
PROJECT FACT SHEET

Title: Establishment of 5 Renewable Energy Communities in the Municipality of -Permet

Project Summary

The project “**Establishment of 5 Renewable Energy Communities in the Municipality of Përmet**” aims to create five community-based renewable energy initiatives in the villages of **Piskova, Pacomit, Kutal-Bodar, Qilarisht and Kaluth**. The project responds to the high electricity costs of municipal irrigation pumps, which currently place a financial burden on both local farmers and the Municipality of Përmet. By installing solar photovoltaic systems and establishing Renewable Energy Communities (RECs), the initiative will enable farmers to benefit from more affordable and sustainable irrigation services while strengthening local participation in the energy transition. The project foresees a total installed solar capacity of **90 kWp**, with estimated renewable electricity generation of about **138,168 kWh per year** and an expected reduction of approximately **53 tonnes of CO₂-equivalent emissions annually**. The governance model is intended to give farmers an active role as **members and prosumers**, supported by the Municipality of Përmet, local civil-society organisations and technical stakeholders. Beyond reducing irrigation costs, the project is designed as a **lighthouse model for Albania and the Western Balkans**. Its technical, governance and community-engagement approaches will be documented and shared with other municipalities and policymakers, supporting replication of renewable energy communities and contributing practical experience to the evolving Albanian regulatory framework for RECs.

Scope and objectives of the project

- **Establish 5 Renewable Energy Communities (RECs) in Piskova, Pacomit, Kutal-Bodar, Qilarisht and Kaluth** in the Municipality of Përmet.
- **Install solar PV systems** for municipal irrigation pumps, with a combined planned capacity of about **90 kWp**.
- **Support around 120 farming households** that depend on the irrigation infrastructure.
- **Reduce electricity and irrigation costs** for farmers and lower the financial burden on the Municipality of Përmet.
- **Improve irrigation resilience**, especially during periods of drought and changing rainfall patterns.
- **Produce approximately 138,168 kWh of renewable electricity per year** and reduce greenhouse-gas emissions by about **53 tCO₂-eq annually**.
- **Formalise and strengthen REC governance**, including a General Assembly, Board and Advisory Council, with participation of farmers, municipal representatives and local stakeholders.
- **Build local technical and organisational capacity** for operation, monitoring and maintenance of the solar and irrigation systems.
- **Promote inclusive participation**, with attention to women, low-income households and other vulnerable groups.
- **Create a replicable lighthouse model** that can be transferred to other municipalities in Albania and across the Western Balkans/EUSAIR region

Results of the project

- Five operational RECs with 90 kWp combined solar capacity.
- Approx. 138,168 kWh of renewable electricity generated per year.
- Approx. 53 tCO₂-eq avoided annually.
- Reduced irrigation costs for 120 farming households and approx. €4,700 in annual municipal electricity savings.

Donor: European Union

Duration: January -August 2026

Partners: ETMI