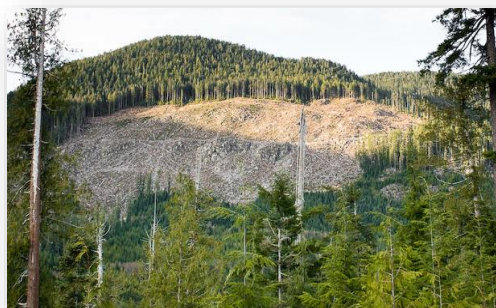


# CAMARO-D

Cooperating towards **A**dvanced **M**anagement **R**outines for land use impacts on the water regime in the **D**anube river basin



# Facts and figures - INTERREG

## **Programme Priority**

2. Environment and culture  
responsible Danube region

## **Programme specific objective**

2.1: Strengthen transnational  
water management and flood  
risk prevention

## **Duration**

01/01/2017 – 30/06/2019

## **Partners**

14 partners and 9 ASPs from 9  
countries (AT, SI, HU, RO, BG,  
HR, SRB, CZE, DE)

## **Total budget**

€ 2,588.138 (ERDF, IPA funds)



# Partnership

★ 14 Project  
partners  
from 9 countries

★ 9 Associated  
partners  
from 7 countries



# Objectives

## Main objective

Improved land use practices for the protection of water resources and flood risk prevention developing comprehensive recommendations towards a strategic policy for the implementation of an innovative transnational catchment-based “Land Use Development Plan” (LUDP)

## Specific objectives

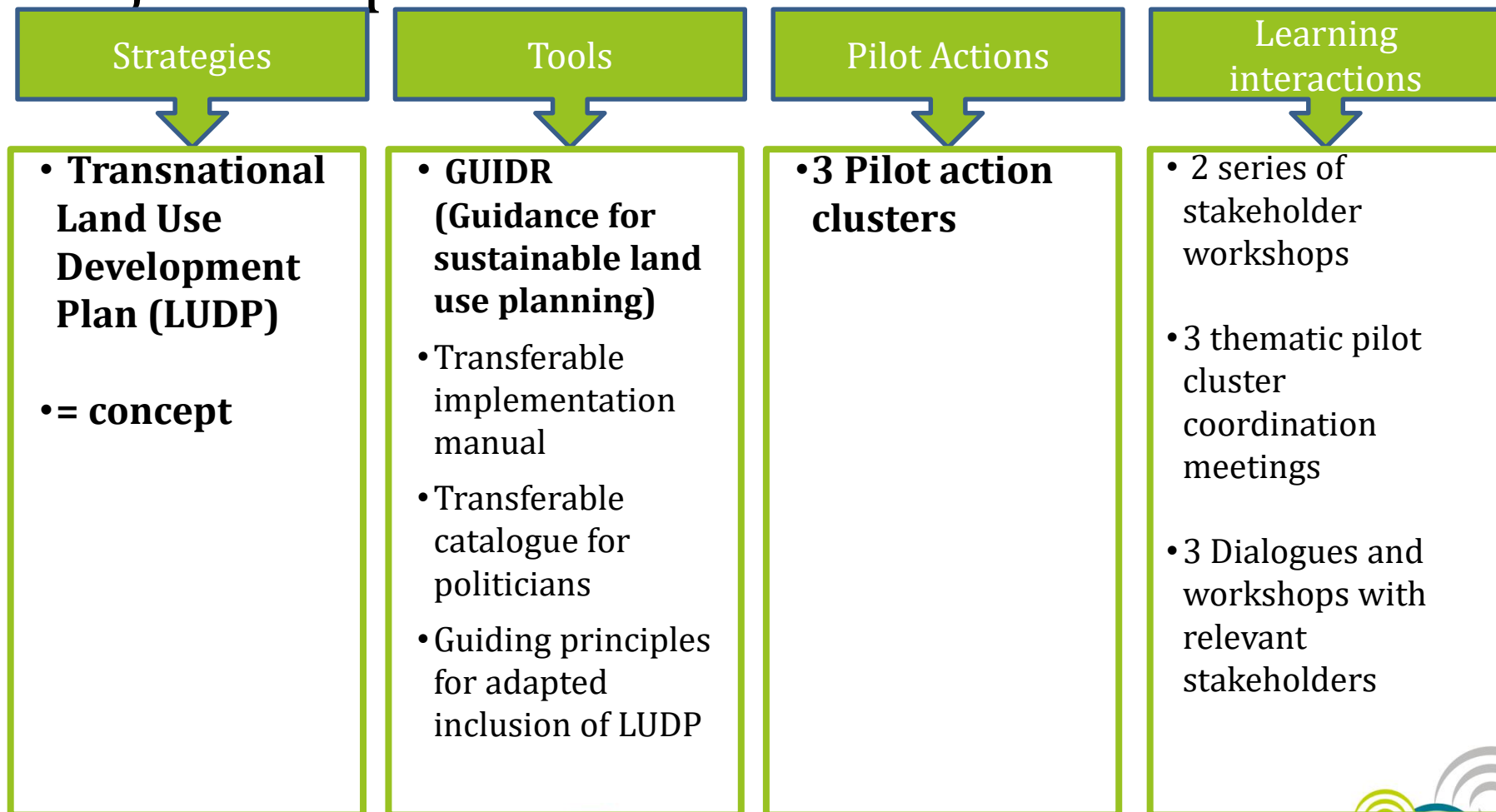
➤ **Setting the frame** for a harmonized transnational land use management system in catchment areas, taking into account the demands of water resources protection and flood prevention.

