



VIDÉKFEJLESZTÉSI
MINISZTERIUM

CONTEXT OF EU WATER POLICIES AND THE EUSDR

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11. September 2013. Budapest

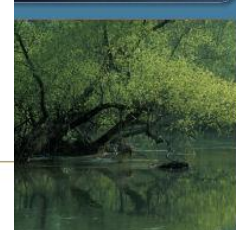
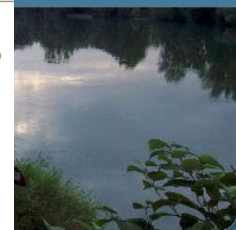
A Duna vízgyűjtő területe

HUNGARY IN THE DANUBE BASIN

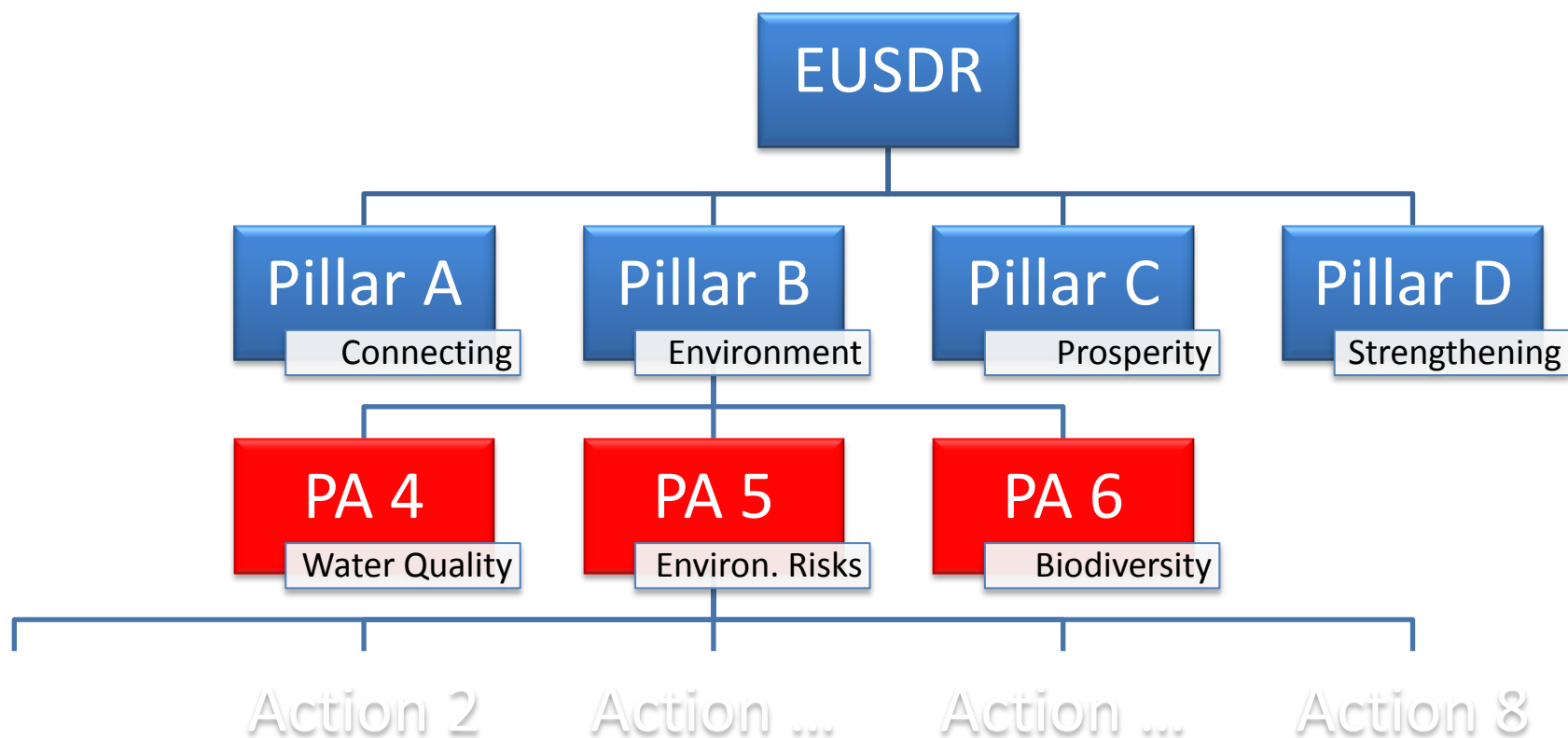


International co-operation in the water sector

- **Bilateral co-operation**
 - Transboundary (neighbouring countries)
 - With other countries
- **Multilateral co-operation**
 - International Conventions
 - » e.g. Helsinki, Danube Conventions
- **European (Union) level co-operation**
 - Common working platform (27 Member States)
 - Common basic legislation
- **Global level water co-operation**



