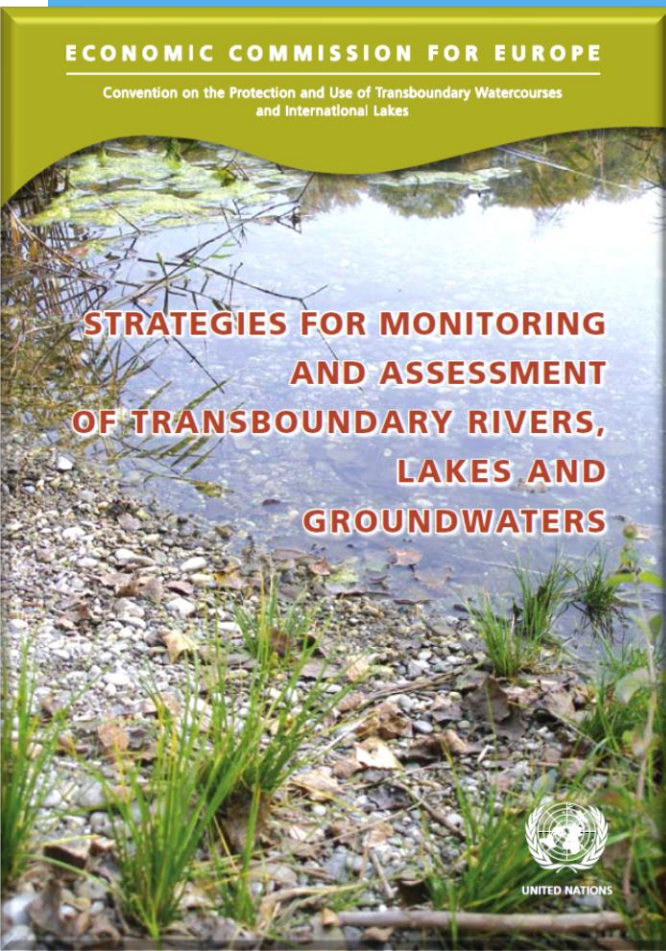


Strategies and guidance for transboundary monitoring and assessment



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Water Convention
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The basis: Monitoring and assessment activities under the Water Convention

- * **Firm basis in the provisions**
 - * Both general obligations and obligations specific to Riparian parties promote sharing of information
 - * Joint monitoring and assessment of transboundary waters for water quantity and quality is a core requirement
 - * Data exchange in transboundary basins among the obligations
- * **Various guidelines on monitoring and assessment** developed in the 1990s and 2000s; tested in pilot projects on both surface waters and groundwaters
- * **Regional assessments:** 1st Assessment of Transboundary Rivers, Lakes and Groundwaters (2007), 2nd Assessment (2011)
- * **Working Group on Monitoring and Assessment**
- * Lately monitoring and assessment has **been integrated into thematic activities**, or has been a **component in projects on the ground**
- * **Reporting under the Water Convention** on cooperation, including in monitoring and information exchange