➤ **Harmonizing and improving** the protection of water resources against negative impacts of land use and climate change as well as reduction of flood risk.

➤ **Bringing life** to the project outcomes by translating the most effective and efficient land use management (LUDP) into practice within the pilot actions.



# Project Outputs



# Target groups

- Policy makers on national and EU level
- Local, regional, national public authorities and public services
- Practitioners (farmers, foresters, spatial planners and water suppliers)
- Research and education
- Network institutions and organisations on different levels
- General public



# Project results

Improved **trans-sector and transnational cooperation** between relevant stakeholders (esp. governmental institutions)

- Recommendations for **improved land management** (improving the framework conditions for decision processes of involved stakeholders), harmonization of measures
- **Guidelines and strategic planning instruments** to coordinate land use activities in catchments of the Danube River Basin





# Pilot action clusters

Land use /  
vegetation  
cover –  
protection of  
**groundwater  
resources**

Land use /  
vegetation  
cover along  
**torrents, small  
rivers** and their  
catchment –  
erosion, floods,  
soil compaction,  
surface runoff,  
invasive plant  
species and  
water pollution

Land use /  
vegetation  
cover along  
**rivers &  
accumulation  
lakes** –  
erosion, floods,  
soil  
compaction,  
surface runoff,  
invasive plant  
species and  
water pollution





# EU relevance

- EUSDR (Priority Area 4 & 5) – availability and quality of freshwater resources as well as the proper function of ecosystems to maintain and restore biodiversity
- EU Water Framework Directive
- EU Flood Directive
- Blueprint 2014
- EU Groundwater and Soil Framework Directive (proposal)
- Natura 2000
- RAMSAR convention
- 7. EU-Environment Action Programme



