

GWP experience in using data for Integrated Water Resource Management and water security

Danube Water Forum; 27 October 2020

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Global Water Partnership Central and Eastern Europe

- **A multi-stakeholder action network and intergovernmental organization**
- **We comprise of 3,000+ partner organizations in over 180 countries**
- **A long-time advocate for integrated water resources management**

OUR MISSION

To advance governance and management of water resources for sustainable and equitable development

OUR VALUES

- Inclusiveness
- Openness
- Transparency
- Accountability
- Respect
- Gender sensitivity
- Solidarity

Integrated Water Resource Management

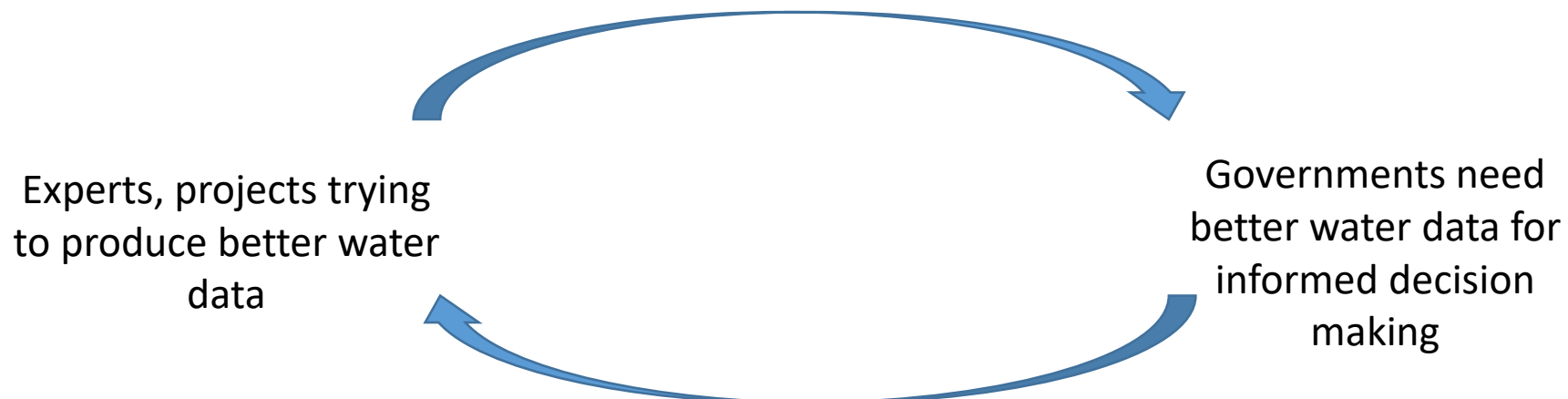
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cross-sectoral policy approach

Importance of data for IWRM:

- a solid data base is needed for evidence-based decisions in water management
- data has to come from a variety of sectors (many different users of water)
- data has to be shared among sectors – to help with cross-sectoral decision making.

How to make that connection between supply and demand at a greater scale?



GWP experiences with data for IWRM

We do not directly collect or use the data, but we do:

- facilitate data exchange between different sectoral institutions
- use databases as a support for decision-making
- using integrated information system for water resource management discussions

Sharing water-related information should be done by and for all water users for more informed decision making!
Yes, but how?

GWP experiences with data for IWRM

- Using databases and information for facilitating discussion to define priority points for IWRM - SDG6 IWRM Support Programme
- Offering place to share and collect, connect different databases, information – GWP Toolbox
- Databases and collection for supporting decision-making processes – DroughtWatch
- Data as integral part for the Decision-Support Systems - FramWat



SDG6 IWRM Support Programme

Support across the 3 stages of SDG implementation:



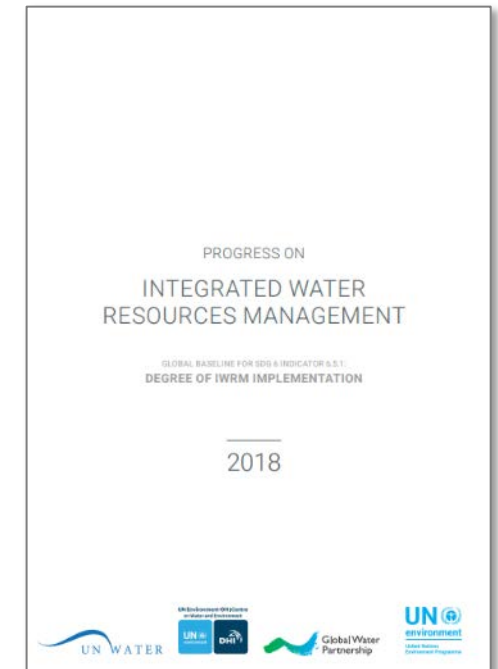
In collaboration with



SDG 6.5.1 workshops to collect baseline data, identify priority points for IWRM implementation

