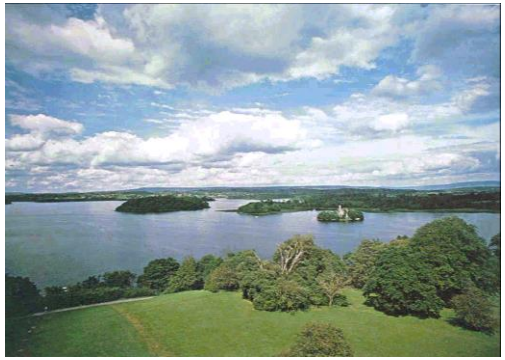


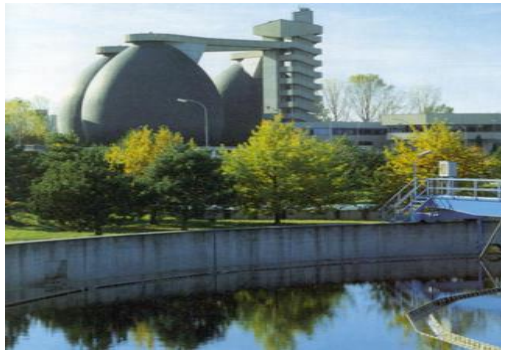
Water Industry Directives

Urban Waste Water Treatment Directive 91/271/EEC

Bathing Water Directive 2006/7/EC

Drinking Water Directive 98/83/EC







Urban Waste Water Directive 91/ 271/EEC

- **Collection and treatment** of waste water in **urban settlement areas,** incl. economic activities, (agglomerations) of > 2000 population equivalent

- **Transitional deadline** for implementation, including interim targets, currently applicable in 13 EU-MS



- 25-anniversary of the UWWT Directive in 2016 – without major changes ! Implementation first

Refit process started in 2017

- Evaluation and fitness check on 5 REFIT evaluation criteria
- Evaluation "Roadmap" just published for feedback by 9/11/2017

http://ec.europa.eu/info/law/better-regulation/initiatives/ares-2017-4989291

Challenges for the future

Need for adaptation ?

- Fit for purpose regarding climate change ?
- Reduction of pollution by sewer overflows ?
- P-recovery ? Water re-use ?
- Parameter list fit for purpose ?
- Energy efficient? Zero energy wwtp? Part of energy concept?
- Micro-pollutants? Pharmaceuticals? Priority substances?
- Data and information sharing, transparency?

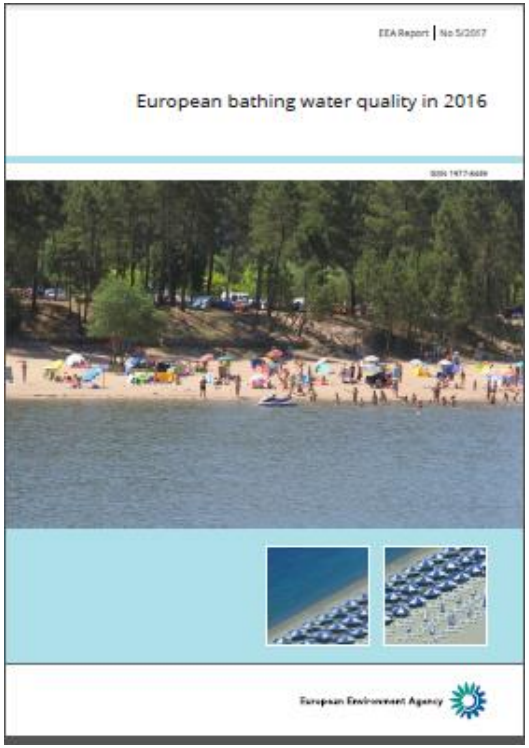
⇨projects on innovative technology and solutions

Bathing Water Directive 2006/7/EC

Yearly reporting obligations for Member States

- Identification of Bathing Areas
  - notify all waters identified as bathing waters
  - reason for any change compared to the preceding year
- Monitoring and Classification of Bathing Waters
  - results of the monitoring
  - bathing water quality assessment for each bathing water
  - description of significant management measures taken

Delivery process managed by EEA - EEA Homepage – interactive map viewer



http://www.eea.europa.eu/themes/water/interactive/bathing/state-of-bathing-waters

2 Projects

1. *Specific Contract on Member States' Compliance with BWD*
   'reality check' of the implementation
2. *Grant Agreement with the WHO to review scientific, analytical and epidemiological developments relevant to the* ***parameters*** *for bathing water quality*

Stakeholders' Meeting on 24th November 2017

Parameter (cfu/100ml)	Excellent quality	Good quality	Sufficient
Inland waters			
Intestinal enterococci	200 (*)	400 (*)	330 (**)
Escherichia coli	500 (*)	1000 (*)	900 (**)
Coastal and transitional waters			
Intestinal enterococci	100 (*)	200 (*)	185 (**)
Escherichia coli	250 (*)	500 (*)	500 (**)

(*) based upon a 95-percentile evaluation

(**) based upon a 90-percentile evaluation

Drinking Water Directive -

Council Directive 98/83/EC of 3 November 1998 on the quality of water intended for human consumption

Main objective = protection of human health

Aims to provide consumers with wholesome and clean drinking water at the tap



There are currently 96,388 water supplies

- 11,233 large, serving 317 million people
- 85,405 small, serving 65 million people

Revision



REFIT Evaluation of the Directive 98/83/EC

- Commission Staff Working Document summarising the Evaluation published SWD(2016)428 final http://ec.europa.eu/environment/water/water-drink/review_en.html

Revision included in the Commission Work Programme 2017

Preparation for revision on-going:

- Impact Assessment Study and Study on Materials/Products in contact with Drinking Water published in March 2017 https://circabc.europa.eu/w/browse/94aa2cb9-0daf-450f-a601-e6c76fbc8c17

Commission Proposal scheduled for end 2017

- **Accompanied by an Impact Assessment Report**
- **Supported by WHO-EC Cooperation Project Report Reviewing the Drinking Water Parameters**

Way forward

- Urban Waste Water: High compliance rates in EU-15 Member States, but significant gaps in most of EU-13 Member States, especially on treatment, high forecasted investments
  - Evaluation, Project with OECD
- Drinking and Bathing Water: Review Parameter, Approaches, Health Effects:
  - Cooperation with WHO
- Improvement of delivery-processing of reported data
  - Cooperation with EEA
- Innovation is essential, contribution to economic growth and job creation
  - Cooperation with LIFE, RTD/Horizon 2020

Thank you for your attention!

Further information

EU Commission water homepage:

http://ec.europa.eu/environment/water/