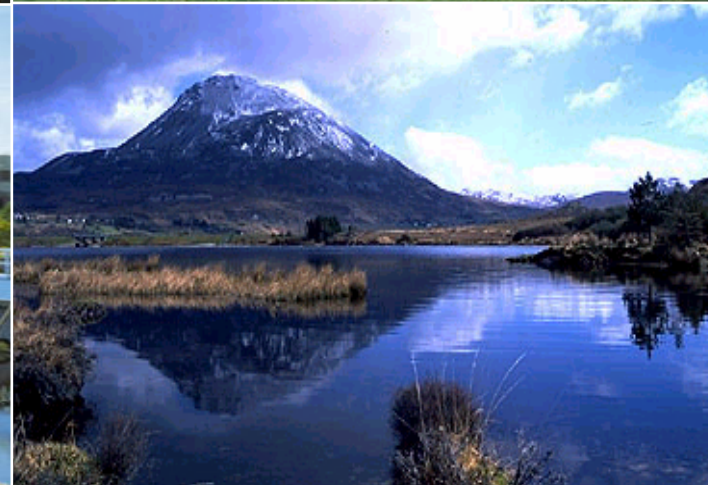
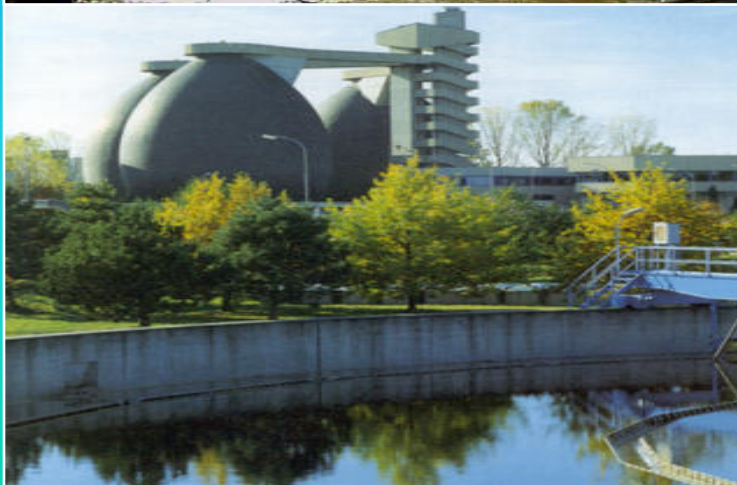




Latest developments in European Water Management Legislation

H. Blöch, European Commission



EU policy instruments for protecting our water resources



EU Environmental Legislation

Daughter Directives on
Groundwater and Priority
Substances; Floods
Directive; inter-
calibration

Financial incentives (+/-)

All funding regulations
(Regional Development
and Cohesion Funds, Rural
Development Funds)
adopted and published

EU Research Programmes

7th Research Framework
Programme (FP7)
currently in 2nd reading

Water Framework Directive

State of implementation November 2006



Country	Notification (Art. 24)	Intercalibration sites	River Basin Districts Report (Art 3 report)	River Basin Districts Analysis (Art 5 report)
Austria	😊	😊	😊😊	😊
Belgium	😐*	😊	😊😊	😊
Cyprus	😊	😊	😊😊	😊
Czech Republic	😊	😊	😊😊	😊
Denmark	😊	😊	😊😊	😊
Estonia	😊	😊	😊😊	😊
Finland	😊	😊	😊😊	😊
France	😊	😊	😊😊	😊
Germany	😊	😊	😊😊	😊
Greece	😊	😊	😊	😐
Hungary	😊	😊	😊😊	😊
Ireland	😊	😊	😊😊	😊😊
Italy	😐	😊	😊😊	😊😊
Latvia	😊	😊	😊😊	😊😊
Lithuania	😊	😊	😊😊	😊😊
Luxembourg	😞	😊	😊😊	😊😊
Malta	😊	😊	😊😊	😊😊
Netherlands	😊	😊	😊😊	😊😊
Poland	😊	😊	😊😊	😊😊
Portugal	😊	😊	😊😊	😊😊
Slovakia	😊	😊	😊😊	😊😊
Slovenia	😊	😊	😊😊	😊😊
Spain	😊	😊	😊😊	😊😊
Sweden	😊	😊	😊😊	😊😊
United Kingdom	😊	😊	😊😊	😊😊

First analysis of article 5 reports

The analysis is demonstrating your achievements
as well as non-achievements ...