Structure of the EUSDR



Connection to EU Strategy 2020

- 3 key priorities
 - Economy (**smart growth**) – by **Pillar A of the EUSDR**
 - Environment (**sustainable growth**) – by **Pillar B of the EUSDR**
 - Environmental degradation – by **PA 4 (Water Quality)**
 - Biodiversity loss – by **PA 6 (Biodiversity)**
 - Unsustainable use of resources – by **PA 4 and PA 5 (Env. Risks)**
 - Social policy (**inclusive growth**) – by **Pillar C and D of the EUSDR**

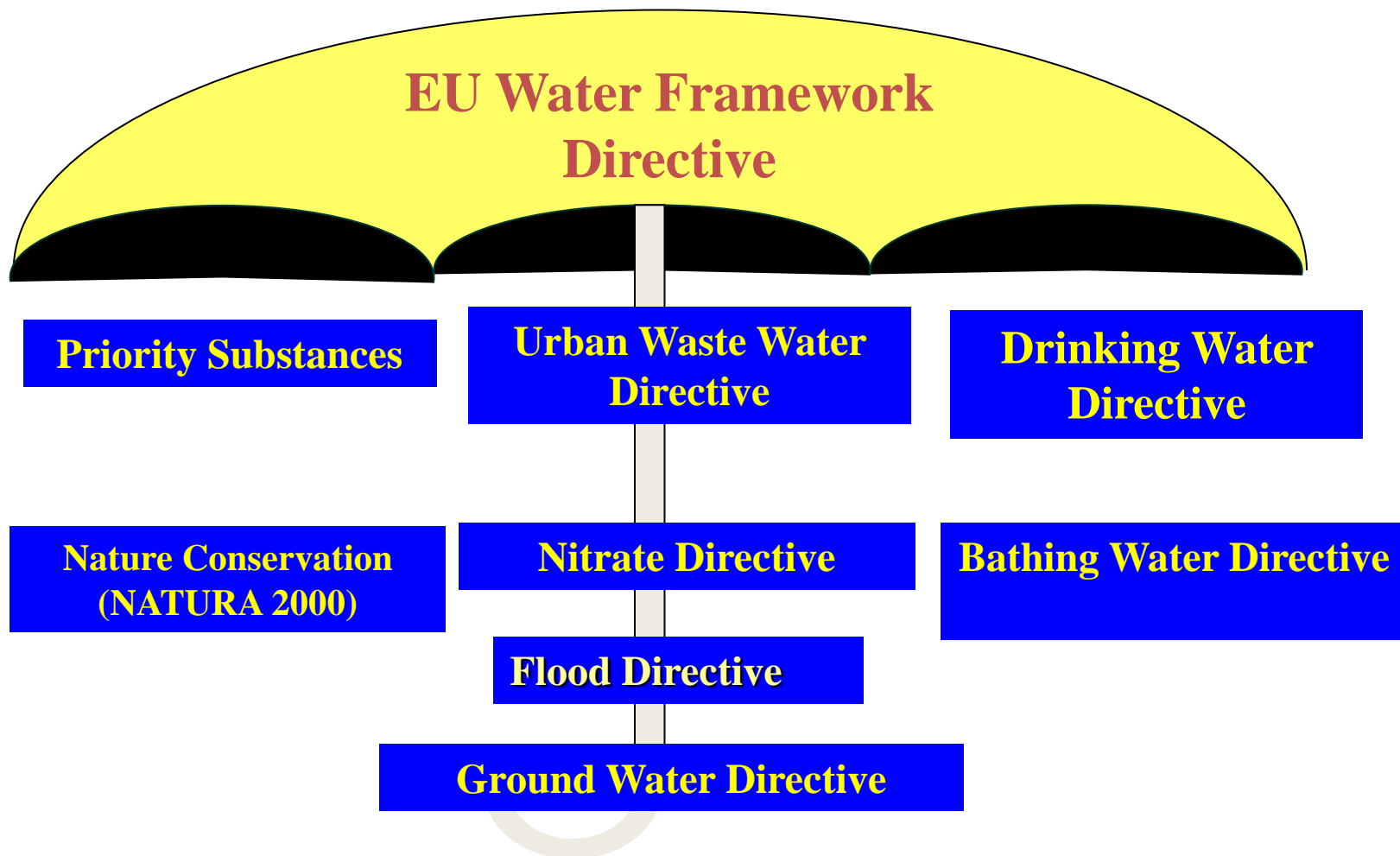
Connection to DG Environment policies

- Most of Pillar B Actions are covered by Directives of DG Environment

Water Framework Directive

„Directive 2000/60/EC of the European Parliament and of the Council of 23 October 2000 establishing a framework for Community action in the field of water policy”





Connection to updated Environment policy

Most of the EUSDR Water Quality (PA 4) Actions give answer to **Water Blueprint** (HOW?)

