

6TH W O R L D W A T E R F O R U M

FFEM project

“Capacity building in data administration for assessing transboundary water resources in the countries of Eastern Europe, the Caucasus and Central Asia (EECCA)”



TIME FOR SOLUTIONS

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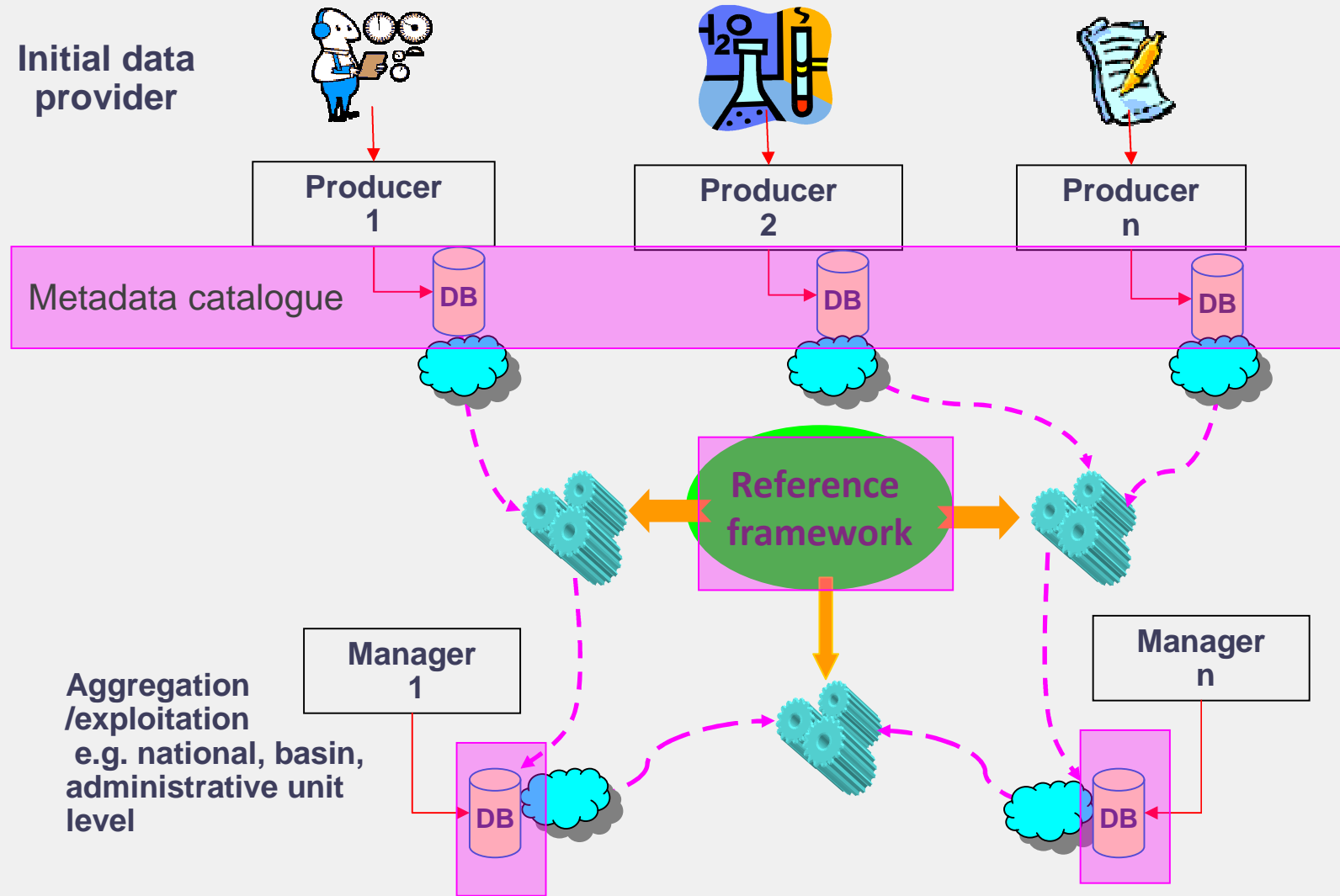
Data and Information management => a key issue to develop water management

- **Easy access to information on the status and evolution of water resources and uses is one of the keys to a successful water policy.**
- **Water resource managers need reliable, up-to-date and relevant information for many uses such as regulations, planning, operating management, risk management and public information.**
- **The needs are different following the actors and their level of action (different type of information, different level of aggregation for regional/national or local decision, ...)**