First analysis shows that a high number of water bodies are at risk:

- 1. Hydromorphological alterations (inter alia from navigation, pressures of land use in urban and rural areas, hydropower, flood defences) are a common concern across Europe.**
- 2. In several parts of Europe non-delivery on tasks already due (waste water treatment, nitrates pollution from agriculture) plays a considerable role in shaping our waters 'at risk'. It is unjustified to attribute costs to the WFD, if in fact they are related to old obligations not complied with ...**
- 3. Over-abstraction is a problem in some regions.**

Full Commission report to be published March 2007.

Transparency: all WFD environmental assessments available on the Internet



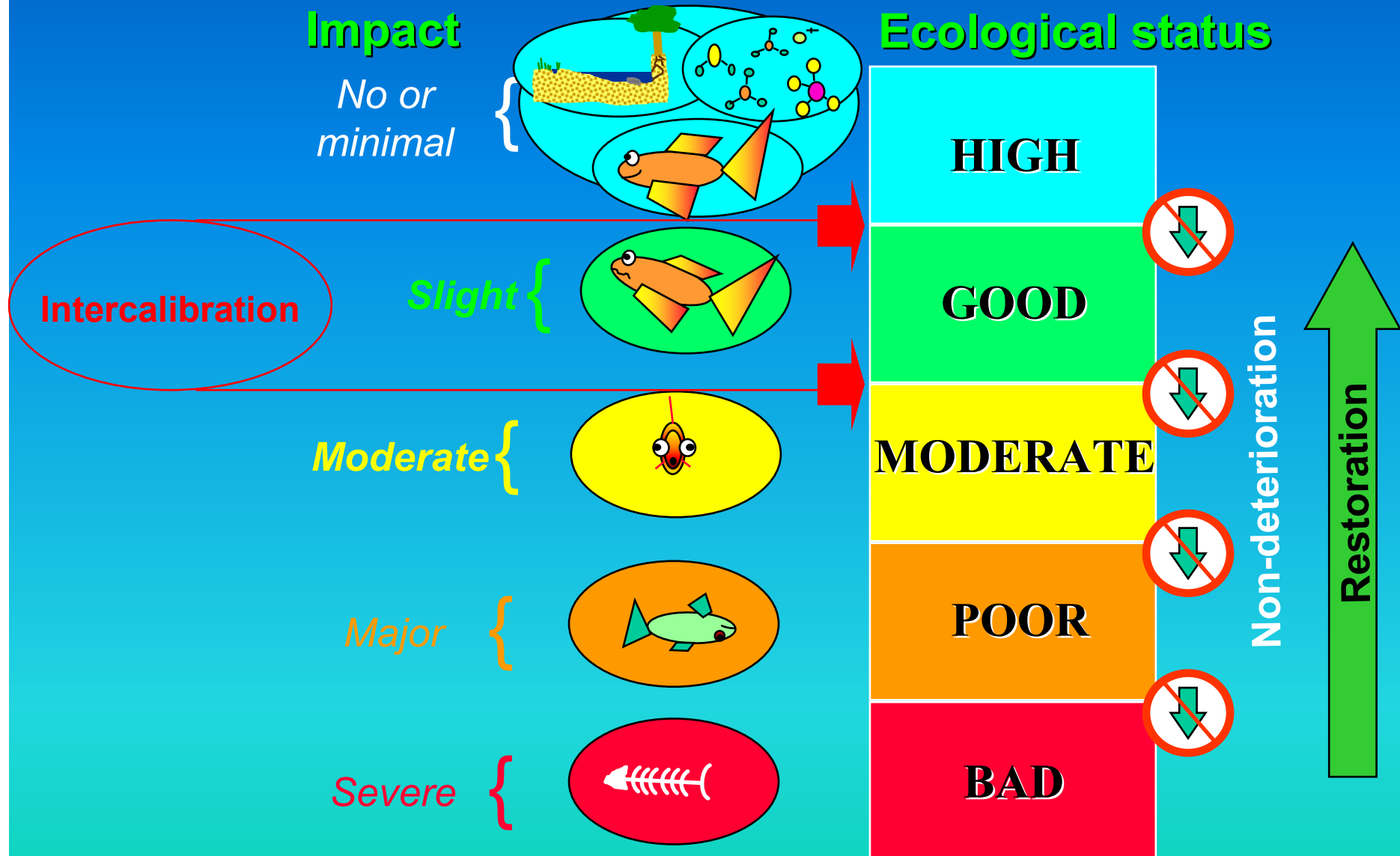
The left screenshot shows a search results page for 'Library > Racine/B - Public library/e - Nat'. The page includes an 'Abstract:' section with a search filter 'List items containing' and a list of categories: 'Previous Section', 'International Conventions', 'Member States', and 'Other Countries'. Below the list is a 'Subscription And Contact Information' section with a 'Find in this group' search box.

