

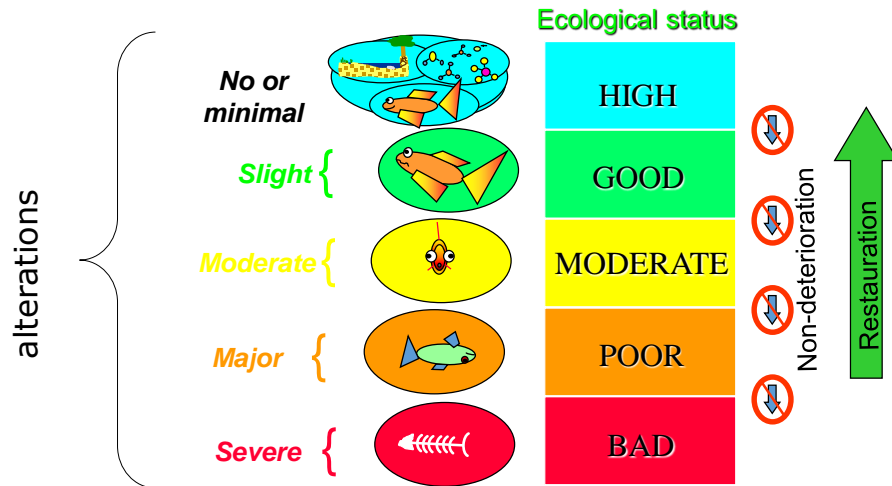
Development of the environmental objectives according with WFD

Gheorghe Constantin
Director
Ministry of Environment, Water and Forests

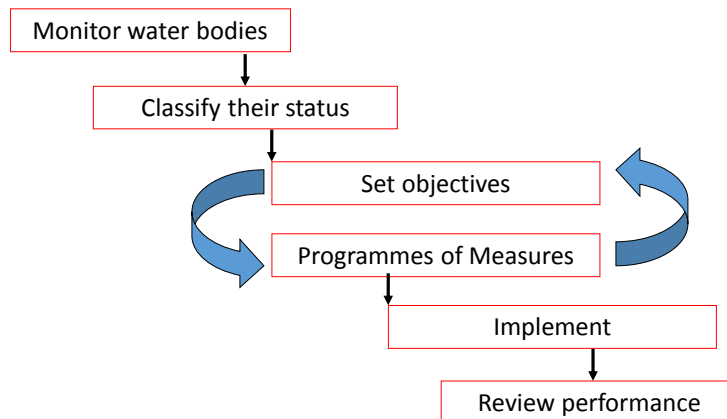
ECRAN Screening Workshop, Sarajevo, 17-19 November 2015



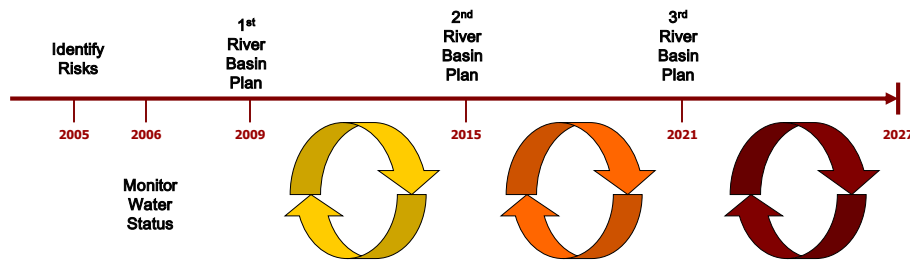
Ecological Objectives



River Basin Planning Process



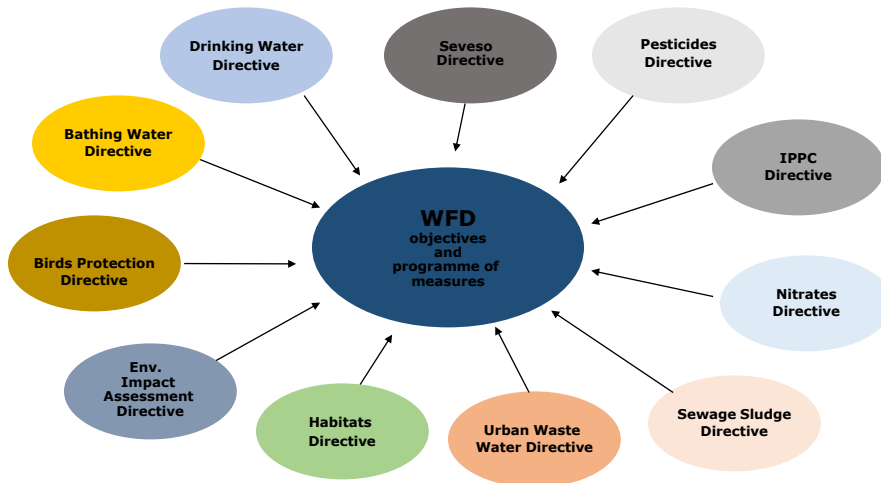
WFD – Planning Cycles



Water Framework Directive Objectives

- Prevent deterioration of the status of waters
- Protect, enhance and restore all bodies of surface waters and ground waters
- Promote sustainable water use (through effective pricing of water services)
- Progressively reduce discharges of priority substances and cease or phase discharges of priority hazardous substances for surface waters
- Ensure progressive reduction of pollution of groundwater
- Mitigate the effects of floods and droughts
- Ensure sufficient supply of water,
- Protect the marine environment.

