

# ENVIRONMENTAL PROTECTION OF INTERNATIONAL RIVER BASINS PROJECT

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## EPIRB Project River Basin Management Plans Reflection on the List of Contents



4<sup>th</sup> RBMP Workshop

8 December 2014

Kiev, Ukraine

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*on EU WFD)*

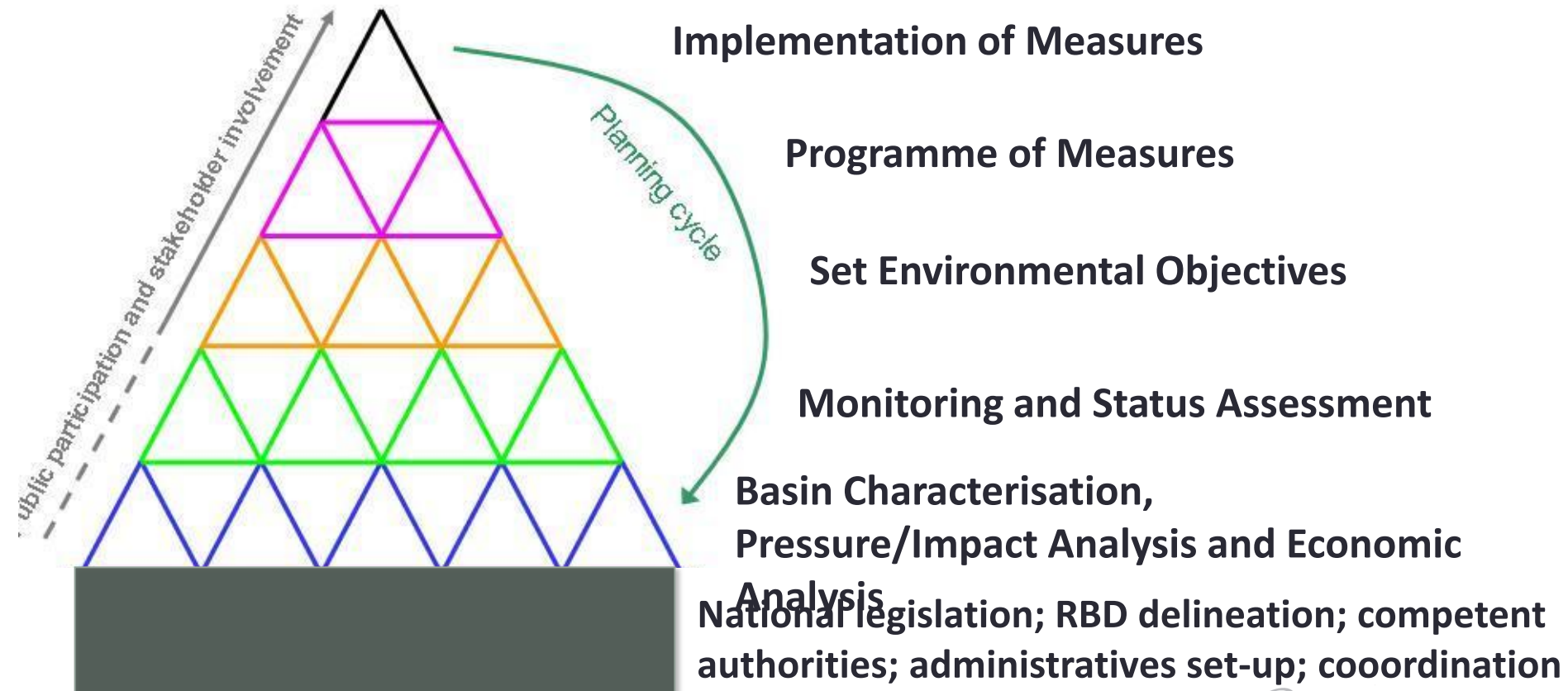
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## Planning Process: WFD River Basins Management Plans



