



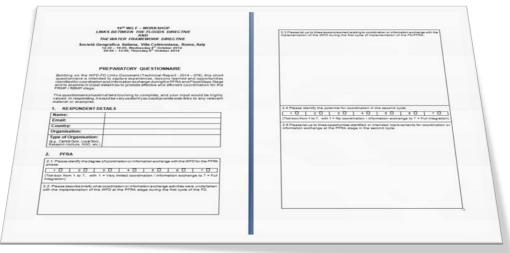








PREPARATORY Questionnaire sent in August



AIMs of Questionnaire:

- To capture experiences, lessons and opportunities identified for coordination and information exchange during PFRA and Flood Maps Stages
- to examine in closer detail how to promote effective and efficient coordination for the FRMP / RBMP stage

Questionnaire team:

Mark Adams — Clemens Neuhold — Barbro Naslund — Ioannis Kavvadas — Jorge Jureta — Giuseppina Monacelli — Martina Bussettini — Barbara Lastoria

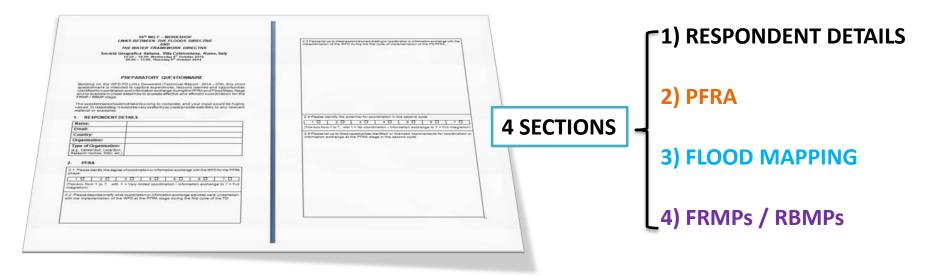












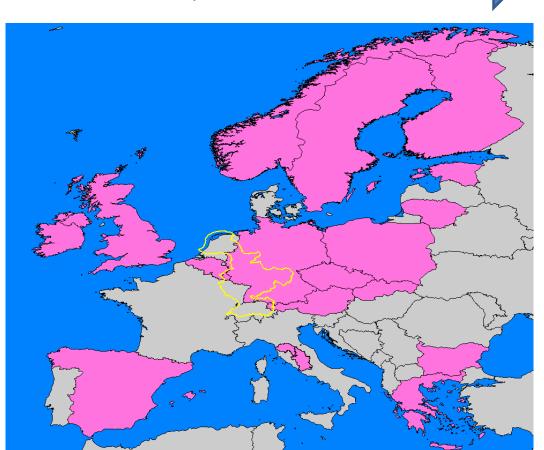








PREPARATORY Questionnaire



1) RESPONDENT DETAILS

COUNTRY		
ENGLAND		
NORTHERN IRELAND		
GERMANY		
ITALY — TEVERE RBA		
AUSTRIA		
IRELAND		
THE NETHERLANDS		
ESTONIA		
POLAND		
LUXEMBOURG		
NORWAY		
GREECE		
FINLAND		
LATVIA		
BULGARIA		
SWEDEN	+ RHINE COUN	ITDIEC
ITALY - ARNO RBA	(International	
CZECH REPUBLIC	for the Protec	tion of the
SPAIN	Rhine – ICPR)	
SLOVAK REPUBLIC		













2.1 – Please identify the degree of coordination or information exchange with the WFD for the PFRA phase.

