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Міністерство
захисту довкілля
та природних ресурсів
України

EU4ENVIRONMENT WATER AND DATA NATIONAL POLICY DIALOGUE – UKRAINE

THEMATIC SESSION 3: PROGRESS ON THE RIVER BASIN MANAGEMENT PLANNING AND DEVELOPMENT OF THE RIVER BASIN COUNCILS

19 June 2024

Implementing partners

umweltbundesamt
ENVIRONMENT AGENCY AUSTRIA

 Austrian
Development
Agency

 **OiEau**
International Office
for Water

 **OECD**
BETTER POLICIES FOR BETTER LIVES

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RENAISSANCE



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OiEau 2024

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PROGRAMME SUPPORT FROM 1 TO 9 RIVER BASIN DISTRICTS (RBD)

- . Financial and methodological support to prepare the first generation of 9 River Basin Management Plans (RBMPs) incl. Atlas and 9 Strategic Environmental Assessments (SEAs) for the period 2025-2030
- . 2 public consultations for each RBD
- . 9 Guidance documents

FINALIZATION of all 9 RBMPs

- Additional financial support to cover extra work of the UA expert team for **8 other RBMPs**
- **Review of all 9 RBMPs** in January 2024 (*surface and groundwater chapters*) -> guidance for further improvement and adjustments towards WFD compliance; 2nd review ongoing





KEY FINDINGS

- Process and outline in accordance with Cabinet of Ministers of Ukraine Decree N°336 and European Water Framework Directive (Annex 7)
- 2nd Public consultations: 14 meetings, 680 participants, 160 comments
- Delineation of 9000 Surface Water Bodies SWBs and 200 Groundwater Bodies GWBs : 1 SWB/66 km², 1 GWB/3500 km² (respectively 40 and 330 in the EU)
- 11 billion m³ abstracted per year for uses: 340 m³/s or 270 m³/inhabitant/year
- Cost recovery for 7 to 30%
- 1600 measures identified, 336 billion UAH: 1400 UAH/inhabitant/year or 30 UAH/m³ abstracted. 96% to reduce pollution, 3,6% to improve hydromorphology of the rivers

Then: adoption of the RBMPs and implementation of their measures



WATER MONITORING

- **Proficiency test on biological** taxonomic analyses (macrozobenthos): excellent result by CGO!
- Support to **determine Nitrate-vulnerable Zones (NVZ)**: approved UA method but lack of data -> new proposal of using a stepwise process by "*whole territory approach*" -> review in next RBMP cycle on base of more data: text now provided in the reviewed 9 RBMPs
- **Training on Data Analysis** on 28-29 May 2024 in Vienna: statistical tools and software applications for evaluating and interpreting analyzed data as required
- Biological **microscopy**: Naphrax liquid delivered to CGO lab for phytobentos determination

Monitoring and assessment of **TRANSBOUNDARY WATERS**:

- On hold due to war in UA and to limited laboratory capacities.
- Support of **trilateral MoU for Prut Basin** (Oct 2023): review of draft ToR for the new *Prut Working Group* under ICPDR



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WATER MONITORING - LABORATORY

- **Regional trainings** on new equipment GC MS/MS and WFD methods with lab exerts from AM, AZ, GE, MD & UA:
 - In Aug 2023 in Tbilisi to determine polycyclic aromatic hydrocarbons (PAH) and organochlorine pesticides in water
 - In Oct 2023 in Baku on VOCs and on alkyl phenols
 - Planned 5th training in Q3/2024 in Chisinau on phtalates
- Success: the reference lab of the Northern Basin in Vyshgorod was **accredited** in Jan. 2024 for wide set of parameters
- Participation in **proficiency testing** (highly relevant for ISO 17025 accreditation) was not possible to date (mainly import restrictions)
- Frequent power cuts impact the use of equipment: *emergency mode* (no GC operating, limits to various analyses).



