

# Lumiar (Lisbon), Portugal



## RESULTS

1st technical assistance of the Energy Poverty Advisory Hub 2022-2023

DISCOVER EPAH



October 2022 - July 2023



**Energy poverty phase:** Diagnosis and planning



**Topics:** Energy poverty diagnosis; Renewable energy communities

The **Lumiar Parish Council**, in collaboration with the **Local Partnership of Telheiras** and with the assistance of **Coopérnico** and **CENSE, FCT-NOVA University of Lisbon**, embarked on technical assistance (TA). The goal was to set up one of the first citizen-led and inclusive renewable energy communities in Portugal by tackling energy poverty and promoting energy democracy.

### Objectives

The project aimed to raise **awareness** and **diagnose** energy poverty while offering **counseling** to vulnerable households and community intermediaries. The TA produced an **open-access guide** for building local energy communities, aiming for replication in Lumiar Parish Council and alignment with Portugal's multi-level energy and climate policies. Progress was monitored through indicators, tracking households engaged and actions taken during and beyond the pilot phase.

### Activities & Outcomes

Detailed energy poverty reports for Lumiar and Lisbon were produced. **A pilot renewable energy project with 16 solar panels (7.0 kWp) benefitted 17 community members, including 3 energy-poor families, and the parish council itself.** An inclusive financial model allowed participation without substantial upfront costs. Internal rules stressed equal participation as a non-profit. Successful participant recruitment and engagement of energy-poor families were achieved through community efforts. **Regulatory approval and legal licensing were obtained** in November 2023.



This TA established a **robust local partnership, government support, financial aid for vulnerable families, a motivated network, and expert input, enabling international financial support through the DUT Partnership's Urban Doers Grant.**

### Challenge

In Portugal, inclusive energy communities face several barriers, with **licensing being a complex and lengthy process.**

### Future

The Telheiras Renewable Energy Community is planning a **second solar project** to expand impact and share lessons for replication.

**EU Energy Poverty Advisory Hub**



**Lumiar**  
Junta de Freguesia



**PARCERIA LOCAL TELHEIRAS**



**CENSE**  
center for environmental and sustainability research

**NOVA**  
NOVA SCHOOL OF SCIENCE & TECHNOLOGY