

# **WP 3 the Tisza River Basin Characterisation-Surface Water**

**Activity 3.5 Evaluation of the significant  
water management issues and proposal of  
effective measures**

**Progress in urban wastewater and  
industrial sectors by 2015**

## **Annex 1**

**Tisza River Basin Management Plan - Update 2015**

**Questionnaires No 1 and 2**

## Questionnaire No. 1

Country	Basic / supplementary measures								Remarks	
	UWWTD implementation					IED and BAT		P-free Detergents Applied (% plants)		Others measures
	Agglomerations >10,000 PE (and year)	Sensitive areas %	Estimated total costs (mil. Euro)	Funding sources (mil. Euro)		Status of implementation (% plants)				
				EU	National					
<b>Ukraine (2010)</b>	Uzhgorod Mukacheve Khust Vynogradiv Beregovo Svalyava Rakhiv Mizhgirrya								UWWTD implementation didn't start yet	
<b>Romania</b>	2015 (2018 for agglomerations between 2000 - 10,000 PE)	Whole territory Art 5 (2) Art 5 (8)	1283.410	826.16 mil. Euro of which: - 531.42 mil. Euro Cohesion Funds in the frame of the Sectoral Operational Program for	457.25 mil. Euro of which: - 224.1 mil. Euro National co-finance for EU Funds; - 41.56 mil. Euro Loans from different International	200 (94%) IED units with implemented measures relevant for waters (of a total of 212 IED units)	The accelerated decrease in trend of P in AWM detergents is continuing in period 2006-2015 [study GfK and PwC]. The EU Regulation	Measures are proposed in the framework of the RBM Plans	In progress	

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EU				National					
				Environment 2009-2013; - 116.44 mil. Euro Structural Funds in the Frame of European Funds for Agriculture; - 1 mil. Euro Structural Funds in the Frame of European Funds for Regional Development; -177.3 mil. Euro pre-accession funds (ISPA, PHARE, SAMTID, etc.):	Finance Institutions for the period 2006-2015; - 161.05 mil. Euro National funds from governmental budget and local budget; - 30.34 mil. Euro wastewater operators sources; - 0.2 mil. Euro Private Public Partnership		No 259/2012 as regards the use of phosphates and other phosphorus compounds in consumer laundry detergents and consumer automatic dishwasher detergents is continuously implemented since Romania should comply with the EU Regulations.		

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	Agglomerations >10,000 PE (and year)	Sensitive areas %	Estimated total costs (mil. Euro)	EU	National	Status of implementation (% plants)			
<b>Slovakia</b>	18 (2010*)	100	328	236	92	In implementation, continuous improvement corresponding to updating BAT	REGULATION (EU) No 259/2012 amending Regulation (EC) No 648/2004 as regards the use of phosphates and other phosphorus compounds in consumer laundry detergents and consumer automatic dishwasher detergents is binding in its entirety and directly applicable in all EU	According RBMPs	*SK transition period for implementation of Art. 5.2 UWWTD

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	Agglomerations >10,000 PE (and year)	Sensitive areas %	Estimated total costs (mil. Euro)	Funding sources (mil. Euro)		Status of implementation (% plants)			
				EU	National				
							Member States. It establishes limitations on the content of phosphates and other phosphorus compounds in consumer laundry detergents from 30.6.2013 and in consumer automatic dishwasher detergents from 1.1.2017.		
<b>Hungary</b>	78 (in 2016)	5,4	no data	no data	no data	100	100	-	Rate of P-free detergents refers to the implementation

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	Agglomerations >10,000 PE (and year)	Sensitive areas %	Estimated total costs (mil. Euro)	EU	National	Status of implementation (% plants)			
									of EU Regulation No 259/2012, by the end of 2016 every IED facilities with pollutant emissions directly discharged into surface water have applied BAT
<b>Serbia</b>	two agglomerations: Vrbas (with Kula) 50,000PE, Subotica 110,000 PE	To be identified till 2021.	Unknown	Unknown	Unknown	in TRB only two installations have IPPC permission, very slow progress	Legislation harmonized with the Regulation on detergents has been in force since 2010. P-free detergents are partially in use.		UWWTD and IED are not fully transposed in national legislation

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	UWWTD implementation			IED and BAT		P-free Detergents Applied (% plants)	Others measures	
	Agglomerations >10,000 PE (and year)	Sensitive areas %	Estimated total costs (mil. Euro)	Funding sources (mil. Euro)				
				EU	National			
						No data on plants number.		

## Questionnaire No. 2

Country	No of agglomerations for which WWTP will be constructed, upgraded or extended as indicated in the JPM of the 1 <sup>st</sup> TRBM Plan	Generated load PE	Cost Euro	IMPLEMENTATION STATUS BY END 2015 (reference to measures as agreed on national level)								Comment
				Not started		Ongoing				Completed		
						Planning ongoing		Construction ongoing				
				No of Agglom.	Generated load (PE)	No of agglom.	Generated load (PE)	No of agglom.	Generated load (PE)	No of agglom.	Generated load (PE)	
Ukraine	0											UWWTD implementation didn't start yet.
Romania	368	4,503,391	924,893,455	22	62,829	67	757,113	173	1,883,345	106	1,800,104	This situation is a result of the rearrangement of agglomerations delineation due to the reconsideration of the priorities and funding according to the updated County Master Plans and local strategies. As a consequence, in comparison with the baseline scenario presented

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				Not started		Ongoing				Completed			
		PE	Euro	No of Agglom.	Generated load (PE)	Planning ongoing		Construction ongoing		No of agglom.	Generated load (PE)		
						No of agglom.	Generated load (PE)	No of agglom.	Generated load (PE)				
													in the Annex 3 of the 1st TRBM, the number of agglomerations between 2000-10000 p.e. changed (412 instead of 663 agglomerations).
<b>Slovakia</b>	74*	731 920	150 mil.	8	31 233	8	46 341	14	146 359	44	507 987		* No of agglomerations in which WWs are not collected and not treated or not collected and not treated or partially treated. According the Annex 13 ITRBMP we indicated, that WW disposal in 14 agglomerations in the

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				Not started		Ongoing				Completed			
		PE	Euro	No of Agglom.	Generated load (PE)	Planning ongoing		Construction ongoing		No of agglom.	Generated load (PE)		
						No of agglom.	Generated load (PE)	No of agglom.	Generated load (PE)				
													TRB was considered to be satisfactory. ** Investment cost from 2007 -2015; estimation based on available data of realised project investment costs for collecting systems and UWWTPs
Hungary	280*	4.133.282	n.d.	5	15.388	18	57.304	0	0	257	4.060.590	Data refers to year 2016 (for agglomerations above 2000 PE). PE data is estimated for not started and planning ongoing statuses. * Contrary to the 1st TRBM, different data is given for the	

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				Not started		Ongoing				Completed		
		PE	Euro	No of Agglom.	Generated load (PE)	Planning ongoing		Construction ongoing		No of agglom.	Generated load (PE)	
						No of agglom.	Generated load (PE)	No of agglom.	Generated load (PE)			
												total number and PE of agglomerations because new ones have been delineated since 2005.
<b>Serbia</b>	2 agglom. >10,000PE: Vrbas (with Kula), Subotica, and 3 agglomerations from 2,000-10,000 PE: Ada (with Mol), Zitiste,	171,500	NA	NA	NA	NA	NA	NA	NA	5	171,500	