	Coordination PFRA phase								
COUNTRY	1 = Very limited coordination / information exchange to 7 =								
COUNTRY	Full integration								
	Transitional Measure	1	2	3	4	5	6	7	
ENGLAND		Х							
NORTHERN IRELAND				Х					
GERMANY				Х					
ITALY — TEVERE RBA	13.1.b								
AUSTRIA				Х					
IRELAND			Х						
THE NETHERLANDS	13.1.b								
ESTONIA							Х		
POLAND		Х							
LUXEMBOURG		Х							
NORWAY							Х		
GREECE								Х	
FINLAND				Х					
LATVIA				Х					
BULGARIA					Х				
SWEDEN			Х						
ITALY - ARNO RBA	13.1.b								
CZECH REPUBLIC							Х		
SPAIN						Χ			
SLOVAK REPUBLIC				Χ					
ICPR			Х						











2) PFRA

2.2 – Please describe briefly what coordination or information exchange activities were undertaken with the implementation of the WFD at the PFRA stage during the first cycle of the FD.

Utilisation of shared geographic data (RBD boundaries - river network - protected areas) and environmental risk data (protected areas + pollution sources)

- 2.3 Please list up to three lessons learned relating to coordination or information exchange with the implementation of the WFD during the first cycle of implementation of the FD-PFRA.
- Enhance coordination between WFD and FD management structures, dataset (including a common list of measures)
- Improve information/communication sharing.
- The main challenge is simultaneously realise cycle plans











2.4 – Please identify the potential for coordination in the second cycle for the PFRA phase

COUNTRY	Potential Coordination PFRA phase - II cycle 1 = Very limited coordination / information exchange to 7 = Full integration							
	1	2	3	4	5	6	7	
ENGLAND							Х	
NORTHERN IRELAND					Х			
GERMANY		Х						
ITALY — TEVERE RBA				Х				
AUSTRIA					Х			
IRELAND				Х				
THE NETHERLANDS					Х			
ESTONIA							Х	
POLAND		Х						
LUXEMBOURG						Х		
NORWAY								
GREECE							Х	
FINLAND				Х				
LATVIA					Х			
BULGARIA					Х			
SWEDEN				Х				
ITALY – ARNO RBA								
CZECH REPUBLIC						Х		
SPAIN						Х		
SLOVAK REPUBLIC					Х			
ICPR			Х					













2) PFRA

2.5 – Please list up to three opportunities identified or intended improvements for coordination or information exchange at the PFRA stage in the second cycle.

- Harmonise and interlink FD and WFD data sets especially if different local authorities are involved.
- Take into account new up-to-date information about "Climate Change".
- Explore the value in shared stakeholder involvement to allow greater understanding of the holistic management aspects required for the implementation of measures under both directives.
- More detailed information derived from the PFRA on hydromorphological alterations could be available for the WFD second cycle.











3) FLOOD MAPPING

3.1 – Please identify the degree of coordination or information exchange

COUNTRY	Coordination Flood Mapping phase 1 = Very limited coordination / information exchange to 7 = Full integration								
	1	2	3	4	5	6	7		
ENGLAND			Х						
NORTHERN IRELAND				Х					
GERMANY		Х							
ITALY – TEVERE RBA					Х				
AUSTRIA				Х					
IRELAND			Х						
THE NETHERLANDS									
ESTONIA					Х				
POLAND				Х					
LUXEMBOURG	Х								
NORWAY									
GREECE						Х			
FINLAND					Х				
LATVIA				Х					
BULGARIA			Х						
SWEDEN				Х					
ITALY - ARNO RBA						Х			
CZECH REPUBLIC					Х				
SPAIN						Х			
SLOVAK REPUBLIC						Х			
ICPR			Х						









PREPARATORY Questionnaire



3) FLOOD MAPPING

- 3.2 Please describe briefly what coordination or information exchange activities were undertaken with the implementation of the WFD at the flood mapping stage during the first cycle of FD.
- WFD datasets on protected areas and source of pollution have been used to produce one set of the risk maps.
- Flood information used in WFD analysis of GEP/GES for identification of HMWB and potential for hydromorphology mitigation measures.
- 3.3 Please list up to three lessons learned relating to coordination or information exchange with the implementation of the WFD during the first cycle of the FD-flood mapping.
- There is some potential for FD mapping to explicitly include reference to hydromorphological issues (e.g. floodplain connectivity), as well as showing the potential for using natural water retention areas to attenuate flood flows.
- Define common representation scale, data accuracy and coordination in timing.