# Land use planning – GUIDR -Guidance for the Danube Region for sustainable land use planning

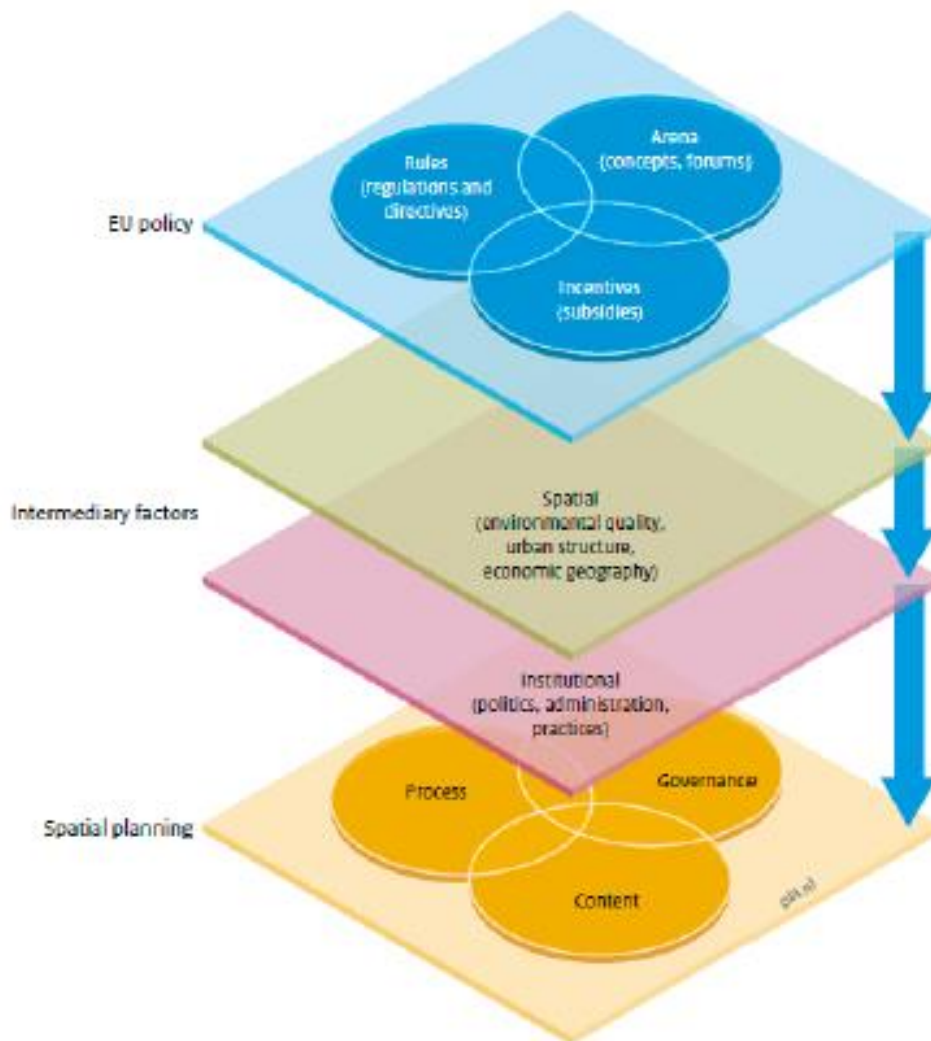


# Influence of EU policies on spatial planning

EU policy