Obligations for Riparian Parties under the Water Convention

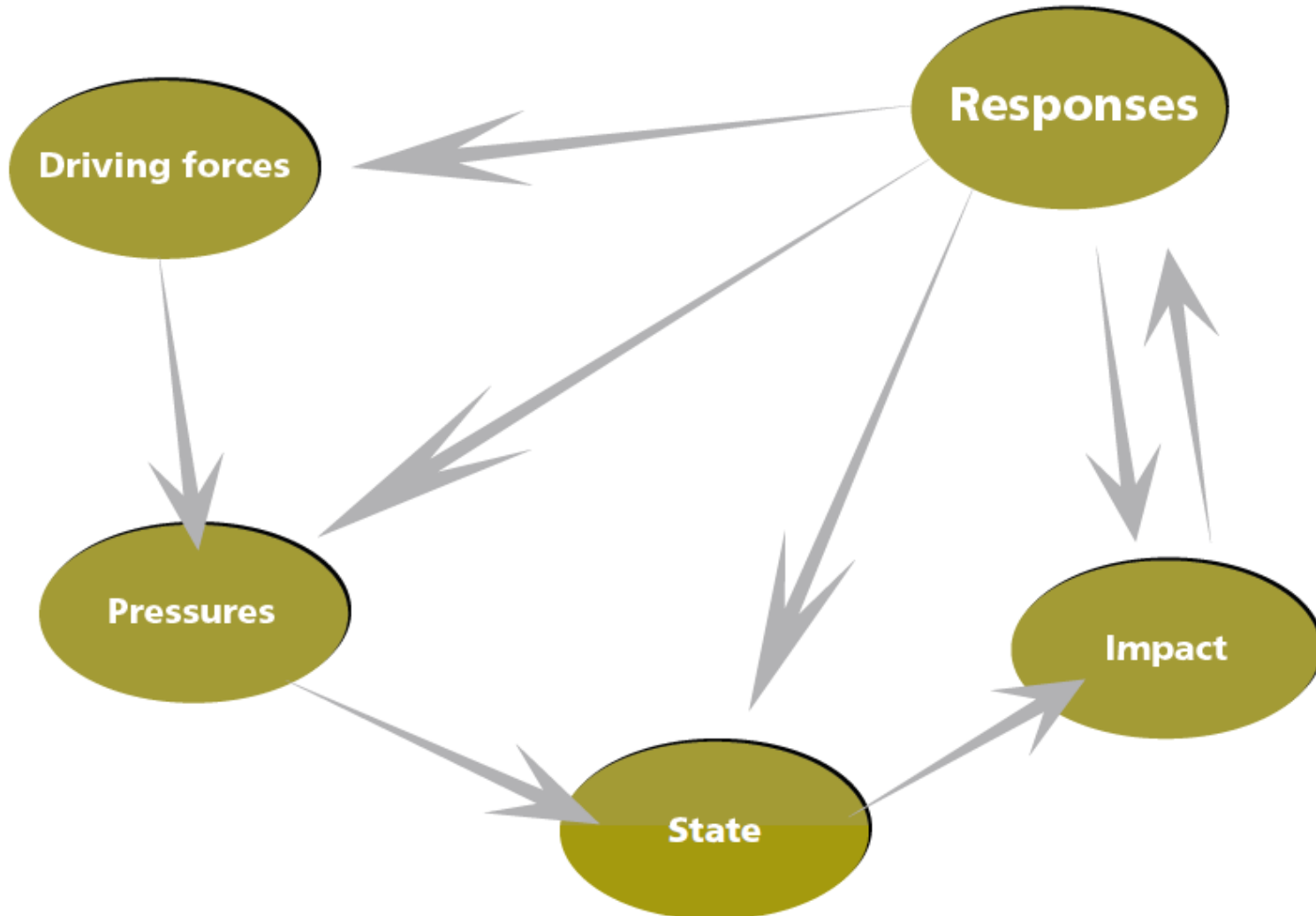
- * Conclude bilateral and multilateral agreements
Cooperate on the basis of IWRM
- * Establish joint bodies (e.g. river commissions)
- * Consult and exchange of information
- * Joint monitoring and assessment
- * Elaborate joint objectives and action programme

=> the Convention supports and reinforces basin level cooperation and implementation of basin agreements