A coherent framework



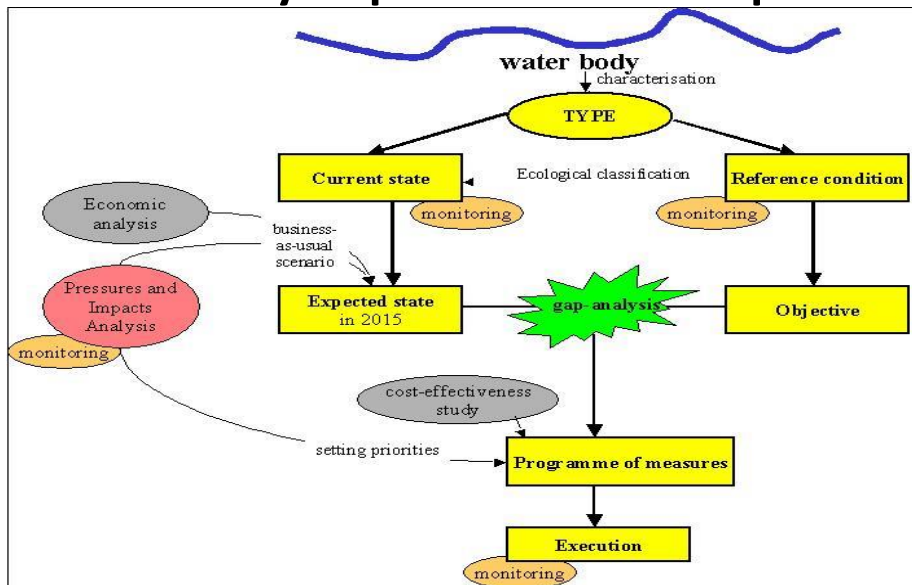
Good Water Status

- Good surface water status = good ecological + good chemical status
- Good groundwater status = good quantity + good chemical status
- Good ecological potential for 'heavily modified and artificial water bodies'
- Priority "hazardous" substances reduced (for both)
- „One out all out"