Intermediary factors

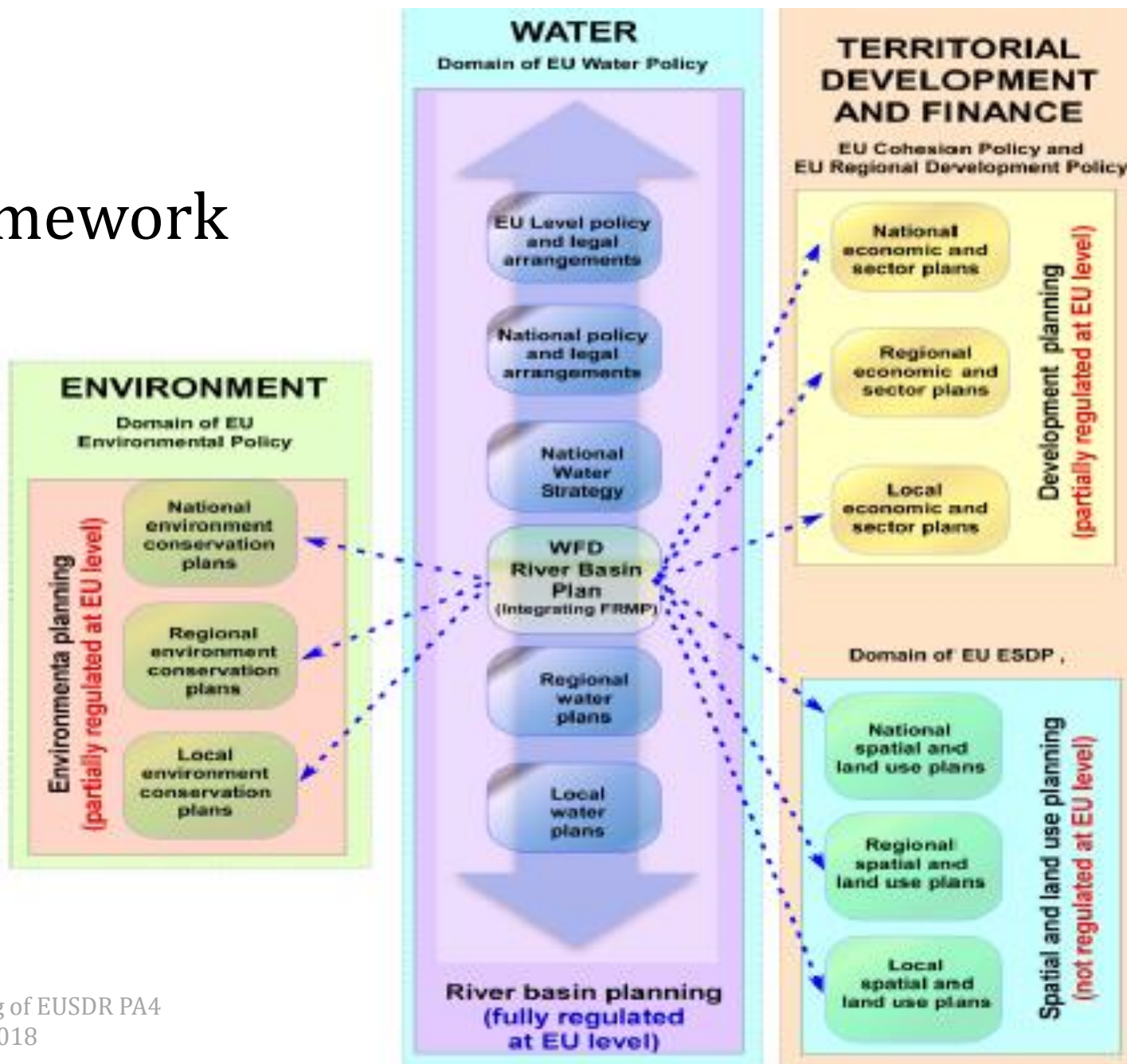
Spatial planning



source: BPM

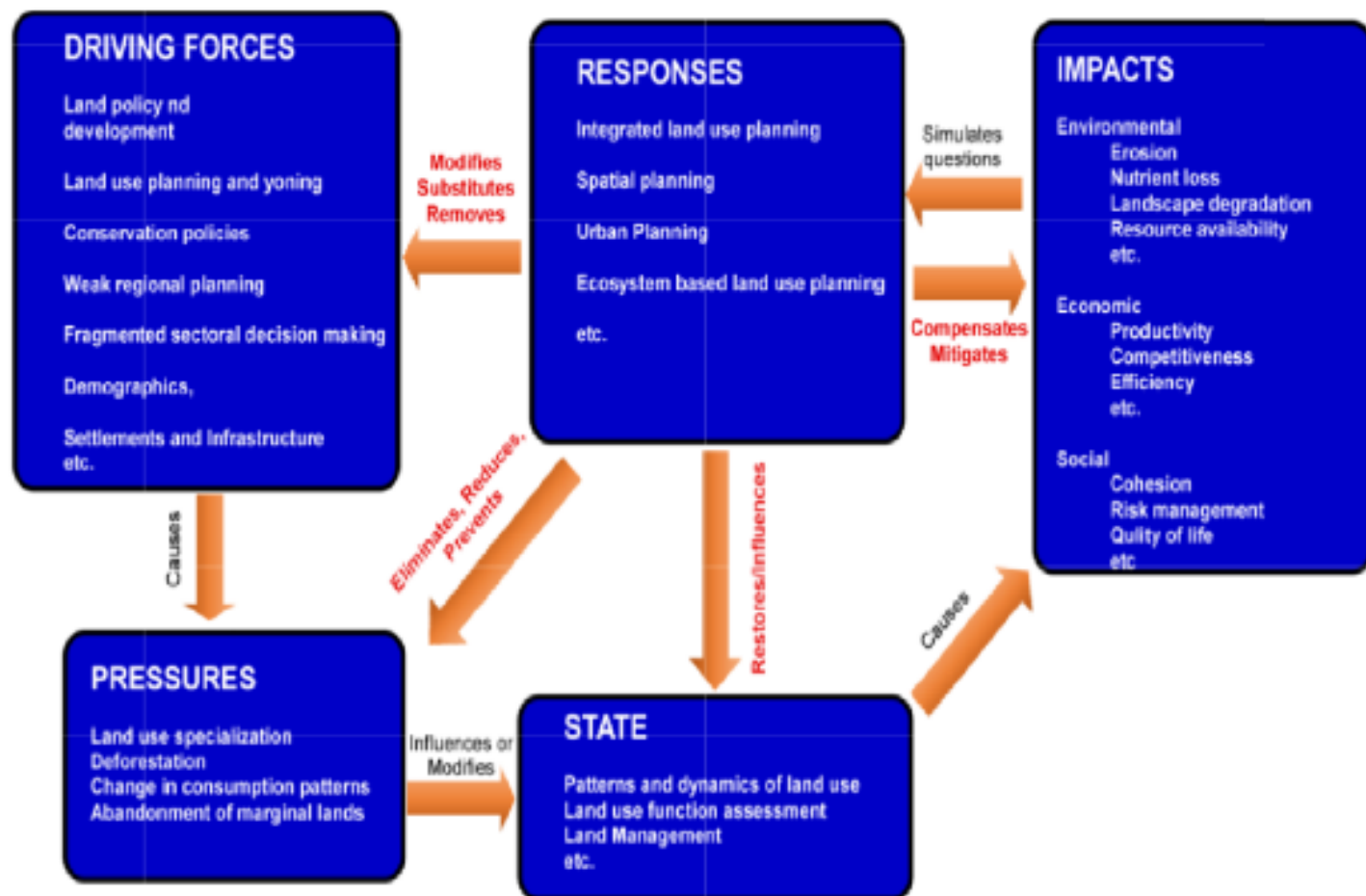


# Water Framework Directive



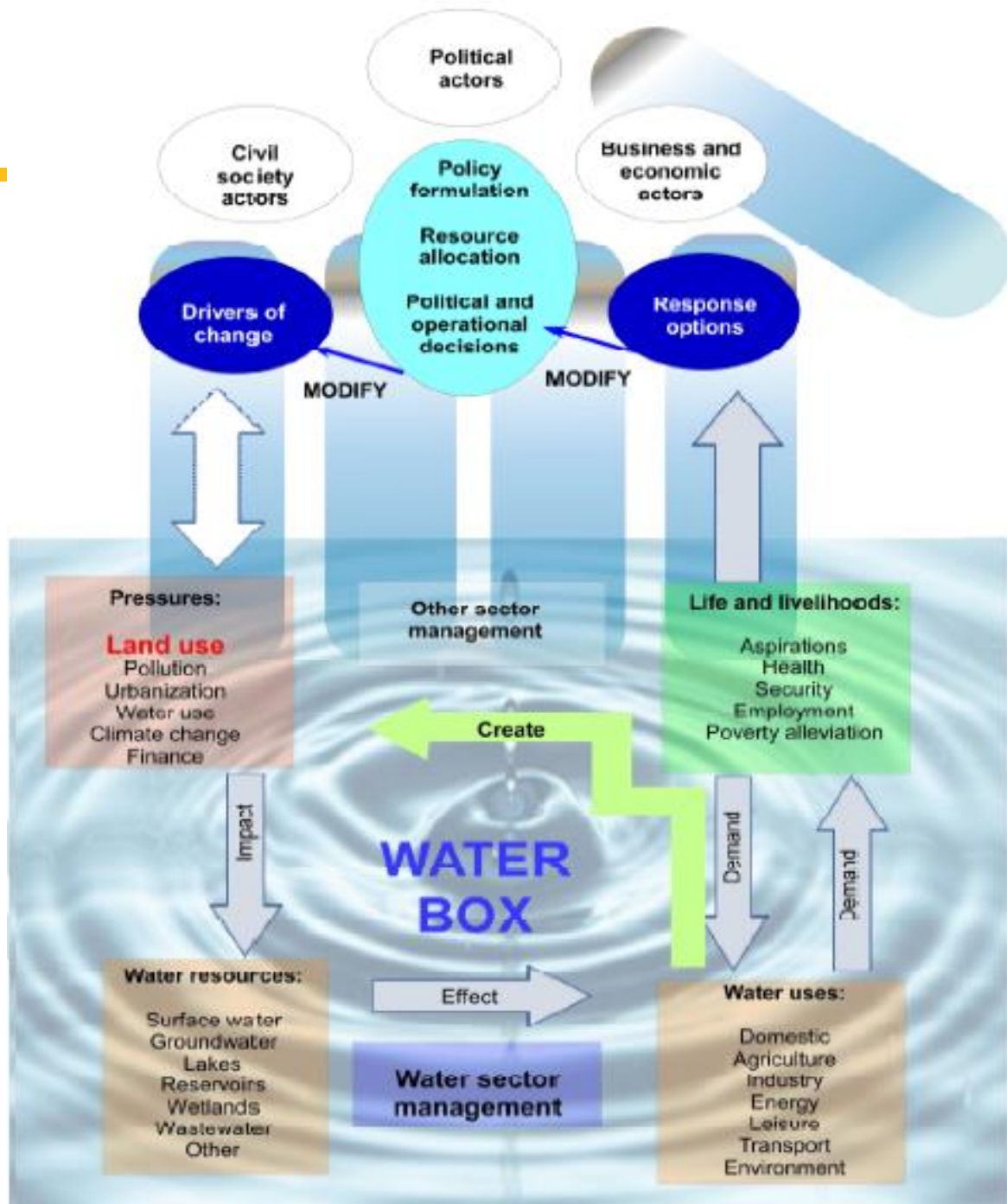
# DPSIR Framework applied to water related land use planning

- Use DPSIR framework in your planning efforts.
- Use ecosystem based thinking when analyzing causal paths within the DPSIR framework.

