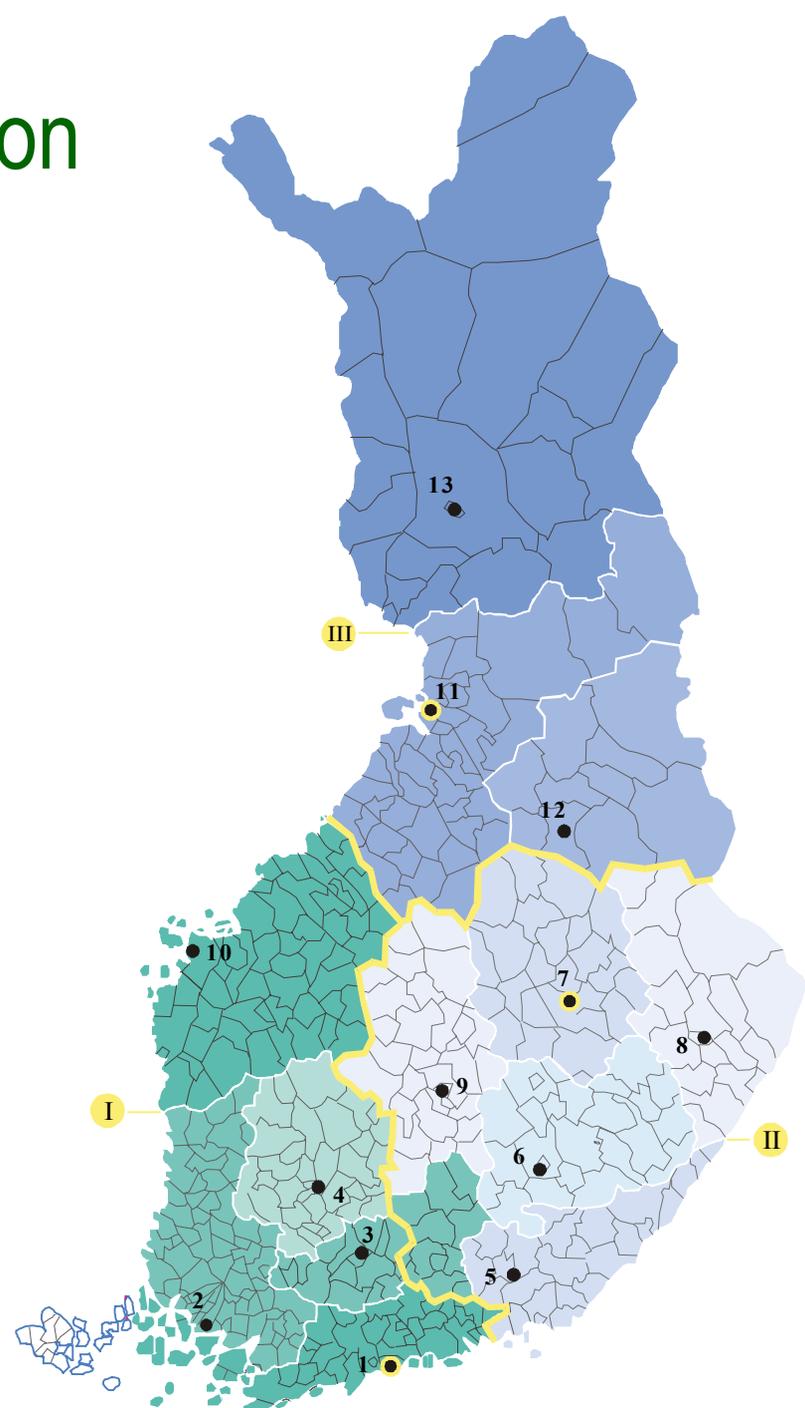
Environmental Administration Regional Administration

Regional Environment Centres

- 1 Uusimaa
- 2 Southwest Finland
- 3 Häme
- 4 Pirkanmaa
- 5 Southeast Finland
- 6 South Savo
- 7 North Savo
- 8 North Karelia
- 9 Central Finland
- 10 West Finland
- 11 North Ostrobothnia
- 12 Kainuu
- 13 Lapland

Environmental Permit Authorities

- I Western Finland
- II Eastern Finland
- III Northern Finland



Quality of surface waters in 1994–1997

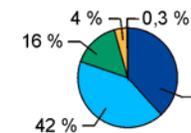
Lakes

- >1 km² were included
- 93 % of total lake area was classified
- 38 % excellent
- 42 % good
- 16 % satisfactory
- 4 % passable
- 0.3 % poor