The right screenshot shows a directory listing of member states. The table below is a representation of the data shown in the screenshot.

Member State	Count
Previous Section	
Austria	2
Belgium	2
Cyprus	2
Czech Republic	2
Denmark	2
Estonia	2
Finland	2
France	2
Germany	2
Greece	0
Hungary	2
Ireland	2
Italy	0
Latvia	2
Lithuania	2
Luxembourg	2
Malta	2
Netherlands	2
Poland	2
Portugal	2
Slovak Republic	2
Slovenia	2
Spain	0

<http://forum.europa.eu.int/Public/irc/env/wfd/home>
Contact address env-water@cec.eu.int

Intercalibration of biological monitoring results



Environmental objective "groundwater"

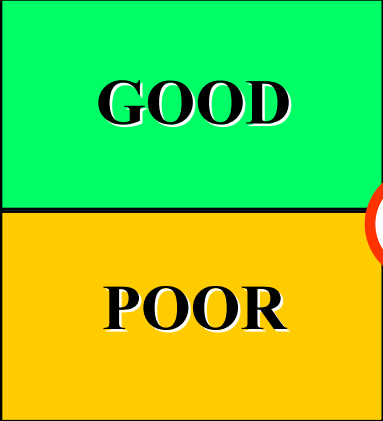
Impact

Groundwater status

slight

major

Groundwater Directive 2006



Non-deterioration



Daughter Directive Groundwater

Main elements of political dispute
between European Parliament and Council



- **Scope of application – with or without agricultural impacts ?**
- **Ensuring precautionary principle “no topping-up of pollution to defined maximum values”**
- **Revision clause for parameters and values**

Daughter Directive Groundwater

Agreement in conciliation 17 October 2006

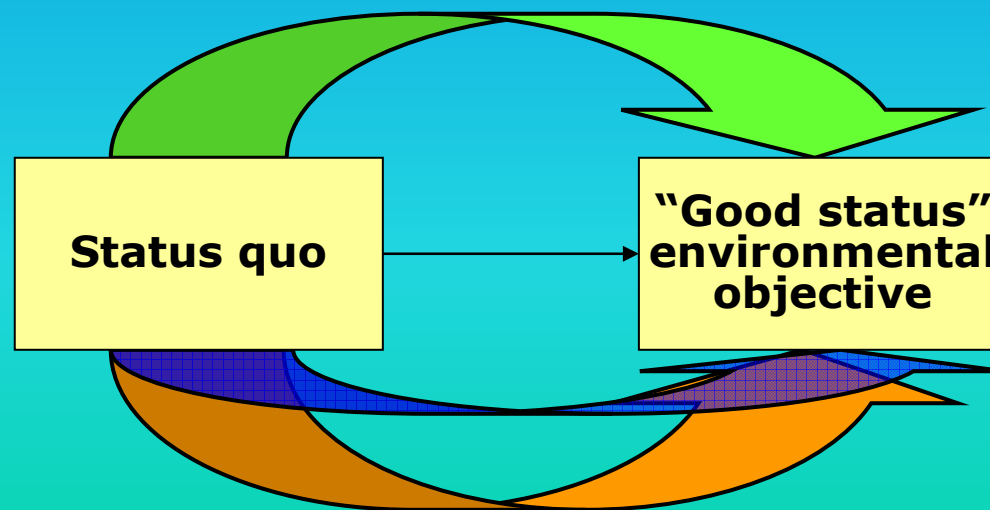


- **At EU level, groundwater quality standards set for the following parameters:**
 - **nitrates; pesticides and biocides;**
 - **applicable to *all* sectors of human activity;**
 - **mandatory review of list of substances and their values;**
- **Criteria for reversing upward pollution trends (as a rule not later than at 75% of quality standard / threshold value;**
- **At national / river basin level, threshold values set by Member States, at least for a list of further 10 substances/parameters/indicators:**

Daughter Directive Groundwater



- **Legally binding and enforceable on environmental objectives**
- **Flexible on paths/tools to achieve these objectives, thus allowing and encouraging innovation**



Daughter Directive Priority Substances "Combined approach"



- set out in article 19 Water Framework Directive
- pollution control measures as part of EU legislation (emissions control, production and use restrictions; and treatment and disposal) inter alia on emerging chemical substances, print products, industrial and other waste water emissions. The proposed REACH legislation
- water quality standards detailing "good chemical status" to be set for *substances / parameters of EU-wide relevance by EU legislation (WFD Daughter Directives)*
- for other *substances / parameters of local / river basin level relevance* (within the *river basin management plan*) - under criteria set out in the WFD and taking into account local and regional characteristics

**pollution
control**

**environmental
quality
standards**

Daughter Directive Priority Substances

EU-wide quality standards and river basin values complementing each other



- EU-wide environmental quality standards (EQS) to be set for substances / parameters of EU relevance as defined in 2001 'List of Priority Substances' (33 parameters); article 16 and annex X WFD;
- Further parameters and values detailing 'good status' to be set at national / river basin level.

