

# **2<sup>nd</sup> Annual Meeting and the 3<sup>rd</sup> Screening Workshop at Pilot – Drina River Basin**

10 - 12 March 2015

ECRAN 57314

**Significant Water Management Issues in  
Drina River Basin**



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# Structure of the presentation

- SWMIs introduction
- SWMIs in the RBM Plan
- SWMIs components
- Possible SWMIs
- Key issues for SWMIs selection
- Proposed approach for Drina RB
- Screening templates and results



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# Introduction of SWMIs

## What is it?

- The pressures acting on the water environment to be considered in the preparation of the PoM to achieve the WFD environmental objectives
- Essential step between Art 5 reports and RBMP preparation
- A “local” document

## Basis

Identification required by WFD Article 14.1

- Article 14 – interim overview of the SWMIs in the river basin, made available for public and users comment, 2 years before the beginning of the RBMP

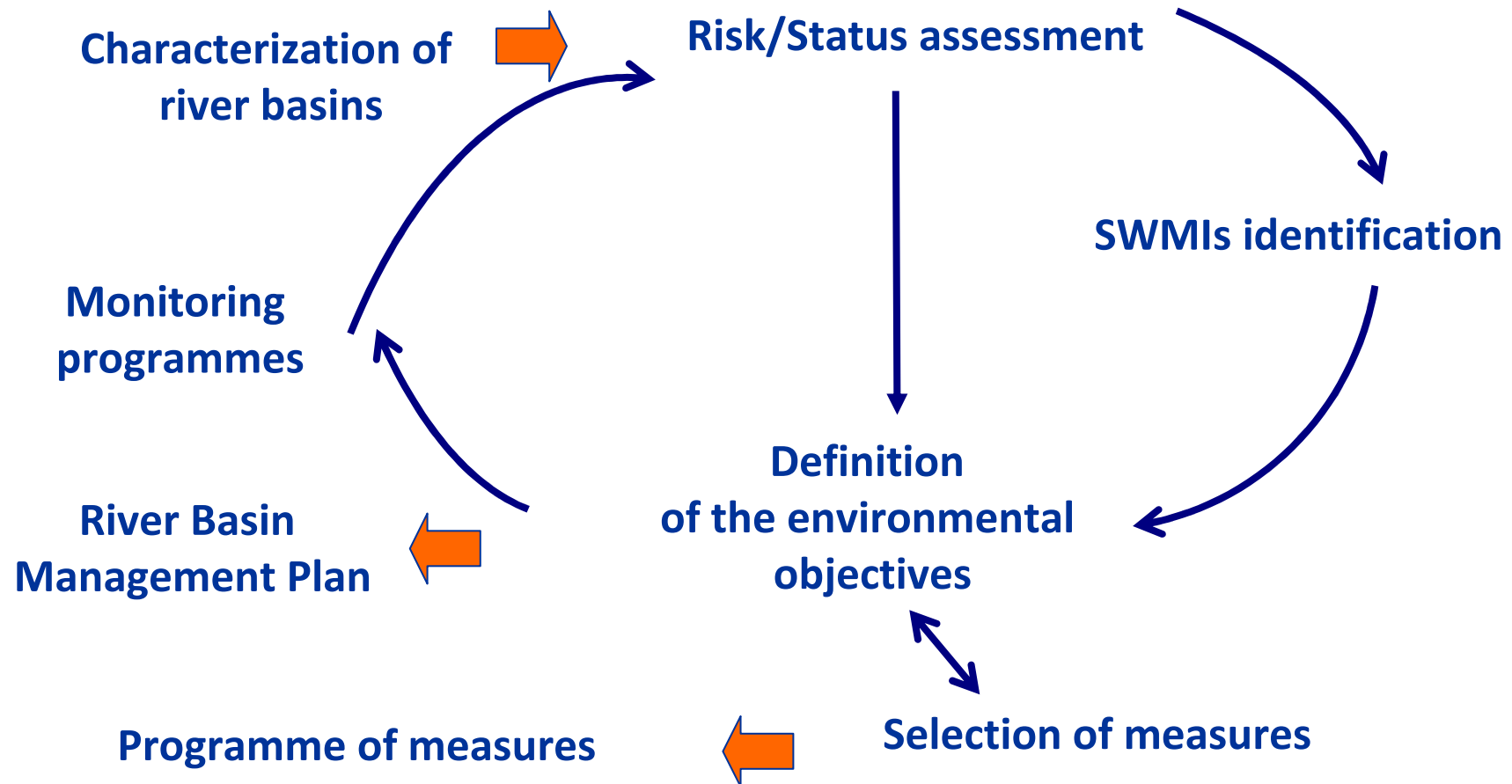
## Key elements

The priorities, content, structure, level of detail



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# SWMIs in the RBM Plan



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# SWMI components (1)

**SWMI = Significant Water Management Issues**

- Significant Water Issues
- Management Issues



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# SWMI components (2)

**SWMI = Significant Water Management Issues**

**- Significant Water Issues**

- Article 5 analysis reports
- National reports
- River basin analysis
- Water quality reports
- Expert review
- Stakeholders inputs

