

# **Water Framework Directive**

## **(WFD)**

**EU directive 2000/60/EC**

**Why?**

**Cleaner waters**



# What?

River basin based  
management  
Citizens more involved



# Community policy on environment

- Preserving, protecting and improving
- Prudent and rational utilisation of natural resources
- Precautionary principle and preventive actions
- Damage rectified at source
- PPP (Polluter Pay Principle)

# WFD outside the Community

The Member States concerned shall endeavour to establish appropriate coordination with the relevant non-Member States,

with the aim of achieving the objectives of this Directive throughout the river basin district. Article 3 (5)

Member States shall endeavour to produce a single river basin management plan..... Article 13(3)

# What?

- "good status" for all waters by a set deadline
- management based on river basins
- emission limit values and quality standards
- getting the prices right
- getting the citizen involved more closely
- streamlining legislation

# Where?

- Inland surface waters
- Transitional waters
- Coastal waters
- Groundwater



# How?



- Implementation in national legislation
- River basins and river basin districts
- Competent water authority
- Characteristics of the river basin district

to be continued..

# Characteristics of the river basin district

- an analysis of its characteristics,
- a review of the impact of human activity on the status of surface waters and on groundwater, and
- an economic analysis of water use

# How? (cont)

- Register of protected areas
- Waters used for the abstraction of drinking water
- Environmental quality standards
  - high, good, moderate, poor or bad status

Artificial or heavily modified waters

Good ecological potential

# Good status

- Good surface water status
  - Good ecological status
    - Quality of the biological community
    - Hydrological characteristics
    - Chemical characteristics
  - Good chemical status
- Good groundwater status
  - Good quantitative status
  - Good chemical status

# How? (cont)

- Monitoring of surface water status, groundwater status and protected areas
- Recovery of costs for water services
- Programme of measures
- River basin management plans

# Programme of measures

Among else

- Required measures to reach the objectives
- Abstraction and inpoundment
- Prior regulation or authorisation, point sources
- Measures to prevent or control the input of pollutants from diffuse sources
- Measures to eliminate pollution by priority substances

# River basin management plans

- general description
- significant pressures and impact of human activity
- protected areas
- monitoring networks
- environmental objectives
- economic analysis of water use
- programmes of measures
- register of any more detailed programmes
- public information and consultation measures taken
- competent authorities

# How? (cont)

- Reporting to the commission and all member states
- Public information and consultation

# Public information and consultation

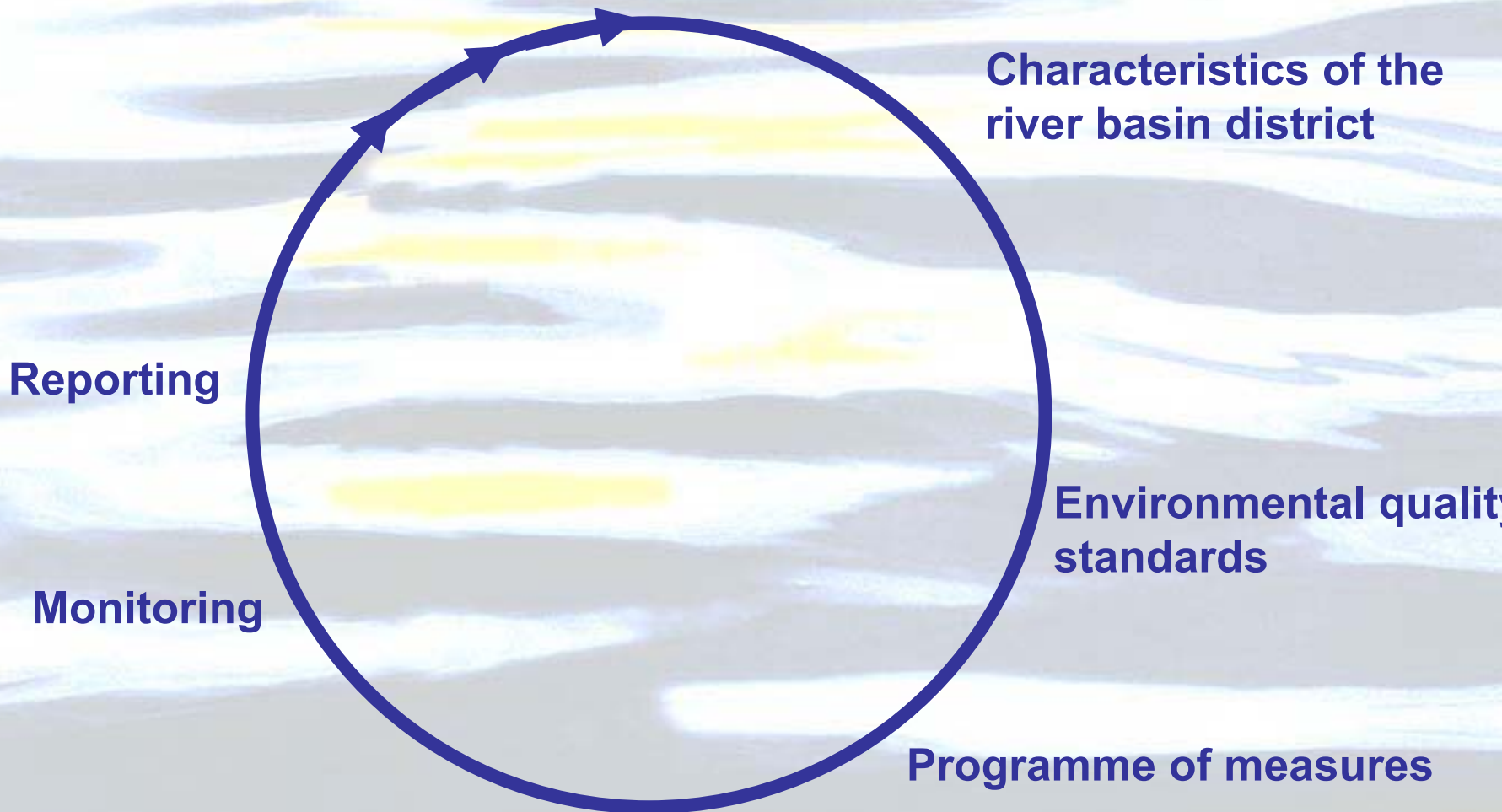
*In getting our waters clean, the role of citizens and citizens' groups will be crucial.*

”Member States shall encourage the active involvement of all interested parties in the implementation of this Directive, in particular in the production, review and updating of the river basin management plans.”

# When?

- 2003 Implementation in national law
- 2003 Water authorities
- 2004 Characteristics of the river basin districts (+9yr+6yr)
- 2006 Monitoring
- 2006 Environmental quality standards
- 2009 Programme of measures
- 2009 River management plans
- 2010 Pricing policies
- 2012 Make operational programmes of measures
- 2015 Meet objectives (+6 yr + 6 yr)
- 2021 First management cycle ends
- 2027 Second management cycle ends, final deadline

# Future water management



# Main actors

- Competente water authority
- Other authorities
- Decision makers
- Stakeholders
- Citizens and NGO:s

# Key factors

- Resources
- Legislation
- Co-operation
- Understanding
- Holistic approach

# I guess you have thought about that ...

There is only a specified amount of water on the earth, in a natural circulation.

The amount of water is the same today as several hundred million years ago.

The water your grand grand grand grand children will drink in the future may be the molecules that once was drunk by a dinosaur 300 million years ago.

**Thank you!**

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