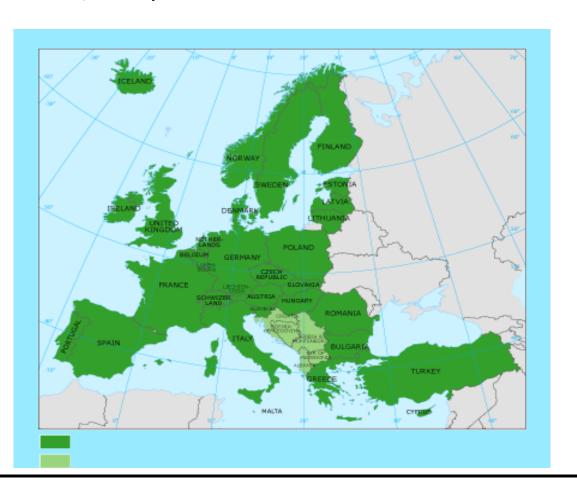
"Water resources across Europe - confronting water scarcity and drought"

Prof. Jacqueline McGlade
Executive Director
European Environment Agency

## The European Environment Agency

The European Environment Agency (EEA) is the EU body dedicated to providing sound, independent information on the environment.



Water resources across Europe — confronting water scarcity and drought

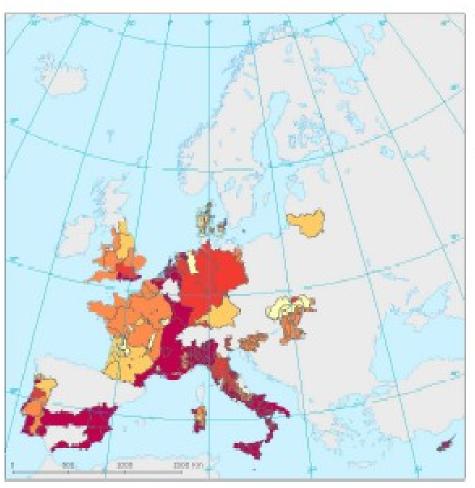


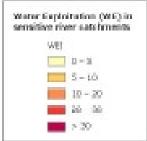






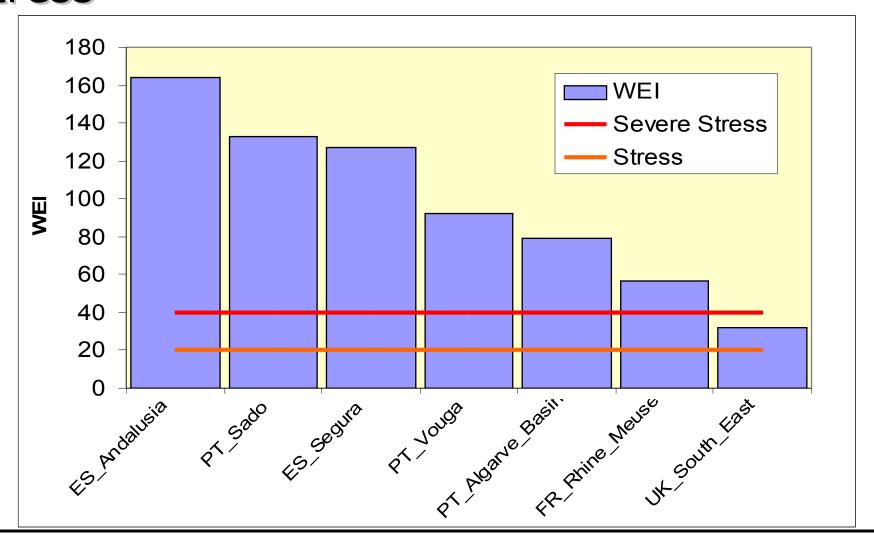
## Regional Water Exploitation Index





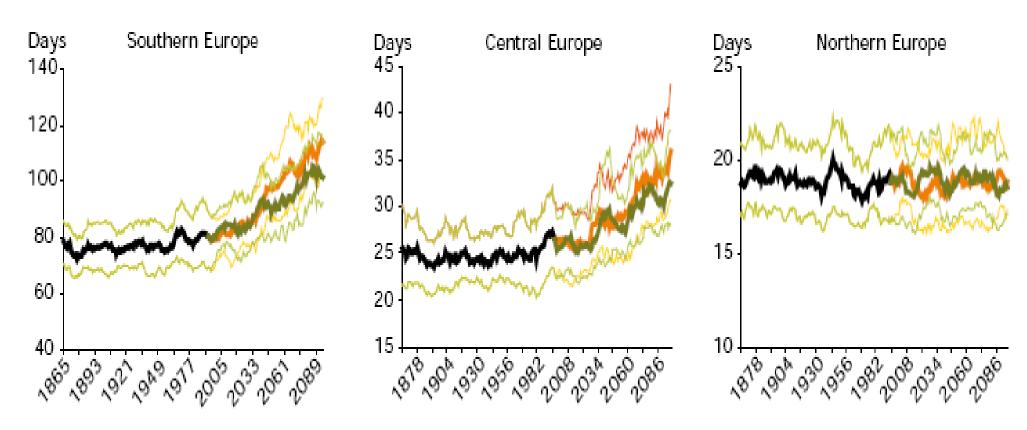
WEI for the most exploited river basins
Data provided by Member States