Various guidelines

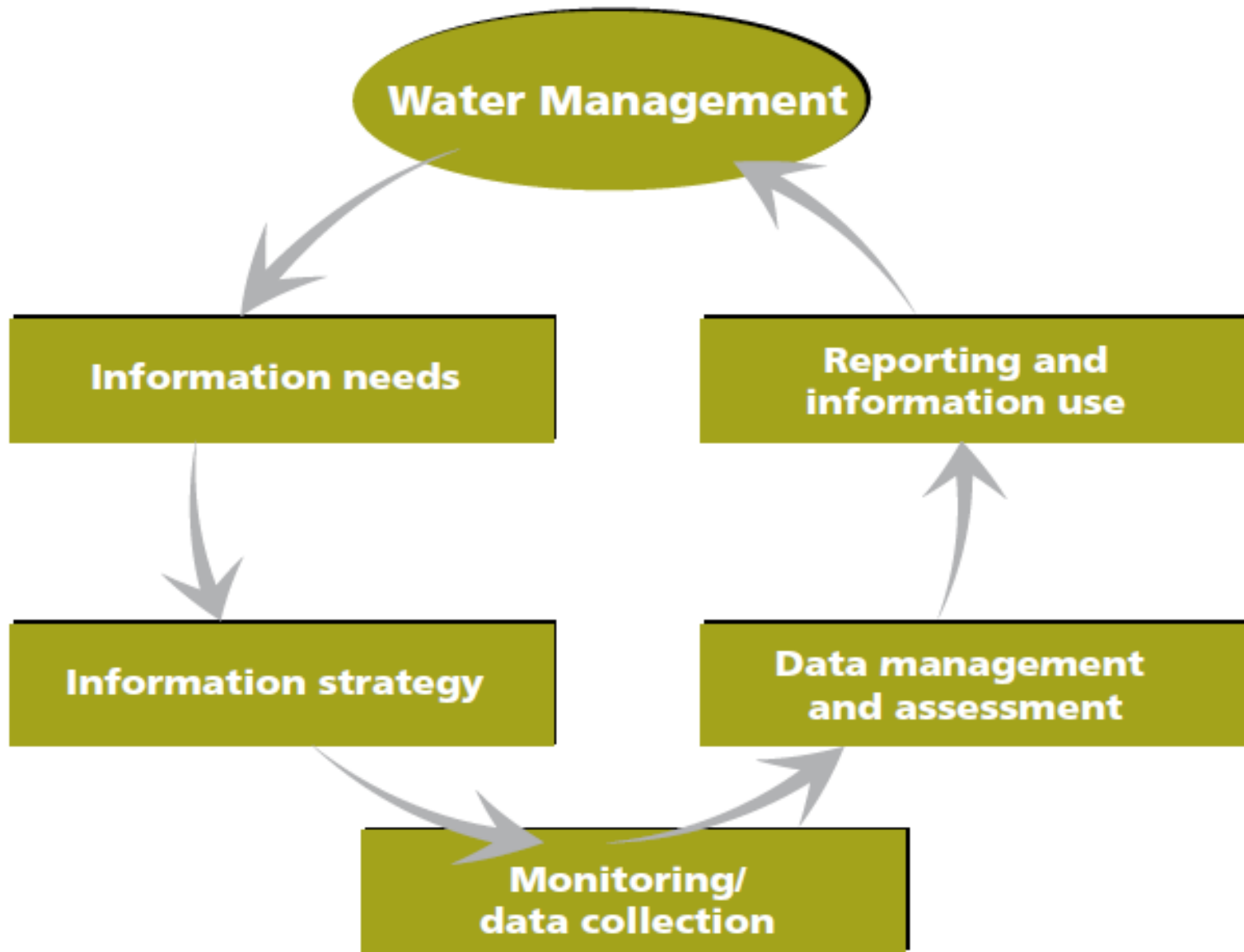
- * [Strategies for Monitoring and Assessment of Transboundary Rivers, Lakes and Groundwaters \(Oct. 2006\)](#) En, Ru
- * [Guidelines on Monitoring and Assessment of Transboundary and International Lakes \(Jan. 2002\)](#) En
 - * Part A: Strategy Document
 - * Part B: Technical Guidelines
 - * Background Paper
- * [Guidelines on Monitoring and Assessment of Transboundary Rivers \(March 2000\)](#) En, Fr, Ru
- * [Guidelines on Monitoring and Assessment of Transboundary Groundwaters \(March 2000\)](#) En, Ru, Sp