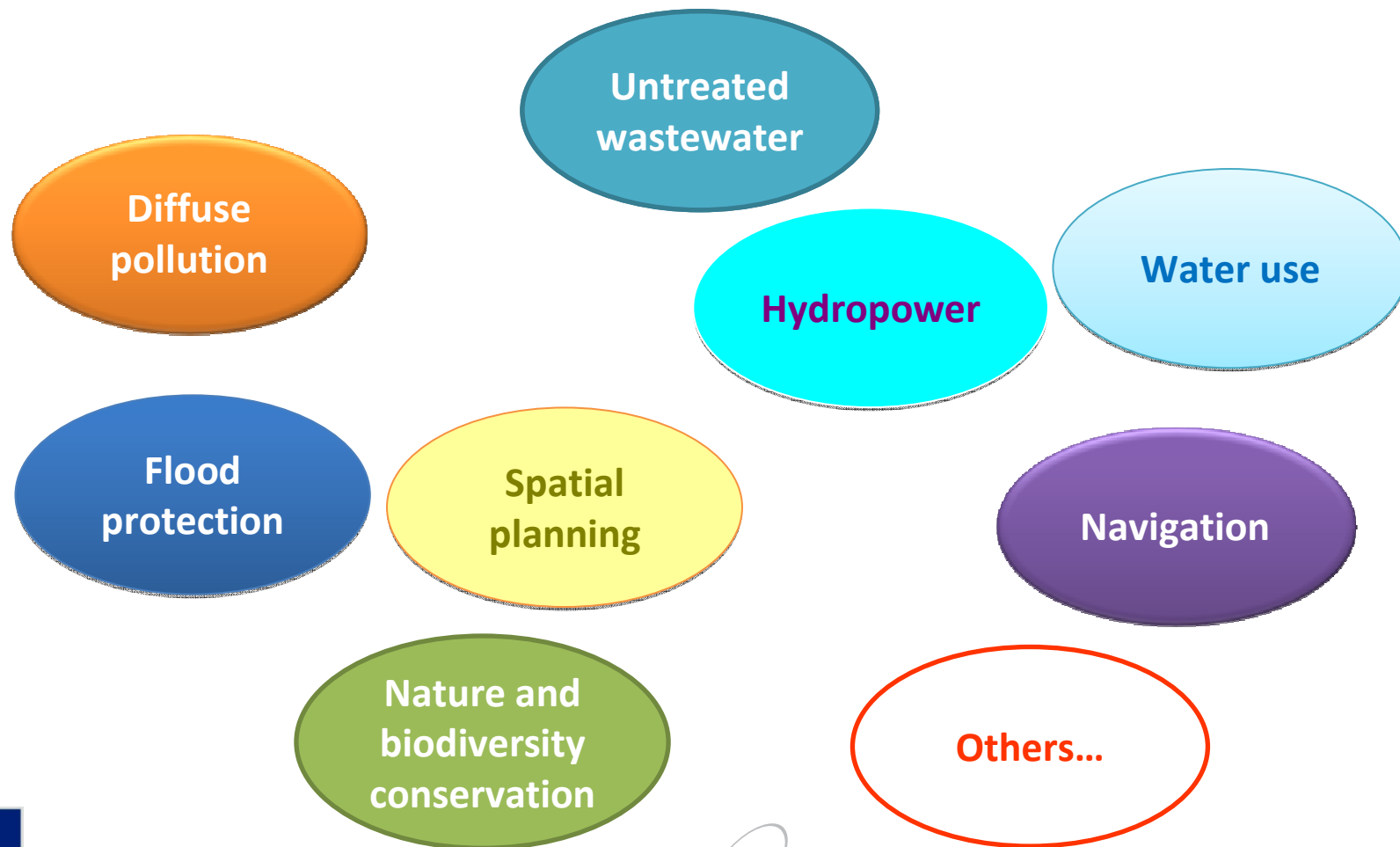


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# The significant water issues (3)

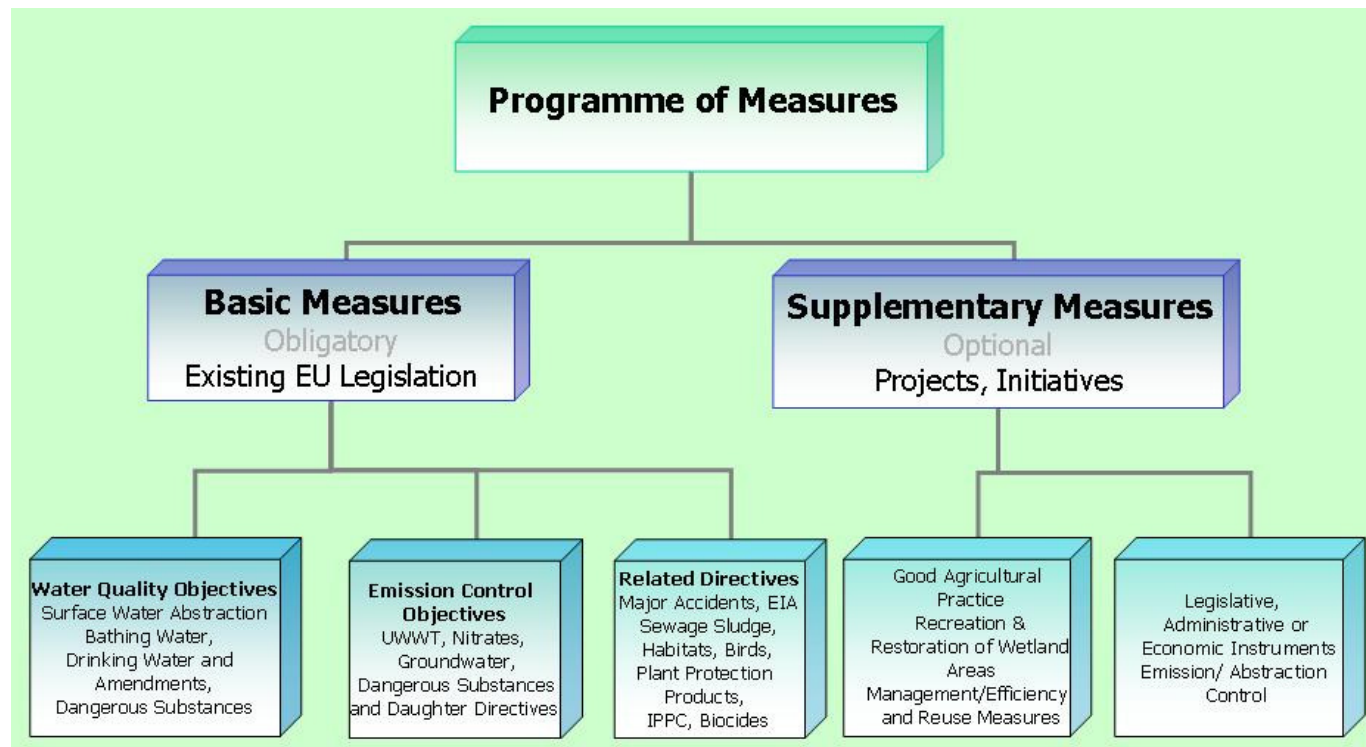


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# SWMI components (4)

- **Management issues** (management tools, needs, gaps, solutions)



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# Possible SWMIs

Danube River Basin

Sava River Basin

Drina River Basin

Organic pollution

Nutrient pollution

Hazardous  
Substances pollution

Hydromorphological  
alteriations

Invasive  
alien species

Groundwater

Sediments

Others....



