

Market Consultation

Decision Support System, Watershed Monitoring and Governance in the Magdalena-region (Colombia), with a focus on the Rio Frío and Rio Sevilla basin

Organisation: The Netherlands Enterprise Agency (RVO)

The Netherlands Enterprise Agency (**in Dutch: Rijksdienst voor Ondernemend Nederland, RVO**) supports private and public organizations with funding, international business partners, knowledge, and regulations.

More information about RVO can be found on: www.rvo.nl and <http://english.rvo.nl/>.

This assignment is financed through the Partners for Water Program, executed by the Netherlands Enterprise Agency (RVO), part of the Netherlands Ministry of Economic Affairs and Climate. The Partners for Water Program is commissioned by the Ministry of Infrastructure and Water Management on behalf of the Interdepartmental Water Cluster.

Purpose of the notification

The purpose of the market consultation is to assess interest by expert teams, organisations (including private, public, and NGO sector entities) able to stimulate intersectoral collaboration and information exchange among water users in the Magdalena-region, Colombia, amongst other things through the development of a decision support tool or watershed monitoring tool.

Extent and duration

The project will run from 1 January 2022 until 31 December 2022.

Background

The Frío and Sevilla river basins, located in the Magdalena department, face challenges related to water efficiency at field level; the inter-sectorial relation and/or competition between all water users as well as low conservation of water in upstream areas affects the water quantity and quality to downstream users. These river basins provide water for palm oil, coffee and mainly banana farms, the primary source of export from Colombia to the Netherlands. Hence, improving integrated river basin management and associated governance mechanisms in these river basins is a strategy for achieving more long-lasting impacts on water efficiency and sustainability in the supply chains of the above mentioned crops between Colombia and the Netherlands.

In this context, continuing the cooperation with key stakeholders in the Magdalena-region offers an opportunity to learn from, and enhance the river basins' information systems and planning instruments for better decision-making.

Budget indication

The maximum Budget is € 135.000,- including local taxes, before applicable Dutch VAT.

Purpose of the project

The purpose of this project is to collaborate with key stakeholders in the Magdalena-region, contribute to an understanding about the interdependencies and (future) risks, to show how connecting information sources can contribute to more sustainable management of the river basin. The introduction of (a) digital tool(s), such as a decision support system or watershed monitoring tool is a key component of the project.

Goals and deliverables

- Analysis of the state of the basin: evaluate existing relevant information from previous projects and experiences, which will provide insights on water availability, water quality and demand from key agricultural production systems (such as banana, oil palm and coffee), human and ecosystem needs for the Frío and Sevilla river basins. Identify information gaps that need to be addressed or

information that needs to be updated. Evaluate water governance mechanisms. Deliver a report and presentation on water requirements and actual water usage, the local optimal water requirements for agricultural production, human and ecosystem needs and the current water sustainability situation in the area of interest. The report is intended as direct input for a future Water Resources Management Plan for the region.

- Technical development of a watershed monitoring tool: define the requirements and lead the development or improvement of a watershed monitoring tool to support decision making in the territory and to underline the need for collaboration in order to reach sustainable river basin and water use management.

Required skills/experience

The following expertise is preferred/required from interested parties:

- Expertise in the field of collecting and processing watershed data (land use, social development, environmental management, agricultural production, water quality, user censuses, water planning instruments), consolidate and identify gaps, challenges and governance opportunities.
- Expertise in the field of watershed monitoring tools and/or decision support systems
- At least two of the international experts (e.g. team lead and technical expert) should be able to communicate in Spanish on a professional level.
- It is expected the consortium will consist of international and Colombia-based experts/organisations, as the ongoing Covid-19 pandemic will continue to be a limiting factor for international travel movements

Application

You can show your interest in this procurement procedure by sending an e-mail to Roos Teubel, Consultant Operational Procurement at Roos.Teubel@rvo.nl with your company details and address and an one-page cover letter.

Based on the market consultation, RVO can decide to start a procurement procedure. Interested companies/consultants can be invited to this procedure. Your response to this market consultation does not mean you have the right to be invited to this procurement procedure.

When multiple companies/consultants respond, there can be a random supplier selection.

The deadline for showing your interest to this notification is set at **15 November 2021 10.00u CEST**.

Yours sincerely,

Roos Teubel
Consultant Operational Procurement