Driving Forces–Pressures–State–Impact–Responses (DPSIR) framework

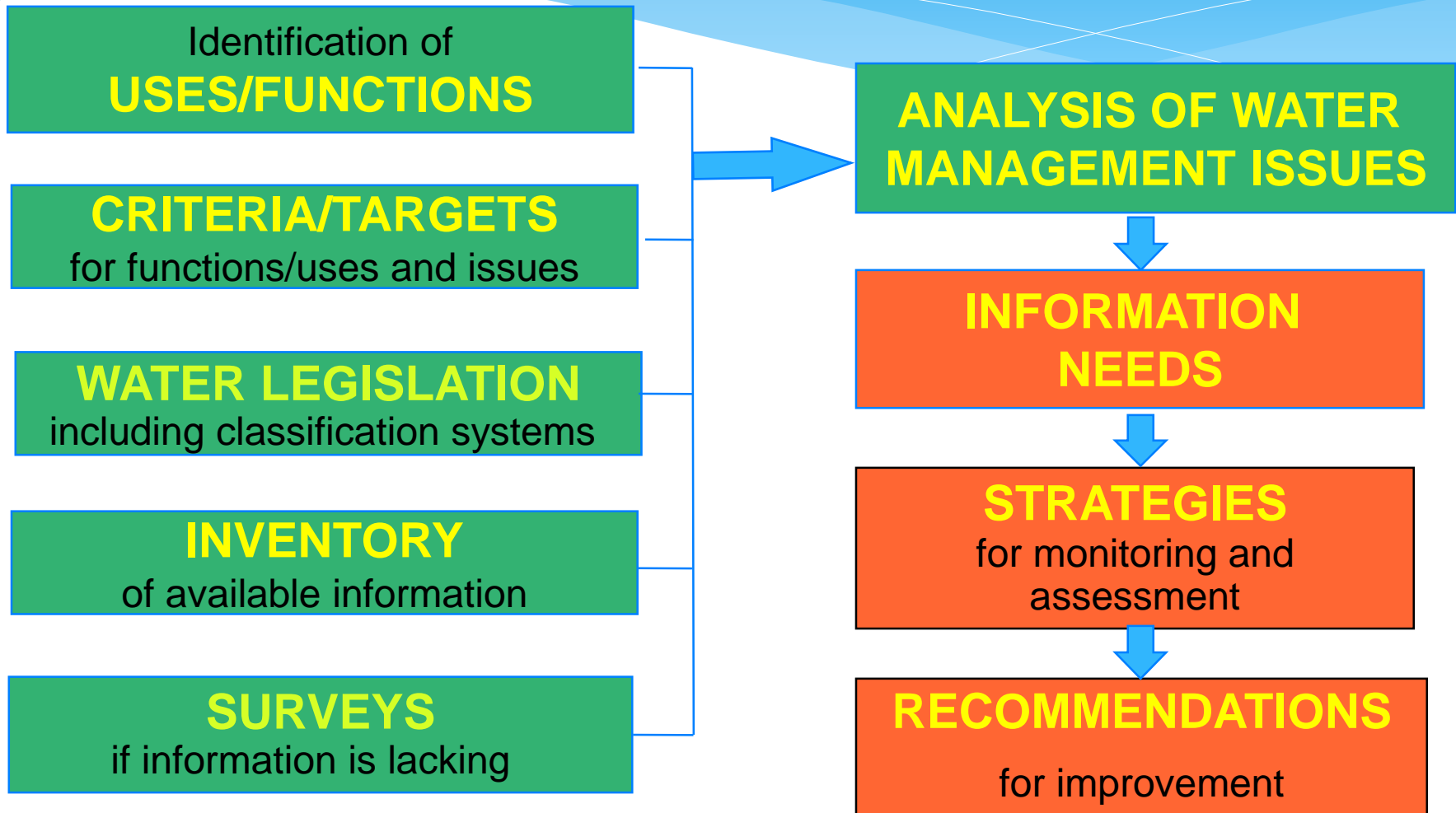


Basic principles

- * Basin approach
- * Integrated approach
 - * quality - quantity - surface water - groundwater
 - * water policy - environmental policy - environmental planning
 - * nature - agriculture - drinking water - rural area - industry – recreation
- * Tailor-made
- * Strategic, not technical



Steps in the river pilot projects



SDG indicator 6.5.2 on transboundary water cooperation

- * **6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate**
- * **Indicator 6.5.2:** Proportion of transboundary basin area with an operational arrangement for water cooperation.
- * **Tier I indicator:** upgrade by IAEG-SDG in December 2018
- * SDG indicator framework adopted by the General Assembly in 2017

- * **What is an ‘operational’ arrangement?**
 - * Treaty, convention, agreement or other formal arrangement
 - * Joint body for transboundary water cooperation
 - * Annual meetings
 - * Annual exchange of data and information
 - * Adoption of joint/co-ordinated water management plan, or joint objectives

Suggested future work 2019-2021:

PA 2 - Supporting monitoring, assessment and information sharing in transboundary basins

2.1 Organize of a global workshop on information exchange and regional events on monitoring and assessment

- a. A global workshop on data and information exchange with partners, develop a substantive background paper.
- b. Two regional capacity building events on monitoring and assessment, responding to specific regional needs.

2.2 Tailored assistance and gathering experience for updating guidance material under the Convention

- a. **Targeted assistance** to cooperation processes through monitoring and assessment work on the basis of demands.
- b. Promoting **exchanges** between countries or basin organizations
- c. Thematic and basin level activities will be used to **collect information on the gaps, updating needs and shortcomings of the existing monitoring guidance** to guide future review (for the next triennium).

Resource requirements: 422,000 USD