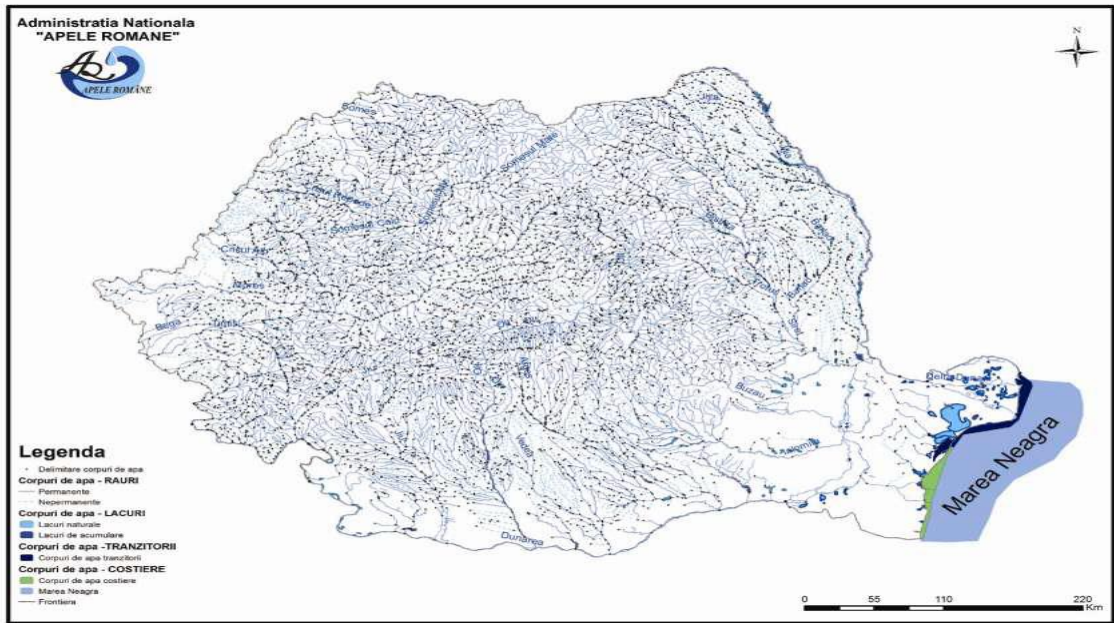
Shared River Basins



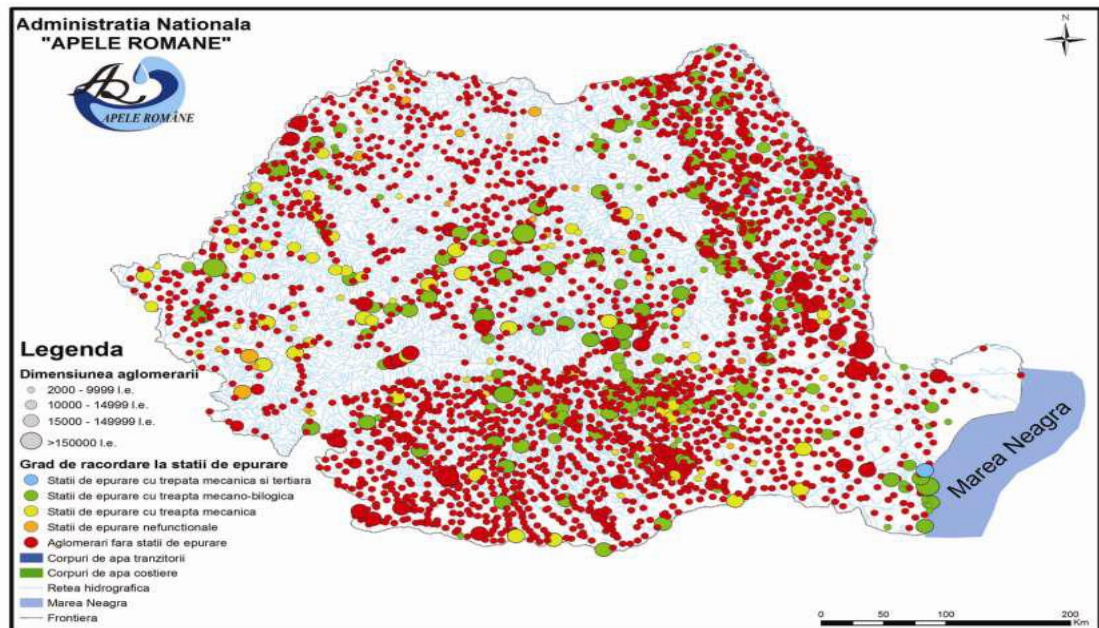
Key Implementation Steps



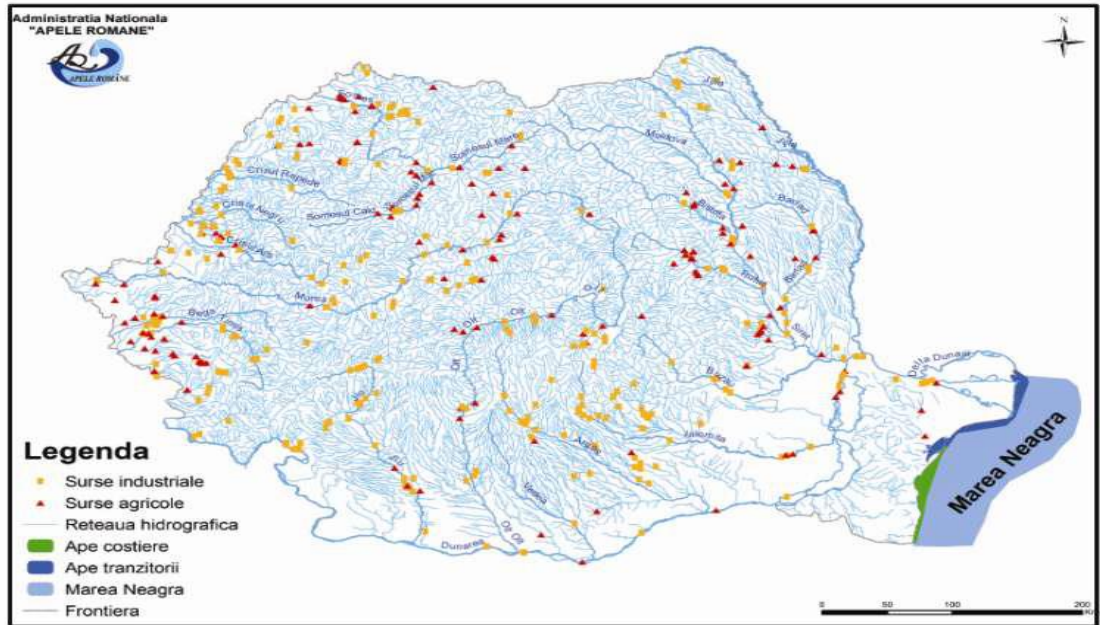
Water Bodies in Romania



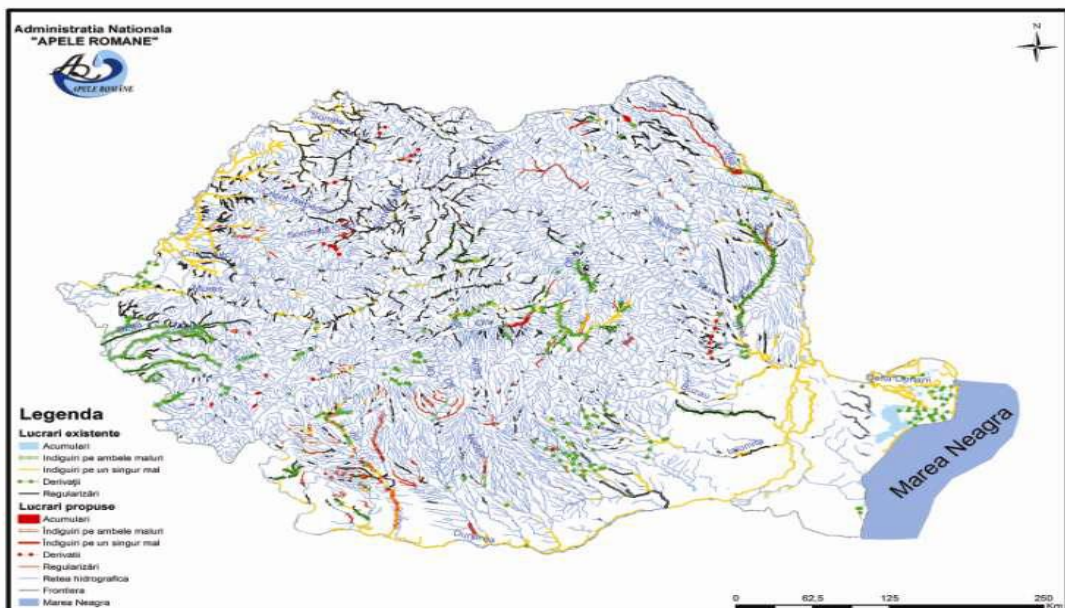
Agglomeration with more 2000 i.e



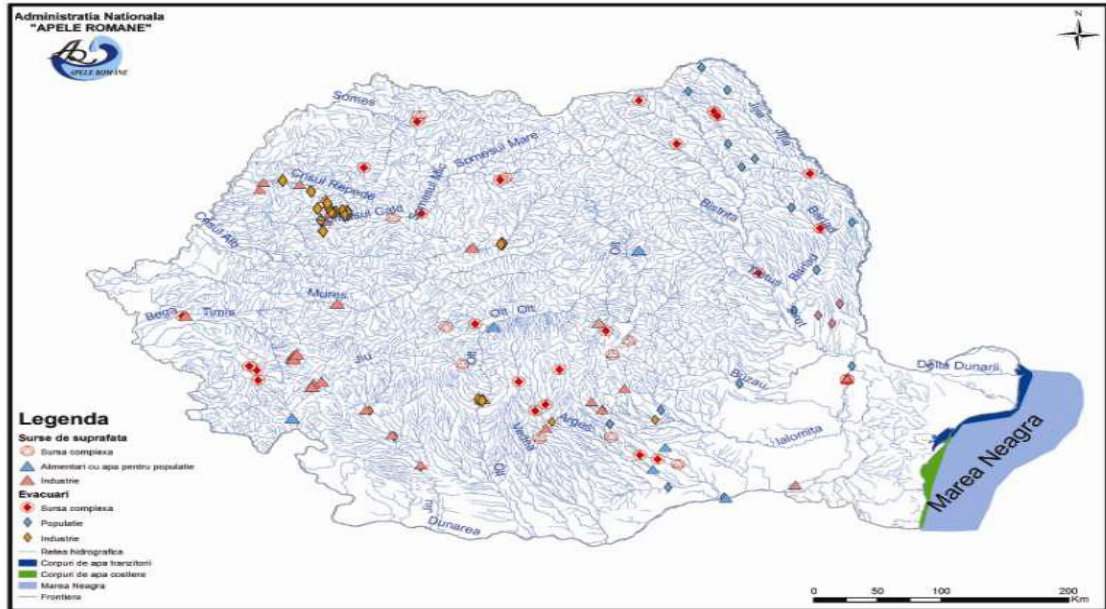
Main point sources (industry and agriculture)



