



T3 FOSTERING THE CO-CREATION OF LOCAL ENERGY COOPERATIVES AND IMPLEMENTATION OF CITIZEN BASED PILOT ACTIONS

**D.T3.8.3 - Definition of the pilot action in
the Town of Prelog**

**Version 1
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Definition of the pilot actions in the Town of Prelog

The main goal of the ENES-CE project is to motivate citizens on the local level to participate in energy planning and implementation of planned energy investments in their communities. One way to trigger such cooperation is enhancing communication activities from local and regional authorities towards their citizens through workshops, educations, printed material distribution, online marketing activities and other.

Town of Prelog in cooperation with Medjimurje Energy Agency Ltd. has implemented several workshops from year 2019 until the finalization of creation of citizen energy association in year 2021. These workshops combined with other relevant communication activities have triggered involvement of interested citizens in process of revision of current energy plan (SEAP), development of new energy plan (SECAP) and identification of most relevant measures to be implemented in Town of Prelog.

Besides communication activities oriented towards citizens, to determine most relevant measure to be implemented and create an atmosphere of acceptance, tools that were developed within work package 2, have also been used.

Through this process, three most relevant measures for implementation in Town of Prelog have been identified:

- Installation of photovoltaic powerplants on public buildings;
- Workshops for local entrepreneurs on financing energy projects;
- Bike sharing project and construction of bike lanes.

During the communication with citizens and newly established energy association, it has been determined that within this project as a pilot investment a photovoltaic powerplant will be installed on the roof of Kindergarten "Fijolica" in Prelog.



Image 1 The building of Kindergarten "Fijolica" in Prelog

The building of this kindergarten has been energy refurbished within last two years and is now in energy class B for the specific annual needed heat energy and A+ for the specific annual primary energy. It has flat roof and there are already installed solar collectors for hot water. The rest of the roofs free area will be used to install photovoltaics.



Image 2 Roof area of the Kindergarten "Fijolica" in Prelog

It has been agreed with all involved relevant stakeholders that the new PV powerplant will have the power of 50 kW. The cost of such a plant exceeds the budget allocated in projects' Application Form for implementation of pilot activities (15.000,00 €), so the rest of the funds will be covered from the budget of Town of Prelog. Total cost of the investment has been estimated at around 49.000,00 €.