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## Planning Process: WFD River Basins Management Plans

- ⊙ EPIRB RBMPs have been following this planning cycle from the beginning
- ⊙ Each step builds crucially upon each other
- ⊙ Relevant methods have been developed and applied – Guidance documents!
- ⊙ Typology and WB delineation important prerequisite
- ⊙ Pressure/Impact Analysis is crucial basis for monitoring design
- ⊙ PoM will respond to identified significant pressures and impacts

If significant pressures are not identified correctly  
– Monitoring Programmes do not respond  
and WFD Objectives CANNOT be achieved

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## EPIRB Project River Basin Management Plans

- ⊙ River Basin Management Plans are on a good way towards finalisation
- ⊙ However, the finalisation phase will be critical and important
- ⊙ Issues that have been developed so far need to be reflected in the RBMPs in a concise and consistent way
- ⊙ RBMPs need to reflect the full spectrum of the EU WFD
- ⊙ Provide a comprehensive and coherent overview of river basins
  - ⊙ Basic characterisation including typology and water body delineation
  - ⊙ Pressures and impacts
  - ⊙ Measures and economic analysis
  - ⊙ Shortcomings and next steps





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## EPIRB RBMPs and this 4<sup>th</sup> Workshop

- ⊙ This 4<sup>th</sup> RBMP Workshop holds the opportunity to discuss and clarify open issues regarding the RBMPs

**Raise questions on your remaining RBMP issues !  
We will do our best to answer these and support you towards finalisation.**

- ⊙ This presentation reflects on the RBMP Table of Contents and the key issues

**Break Out Groups: Go through Table of Contents and list the open issues**



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## Chapter 1: Introduction and Background

- ⦿ Brief introduction to the RBMP
- ⦿ Outline of EU WFD aims and how this is addressed by the EPIRB Project
- ⦿ Briefly address pilot basin
- ⦿ Content of RBMP



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## Chapter 2: General Description of River Basin District

Describes the general, basic characteristics as required by EU WFD Article V

- ⊙ This is part of the River Basin Analysis and you can refer to it
- ⊙ Still, an overall description needs to be part of the RBMP
  - ⊙ Surface waters
  - ⊙ Groundwater
  - ⊙ Protected areas
- ⊙ Typology and water body delineation
- ⊙ Overview maps



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## Chapter 3:

### Significant pressures and possible impacts on water status

This chapter is very important in the RBMP as it set the scene for planning, management, monitoring and PoM

- ⊙ Reflection/summary of risk assessment results showing which water bodies are at risk of failing the environmental objectives
  - ⊙ Water status data used as far as available
- ⊙ Coherent structure according to water categories is needed to address pressures
  - ⊙ Surface waters
  - ⊙ Groundwater
  - ⊙ Protected areas





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## Chapter 3:

### Significant pressures and possible impacts on water status

- ⊙ For all water categories, address all pressures
  - ⊙ Point source pollution
  - ⊙ Diffuse source pollution
  - ⊙ Pollution by hazardous/priority substances
  - ⊙ Hydromorphological alterations including all pressure types as listed in the EPIRB Guidance Document
- ⊙ Analysis for EACH water body
  - ⊙ Use tables and figures to provide good overview
  - ⊙ Use maps for pressure illustration
  - ⊙ Detailed methods shall be annexed
- ⊙ Provide additional information as needed

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## Chapter 4:

### Protected Areas (EU WFD Article 6 and Annex)

- ⊙ Inventory of Protected Areas related to various Directives and PA categories
- ⊙ Outline of planned monitoring for PAs
- ⊙ Environmental objectives for PAs
- ⊙ PoM for PAs



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## Chapter 5: Monitoring programmes and networks

