



European Union Water Initiative Plus for the Eastern Partnership (EUWI+)

TERMS OF REFERENCES FOR CONTRACTOR TO SUPPORT THE DATA MANAGEMENT PLATFORM FURTHER DEVELOPMENT BASED ON EUWI+ FINAL RESULTS AND SMOOTH TRANSFER TO BENEFICIARY COUNTRIES

21 September 2020

1. Financing

European Union (ENI/2016/372-403)

2. Procedure

Single Tender Procedure according to EU PRAG

3. Contracting Authority

International Office for Water (IOW)

4. Nature of contract

Service contract

5. Time period of implementation

4 months after signature of contract. Indicative timeframe: October 2020 – January 2021

6. Contract amount

Max. amount: 12 000 EUR

7. Background information

The EUWI+ project addresses existing challenges in both development and implementation of efficient management of water resources. It specifically supports the Eastern Partnership¹ countries to move towards the approximation to EU acquis in the field of water management with a focus on trans-boundary river basin management as identified by the EU Water Framework Directive (WFD).

The overall objective of the project is to improve the management of water resources in the EaP countries.

The specific objective is to achieve convergence of national policies and strategies with the EU Water Framework Directive, Integrated Water Resource Management (IWRM) and relevant Multilateral Environmental Agreements (MEAs).

The EUWI+ project is divided into three result areas as follows:

- Result 1: Legal and regulatory frameworks improved in line with the WFD, IWRM and MEAs;
- Result 2: River Basins Management Plans (RBMP) designed and implemented in line with the WFD principles;
- Result 3: Lessons learnt regularly collected, shared and communicated to stakeholders.

This assignment will contribute to the implementation of the Result 2, activity 2.3.6. "Development and strengthening of national databases on water related issues & ensure compliance of data with SEIS principles for collection and sharing of data".

In particular, it will support the data management platform transfer to beneficiaries and valorisation of EUWI+ results in the 6 countries i.e. web mapping and kibana dashboards, talent jobs and Application Programming Interface (API), WPS services.

8. Scope of works and deliverables

The main objective of this assignment is to support the development of:

- The data management platforms transfer to beneficiaries
- New Talend jobs and API for data import /export and reporting production
- Development of new services (WPS) and
- Supporting web mapping

The breakdown of the main output will be as follows:

Outcome	Main expected output
Outcome 1/ Support to data management platform smooth transfer	<ul style="list-style-type: none">- Issues for transferring tools and databases of the 6 national platforms are solved- Dashboards are protected with password to avoid modification by users- Local backup is organised
Outcome 2/ Supporting web mapping with Geonetwork and dashboards visualisations with Kibana	<ul style="list-style-type: none">- Color between map and graphs for global indicators are harmonized- Add uncertainty visualization in case of remote sensing hydrological data- Add visualisation of XY of mouse location on interactive maps
Outcome 3/ Development of new Web services	<ul style="list-style-type: none">- Web Processing Service (WPS) on Ecrin works as demonstration of possible result- API for list of metadata titles with links
Outcome 4/ 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 6 new jobs implemented for data extraction and/or transformation, and/or loading and/or processing web reporting

A synthetic final report (3 pages maximum, World 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. Implementation modalities

9.1 Schedule

Duration of the assessment will be up to 4 months and is expected to start from October 2020 and finish on January 2021. 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.

9.2 Contact details

The responsible thematic leader for data management:

Mr. Paul HAENER

International Office for Water

p.haener@oieau.fr

10. Participation to the tender

Interested parties are invited to inquire the full tender dossier containing instructions and further information about the tender procedure from Ms. Zohra OUARTI, *Project Assistant*, International Office for Water (IOW) **and** Mr. Paul HAENER, *Thematic Leader* for data management, International Office for Water (IOW)

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Deadline for submission of the technical and financial offer is **05 October 2020, 9:00 CEST**