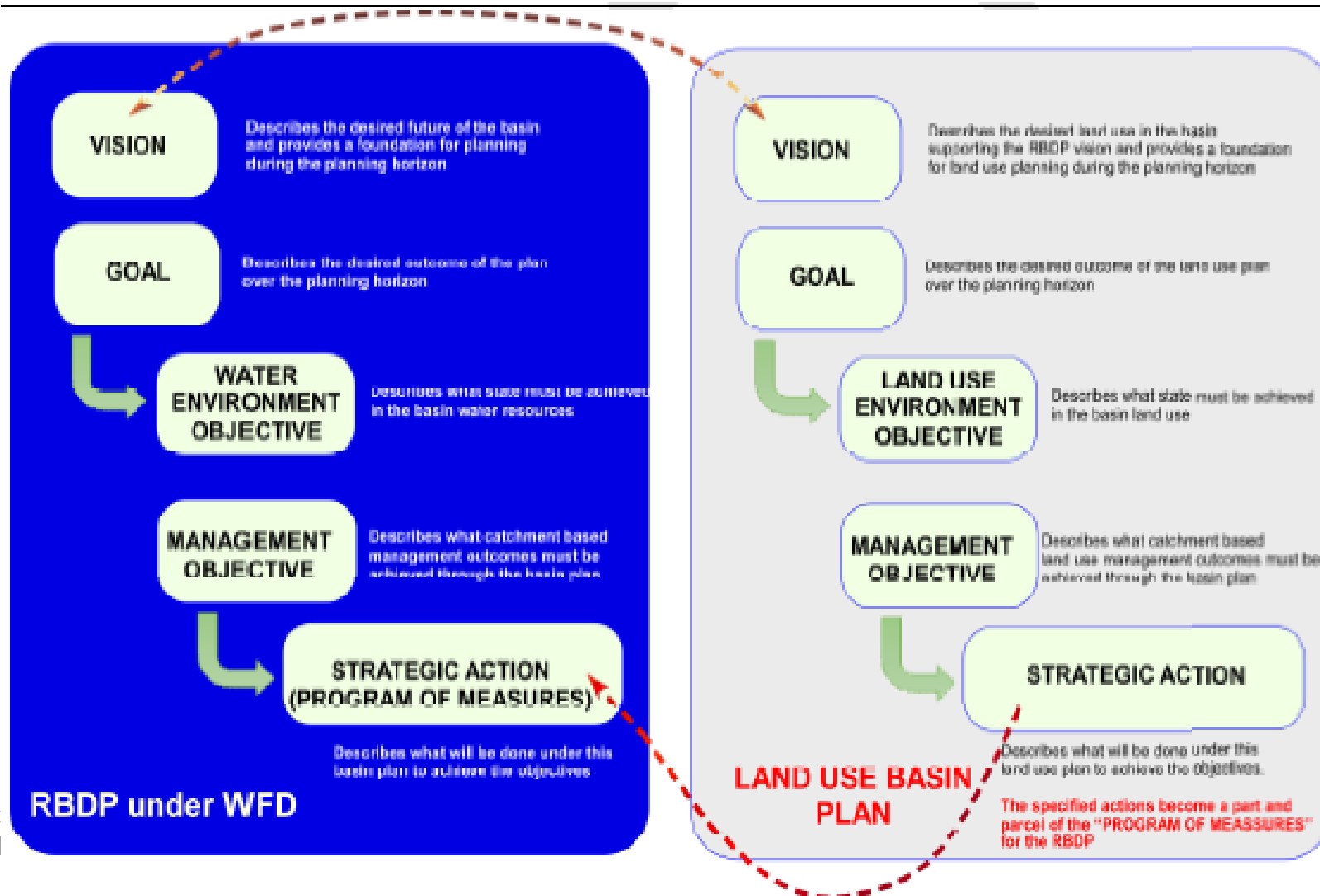




# Decision making affecting water

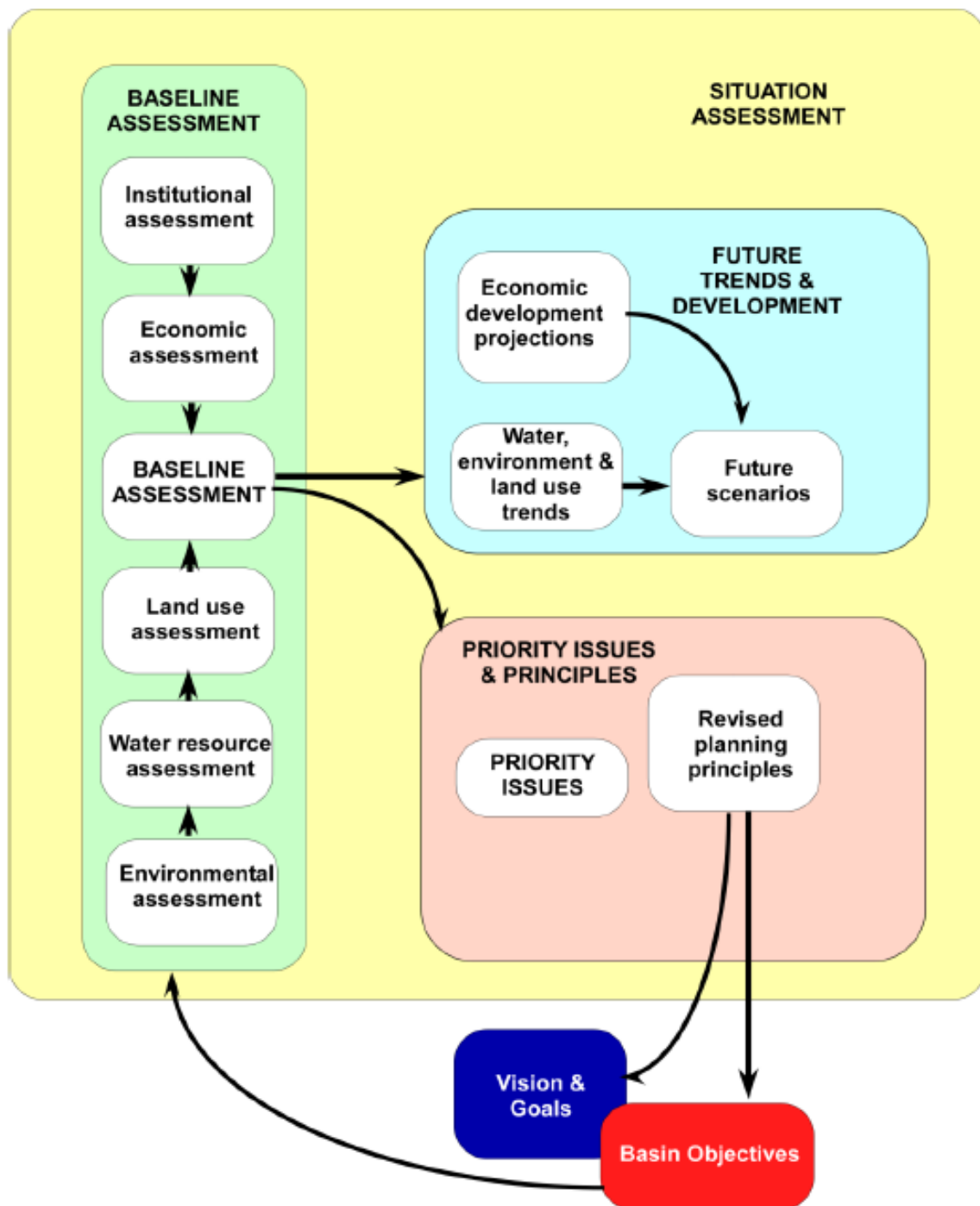


