



***WATER FRAMEWORK DIRECTIVE: THE
IMPLEMENTATION IN GREECE***

THERE IS FLOOR TO GO ON...

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Water framework Directive (2000/60/EC) aim at:

- Protection of **all waters**: surface and underground
- **Good water status** (environmental objective) until **December 2015** and effective river basin management plans (RBMP) which are **updated every six years**.



Achieving good status may be delayed until 2021 or 2027 in certain systems; -For the artificial or heavily modified water bodies is required to achieve good "ecological potential" through "good chemical status"

WFD and CIS*

- The implementation of the (WFD) relies on Member States through CIS, taking a range of **cost-effective measures in a transparent and participatory way.**
- Member States must summarize these measures in their 'programme of measures' (PoMs) in the river basin management plans (RBMPs), which must be updated every six years.
- **CIS: Common Implementation Strategy**

Deadlines of the overall timetable for WFD ambitious requirements

- | Year | Issue | Reference |
|------|--|----------------|
| 2000 | Directive entered into force | Art. 25 |
| 2003 | Transposition in national legislation Identification of River Basin Districts and Authorities | Art. 23 Art. 3 |
| 2004 | Characterisation of river basin: pressures, impacts and economic analysis | Art. 5 |
| 2006 | Establishment of monitoring network Start public consultation (at the latest) | Art. 8 Art. 14 |
| 2008 | Present draft river basin management plan | Art. 13 |
| 2009 | Finalise river basin management plan including programme of measures | Art. 13 & 11 |
| 2010 | Introduce pricing policies | Art. 9 |
| 2012 | Make operational programmes of measures | Art. 11 |
| 2015 | Meet environmental objectives
First management cycle ends
Second river basin management plan & first flood risk management plan. | Art. 4 |
| 2021 | Second management cycle ends | Art. 4 & 13 |
| 2027 | Third management cycle ends.
Final deadline for meeting objectives | Art. 4 & 13 |

Deadlines of the overall timetable for WFD in Greece.

2003 Directive entered into force N. 3199/2003 (ΦΕΚ 280/A/9-12-2003)

2007 Completion of the law Π3 51/2007 (ΦΕΚ 54/A/8-3-2007)

2008 Set up the first Intercalibration of European indices

2009 «Environmental liability for preventing environmental damage »
(Π.Δ. 148/2009-Harmonization with the Directive 2004/35/EK)

2010 EU does not accept the Greek management plans. 19/4/2012 trial, which is reflected in the EU's conviction .

2011 National monitoring network (KYA 2017/2011) with 2000 sites in 1500 water bodies.

2013 Completion of the second intercalibration of European indices . NOT FINALIZED

2014 Submission of the RBMPs

2015 National Committee for classification methods of ecological status all surface water categories and the intercalibration

Working Document by EC (9/3/2015): Recommendations to Greece

- **Group1: Operational** (i.e regular basis of data, development of all methods, development of National Guidance Document for the implementation....)
- **Group2: Technical-Scientific** (i.e update, identify the main pressures, harmonized methodology, particularly address the hydromorphological pressures, better infos on water abstraction, clear links between status and measures...)
- **Group 3: Legislative** (i.e carefull on the exemptions of Article 4.7, lack of clarity in the PoMs, develop full economic analysis, transparency on public participation, support the authority- EGY- by researchers & consultants)

