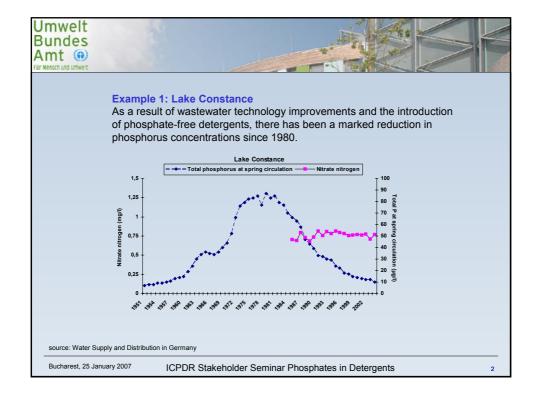
Umwelt Bundes Amt (a) Für Messch und Litweit		4			
Development of P-Load in domestic sewage in Germany					
	1975	1985	1987	1989/90	
P from human excreta	1,6	1,6	1,6	1,6	
P from left-overs of nourishment	0,3	0,3	0,3	0,3	
P from washing and cleaning agents	3,0	1,6	0,9	0,45	
Miscellaneous				0,15	
Total	4,9	3,5	2,8	2,5	
Bucharest, 25 January 2007 ICPDR Stakeholder Seminar Phosphates in Detergents 1					





The present situation in Germany

- The development of phosphate-free textile detergents halved the water body loads from wastewater treatment plants without P-removal and emissions from combined sewage overflows (~40% of all emissions from wastewater treatment plants in DE).
- In combination with the introduction of tertiary treatment in municipal wastewater treatment plants with a connected load of 10,000 inhabitants or more this led to a strong decline, by about 90%, in the total phosphate concentration in sewage from municipal waste water treatment plants and a reduction in total phosphate concentrations in water bodies by around 75 %.

Bucharest, 25 January 2007

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