PREPARATORY Questionnaire



3) FLOOD MAPPING

3.4 – Was it possible, and if so in what ways, to make the information presented in the flood maps consistent with relevant information presented under WFD implementation?

- Difficult due to the different scale and level of detail.
- In flood risk maps, the desired consistency is explicitly mentioned in art. 6-5(c).
- Through the utilization of the same GIS system and of coherent territorial unit of management/district.
- Publication of all results related to both Directives done on one online platform.













4) FRMPs / RBMPs

4.1 – Please briefly describe the coordination structures and activities in place for FRMPs / RBMPs current implementation cycle.

FRMPs / RBMPs - Coordination structures Same organizational structures **COUNTRY** for the implementation of both plans Structures/Tools for coordination YES NO **Environment Agency** Χ **ENGLAND** Same web site to publish final FRMPs and RBMPs **Local Flood Forums NORTHERN IRELAND** Χ Open to WFD stakeholders German Working Group on Water Issues of the Federal States and the Federal Government (LAWA) Χ GERMANY **River Basin Communities** River basin national authorities together with the Regions are responsible for RBMPs River basin national authorities together with the Regions of the Χ ITALY District and the National Department of Civil Protection are responsible for FRMPs













4) FRMPs / RBMPs

4.1 – Please briefly describe the coordination structures and activities in place for FRMPs / RBMPs current implementation cycle.

	FRMPs / RBMPs - Coordination structures						
COUNTRY		tional structures tation of both plans	Structures/Tools for coordination				
YES NO		NO					
AUSTRIA	Х		 Both directives are implemented by the BMLFUW. Supported by a decision commission addressing the Austrian federal system 				
IRELAND		Х	Management or steering groups at national and RBD level assure cross-representation				
THE NETHERLANDS	Х		 Administrative cooperation structure for the National and regional implementation of both Directives The RBMP and the FRMP are annexes of the National Water Plan 				
ESTONIA	Х		Ministry of EnvironmentFRMP is one part of RBMP				













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		FRMPs /	RBMPs - Coordination structures
COUNTRY Same organizational structures for the implementation of both plans			Structures/Tools for coordination
	YES	NO	
			National Water Management Authority
POLAND X			Concurrent RBMP and FRMP consultation process on "Reliable"
			Plans"
LUXEMBOURG	X		Water Agency of Luxembourg
			Norwegian Water Resources and Energy Directorate (NVE)
			FD is not implemented in Norwegian law
NORWAY			A pilot program in the Gudbrandsdalen valley in the Glomma RBD
			aims to integrate total flood and land slide risk measures in a
			FRMP, taking into account agriculture
			SPECIAL SECRETARIAT FOR WATER (SSW) /MINISTRY OF
GREECE	X		ENVIRONMENT ENERGY AND CLIMATE CHANGE
			Units of Management are the same for both the WFD and the FD









PREPARATORY Questionnaire



4) FRMPs / RBMPs

4.1 – Please briefly describe the coordination structures and activities in place for FRMPs / RBMPs current implementation cycle.

		FRMPs / I	RBMPs - Coordination structures			
COUNTRY Same organizational structures for the implementation of both plans YES NO			Structures/Tools for coordination			
FINLAND	TES	X	 At national level Ministry of Agriculture and Forestry is responsible for FD and Ministry of the Environment is responsible for WFD National coordination groups with members from both ministries coordinate WFD and FD. At local level, Regional Centres for Economic Development, Transport and the Environment coordinate the implementation of both directives. 			
LATVIA	х		 Ministry of Environmental Protection and Regional Development (MEPRD) is WFD and FD Competent Authority State limited Liability Company "Latvian Environment, Geology and Meteorology Centre" (LEGMC) is the implementation entity. 			









PREPARATORY Questionnaire



4) FRMPs / RBMPs

4.1 – Please briefly describe the coordination structures and activities in place for FRMPs / RBMPs current implementation cycle.

