



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

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### TERMS OF REFERENCES FOR CONTRACTOR TO SUPPORT THE DATA MANAGEMENT PLATFORM DEVELOPMENT IN THE 6 EUWI+ COUNTRIES

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1 August 2019

#### 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

11 months after signature of contract. Indicative timeframe: September 2019 – July 2020

#### 6. Contract amount

Max. amount: 8 000 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 Partnership<sup>1</sup> 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 development in the 6 countries i.e. talend jobs and Application Programming Interface (API), Kibana dashboards and Geonetwork functionalities.

## 8. Scope of works and deliverables

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

- new Talend job and API for data import /export and reporting production
- new functionalities within the Kibana dashboards and
- metadata catalogue web-mapping tools

The breakdown of the main output will be as follows:

- Support provided on a minimum of 12 new jobs implemented for data extraction and/or transformation, and/or loading and/or processing web reporting
- Support to new Kibana version configuration
- Demo of indicators on lines and points
- Support to map interface configuration (visualization of pie charts on the polygons)
- Configuring the dashboards for responsive presentation
- Supporting Geonetwork v3 configuration : 1/ icon for legend visualization activated by default; 2/ procedure for linking from web service to metadata are developed
- Supporting Geonetwork v4 installation/ configuration (when v4 available)
- A synthetic final report (3 pages maximum, Word format) which presents the accomplished works and difficulties encountered, with the list and when possible copy of finalised outcomes as presented in the table below

<b>Outcome</b>	<b>Main expected output</b>
Outcome 1/ Supporting development of new Talend job and API for data import/ export and reporting production	- Support provided on a minimum of 12 new jobs implemented for data extraction and/or transformation, and/or loading and/or processing web reporting
Outcome 2/ Supporting the development of new functionalities within the Kibana dashboards	- Support to new Kibana version configuration - Demo of indicators on lines and points - Support to map interface configuration (visualization of pie charts on the polygons) - Configuring the dashboards for responsive presentation
Outcome 3/ Supporting development of metadata catalogue web-mapping tools	- Supporting Geonetwork v3 configuration : 1/ icon for legend visualization activated by default; 2/ procedure for linking from web service to metadata are developed - Supporting Geonetwork v4 installation/ configuration (when v4 available)

## 9. Implementation modalities

### 9.1 Schedule

Duration of the assessment will be up to 11 months and is expected to start from September 2019 and finish on July 2020. 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](mailto: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. Ilke CICEKOGLU , *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 **19 August 2019, 9:00 CEST**.