Step up our efforts

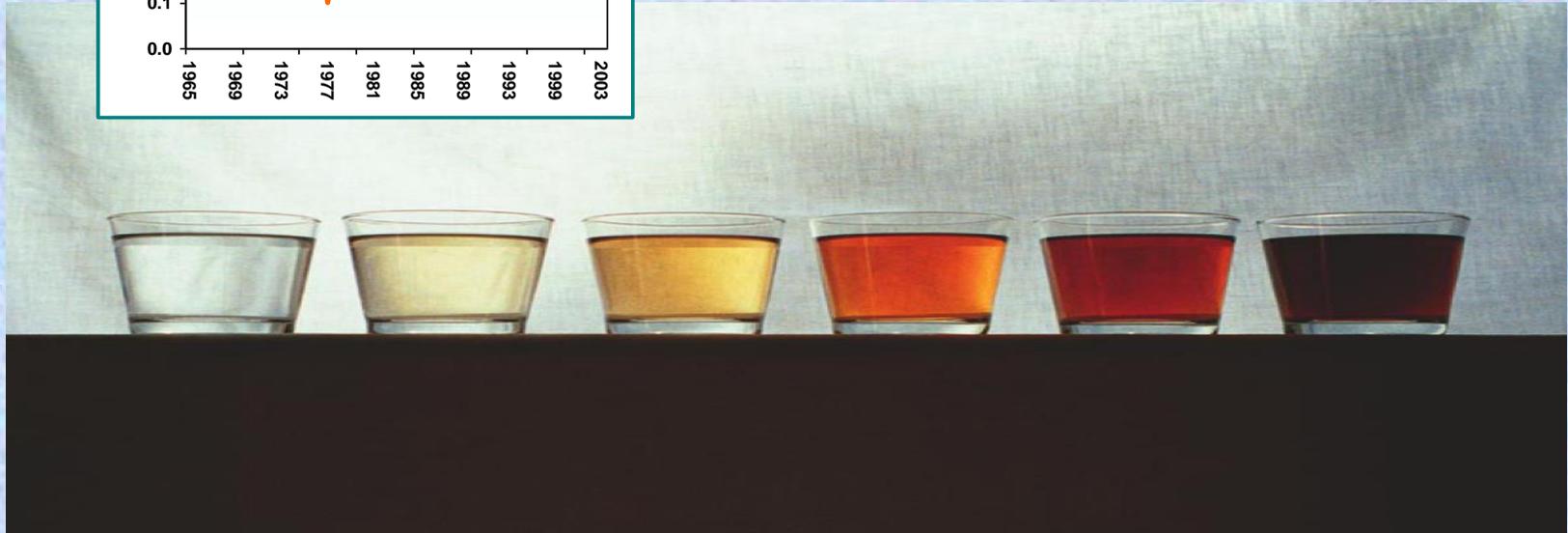
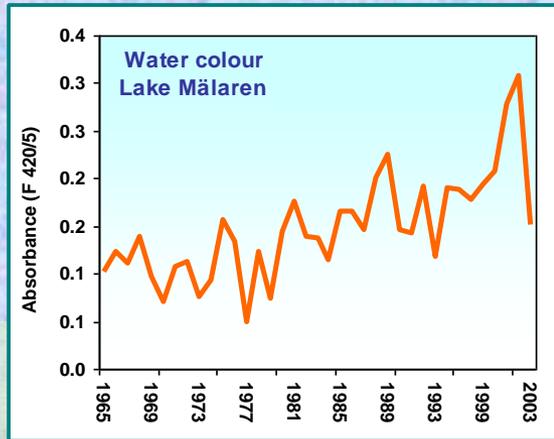
(through the Special Secretariat for Water)

for the full implementation of the WFD

open issues

- National typology in rivers
- Extension and or change monitoring network sites with emphasis on identifying reference conditions
- Creation of national intercalibrated indicators for inland waters
- Ecological Quality assesement in places that we have stated lack of data
- Analysis of pressures, with qualitative and quantitative data for surface and groundwater water bodies
- Methodological protocols for future management plans
- Strengthening public consultation

What is the risk of failing to achieve good ecological status due to climate change?



Changes in lake water colour vs temperature due to altered metabolism (CLIME project, 2010)

Impact of climatic variability on parameters used in typology and ecological quality assessment of surface waters—implications on the Water Framework Directive

Peeter Nõges · Wouter Van de Bund ·
Ana Cristina Cardoso · Anna-Stiina Heiskanen

Ignoring climate change by the Water Framework Directive may have strong implications for the typology and quality assessment systems used for water bodies.

tions for the typology and quality assessment systems used for water bodies. As a result of

Directive · Typology of water bodies · Ecological water quality · Reference conditions

Key message

- Adaptive strategies to Mitigate the Impacts of Climate Change
- Choose PoMs that remain effective within a range of future climate conditions.

Thank you for your attention