

FFEM-EECCA PROJECT

STRENGTHENING CAPACITY FOR DATA ADMINISTRATION AND EXCHANGE FOR MONITORING AND ASSESSMENT OF TRANSBOUNDARY WATER RESOURCES IN EASTERN EUROPE, CAUCASUS AND CENTRAL ASIA

Presenter

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1. Rationale and background of the FFEM-EECCA project

- *Project concept developed with the “Working Group on Monitoring and Assessment” of the water convention for:*
 - *Reinforcing the information exchange (Conv. Art.6, Art.13)*
 - *Facilitating the joint water assessment (Conv. Art.11)*
- *Objective: Study how water data management could be reinforced in order to facilitate transboundary basins water management and joint assessments*
- *Steering committee: FFEM (French GEF= funding organization) / French Ministry of Ecology/ Secretariat of the Water Convention/ IWAC*
 - *Mandated beneficiary: HIS/IWAC (Slovakia)*
 - *Technical assistance: IOWater (France)*



2. Main activities of the FFEM-EECCA project

- *Activities launched on 2 pilot transboundary basins:*
 - *On the Aral Sea basin in collaboration with EC-IFAS (Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan)*
 - *On the Dniester basin (Moldova, Ukraine) in collaboration with the UNECE Dniester III project*
- with
- *Support to the **diagnostic of the present situation** related to water data management at national and regional level*
 - *Pilot activities enhancing data management through the development of new data sharing scenario, tools, procedures and later development of guidance based on the results obtained in the 2 pilot transboundary basins (planned in 2013)*



3a. Main outputs of the diagnostic phase

- **National workshops in 6 countries** with participation of the main national data producers, and restitution in regional meetings
- **Online database of actors** producing/using water related data/information
- **On line catalogue of data sources** (metadata) updated with/by the data producers
- **Data flow diagrams** describing who exchange what with who (developed with/by the partners during the workshops)
- **Survey and analysis of the needs** of the partners concerning water data management

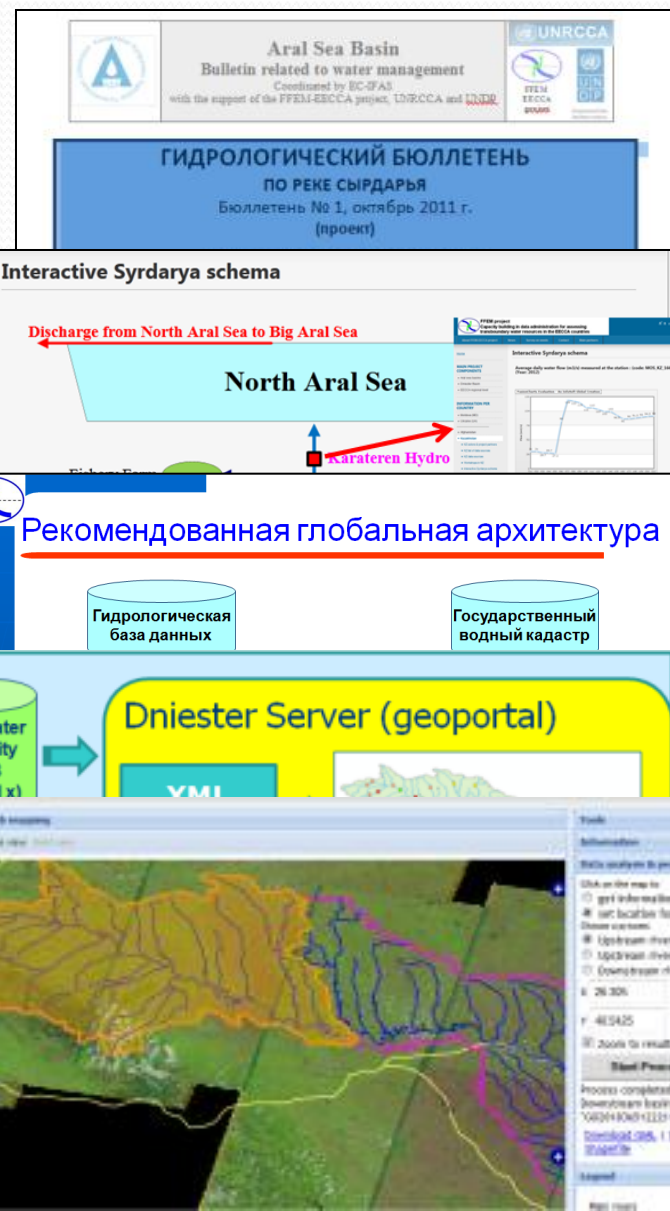


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3b. First outputs of pilot activities reinforcing data management

- Prototype of a regional **hydrological bulletin** on the Syrdarya basin
- On line **interactive water scheme** on the KZ part of the Syrdarya giving access on the last water level/flow collected/sent by the partners (Hydromet, KazVodhoz, Emergency service)
- Support to **conceptual study of national water information systems** in Tajikistan
- On line **web mapping of surface water quality index** automatically processed and updated by the partners in Moldova (Hydromet) and Ukraine (BUVR) – (draft results)
- **First water Web Processing Services** generating new geographic information useful for water management (ex: calculation of upstream basin up to one point)



4. Lessons learnt for future work

- **Exchange of comparable data/information** between countries need to be reinforced for transboundary water management
- **Many datasets exist but** not digitized/ not quality controlled/ not shared and **under used** even at national level
- **Reinforcing the capacities of each country to manage their own data is recommended** (most data produced at national level)
- **Common regional definitions/procedure/datasets** would help to develop the exchange of comparable data
- **Sustainable scenarios of data exchange** can be implemented at national and regional **with the participation of the data producers**
- **Human resources and capacities on data management need to be reinforced** at all level (producer/national/regional)



5. Recommendations for future works

- To include specific **data component** in all transboundary water management agreements and action plan
- To develop **regional referential datasets** (such as Ecrin) for the whole EECCA region
- To support countries in developing their own **national water information system** (applying SEIS principle)
- To support the **implementation of new regular data exchange and information production process** answering to the needs for transboundary water management
- To develop **training programs on water data management**



Thanks for you attention

**For more information on the
FFEM-EECCA project**

please see the project web portal

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



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