		FRI	MPs / RBMPs - Coordination structures							
COUNTRY Same organizational structures for the implementation of both plans		for the implementation of both		or the implementation of both		for the implementation of both		for the implementation of both		Structures/Tools for coordination
	YES NO			YES NO		YES NO				
				The Environment Ministry is the Competent Authority						
BULGARIA	Х			The River Basin Directorate is the management authority and coordinates						
				both directives						
CIMEDEN	V		•	Coordination of FD is made at the water district level, by County						
SWEDEN	X			Administrative Boards the same authorities responsible for the WFD						
			•	FRMPs / RBMPs are coordinated by Commission for Water planning.						
CZECH REPUBLIC			•	Both plans has identical sub-units (River sub-basin) River sub-basin plans are						
				drawn up by river basin administrators.						









PREPARATORY Questionnaire



4) FRMPs / RBMPs

4.1 – Please briefly describe the coordination structures and activities in place for FRMPs / RBMPs current implementation cycle.

6/6

		FRI	MPs / RBMPs - Coordination structures				
COUNTRY	Same organizational structures for the implementation of both plans		for the implementation of both		for the implementation of both		Structures/Tools for coordination
	YES	NO					
SPAIN SLOVAK REPUBLIC	X X (Partly)		 The units of management for the implementation of both WFD and FD are the same, the River Basin Districts In 14 out of 25 River Basin Districts the teams in charge of RBMPs and FRMPs are also the same, and in the other 11 teams are working very close Implementation of crucial part of measures in actual RBMPs and new RBMPs ensure right one company i.e. Slovak Water Management Enterprise (measures on water courses). Implementation of measures in forests or agricultural land is liability of freeholders 				
ICPR		Х	 National management plans for areas of operation in the IRBD Rhine The ICPR will coordinate the drafting of a single flood risk management plan on the level of the IRBD Rhine 				

Workshop "Linking Floods Directive and Water Framework Directive" Società Geografica Italiana, Villa Celimontana, Rome 8-9 October 2014













4) FRMPs / RBMPs

4.2 – Please list the most important aspects of the RBMPs / FRMPs where coordination or information exchange is important and/or could be beneficial and give some brief reasoning as to why (examples might include objectives, measures (land use, NWRM, etc.), economics, public consultation, shared data, etc..)

Important ASPECT for coordination or information	REASON 1
exchange	
Flood risk impacts on good status (e.g. hydromorphology	this is a key aspect that links WFD and flood risk
and diffuse pollution due to surface water run-off)	management
Sharing data and mapping of areas with similar objectives	To save time and prevent duplication of work in the
	collecting process and to have a more efficiently and
	effectively identification of shared elements for
	FRMPs/RBMPs
Taking into account the Strategic Environmental	reduce conflicts among FRMPs and RBMPs objectives and
Assessment (and ecosystem services)	measures
Synchronizing time of consultation and engagement	Highlight plans interactions for public and other interested
during all FRMPs and RBMPs drafting process.	parties awareness

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Important ASPECT for coordination or information	REASON
exchange	
Free and easy public access to both FRMP and RBMP	The information needs to be accessible for a better
information	stakeholders and citizens involvement
Multidisciplinary/multisectorial approach and skill of	To achieve multiple benefits
those work in RBMPs or FRMPs	
	To share resources/information useful for a more efficient
Land-use management at catchment level	and multi-use water quality and water quantity
	management
Coordinated Programs and catalogues of measures	To optimize resources and results and reduce
	contradiction with WFD and FD measures.

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PREPARATORY Questionnaire



4) FRMPs / RBMPs

4.3 – Concerning measures selection, is it foreseen that the FRMPs might include structural measures for flood protection which can physically modify the water bodies and prevent the achievement of the good status, or protect water bodies from contamination? If so, have any synergies/conflicts between measures of both RBMPs and FRMPs been identified? If it is possible, please provide any relevant example.

