


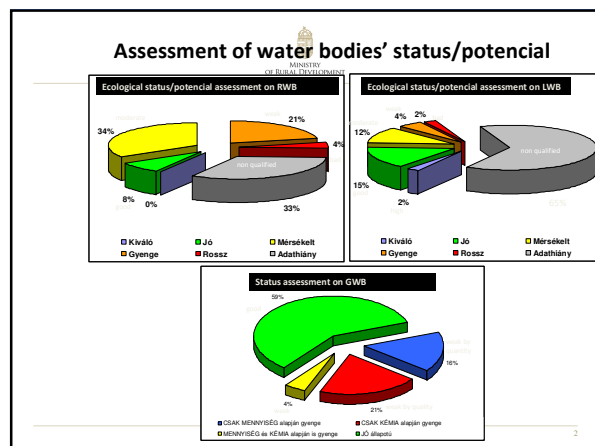
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OF RURAL DEVELOPMENT


Implementation of PoM in HUNGARY

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Lack of data

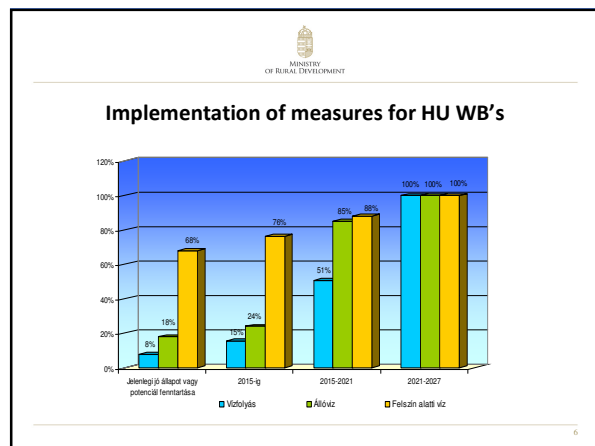
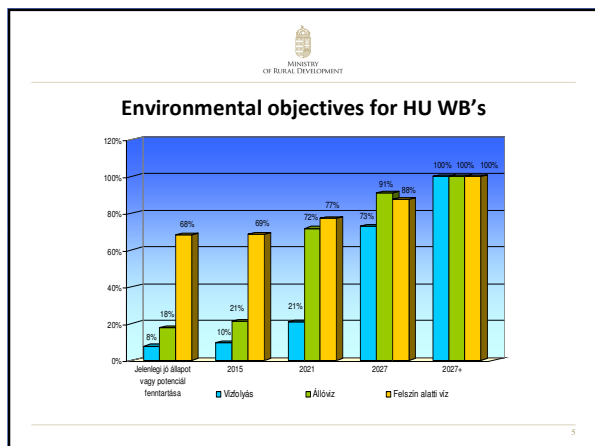
- **RWB**
 - on ecological status/pot. 32%
 - on chemical status (prior.subs.) 94%
- **LWB**
 - On ecological status/pot. 65%
 - On chemical status (prior.subs.) 98%
- **GWB**
 - quantitative status 0%
 - qualitative status 0%



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Derogations (deadline ext. and less stringent objectives) – due to...

- Transboundary context (7 neighbouring countries)
- Natural circumstances (climate change)
- Presently no exchangeable technical solution
- Disproportionate costs
- New overriding public interested development



Program of Measures

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Basic measures:

- Waste water treatment program
- Drinking water quality improvement
- Pollution reduction programs
- Nitrate action programs
- Natura 2000



Additional measures:

- Remediation projects
- Protection of drinking water resources
- River bed rehabilitation program
- Excess surface water management
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7

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Programmes of measures on...

• National level (administrative solutions)

1. Legislation
2. Revision of environmental and water licencing, EIA
3. Re-enforcing of state administration controlling
4. Development of WFD compatible monitoring network
5. Informatics issues (e.g.databases)
6. Measures for cost recovery
7. Capacity building, mind changing

• Local level (technical solutions)

1. Decreasing of organic and nutrient contamination
2. Eliminating of other (heavy metals, synthetics) contam.
3. Amending measures for HYMO status of RWB & LWB
4. Sustainable water uses for quantitative protection of WB's
5. Measures for good drinking water quality
6. Special measures for habitats and other protected areas
7. Transnational cooperation for transboundary water issues

8



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Main pressures of Tisza River Basin

- **Surface waters**
 - contaminations from
 - organic pressures (by non-eligible UWW & agriculture)
 - nutrient pressures (by household detergent & bad practice of agriculture)
 - river & lake regulation (flood prot., navigation, impoundment)
 - canalisation for
 - irrigation demands
 - water taking out (excess waters)
 - drainage in lowland for
 - agriculture
 - settlements' protection
- **Groundwater**
 - local over exploitation
 - man-made contamination

9

Water bodies – Objectives - Exemptions

Type of the water-bodies	Total number of the water-bodies	Preserving good status or potential	Reaching of the good status/potential			
			for 2015	for 2021	for 2027	
Watercourse total	334	23	38	185	84	
Natural	119	8	11	62	34	
Heavily modified	149	9	20	88	32	
Artificial	66	6	7	35	18	
Dead-waters total	131	13	19	83	15	
Natural	50	9	4	33	3	
Heavily modified	7	0	0	7	0	
Artificial	74	4	15	43	12	
Subsurface water	73*	38	1	14	18	
Total	538	74	58	282	117	



At 90 % of the water bodies - measures are necessary!

10

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Planned measures

Type of Measures		Measures % of the occurrence
Measures to reduce the nutrient and the organic material loading/load	1347	52%
Measures for reducing other pollutions	15	1%
Measures for improving of the hydromorphological condition of rivers and lakes	968	37%
Implementation of the sustainable water use, improving of the water quantity condition	191	7%
Unique measures regarding to the wetlands and protected areas	91	3%
Total measures :	2614	100%

11

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Thank you for your attention !

12