

Project Partner Search Form

☒ I offer my expertise to participate as a Partner in a Horizon Europe Project

☐ I am planning to coordinate a project and I am looking for Project Partners

TOPICS OF INTEREST

PARTNER INFORMATION

Description of the Legal Entity

☐ Higher Education

☐ Research Institution

☐ Public Administration

☐ Industry /SME

☒ NGO

☐ Other

Description of the Research Team

Dr. Clive Lipchin: Professional in transboundary environmental management with an emphasis on transboundary water management. Arava Institute for Environmental Studies (AIES).

József Kádár: Energy Transition, Social Innovation, STS, Citizen Engagement (AIES).

Fareed Mahameed: Expert in climate resilience & environmental public health.

Additional partners: we have a group of researchers and professionals from Greece, Jordan, Palestine, Israel and Italy, and we have cooperated on project proposals. We are looking to enlarge this existing consortium for **HORIZON-CL6-2025-02-FARM2FORK-03: Overcoming the barriers for scaling up circular water management in agriculture.**

The Arava Institute for Environmental Studies (AIES) is a leading environmental studies and research institute in the Middle East and houses accredited academic programs, research centers focusing on transboundary water management, sustainable agriculture, renewable energy and energy conservation, and arid socio-ecology. **Dr. Clive Lipchin** serves as the director of the Arava Institute for Environmental Studies' Center for Transboundary Water Management where he oversees research and development projects, workshops and conferences that focus on transboundary water and environmental problems facing Israel, Jordan and the Palestinian Authority. His specialty is water resources management and policy. **József Kádár** is a researcher and project manager at the Center for Applied Environmental Diplomacy, Arava Institute for Environmental Studies. His work focuses on energy transition, social innovation, and science and technology studies (STS), with a strong emphasis on regional cooperation and the energy dimensions of the Water-Energy-Food-Ecosystem (WEFE) Nexus. His work bridges research, policy, and practice, with a particular focus on cross-border environmental cooperation between Israel, Palestine, and Jordan. He regularly contributes to academic and policy discussions on the WEFE Nexus, energy transition, and energy security in the Middle East and beyond. **Fareed Mahameed** is the Assistant Director of the Arava Institute's Center for Transboundary Water Management and an expert in climate resilience and environmental public health. Fareed is an educator, environmental local activist and transboundary project manager. Manager of the first integrative holistic off-grid technology hub at the off-grid school of Al-Foraa.

PROJECT IDEA / CONTRIBUTION TO THE CALL TOPIC

Your potential role

☒ Research

☒ Technology Development

☒ Dissemination

☒ Training

We are looking for EU partners to join our project consortium currently with partners Greece, Jordan, Palestine, Israel and Italy.

CIRCUWATER-MED aims to overcome technical, socio-political, and economic barriers to scaling up **circular water management in agriculture** through the **piloting, validation, and replication** of **off-grid water and wastewater treatment and reuse technologies** across Mediterranean and Middle Eastern countries: **Greece, Italy, Israel, Jordan, and Palestine**. The project focuses on regions with water scarcity, decentralized farming systems, and a high potential for circular economy integration in agriculture and food production.

Objectives:

- **Pilot and validate context-specific, modular, off-grid technologies for water and wastewater treatment, reuse, and nutrient recovery in agricultural settings.**
- **Demonstrate the feasibility and scalability of circular approaches to water management for off the grid and decentralized smallholder and peri-urban farms.**
- **Facilitate knowledge exchange and co-creation among EU and non-EU countries through multi-actor platforms.**
- **Address regulatory, cultural, behavioral challenges and technical barriers through stakeholder engagement and policy dialogue, of upscaling to alternative water solutions. Adopt multi-actor approach to co-create knowledge and solutions.**
- **Identify and test different business models regarding financial viability and long-term economic sustainability (including cost-benefit analysis or agro-economic modelling) for the adoption of alternative water sources,**
- **Increase awareness about the potential value for farmers, advisors and society at large and people of the results via dissemination activities.**

Expected Impact

CIRCUWATER-MED will:

Deliver scalable, affordable, and replicable circular water solutions for agriculture in water-stressed regions.

Contribute to the EU Water Framework Directive, Zero Pollution Action Plan, and Farm to Fork Strategy.

Foster regional cooperation and trust-building across politically complex environments through shared environmental goals.

Enhance awareness of the value of circular water solutions and solutions to farmers, and society at large via proper dissemination materials and strategy.

Already experience as a	Coordinator	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	Partner	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
	Expert Evaluator	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

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Date: 01.07.2025