

2nd Annual Meeting and the 3rd Screening Workshop at Pilot – Drina River Basin

10 - 12 March 2015

ECRAN 57314

**WFD environmental objectives, visions
and management objectives in Drina RB**



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Structure of the presentation

- WFD Environmental objectives
- RBMP Environmental objectives
- Issues papers for the approach
- Vision and management objectives:
key issues
- Management objectives
- Possible visions
- Selecting management objectives
- Basic concept for Drina RB

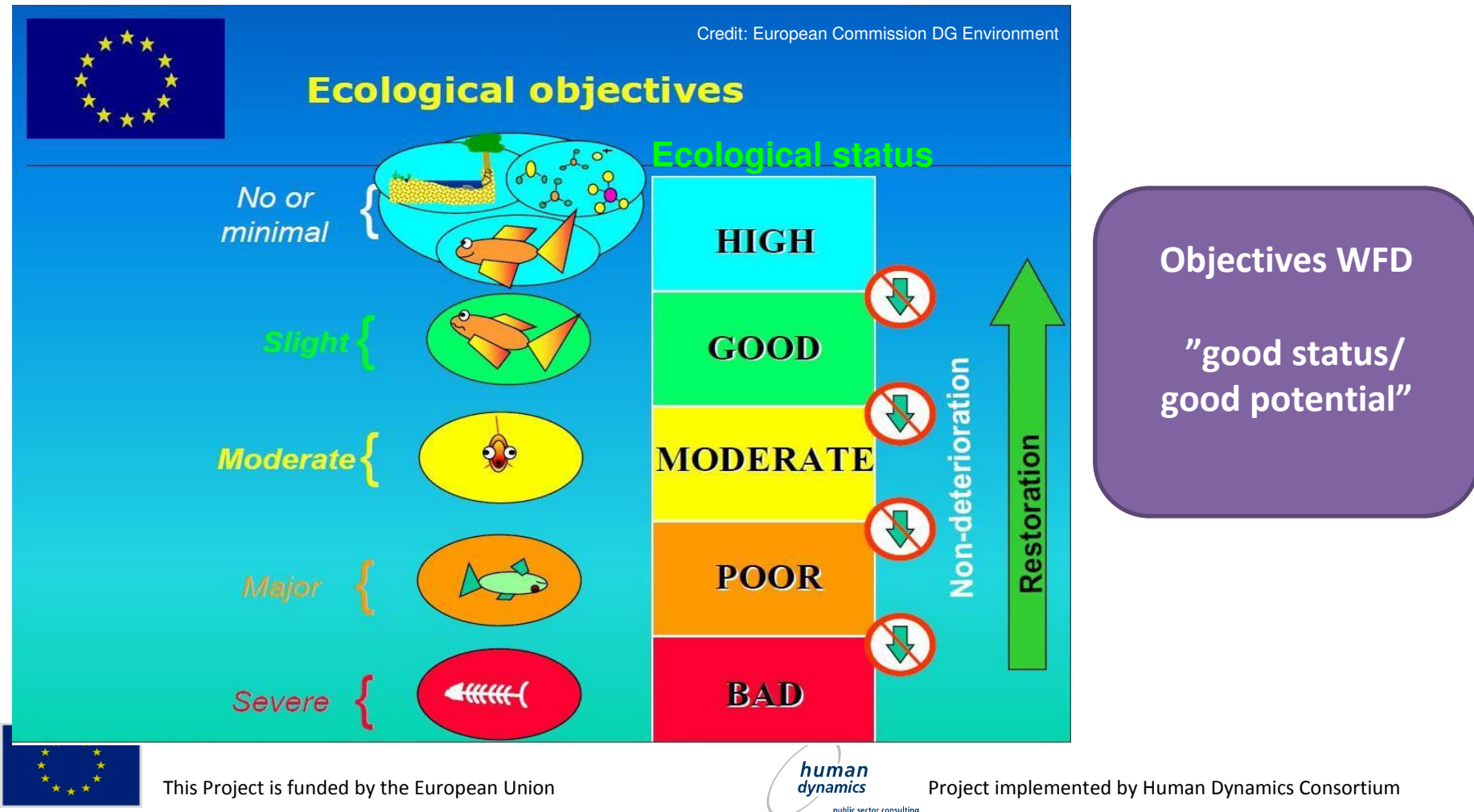


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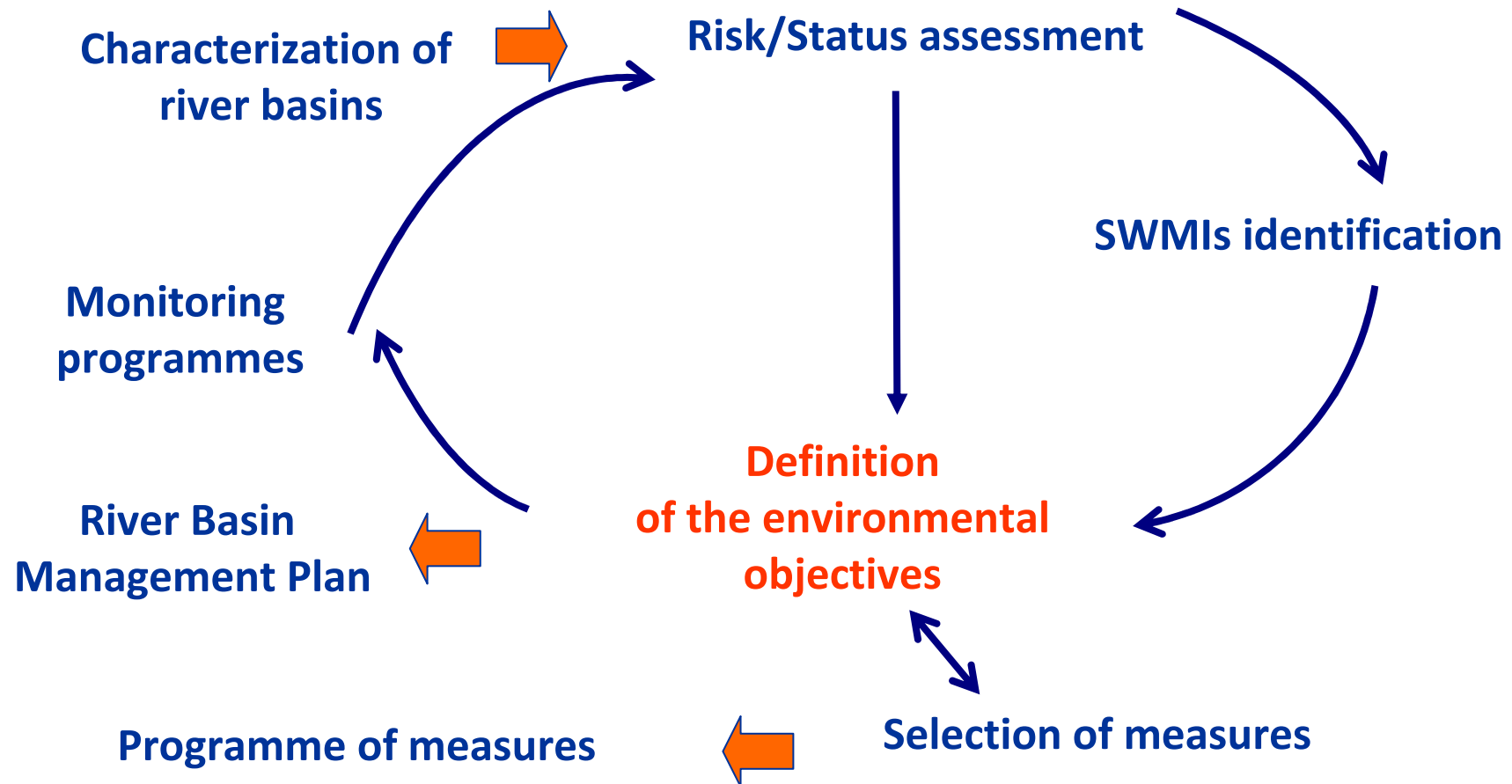


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WFD Environmental objectives for surface waters



Environmental objectives in the RBMP



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Issue papers for the approach

This **issue paper** provides an **overall strategy and guidance** on how to address the management issue of organic pollution/nutrient pollution/ hazardous substances/ hydromorphological alterations/..., on how to develop a relevant management approach regarding measures and how an improvement of status can be achieved - all on a basin-wide scale.