General context related to information management

- *Most of the necessary data is produced at national level by various organizations*
- *Difficulties in identifying and acceding to the data*
- *The necessary information exists usually in a fragmented, incomplete dispersed and heterogeneous way*
 - Lack of clear production processes
 - Lack of traceability (no metadata)
 - Discontinuity in monitoring over time or geographically
 - Data not always digitized
- *Lack of access to data and information adapted to the needs*
 - => need efforts to rationalize and make this information readable, easily accessible and available

Example of global scenario for data exchanges



FFEM-EECCA project characteristics

- **Title: “Capacity building in data administration for assessing transboundary water resources in the countries of Eastern Europe, the Caucasus and Central Asia (EECCA)”**
- **Developed in collaboration with the secretariat of the “Convention on the Protection and Use of Transboundary Watercourses and International Lakes”/ UNECE**
- **Location: 2 levels of implementation**
 - **Transboundary basins**
 - > **Dniester basin** (Moldova, Ukraine)
 - > **Aral sea basin** (Afghanistan, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan)
 - **Regional (EECCA countries)**
- **Project management**
 - **Funding: FFEM (French Global Environmental Fund)**
 - **Steering : FFEM/ French Ministry of Ecology/ Secretariat of the water convention (UNECE)/ IWAC (International Water Assessment Center)**
 - **Mandated beneficiary: HIS (Slovak Institute of Meteorology)/IWAC**
 - **Technical assistance: IOWater (International Office for Water / France)**