Daughter Directive Priority Substances

Commission Proposal July 2006



Package of July 2006 on integrated prevention and control of chemical pollution of surface waters in the EU

- Proposal for a directive on environmental quality standards of 17 July 2006, COM(2006)397;
- Comprehensive impact assessment - looking at three options (1) no regulation; (2) EQS only; (3) EQS and detailed emission control measures;
- Commission Communication accompanying the above.

All documents available on the Internet server of the European Commission.

Daughter Directive Priority Substances

List of substances



EQS for surface waters proposed for 33 substances, including inter alia certain metals and their compounds, plant protection products, detergents and chemical intermediates:

Alachlor

Benzene

C₁₀-C₁₃ chloroalkanes

1,2-Dichloroethane

Diuron

Hexachlorobenzene

Isoproturon

Naphtalene

Octylphenols

Polyarom. hydrocarbons

Trichlorobenzenes

Anthracene

Brominated diphenylether

Chlorfenvinphos

Dichloromethane

Endosulfan

Hexachlorobutadiene

Lead & compounds

Nickel & compounds

Pentachlorobenzene

Simazine

Trichloromethane

Atrazine

Cadmium & compounds

Chlorpyrifos

DEHP (phtalate)

Fluoranthene

Hexachlorocyclohexane

Mercury & compounds

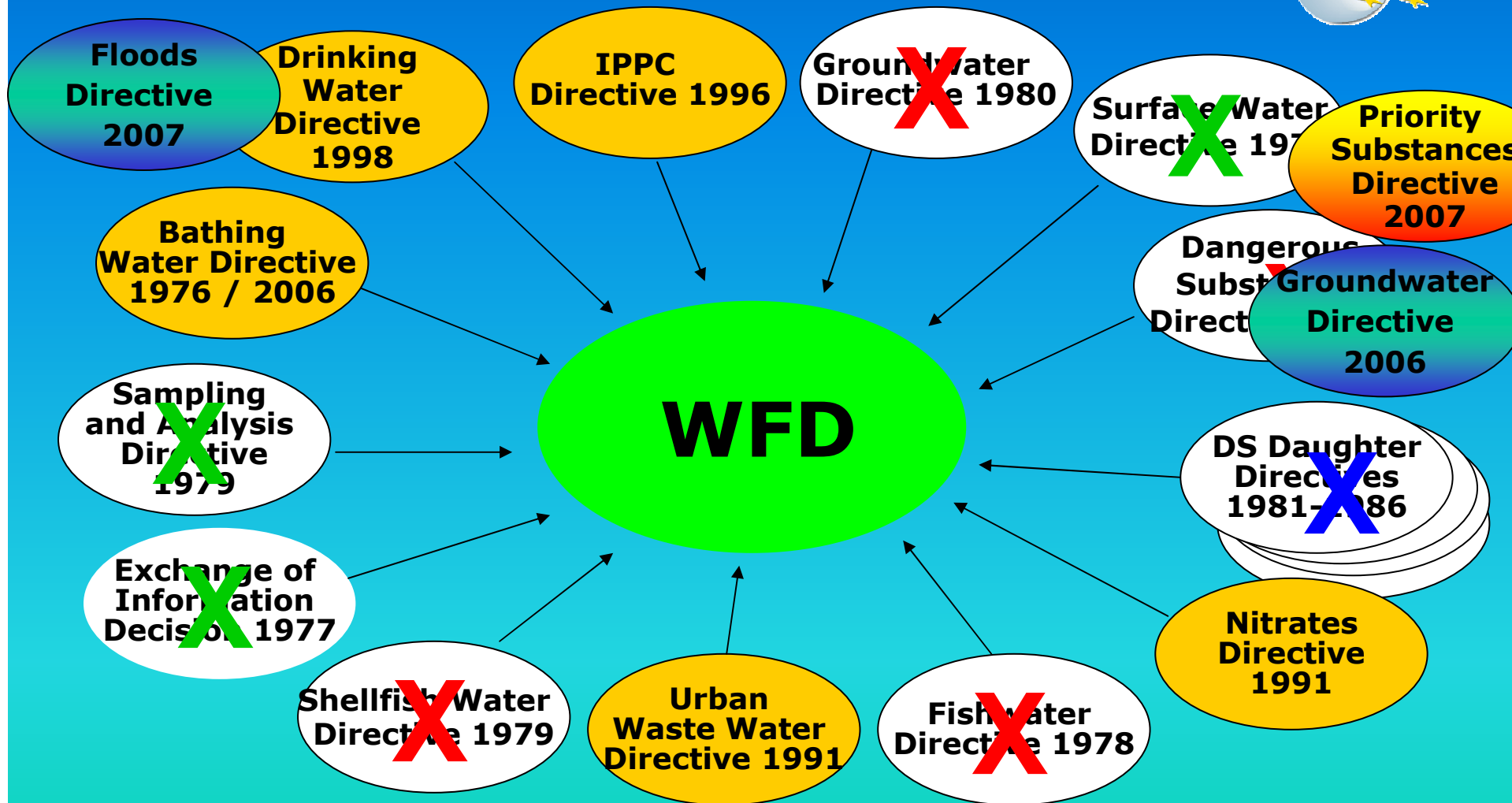
Nonylphenols

Pentachlorophenol

Tributyltin compounds

Trifluralin

WFD – one coherent management frame; streamlining water legislation



X repealed by 2007; X repealed by 2013; X repealed together with adoption of WFD
Daughter Directive on Priority Substances

Floods Directive

Impact Assessment: costs of measures vs damage potential



Rhine river: costs 12.3 bl EUR over 20 years, equal to about 7% of the potential damage;

Odra/Oder river basin: 3.6 bl EUR over 25 years, equal to the direct damages occurred during one single disaster;

Loire river basin: costs 583 EUR, equal to about 10% of the potential damage;

Vidourle basin: costs 29 ml EUR over 4 years, equal to 4% of the damage occurred in one single year 2002.

