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EU⁴Environment
Water Resources & Environmental Data

European Union for Environment - Water Resources and Environmental Data

PROGRAMME ELEMENTS RELATED TO ENVIRONMENTAL MONITORING AND ASSESSMENT

Armenia, Azerbaijan, Georgia, Moldova, Ukraine - 2022 – 2024

umweltbundesamt^U
PERSPEKTIVEN FÜR UMWELT & GESELLSCHAFT

 Austrian
Development
Agency

 **OiEau**
International Office
for Water

 **OECD**
BETTER POLICIES FOR BETTER LIVES

 **UNEP**



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IMPLEMENTATION LEAD PARTNERS



River basin management plans
Water allocation
Stakeholders' involvement

Water monitoring

Economic soundness of strategies
Finance mobilisation

Water and health
National policy dialogues
Transboundary cooperation



Component 1 Water Resources

Open data
Water accounting
Land and agriculture
Air and waste
International sharing of data



Component 2 Environmental Data



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COMPONENT 1 WATER RESOURCES - OUTPUT 1.4

Objective: Water monitoring - further promote novel approaches

Activities & planned results:

- Extend monitoring **networks, frequency, parameters and interpretation** based on EUWI+ *Monitoring Development Plans*
 - Surface water & groundwater
 - Surveys in 2022 and 2023
- Monitoring and assessment of **transboundary** waters
- Further **trainings** of water laboratory staff on new equipment & WFD methods: review of needs in April 2022 for a training plan until 2024
- Achieve **accreditation** until 2023 and extend **quality management** of the Armenian reference laboratory



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COMPONENT 1 WATER RESOURCES - OUTPUT 1.4

Objective: Water monitoring - further promote novel approaches

Activities & planned results:

- Promote the adoption of **COVID-19 wastewater monitoring**
 - **Presentation** of AT/EU concept and methods
 - **Collaborative design** of a wastewater-based epidemiological sentinel surveillance system for practical implementation in Armenia
 - **Pilot surveillances** and reports 2023+2024 under supervision of the programme



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COMPONENT 2 – ENVIRONMENTAL STATISTICS AND OPEN DATA

Objective:

better availability of policy-relevant data to decision-makers and citizens

Principles of co-operation:

- Address thematic areas such as water accounts, landcover information, waste management and air quality data (2.1 - 2.3)
- Improve data accessibility and international co-operation in all thematic areas (2.4, 2.5)
- Differentiate intensity and priorities according to the specific situation and policy-relevant needs of each country
- Enhance co-operation of Environment Ministries and Statistical Offices on policy-relevant data issues



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COMPONENT 2 – OUTPUT 2.1

Objective:

Water accounts are extended

Outputs, activities and EU support:

- Assess the implementation of water accounts in each country
- Assist countries in implementing water accounts systems
- Support the existing functional systems to fill data gaps identified in the inception phase, and establish routines for data collection and publication of yearly accounts, key indicators and potential support to River Basin Management Plans



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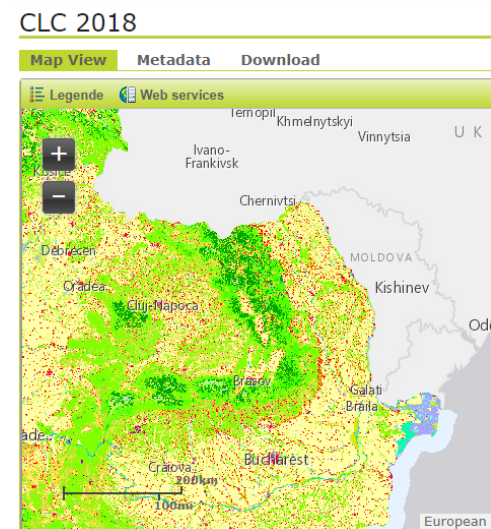
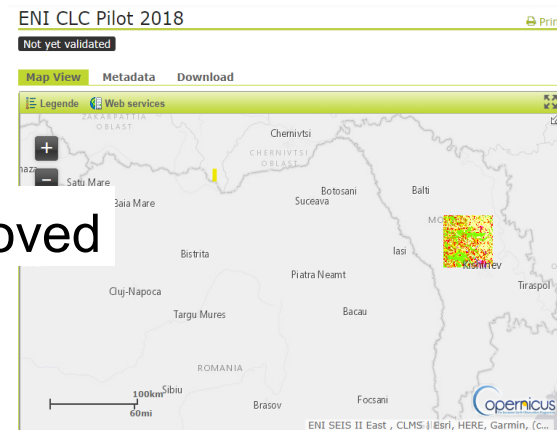
COMPONENT 2 – OUTPUT 2.2

Objective:

Land and agriculture monitoring and data are improved

Outputs, activities and EU support:

- Review the Corine Landcover pilots done in the SEIS East project managed by EEA
- Renew dialogue with national partners (ministerial, technical teams)
- Agree upscaling and/or thematic extension according country and EU priorities
- Assess availability of further ancillary data (from global Earth Observation, national monitoring)





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COMPONENT 2 – OUTPUT 2.3

Objective:

Air and waste management data and statistics are improved for policy-relevant use

Outputs, activities and EU support:

- Adapting waste data collection to the needs of waste management policies and monitoring of their implementation
- Further improving air quality monitoring and related data services, based on EU good practices and with focus on health-relevant fine particulate matter (PM 2.5)
- Further improving national air quality pollutant emission inventories



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COMPONENT 2 - OUTPUT 2.4

Objective:

Open data and citizens' participation in data collection and analysis are further operationalised

Activities and EU support:

- Facilitating implementation of roadmaps related to e-government and open data initiatives and environmental information management and sharing
- Continuing work on metadata related to environmental data
- Gradually implementing the annual preparation of the open data maturity reports with a focus on the environment
- Integrating environmental data into open government portals
- Enabling better participation of citizens in data collection and analysis



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COMPONENT 2 - OUTPUT 2.5

Objective:

International sharing of data and networking is maintained

Activities and EU support:

- Reviewing status and gaps of international reporting obligations
- Enhance co-operation of ENI East countries with EEA/Eionet and the UNECE Working Group on Environmental Monitoring and Assessment and Joint Task Force on Environmental Statistics and Indicators and bodies under Multilateral Environmental Agreements
- Support SEIS implementation and SDG monitoring in ENI East countries



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EUROPEAN ENVIRONMENT AGENCY

MEMBER STATES AND CO-OPERATING COUNTRIES



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