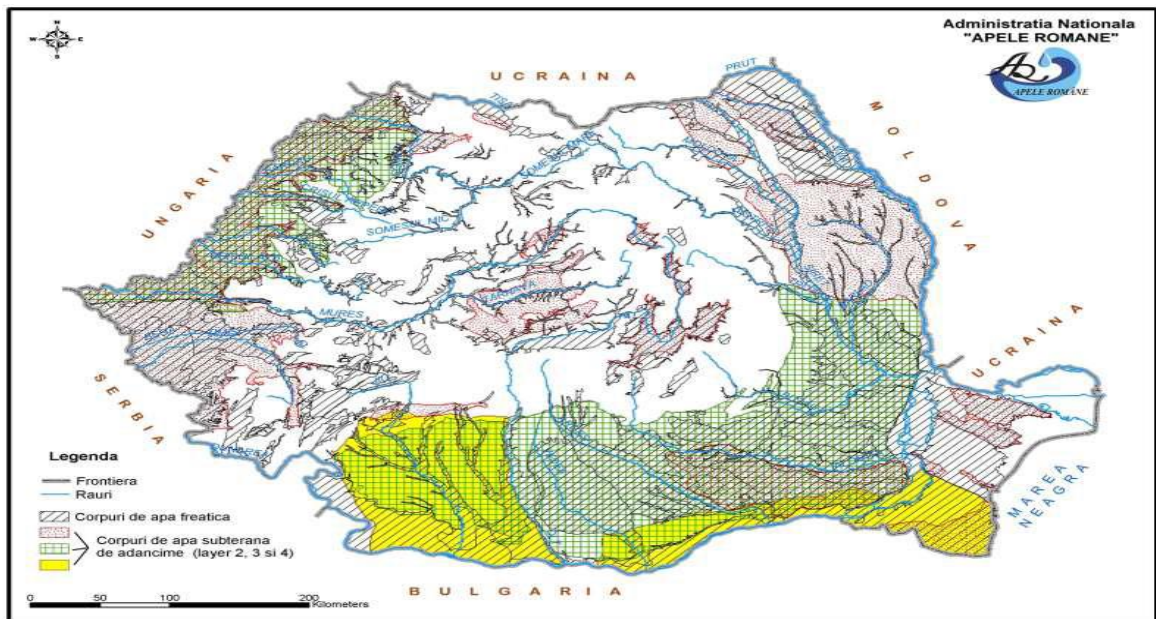
Main waterworks



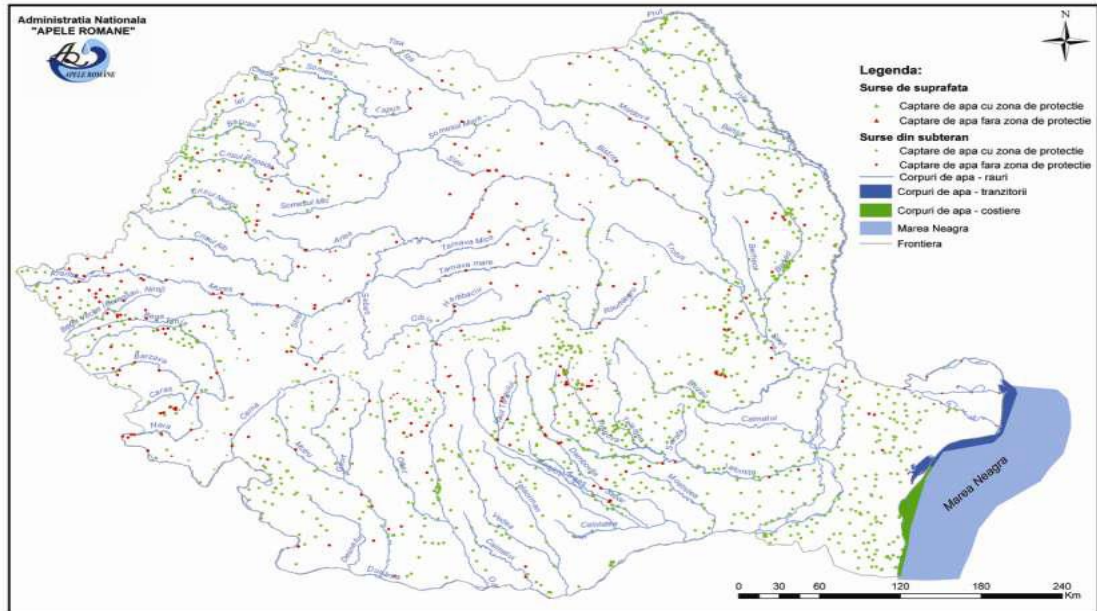
Main Water Abstractions and Restitutions



