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Natural Water Retention Measures are for the
long term strategyIn a world with growing pressures on resources and
the environment, _____ has no choice but to go for
the transition to a resource-efficient and ultimately
regenerative circular economy._____ = the EUResource Efficient Europe 2020 Manifesto











Val	ue estimat	es of Natura	2000 sites	5					
Con	Considered value elements:								
	Climate regu	lation – carbon s	storage						
	Moderation of	of extreme event	S						
	Water regulation, purification, provision								
	Pollination,A products	Pollination, Agriculture, erosion control and forestry products							
	Natural med	Natural medicines, genetic resources							
-	Air quality,								
-	Human healt	:h							
-	Biological co	Biological controll							
	 Cultural and Social Services: Tourism, Recreation Table 2: Estimated benefits at EU27 based on up-scaling of GDP adjusted site based estimates 								
	Basis for upscaling	Value per hectare (€)	Value EU27 (€M)						
	Mean Median	3,441	313,520	-					
	Source: Estimating the 2011 –	2,447 Overall Economic Value of the ronment/nature/natura2000/fina	. ,						













-	be floodpla enarios, 90 y			8%, million
	Investment cost	Avoided damage	Nutrient retention	Value of floodplain ecosystem
Dyke relocation	-407	177	488	93
Dry polder	-42	415	0	
Wet polder	-124	427	54	2
Naturschutz und Biologisc Picture: http://www.erlebn	artie, V., Meyerhoff, J. (2010 the Vielfalt 89, Bundesant f isgruenesband.de/typo3ten nundation with some	ür Naturschutz: Bonn, pp/pics/64a4e0b130.jpg	naturverträglicher Hochwa	asservorsorge an der

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Cost + Flood resultsCost + Flood + NutrientCost + Flood Nutrient+ EcosystemDyke relocation-2302581184Dry polder373373373Wet polder303357559Value of nutrient reduction• by treatment plan substitution• Consider the Great Miami river CSEcosystem value• by willingness to pay survey• consider the UK way of third parties	p	-	rtial results	
Dry polder 373 373 373 Wet polder 303 357 559 Value of nutrient reduction • by treatment plan substitution • Consider the Great Miami river CS Ecosystem value • by willingness to pay survey				Nutrient+
Wet polder 303 357 559 /alue of nutrient reduction by treatment plan substitution Great Miami river CS Consider the Great Miami river CS Consider the Great Miami river CS Consider the Great Miami river CS Ecosystem value by willingness to pay survey Constant of the Great Miami river Constant of the Great Miami river	Dyke relocation	-230	258	1184
 Value of nutrient reduction by treatment plan substitution Consider the Great Miami river CS Ecosystem value by willingness to pay survey 	Dry polder	373	373	373
 by treatment plan substitution Consider the Great Miami river CS Ecosystem value by willingness to pay survey 	Wet polder	303	357	559
EU funds	 Consider th 	0.000.000	er CS	