Floods Directive

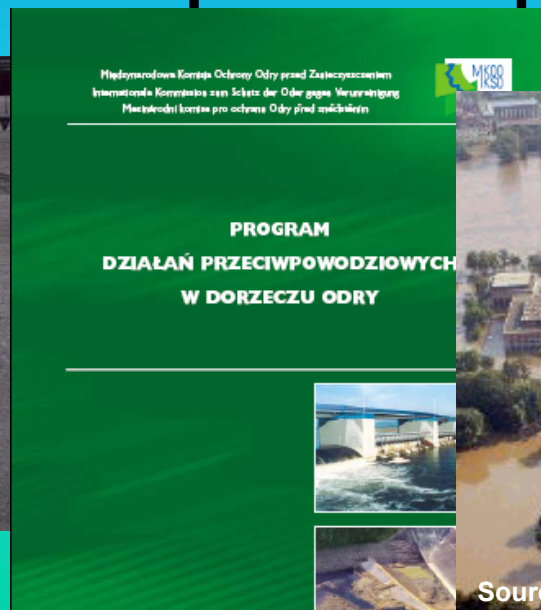
Key underlying principles



- Addressing diversity of flood events across Europe, e.g. river-prone floods vs flash floods
- Flexibility for planning and action at local / regional / sub-basin level whilst ensuring cooperation/coordination across the basin
- Building on experience, planning and programmes already in place; using existing cooperation structures such as river basin agreements and civil protection plans



Vale de Santarém, source: Hélder Bernardo



Source: <http://www.superdresden.de>

Floods Directive

Link to the Water Framework Directive



- **Clear link to water quality management under the Water Framework Directive, given that river basins and stakeholders are identical;**
- **Links to be ensured in terms of legislation (synchronisation of review of plans under the Floods Directive and under the Water Framework Directive from 2015 on) and in terms of implementation (EU Water Directors to guide and steer both processes)**

Proposal for a EUROPEAN PARLIAMENT AND COUNCIL DIRECTIVE on the assessment and management of flood risks

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION
Having regard to the Treaty establishing the European Community, and in particular Article 175 thereof,

EUROPEAN PARLIAMENT AND COUNCIL DIRECTIVE 2000/60/EC establishing a framework for Community action in the field of water policy

THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION
Having regard to the Treaty establishing the European Community, and in particular Article 175 thereof,

Floods Directive

Political process and time schedule



- **Commission Proposal: 18 January 2006**
- **European Parliament: 1st reading 13 June 2006**
- **Council: Political Agreement on Council Common Position: 27 June 2006**
- **Council Common Position: November 2006**
- **European Parliament 2nd reading: to commence at the end of 2006**
- **Final adoption and publication expected until mid-2007**

Thank you for your attention.