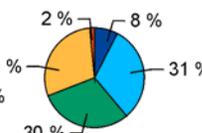
Quality of Finnish surface waters in 1994-1997
General classification of water quality



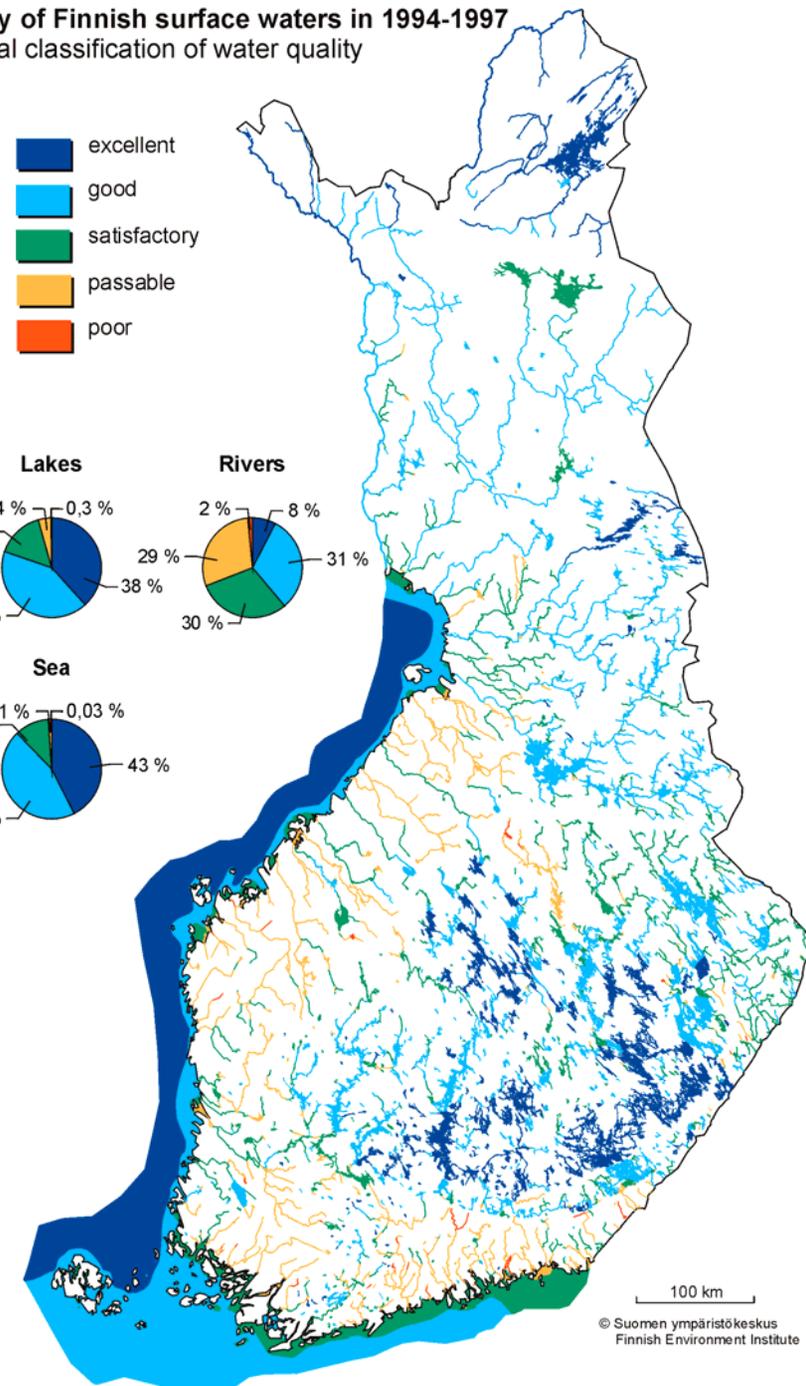
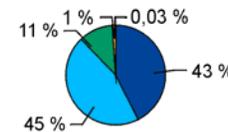
Lakes



Rivers



Sea



Governance of water management according to WFD

- Communicative planning in river basin districts
- Transparency of planning
- should be finalized by next summer

Aggregating national guidances

WFD is unclear and needs explication

- Two levels of guidances: EU and national
- Guidances in Finnish
- Issues: water bodies, pressures and impacts, economic analysis, protected areas

Oulujoki pilot-project

- Main issues
 - water bodies,
 - pressures and impacts,
 - economic analysis,
 - protected areas
 - public participation