# River basin scale WEI's indicate extreme stress



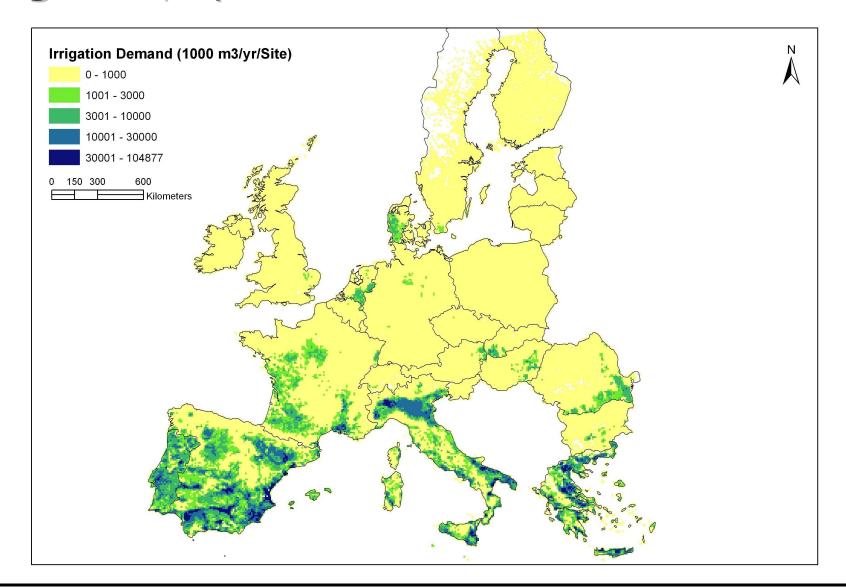
## Climate Change will exacerbate the problem

- Drier summers across most of Europe
- Increase in the frequency and severity of drought



Maximum No. of consecutive dry days; Sillmann and Roeckner, 2008

#### Irrigation; up to 80% of total water abstraction



Source; JRC 2008



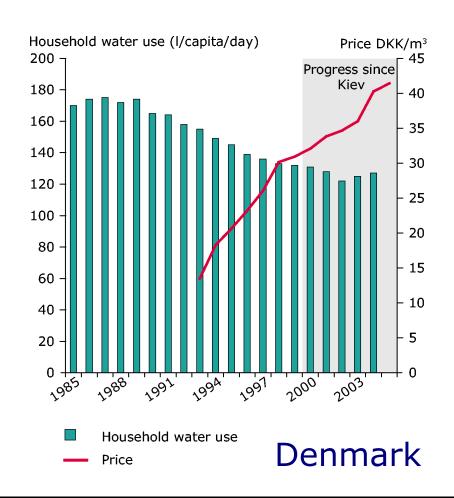
## Supply-led management is unsustainable

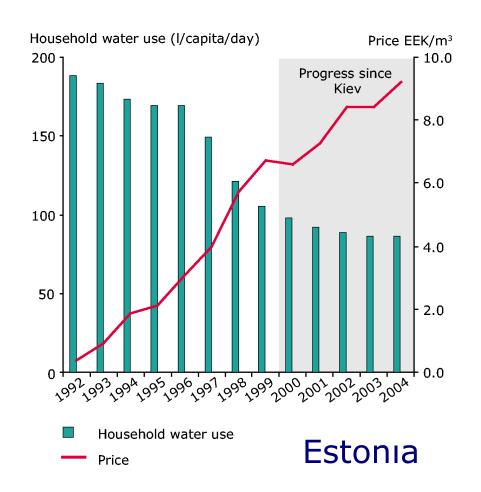




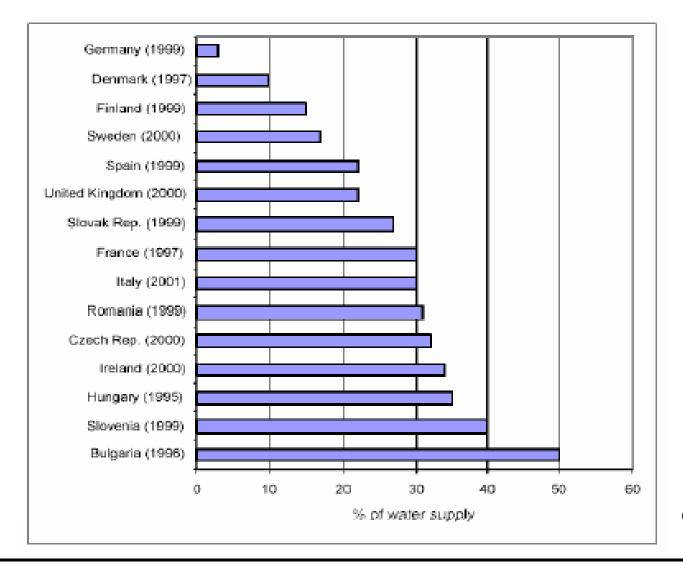
### Water Pricing reduces water use

Multi-sectoral, volume based, supported by metering





## Improving Efficiency – Public Water Supply



- Significant leakage in public water networks
- Water efficient appliances

Estimated % leakage in public water supply





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