- (2017 – 2018) - GWP convened 36 workshops to collect the official country data for 6.5.1.
- (2020) Reporting in 2020 – ongoing in up to 60 countries - in the CEE region covering Bulgaria, Moldova, Slovenia. Other support to Hungary and Slovakia

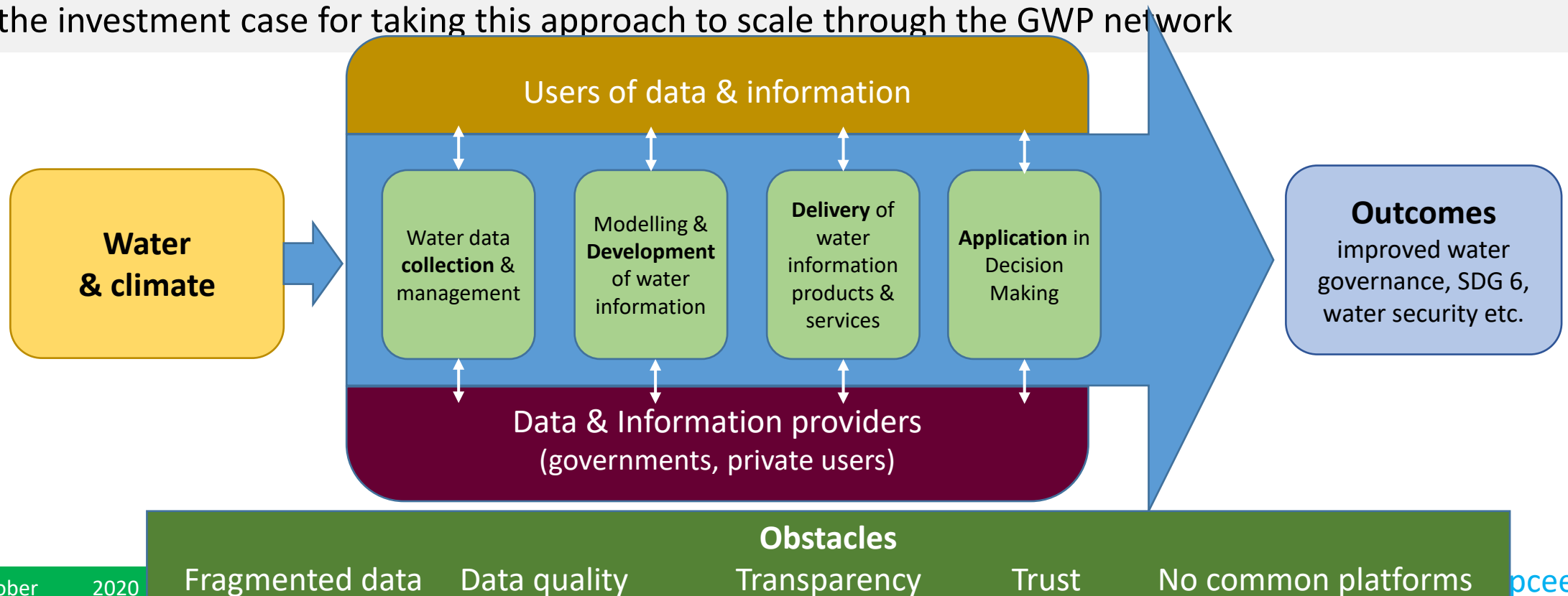
49% of countries report short-term or limited coverage of water data and information sharing across users and parts of the country



Water Information Sharing Exchange (WISE)