- ⊙ Introduction and requirements
- ⊙ Surface waters (rivers and lakes) and groundwater
  - ⊙ Surveillance, operational, investigative monitoring
  - ⊙ Assessment of water status and confidence levels
- ⊙ Role of risk assessment and way forward
- ⊙ Monitoring of Protected Areas
- ⊙ Maps of networks and status assessment results
- ⊙ Describe shortcomings (e.g. BQEs)



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## Chapter 6: Environmental Objectives and Exemptions

- ⦿ This chapter should only address key issues
- ⦿ Be concise and use a clear structure
- ⦿ Recalling some basics:





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## Basic principle to set Environmental Objectives

*Water Bodies at*

high status:

good status:

moderate status

poor status

bad status:

status to be ensured

status to be ensured

**No Deterioration!**



Achieve GOOD water status



1. Ensure water status and prevent deterioration
2. Achieve water status and then prevent deterioration
3. Apply and justify exemptions according to Article 4

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## Basis to set environmental objectives

Environmental Objectives (surface water & groundwater) are based on:

- ⊙ Pressure/Impact Analysis
- ⊙ Risk Assessment
- ⊙ Monitoring results – if available

1. Environmental Objectives need to be set for EACH water body !!

2. Align the Environmental Objectives to four 6-Year Planning Cycles  
(Starting point = Year 2015; End point of 4<sup>th</sup> cycle = Year 2033)

3. Consider the exemptions according to WFD Article 4



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## Chapter 6: Environmental Objectives and Exemptions

- ⊙ EOs for surface waters (including AWBs and HMWBs)
  - ⊙ Environmental objectives chemical status
  - ⊙ Environmental objectives ecological status
  - ⊙ Results of monitoring and risks assessment
  - ⊙ EOs and Outline of stepwise achievement
  - ⊙ List exemptions according to articles 4(4), 4(5), 4(7) – Guidance Doc !
- ⊙ EOs for groundwater
  - ⊙ Environmental objectives chemical status
  - ⊙ Environmental objectives quantitative status
  - ⊙ Results of monitoring and risks assessment
  - ⊙ EOs and Outline of stepwise achievement
  - ⊙ List exemptions according to articles 4(4), 4(5), 4(7) – Guidance Doc !

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## Chapter 6: Environmental Objectives and Exemptions

- ⊙ Eos Protected Areas
  - ⊙ Address relevant protected areas e.g.
  - ⊙ PAs with drink water abstraction
  - ⊙ PAs for recreation and bathing
  - ⊙ Natura 2000
  - ⊙ Fish waters / PAs





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## Chapter 7: Economic Analysis

- ⦿ Use of the related EPIRB Project guidance document
- ⦿ Separate presentation will be given



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## Chapter 7: Programme of Measures Summary and more detailed

- ⊙ Use the EPIRB Project guidance document
- ⊙ POMs for surface waters, groundwater and protected areas
- ⊙ Be clear and concise
- ⊙ **Address your significant pressures and impacts on water status**
  - ⊙ Make reference to respective chapter !
- ⊙ Reflection on some basics



# Proposed Basic Steps to Develop PoM in Pilot Basins

<b>Step 1</b>	<b>Set environmental objectives</b> for each water body (consider exemptions to reach environmental objectives)
<b>Step 2</b>	<b>Align national legislation</b> that correspond to the EU Directives to set basic measures
<b>Step 3</b>	<b>Identify basic and supplementary measures</b> to achieve objectives
<b>Step 4</b>	<b>Align measures to the four 6-year planning cycles</b> First cycle should focus on measures toward WFD compliance
<b>Step 5</b>	<b>Align cost estimates</b> to the identified measures

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## Chapter 9: Public Participation and Consultation

## Chapter 10: Competent authorities

## Chapter 11: Contact points

## Annexes





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## Discussion for Break Out Groups

- ⦿ What are your key concerns ? List these.
- ⦿ What are your open issues towards the RBMP ? List these.
- ⦿ What will be the key shortcomings in your RBMP?
- ⦿ Are you clear on the chapters and structure of your plan ?



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# THANK YOU!