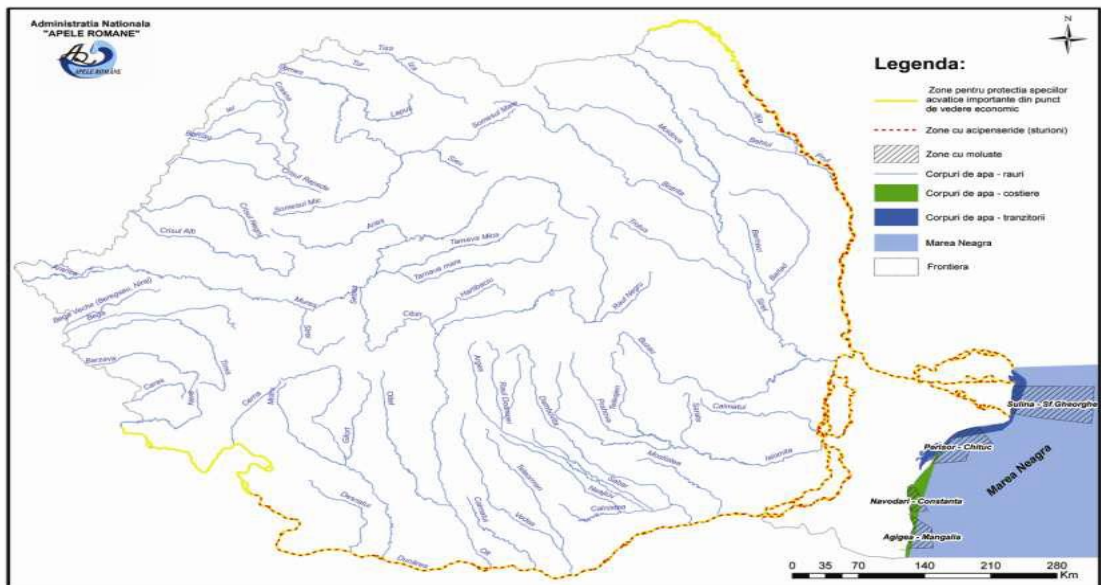
Groundwater Bodies



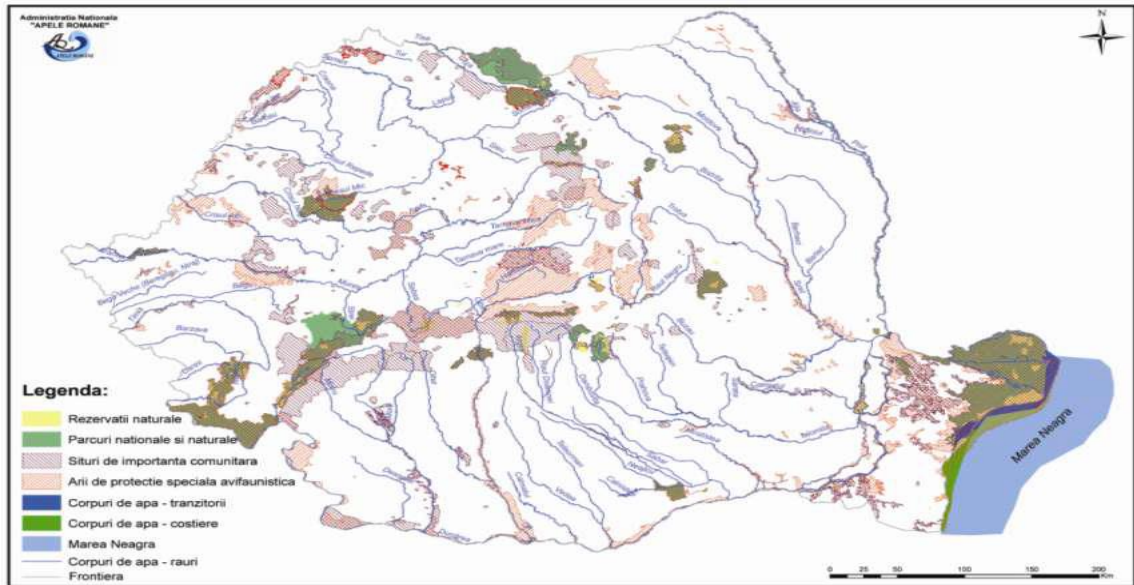
Drinking Water protection areas



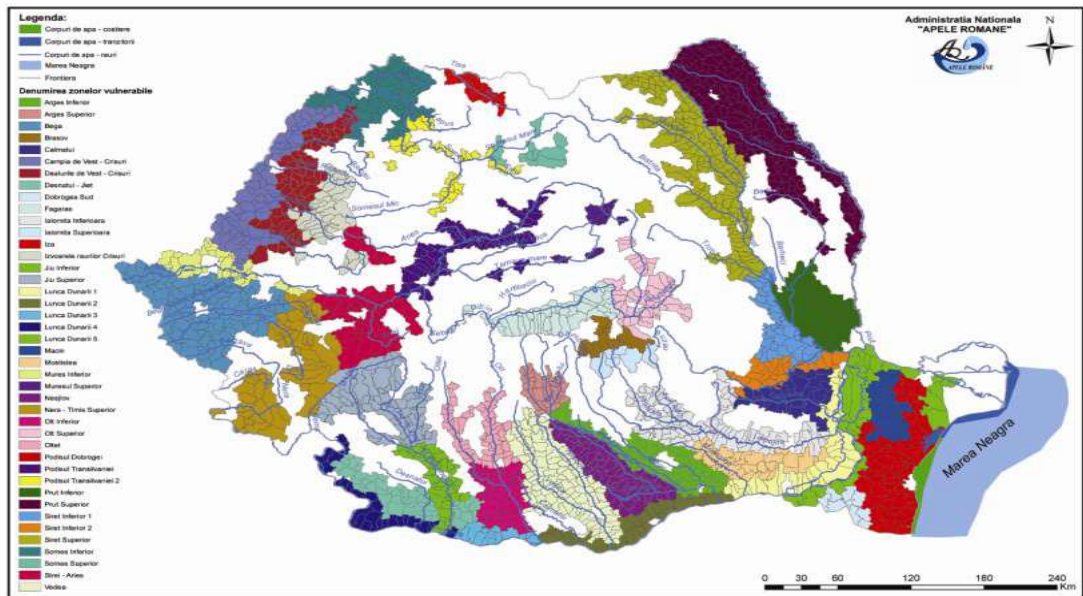
Areas important for protection of the economic important aquatic species