The document includes **management objectives for Drina basin wide scale, which are based on visions** and which will guide the Drina countries towards a common environmental aim.



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Issue papers (2)

The Drina's basin wide vision for organic pollution is zero emission of untreated wastewaters into the waters of Drina River Basin.

The objective is to develop a Joint Programme of Measures (JPM) within the frame of the Drina RBM Plan.

The *issue paper* will also support the development of the national Programmes of Measures.



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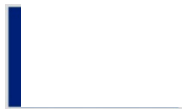
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Vision and management objectives: Key issues

Vision and management objectives are defined for each SWMIs

The visions:

- describe the RBM Plan objectives on long term perspective
- are based on shared values
- present the spatial consequences of implementation of WFD principles
- Provide evidence for competent authorities to assess the effect of spatial development of the Program of Measures
- the Visions and Management Objectives will be integrated into the RBMP



What are Management Objectives

The management objectives are:

- the steps, described quantitatively or qualitatively, towards the implementation of WFD objectives in the river basin
- the tool to check and prove the effectiveness of national measures on the basin-wide scale

The management objectives can be achieved through:

- measures
- reduction of pressures
- quality standards

Role of the Management Objectives

The management objectives can:

- facilitate the assessment of effects of the measures implemented at national level
- provide the basis for assessing the requirements to achieve the WFD objectives
- require coordination at different basin level.



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Possible visions

Organic pollution: No untreated municipal and industrial wastewaters are discharged into the waters River.

Nutrient pollution: The emissions of nutrients via point and diffuse sources are managed in a balanced way for the entire basin

Hazardous substances pollution: Hazardous substances are no threat to the aquatic environment of the waters in the basin

Hydromorphological alterations: Hydromorphological alterations do not impact the aquatic ecosystems in the basin. The aquatic environment of the entire basin functions in a holistic way – hydromorphological pressures are managed in such a way, that necessary habitats and structures are provided to ensure self-sustaining aquatic populations

Groundwater quality: Emissions of polluting substances do not cause any deterioration of groundwater quality.

Selecting management objectives

ORGANIC POLLUTION

Vision

zero emission of untreated
wastewaters into the waters of
the Drina RB

Management objectives

- Implementation UWWT Directive
- Specification of treatment level
- Number of planned WWTP
- Specification of emission reduction targets.

NUTRIENT POLLUTION

Vision

the balanced management of
nutrient emissions via point
and diffuse sources in the
entire Drina RB

Management objectives

- Implementations of best environmental practices regarding agricultural practices
- Reduction of phosphates in detergents



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The basic concept for Drina RB

Visions & management objectives

for each of the selected SWMISs

Economic approach

aim = basin wide scale (feed back mechanism national scale)

link to SWMIs where realistic

for sure take SWMIs holistically into account

Measures

Different situations of the countries need to be taken into account

Different costs are expected.



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Economic approaches: Organic Pollution

- River basin economic characterisation
- Preparation of a baseline scenario
- Performing the cost-effectiveness analysis and
- Assessing the economic impact of the programme of measures
- Performing the disproportionate cost analysis.



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Example:

Enabling cost recovery analysis

- Adequate contribution of the different water uses, disaggregated into:
 - industry
 - households
 - agriculture
- Recovery of costs of water services, based on the economic analysis conducted according to Article 5 and taking account of the polluter pays principle.
- Consideration of results of relevant investigations. .



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Thank you!



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