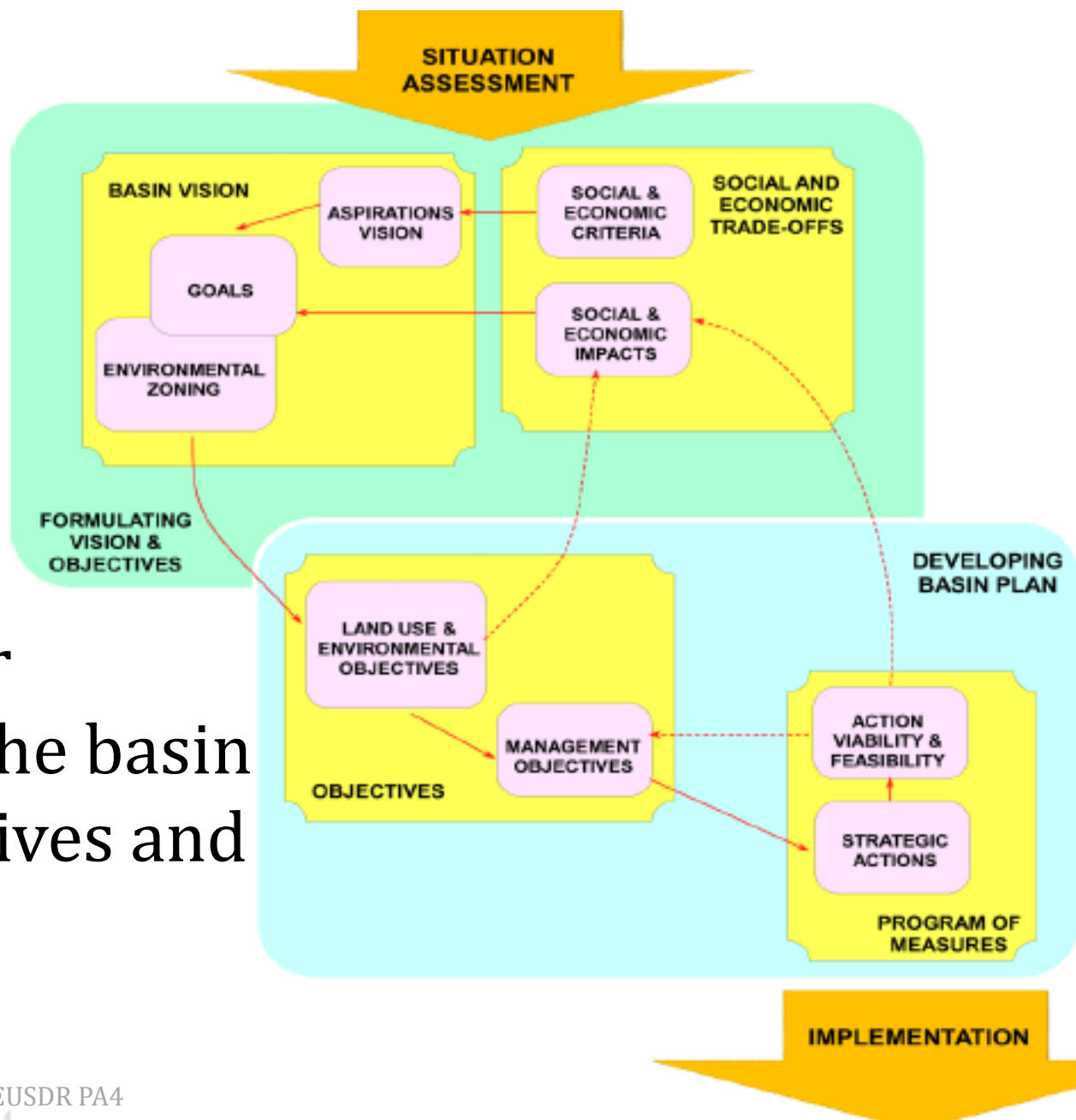
# Hierarchy of vision, goals and objectives