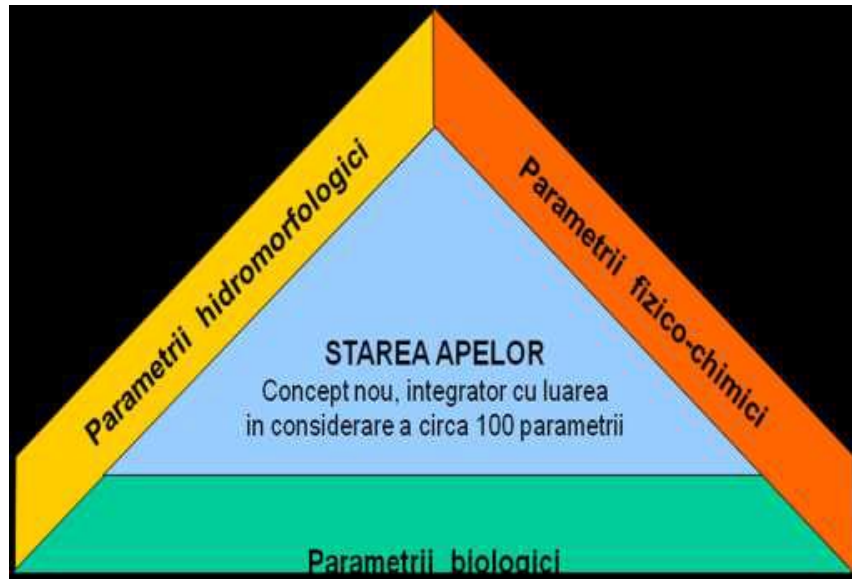


Areas for the protection of species and habitats

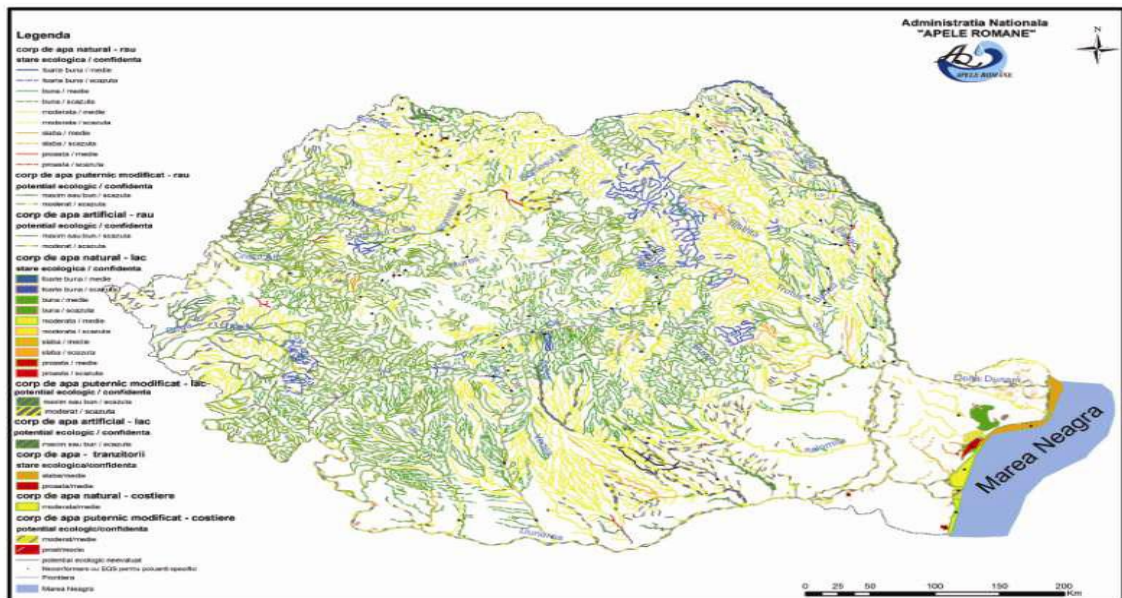


Nitrate Vulnerable Zones

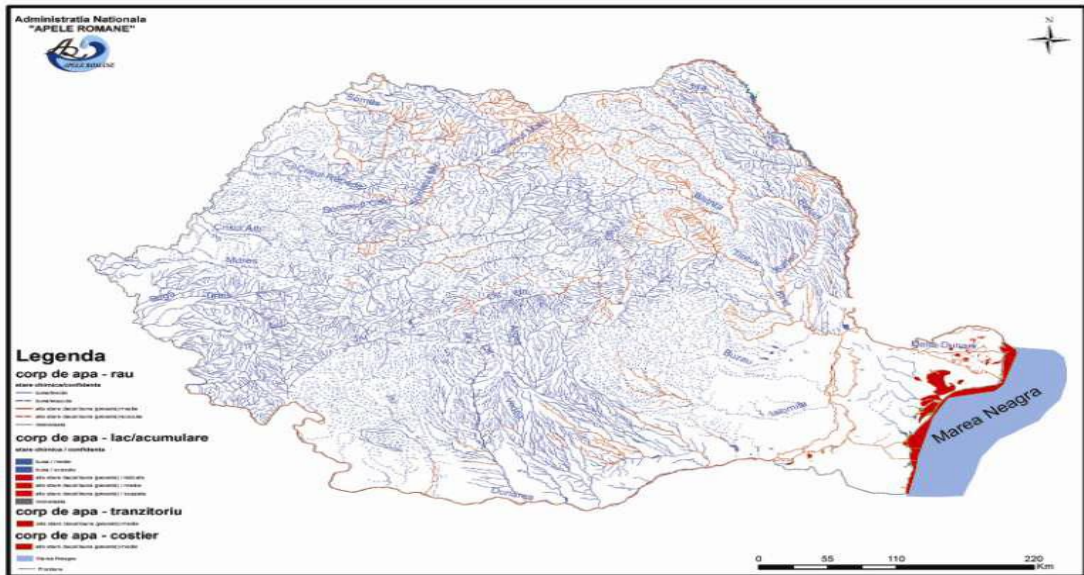




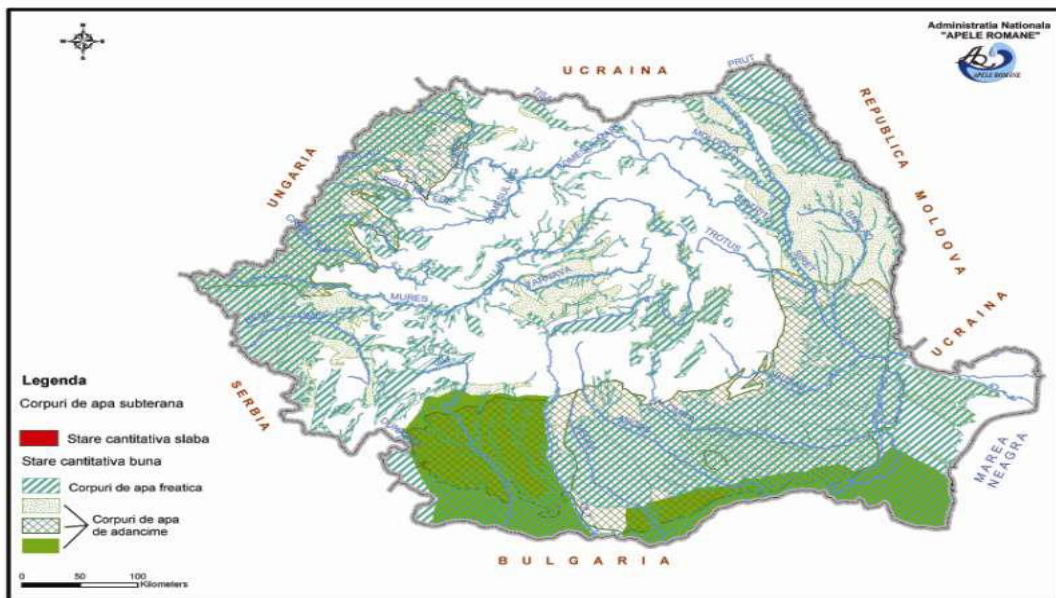