Main findings of the **Water Blueprint**

- The biggest pressures for ecological status are
 - HYMO alterations (handled by **Action 10**)
 - Water over abstraction (**Action 11**)
 - Lack of ecological water flows (**Action 11**)
- Cause of poor chemical status of waters is
 - Shortage of data (**Action 2 and 3**)
 - Few progress to mitigate eutrophication of waters (**Action 4 and 5**)
 - Not eligible outputs in implementation of directives (e.g. UWW T , **Action 7**)
- Low effectiveness in water using
 - Improvement needs for irrigation (**Action 11**)
 - Measures need for leakage of distribution network (**Action 13**)
- High vulnerability of European waters
 - Improvement needs for ecosystem resilience (**Action 11**)
- Improvement needs for better water information system
 - WISE, INSPIRE, GMES, etc. (by **Action 3**)
 - Improving Science-Policy Interface (**Action 6**)
- More stronger cooperation at sub-basin levels (**Action 2 and 14**)
- More communication for transparency (**Action 12**)

Connections to ICPDR activities

The ICPDR is leading the following actions of the EUSDR Water Quality

- To implement fully the Danube River Basin Management Plan
- To greatly strengthen cooperation at sub-basin level
- To continue to invest in and support the information collection systems already developed by ICPDR
- To continue boosting major investments in building and upgrading urban wastewater treatment facilities across the Danube Basin, including measures to build capacity at the regional and local level for the design of such infrastructure
- To legislate at the appropriate level to limit the presence of phosphates in detergents
- To assure the proper control and progressive substitution of substances that are considered problematic for Danube Region
- To reduce existing water continuity interruption for fish migration in the Danube river basin
- To strengthen general awareness and facilities exchange of good practice in integrated water management issues in the Danube Basin among decision-makers at all levels and among the population of the Region

Connections to JRC activities

(,Scientific support to the Danube Strategy')

- Main objectives: to gather scientific expertise and data for comprehensive modeling
- Priorities:
 - Environment protection (PA 04 - Water Quality, PA 05 - Environmental Risks, PA 06 - Biodiversity, landscapes, quality of air and soils, PA 07 - Knowledge society and ICT)
 - Navigability (PA 1A - Mobility – Waterways, PA 07 - Knowledge society and ICT)
 - Irrigation and agricultural development (PA 04 - Water Quality, PA 07 - Knowledge society and ICT)
 - Energy production (PA 02 – Energy, PA 07 - Knowledge society and ICT)
- Objective of Danube Water Nexus: surveilling of water-agriculture-energy-ecosystem issues by
 - horizontal management in fields of water quality, nature protection and biodiversity
 - scenario analysis
 - modeling

WHAT ARE BENEFITS OF THE EUSDR (Contributing for a more competitive Europe)?

The EUSDR can

- help efforts effectively for global economic crisis in sustainable manner/way in the Region
- contribute to reach environmental relevant EU objectives
- reinforce the major EU policy initiatives (mainly WFD and other connecting directives, strategies, especially Europe 2020 Strategy) and promote implementation process through the EUSDR projects
- develop the Danube Region balancing between protection of environment, sustainability and development of economy
- reach targets of the EUSDR by promoted implementation of relevant directives
- encourage the non- Member States in cooperation and contribution having regard to specific circumstances of different countries

MESSAGES TO GOVERNANCE

- Shall be built up principles of either EUWFD or EUSDR into works of administration and institution of governance
- Shall not be any contradiction between laws or rules applied by any administration body with targets of the EUSDR
- All actions improving water quality by the EUSDR shall fit for description of the document 'Blueprint to safeguard Europe's water resources', EU COM DG Environment, 2012 and of EU Strategy 2020

MESSAGES TO BUSINESS

- There is needed significant investments for upgrading of UWWTP and resolving effectively wastewater treatment in small rural settlements considering targets of the EUSDR Water Quality
- There is needed significant investments for restoring river continuity for migratory fish species by different technical solutions (e.g. by-pass channels, etc.) and for river bed, flow- and sediment- regime restoration,
- There is needed significant investments for remediation of contaminated sites by hazardous substances
- There is needed significant investments for development of optimized working and water-saving waterworks
- There is needed significant investments for development of water related monitoring networks

MESSAGES TO A CIVIL SOCIETY

- Only river basin based water resources management with inevitable ecological aspects provides sustainability in the future
- There is an urgent need for dialogues between all stakeholders about all aspect of water issues
- Common work is needed in remediation of all water for
 - Habitats protection
 - Maintaining of ecological services
 - Available quantity of water in good quality for all purposes



Köszönöm a megtisztelő figyelmet!

