



Funded by
the European Union

EU4Environment – Water Resources and Environmental Data

TERMS OF REFERENCES FOR CONTRACTOR

TO SUPPORT THE DATA MANAGEMENT PLATFORMS FURTHER DEVELOPMENT BASED ON EU4ENVIRONMENT FINAL RESULTS

MAY 2024

1. Financing

European Union (ENI/2021/424-550)

Co-financing by Austria (Austrian Development Agency) and France (Artois Picardy Water Agency)

2. Procedure

Simplified procedure according to EU PRAG¹

3. Contracting Authority

International Office for Water (OiEau) - France

4. Nature of contract

Service contract

5. Time period of implementation

June 2024 – July 2024

6. Contract amount (optional)

Max. amount: 15 000 EUR

¹ Practical Guide to Contract Procedures for EU External Actions

7. Background information

Background and Objectives

The Programme “EU4Environment – Water resources and Environmental data” (hereinafter - the Programme) aims to operationalise several key mechanisms to preserve natural resources, enabling countries’ green growth in line with the European Green Deal and a post-COVID-19 green recovery. This will contribute towards longer-term environmental, climatic, and socio-economic resilience, and improved human health and wellbeing, as well as the achievement of the Sustainable Development Goals (SDGs).

The Programme’s specific objectives are:

- Specific Objective 1 “Water resources management”: Water policies and practices support more sustainable use of freshwater resources and help reduce the adverse impacts of human activities on water quality and ecosystems.
- Specific Objective 2 “Environmental statistics and open data”: The use of sound environmental statistics by the partner countries is extended and improved, and better availability of policy-relevant data to decision-makers and citizens is ensured.

The Programme, co-financed by the European Union, is implemented in close cooperation and coordination with the Implementing Partners: three Member State agencies: Umweltbundesamt GmbH (also called “UBA” or “Environment Agency Austria”), Austrian Development Agency (ADA) and International Office for Water (OiEau, France) as well as two international organisations (OECD and UNECE).

This assignment will contribute to the implementation of the Component 2, Output 2.4 - “Open data and citizens’ participation in data collection and analysis are further operationalised”.

In particular, it will support the data management platforms developments and valorisation of EU4Env program results in the 5 countries i.e. web mapping and kibana dashboards, talend jobs and Application Programming Interface (API), WMS services.

8. Scope of work

The breakdown of the main output will be as follows:

Outcome	Main expected output
Outcome 1/ Support development of API from geonetwork metadata catalogue	<ul style="list-style-type: none">- API with the list of metadata developed for 5 countries- Integration of the API into the web portal
Outcome 2/ Support for update and transfer of Geonetwork	<ul style="list-style-type: none">- Geonetwork updated with the new functionalities- Harvesting the national metadata catalogues (MD and GE) with automatic translation of metadata with the keywords to the national

	<p>languages</p> <ul style="list-style-type: none"> - Automatic translation of Geonetwork interface to the national languages - Transfer of Geonetwork via Docker (AM)
Outcome 3/ Supporting development of new jobs and API for data import/ export and reporting production using Talend framework	<ul style="list-style-type: none"> - Support provided on a minimum of 5 new jobs implemented for data extraction and/or transformation, and/or loading and/or processing web reporting
Outcome 4/ Security of Kibana dashboards and data	<ul style="list-style-type: none"> - Defining a strategy of protection of the dashboard developed - Support to implementation

A synthetic final report (3 pages maximum, Word format) will present the accomplished works and difficulties encountered, with the list and when possible copy of finalised outcomes as presented in the table below.

9. Schedule & implementation modality

Duration of the assessment will be up to 2 months and is expected to start from June 2024 and finish on July 2024. The contractor will have to inform regularly the experts' team about the problems and the progress. The experts' team will be allowed to question the contractor.

Contact details:

The responsible thematic leader:

Mr Paul Haener, International Office for Water, p.haener@oieau.fr

10. Participation to the tender

Interested parties (individual and legal persons) are invited to inquire the full tender dossier containing instructions and further information about the tender procedure from Ms. Ilke CICEKOGLU, Project Assistant, International Office for Water (OiEau) and Mr Paul Haener, Project Manager, International Office for Water (OiEau).

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Deadline for submission of the technical and financial offer is **12 June 2024, 18:00 CET**.