Ecological water status/Ecological potential of the surface waters



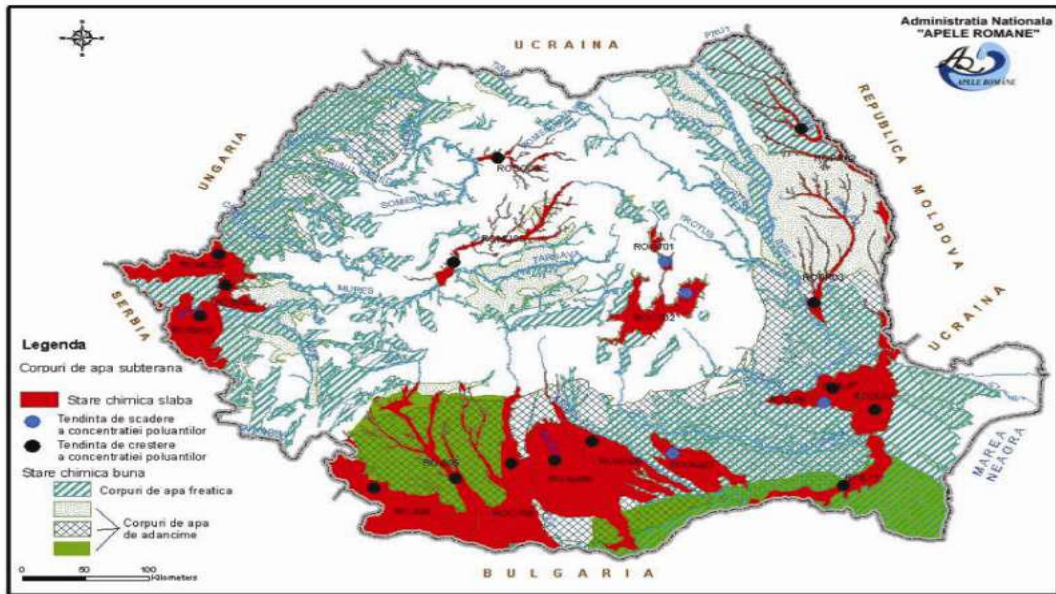
Chemical status of the surface water bodies



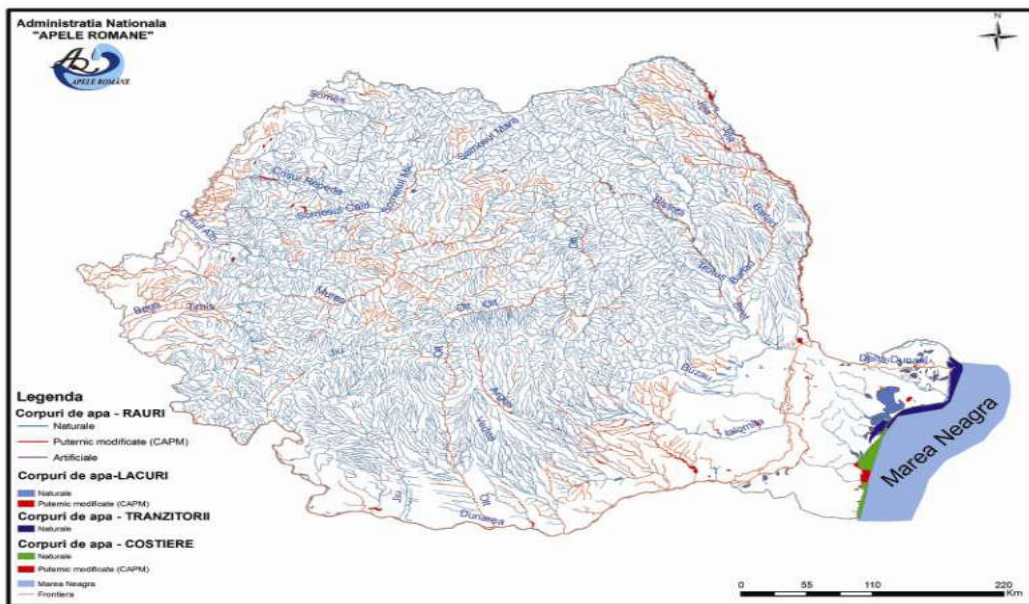
Quantitative status of the groundwater bodies