It is foreseen that the FRMPs include structural measures which can physically modify water bodies and possibly prevent the achievement of the good status.













4) FRMPs / RBMPs

4.4 – Please provide any relevant example of NWRM or other actions already executed or planned to be included in FRMP which will contribute to achieve the compliance with both Directives.

- restoration of floodplains
- protection of flood generation areas
- certain methods of soil conservation
- reforestation
- restoration of natural water flow conditions
- settlement displacements
- introduction of Fluvial Parks
- increasing retention in rural areas (e.g. change of soil cultivation, use of monocultures "water absorptive")
- restoring and maintaining meadows and pastures

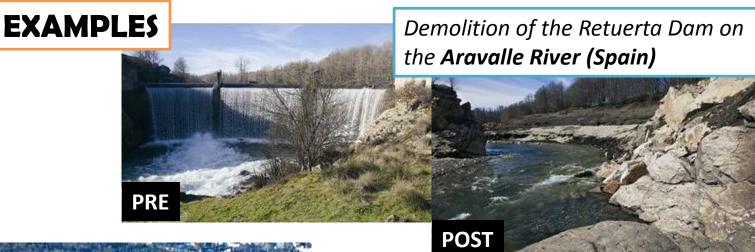














River Mark, Breda, the Netherlands:

floodplain restoration project, just upstream of Breda, known as "Bieberg", incorporates remeandering and secondary bypass channels

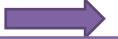












4) FRMPs / RBMPs

4.5 – Related to FRMPs-2nd RBMPs drafting procedure, please identify which is your case among the ones listed below.

1/2

COUNTRY (A) Both plans are being carried out jointly		(B) Some part of the procedure is being done jointly				(C) Information needed has been exchanged,	into one i	merge the the RBMPs ntegrated ment
	(I) Setting the objectives	(II) Strategic Environment Assessment	(III) Selecting measures	(IV) Public information and consultation	but the drafting procedures of the RBMPs and FRMPs are independent from each other.	1 CYCLE	NEXT CYCLES	
ENGLAND					YES	PARTLY	NO	TBD
NORTHERN IRELAND						YES	NO	
GERMANY					YES		NO	
ITALY — TEVERE RBA					YES		NO	TBD
AUSTRIA					YES	YES	TBD	
IRELAND						YES	NO	
THE NETHERLANDS					YES			
ESTONIA	YES				YES		YES	YES
POLAND					YES		NO	
LUXEMBOURG	YES						NO - To A	

(*)TBD = To be decided

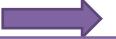












4) FRMPs / RBMPs

4.5 – Related to FRMPs-2nd RBMPs drafting procedure, please identify which is your case among the ones listed below.

2/2

COUNTRY	(A) Both plans are being carried out jointly	(B) Some part of the procedure is being done jointly				(C)	Intention to merge the FRMPs and the RBMPs into one integrated document	
		(I) Setting the objectives	(II) Strategic Environment Assessment	(III) Selecting measures	(IV) Public information and consultation	procedures of the RBMPs and FRMPs are independent from each other.	1 CYCLE	NEXT CYCLES
NORWAY				YES		YES	NO	
GREECE						YES	NO	
FINLAND				YES	YES	YES	NO	
LATVIA				YES	YES		YES	
BULGARIA						YES	NO	NO
SWEDEN						YES	NO	TBD
ITALY - ARNO RBA		YES	YES	YES	YES		NO	NO
CZECH REPUBLIC					YES		YES	YES
SPAIN	YES						NO	TBD
SLOVAK REPUBLIC			YES				YES	YES
ICPR	VVOLKSIIC	ara mana a		TIVE AND VV	YES	WOLK DIFFCHVE	(*)TRD = To	be decided

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(*)TBD = To be decided











Thanks for your attention!



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"Questionnaire results"

Giuseppina Monacelli, Barbara Lastoria

ISPRA - Italian National Institute for Environmental Protection and Research