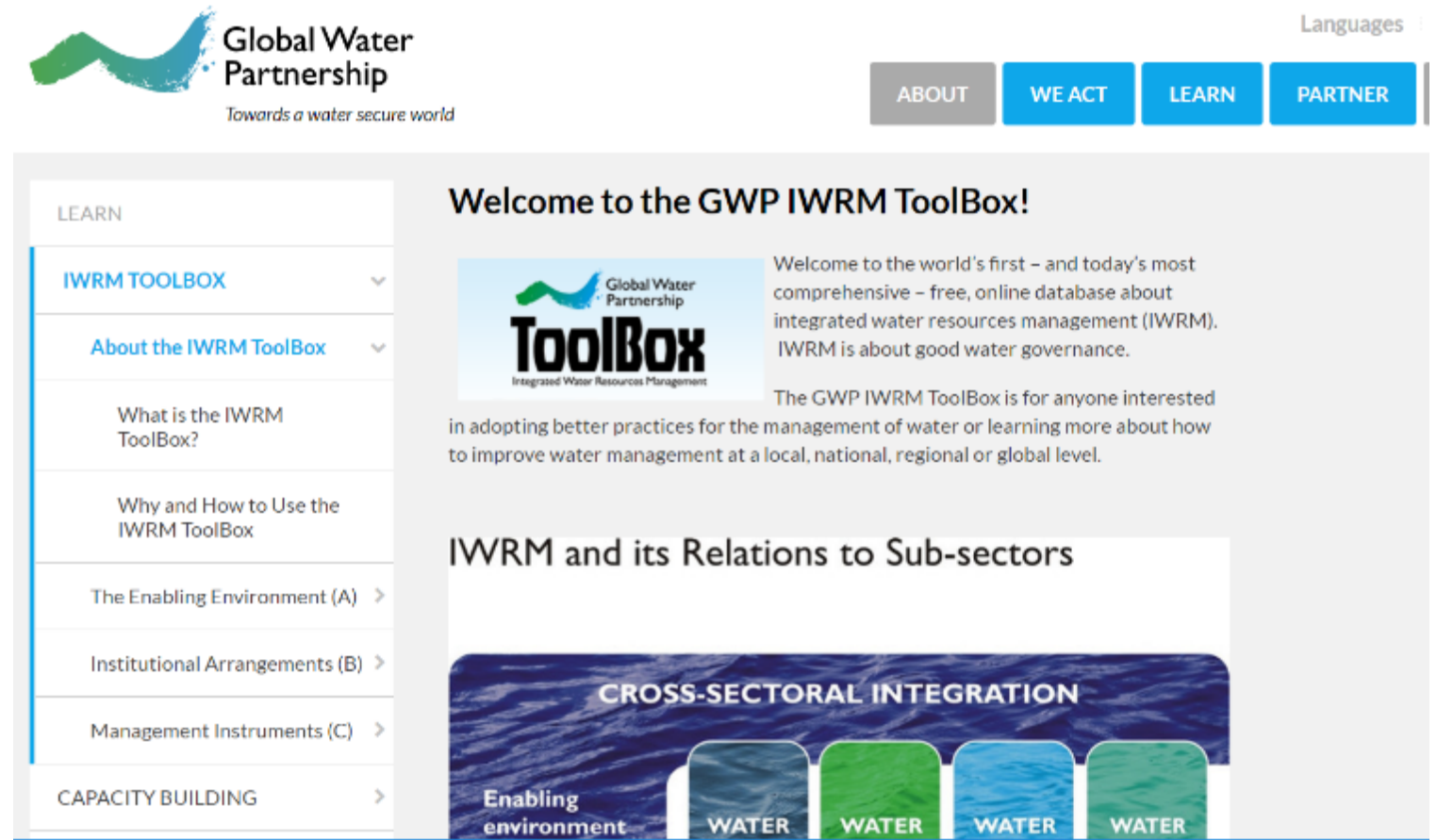
Objectives:

- Overcome barriers to multi-sector water data sharing (public sector, private sector, academia, civil society)
- Pilot the approach in 5 countries that have identified the need to improve water data through SDG 6.5.1
- Improve water-related decision-making and measurably advance on those countries' SDG performance
- Make the investment case for taking this approach to scale through the GWP network



GWP IWRM ToolBox

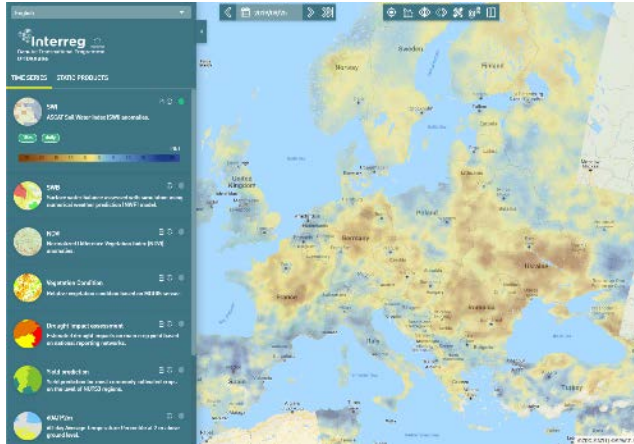
- Tools help the user understand the concepts of integrated water resources management
- Contains a library of case studies and references on how to apply an integrated approach
- In 2021 will be redesigned to develop from a knowledge repository to an action hub, which will host different communities
- www.gwptoolbox.org