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# Significant Water Management Issues in the Danube River Basin



Organic  
Pollution



Nutrient  
Pollution



Hazardous  
Substances Pollution



Hydromorphological  
Alterations



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# Key issues for SWMIs selection

- The SWMIs selection in the Drina RB need to be based on the basin – wide approach, knowing that the waters of the Drina and its tributaries are strongly connected to local economies, living standards and environmental values
- The basin-wide approach will take into account the different conditions in the Drina countries, such as the natural conditions and the socio-economic aspects
- The selection is based on the:
  - The size of the adverse impact of the respective SWMI on the achievement of the WFD's objectives for each category of water body in the river basin district
  - The anticipated effect of the measures already being implemented in the river basin
  - The SWMIs will differ geographically between the sub-basins/sub-units or at the national level, and shall therefore be presented by sub-unit Drina



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# Proposed approach for Drina RB

- Selection of the SWMIs
- Priority setting
- Definition of long term visions for each SWMI
- Description of the environmental management objectives
- Identification of actions and measures addressing each SWMI - PoM
- Establish coordination requirements for implementing the selected visions
- Ensure monitoring and evaluation of visions implementation
- Assess the anticipated effects for meeting the WFD environmental objectives.



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# Screening templates (1)

1. Please list the **top 5 significant water management issues** facing Drina RB Against each issue write a priority score of 1 to 5 (with 1 being the highest priority and 5 the lowest).

Describe in brief the issue and priority of concern, for instance, whether it is a specific policy issue such as absence of water abstraction controls, nitrate/phosphorus controls or a hydromorphological alteration, or a general concern, for example, lack of co-ordination within Government. State whether the problem is at river basin or community level.

No	Issue	Priority



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# Screening templates (2)

2. Do you think the whole Drina RB faces the same SWMIs, or are there significant differences, between catchments, sub-units, or between urban/rural areas, for example?

3. How should these issues be addressed?

4. Are there barriers that prevent these issues from being addressed?

Please provide examples of possible solutions, such as increase community (local) participation, increased education and media coverage including making the public more aware of the real cost of providing drinking water and connection to sewer, suggestions as to reorganisation of existing structures for more effective delivery of services.

- Barriers
- Possible solutions

5. Please list what you consider to be other SWMIs in the Drina RB.



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# Results of Drina RB SWMIs screening (1)

## Prioritized identified SWMIs

1. **Organic pollution:** insufficient sewage and WWTPs coverage
2. **Flooding**
3. **Hydromorphological alterations:** hydropower energy facilities
4. **Nutrient pollution:** diffuse pollution from agriculture
5. **Priority and hazardous substances:** industrial emissions

## Additional SWMIs

6. Sand and gravel extraction
7. Damp site used as municipal landfill



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# Results of Drina RB SWMIs screening (2)

## How should these issues be addressed?

1. Increase of the sewage coverage and building of WWTPs.
2. Development of sustainable flood management
3. Implementation of financial water management tools (water price, PPP)
4. Improvement of Water polluter's cadastre
5. Building of fish paths
6. Introduction of BMP in agriculture and nutrient management (soil testing, fertilizer application)



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# Results of Drina RB SWMIs screening (3)

## Barriers

Lack of resources

Lack of local experts

Lack of awareness of importance of water related issues

Lack of relevant data

## Possible solutions

EU funding for water related projects

Public participation in educational programmes and workshops

Better collaboration of institutions in charged for water related issues.



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# Thank you!



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