Qualitative status groundwater bodies



Clasificatiion of the surface water bodies



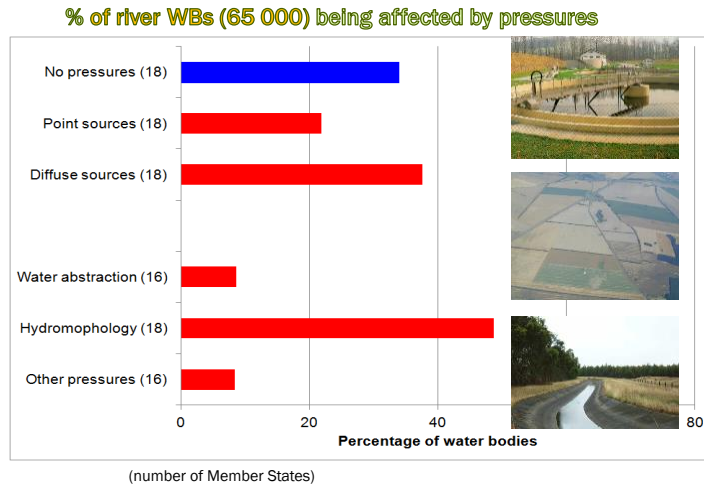
Status of the water bodies in Romania

- From 3399 water bodies :
 - 2008 water bodies are very good/good water status, maximum ecological potential/good ecological potential (59,08%)
 - 1391 water bodies not reaching good water status or good ecological potential

Environmental objectives

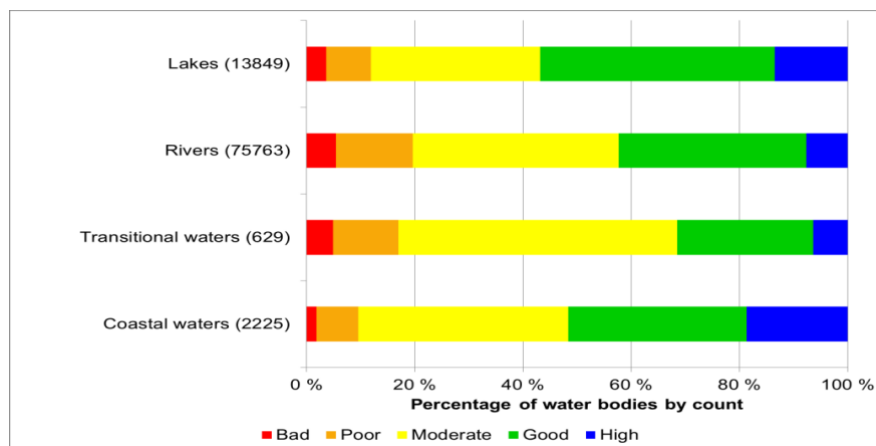
- Reaching the good water status and good chemical status and respectively of the good ecological potential and good chemical status (for modified or artificial water body) for surface water bodies
- Reaching good chemical status and good quantitative status for groundwater bodies
- Reaching the environmental objectives for protected areas according with the specific legislation
- Non-deterioration of the surface and groundwater status

EU Significant pressures



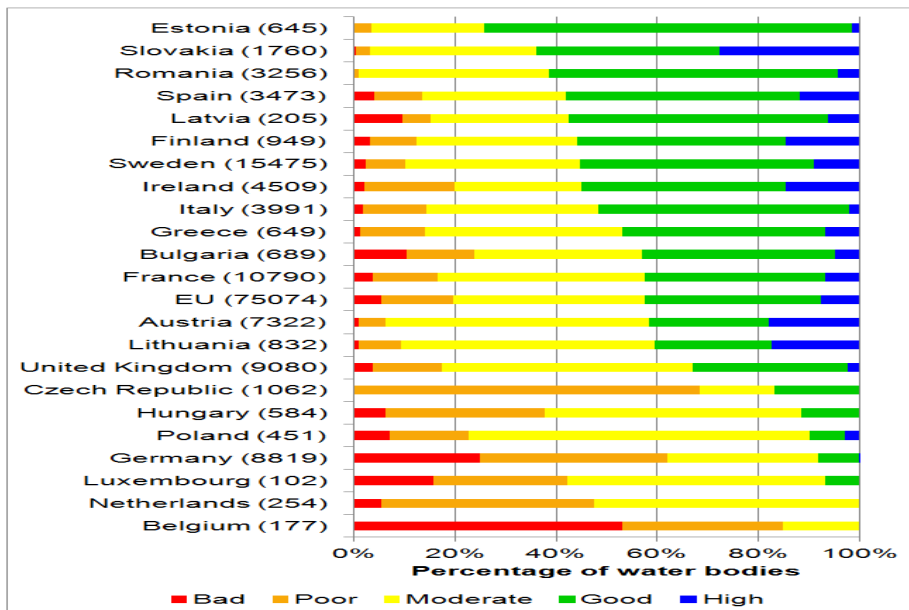
Preliminary results from analysis of 144 RBD reported by 24 EU Member States to the WISE-WFD database

Ecological status/potential in EU



Preliminary results from analysis of 144 RBD reported by 24 EU Member States to the WISE-WFD database

Ecological status of rivers in EU



Thank you!