Main phases of the project at basin level

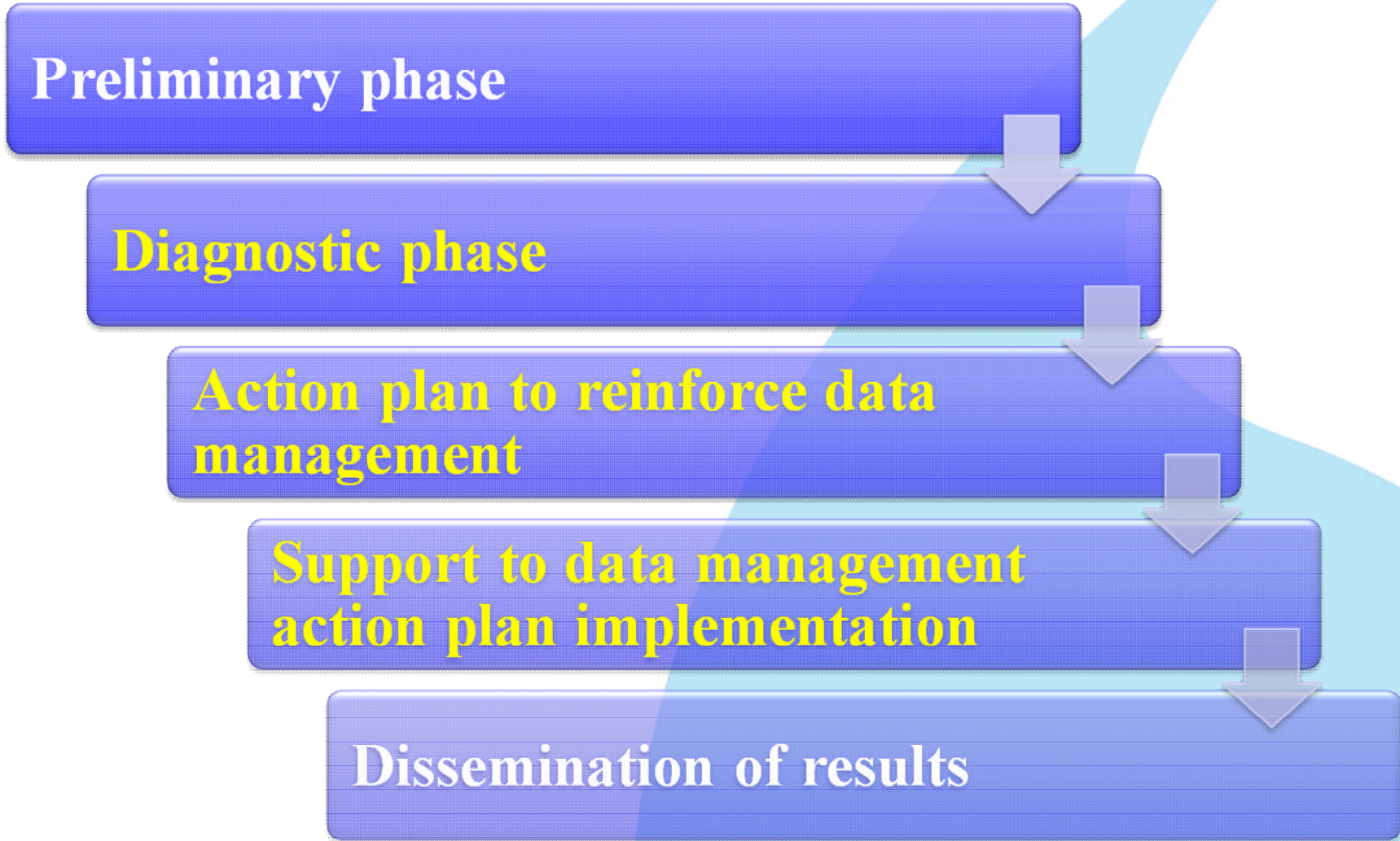
Preliminary phase

Diagnostic phase

Action plan to reinforce data management

Support to data management action plan implementation

Dissemination of results



Diagnostic of the existing situation

Legislative and institutional context of data management including on line database of actors

Data source analysis:

Collaborative inventory of existing data and information (digitized and on paper) => Online catalogue data of source

Diagrams of data flow:

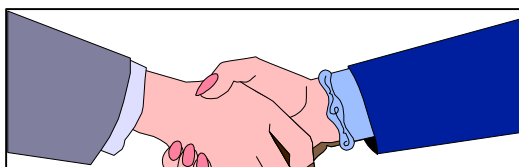
Identification of main regular data flows between institutions per topics

Survey and analysis of partners needs in data , services related to data management , tools, equipment , and training

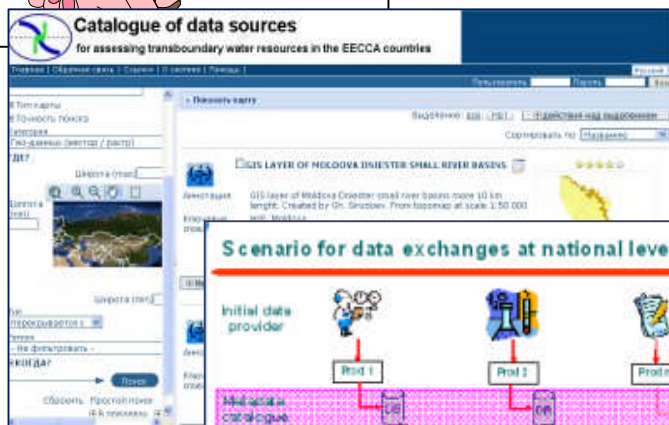
The collage consists of three main components:

- Top Left:** A screenshot of a website titled "Catalogue of data sources for assessing transboundary water resources in the EECCA countries". It features a search bar, a list of data sources, and a table with columns for Country Code, Name of Organisation, Address, Tel., Website, and Call Activity.
- Top Right:** A screenshot of a search results page from the same website, showing a list of search results with details like title, description, and keywords.
- Bottom Left:** A complex "DATA FLOW DIAGRAM / CENTRAL ASIA - KAZAKHISTAN LEVEL / Topic: Surface water quantity monitoring". It is a network diagram showing various institutions (like UNICEF, WAC, ECAP, etc.) and their interactions with a central "Data Management" node.
- Bottom Right:** A screenshot of a questionnaire form titled "FFEM-EECCA PROJECT QUESTIONNAIRE ON NEEDS RELATED TO WATER DATA ADMINISTRATION". It includes sections for "IDENTIFICATION OF THE ORGANISATION" and fields for "COUNTRY", "NAME", "FIRST NAME", "E-mail", and "Position".

Examples of outputs at national and transboundary level



- Developing agreements and procedures to reinforce shared water data management, looking for win/win relations



- Diagnostic including collaborative on line catalogue of data sources (national and basin and local level)

-Reinforcing the information systems of the partners and developing data exchange scenarios following needs



-New tools and new outputs facilitating access to useful information for decision making in water management (Web mapping, bulletins of information, ...)



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MERCI/ THANK YOU

For more information on the FFEM-EECCA project

<http://www.aquacoope.org/ffem-eecca>

worldwaterforum6.org