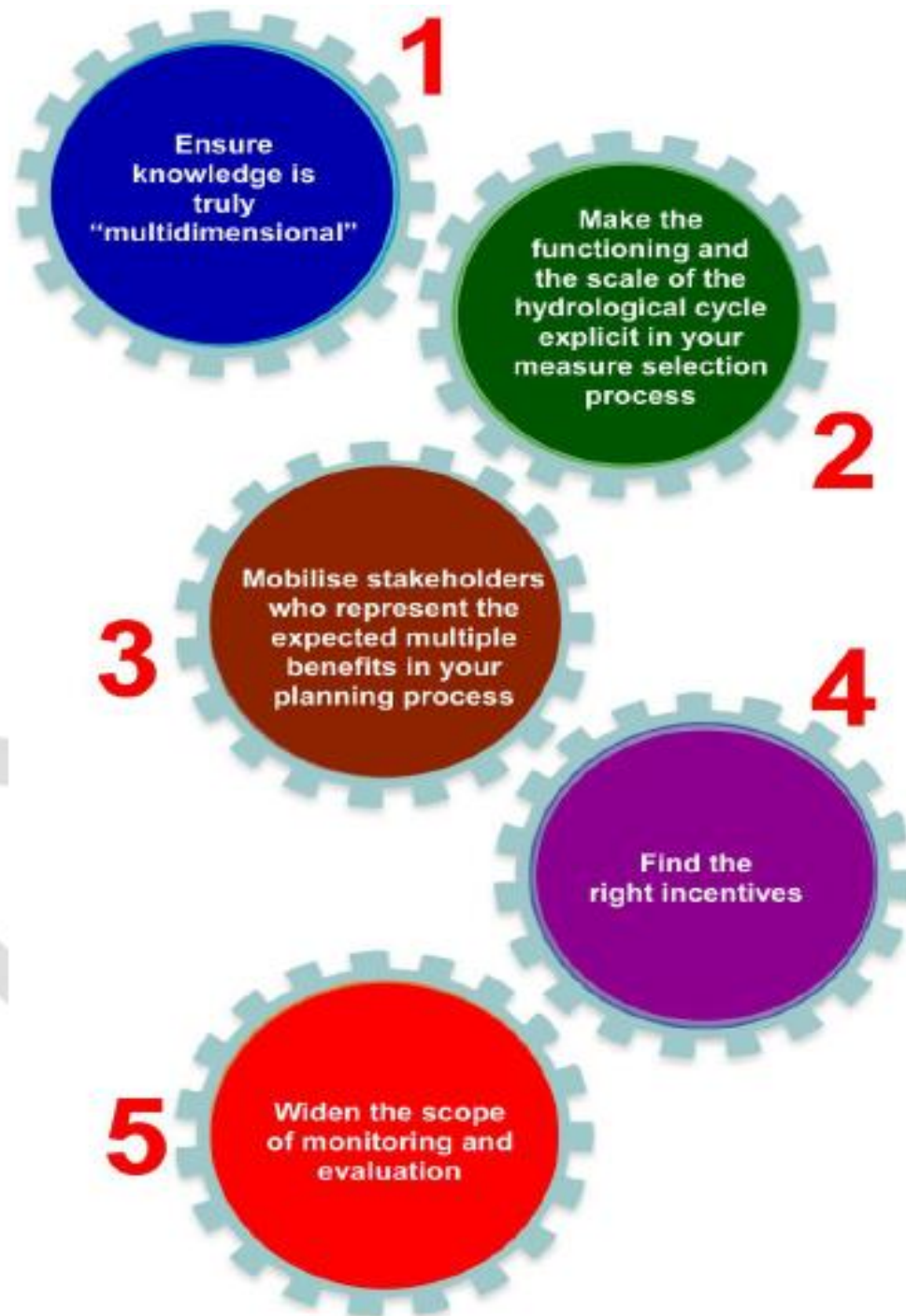
# Situation assessment in water based basin level land use:





# Procedure for formulating the basin vision, objectives and actions

# Preconditions for an effective program of measures



# SAVE the DATE – FINAL CONFERENCE

- Final conference on **June 03rd / 04th, 2019**
  - **Vienna**, hosted by LP
  - Joint conference with INTERREG EUROPE project PROLINE-CE





**THANK YOU FOR YOUR ATTENTION!**



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Special tribute to: Prof. Prvoslav Marjanovic,  
JCI, Belgrade, leader WPT3 in CAMARO-D

 **Federal Ministry  
Republic of Austria**  
Sustainability and Tourism

Project co-funded by the  
European Union funds (ERDF, IPA)