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WATER MONITORING – COVID-19 WASTEWATER MONITORING

Introduce the new EU standard of WW-based epidemiology: *early detection, representative, low cost*

- Close coordination with PATH (US-supported): started in Nov. 2022 to establish and extend continuous monitoring: **covers all 18 UA regions**
- Currently 80 sampling sites with bi-weekly sampling: most in EaP region!
- draft order on approving a ***Procedure for Epidemiological Surveillance of Pathogens of Infectious Diseases in Household Wastewater*** was submitted to the Ukrainian Public Health Center (UPHC) → official legal framework

Next steps and milestones in 2024:

- **Transfer of 1-2 autosamplers** (*donation by the City of Vienna*) to facilitate mobile sampling: potential recipients = WWTPs in Kryvyi Rig and Lviv
- Further support for normalization of wastewater results - as requested



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DEVELOPING WATER ACCOUNTS

- **Water accounts is linking hydrological information alongside economic information in a consistent way**
- **Preparation and capacity building**
 - Introduction in May 2022 and training in March 2023;
 - Experience exchange at regional joint workshop in May 2024 in Tbilisi
- **Test filling of Physical Supply and Use Tables (PSUT)**
 - Successful test fill in 2023 with data from UNSD Joint Questionnaire
 - Summer 2024: recommended **further work** to document existing data sources and flows and assess their usability for PSUT **validation and gap filling** with experts from UA Statistics.
- **Report results**
 - Option of infographic with the existing data in Summer 2024

→ This is an opportunity to **improve thematic reliability of statistics** in support to decision-making, and better visibility of statistics data on UA water.



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TRANSBOUNDARY COOPERATION



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THE DNIESTER

Support to the Dniester Commission:

- * 4th meeting of the Dniester Commission (Nov 2023)
- * planned support to the meetings of WG on RBMP and WG on Information and Data – autumn 2024

New address of the Dniester Commission website: www.dniester-commission.org

The GEF project [Advancing transboundary co-operation and Integrated Water Resources Management in the Dniester River Basin through implementation of the Strategic Action Programme \(SAP\) | GEF \(thegef.org\)](#) approved on 19 December 2023



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THE PRUT

Trilateral Prut Declaration signed by the Moldova, Romania and Ukraine on 23 October 2023

Next steps:

1. **Terms of reference** for an ICPDR Prut WG developed
2. Provide to ICPDR **harmonised information on the Prut** as for other important Danube sub-basin
3. Develop a **roof report** for a better overall vision of international water issues and increase cooperation and synergies on the ground
4. Increase ad hoc task group **activities between practitioners** to improve targeted transboundary management issues



*Done by UNECE, OiEau and UBA



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10th session

Meeting of the Parties to the Water Convention

23-25 OCTOBER 2024 | LJUBLJANA | SLOVENIA

Join us for **THE largest and only international event** driving the **transboundary water cooperation agenda** at the global level!

High level segment "Our waters, our future: transboundary water cooperation to power climate resilience"

More than **500** participants expected, from about **80 countries** responsible for water, environment, foreign affairs and development cooperation, representatives of RBOs, IGOs, NGOs, IFIs and academia!

https://unece.org/MOP10_Water_Convention





ECONOMIC INSTRUMENTS AND MOBILISING FINANCE

Study on methodological recommendations for the revitalisation of watercourses and freshwater ecosystems in Ukraine

- Financing revitalisation is vital for implementation of EU WFD, other EU policies
- Study assesses financial mechanisms for RBMP implementation, including domestic finance (tariffs, fees, and taxes), national green bonds, and international sources such as the Horizon Europe, Interreg, and LIFE programmes.
- Considers potential of Nature-based Solutions (NbS) to support restoration work, including criteria for selecting appropriate NbS and planning their implementation.
- Includes a detailed set of “Methodological Recommendations” consulted and supported with the Scientific and Technical Council of the State Agency of Water Resources of Ukraine.



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ECONOMIC INSTRUMENTS AND MOBILISING FINANCE

Mobilising finance

- Assessment of enabling environment for water finance and available sources
- Study on domestic finance and Ukraine's tariff framework
- Study on financing Nature based Solutions and incorporation into RBMPs

Events

- Workshop on financing water in Ukraine (online meeting, 20 June 2024)
- OECD Roundtable on Financing Water, 30-31 May 2024, with Ministerial participation from Ukraine
- Regional workshop on financing water and environmental resilience: 28-29 June 2023, including site visits on Nature Based Solutions
- Workshop on Nature based Solutions - awareness raising and financing issues, (16 June 2023)

Upcoming work

- Link to water strategy implementation and OECD country programme for Ukraine