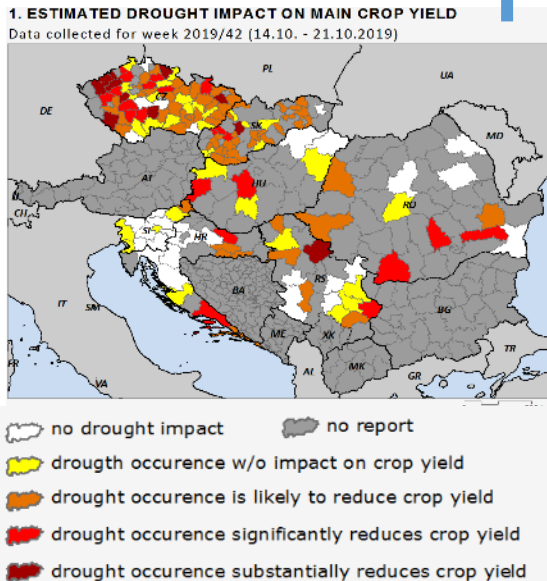
The screenshot shows the GWP IWRM ToolBox website. At the top left is the GWP logo with the tagline "Towards a water secure world". On the top right, there are navigation buttons for "ABOUT", "WE ACT", "LEARN", and "PARTNER", along with a "Languages" link. A left sidebar menu is visible under the heading "LEARN", with "IWRM TOOLBOX" selected. Below it are links for "About the IWRM ToolBox", "What is the IWRM ToolBox?", "Why and How to Use the IWRM ToolBox", "The Enabling Environment (A)", "Institutional Arrangements (B)", "Management Instruments (C)", and "CAPACITY BUILDING". The main content area features a "Welcome to the GWP IWRM ToolBox!" message, a "ToolBox" logo, and a description of the database. Below this is a section titled "IWRM and its Relations to Sub-sectors" with a diagram showing "CROSS-SECTORAL INTEGRATION" and "Enabling environment" leading to four "WATER" boxes.

DroughtWatch tool (IDMP CEE, DriDanube)

www.droughtwatch.eu

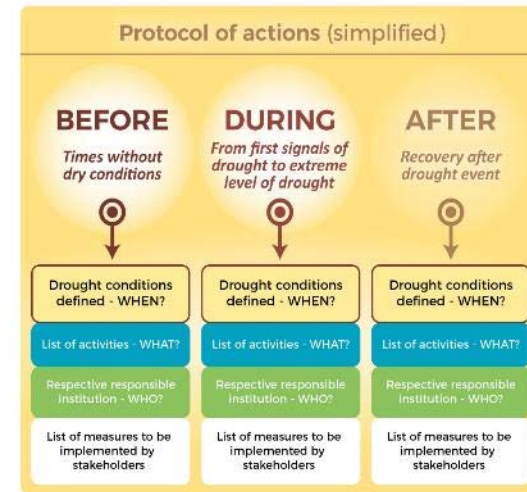
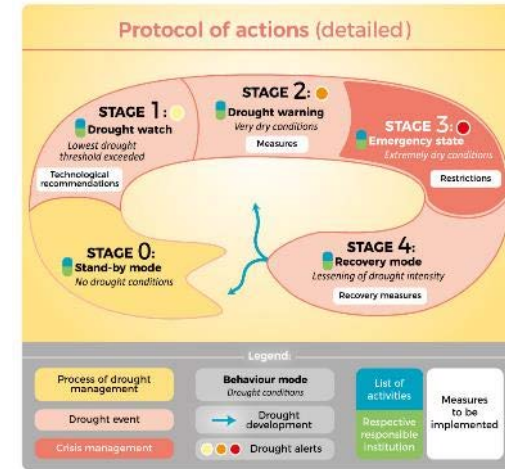


Web-based interactive tool for real-time drought monitoring through different drought indices.



Near-real-time observations of drought impacts by more than 1000 drought impact reporters in the region

support for the implementation of proactive drought management in countries



Planning Natural and Small Water Retention Measures in the river basin *(FramWat Project)*



Characteristic	Unit
Character of catchment	
Middle and lower part: lowland: highly urbanized	
Catchment size:	km ²
Average flow low/avg/high*	m ³ /s
Extreme flow low/high*	m ³ /s
Annual precipitation low/avg/high**	mm
Annual air temperature min/avg/max **	9C
Agriculture area	%
Urban area	%
Forest area	%
Open Water area	%
Flooded area (1/100 years)	km ²
Artificial drainage area	km ²

DATA!

Decision Support System for Planning of Natural (Small) Water Retention Measures

planning.waterretention.sggw.pl

Lessons learned

- Data / databases are fundamental to water resources assessment and management
- Cross-sectoral collaboration and data from different organization is essential to obtain the broad knowledge base needed for IWRM approaches
- Trust between partners to share what is in their domain
- Access should be done in a systematic way to make data collected with public funds to be available in the public domain

GWP CEE Position Paper

Green Recovery in
Central and Eastern
Europe from a
Water Perspective

Coming soon!

Thank you for
your attention!

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