



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

D.T3.6.3 - Definition of the pilot action in the Town of Zugló **Version 1**
01 2022





Definition of the pilot actions in the Municipality of Zugló Budapest

The main goal of the ENES-CE project is to motivate citizens, NGOs and other stakeholders on the local level to participate in energy planning and implementation of planned pilots .

Zugló in cooperation with local NGOs and communities has implemented several workshops from the years 2019-2021 until the finalization of pilot actions. These workshops combined with other relevant communication activities have triggered involvement of interested citizens in the process of revision of the current energy plan (SECAP) and our new Climate Strategy.

Within the ENES-CE project framework, in 2020 Zugló elaborated 10 pilot action proposals in consideration of SECAP. Importance is given that the projects should be developed with stakeholders and the general public in the field of energy efficiency, which provides a basis for cooperation and shared investments. The task is to establish co-operation between different sectors for the implementation of local, small investment projects, which become models for future cooperative actions.

During the two workshops, the ten potential community projects were evaluated and discussed for possible pilot projects. The workshop participants and the stakeholders answering our online questionnaire found the following three the most important and willing to engage in:

- Facilitating condominium community solar investments with information and support
- Community operated lockable bicycle storages in housing estates
- Promoting cycling and pedestrian traffic: congested streets, better traffic safety

Zugló ran through the feasibility study with the above mentioned pilots and we had to face numerous problems with the realisation of the three most popular projects due to financial and legislative barriers.

We had to re-plan the pilots and give a chance to the less popular but already promoted pilot ideas, where we find local NGOs, Institutions, and members of city council and SMEs who can support it. We collaborated with active civil organizations, working in Zugló on climate and energy related issues. We also connect with large companies and we look through their CSR activities and green or sustainability reports. We made a large FB campaign using Zugló and Mizuglonk media channels. We refreshed the content of our project description in Mizuglonk.hu about the projects and the possible pilot actions that are waiting for participants.

We organised an inhouse meeting about the launching of the Zugló energy action group with decision makers and officers.

Through this process, and the organisation of the Workshop 3 were identified three pilots for implementation: Eco-Map of Zugló, Measure together, Lets Go Green Together.



Energaiklub also made some change in their activities and budget, and they prepared a call for local NGOs to support their activity on community energy micro pilots. The result of this call was that, they supported a Zugló's NGO AZTA Műhely to realize a bike storage and some insulation to their building.

The four pilot projects will be accompanied by events to strengthen local communities, encourage people to go green and bring together NGOs and businesses in the district. The role of the local government in this respect is primarily to promote a green approach and to act as a facilitator, organiser and information-sharing body, thus helping the residents and businesses of the district. Beyond the changes in the stakeholders' attitude, the pilot actions contribute to realize measurable CO2 savings.

The pilots

Within this framework, four pilot projects are running in Zugló, in cooperation with local residents, NGOs, communities, companies and the Municipality:

1. Measure together!

Target group: local public institutes, local decision makers

Activity: Energy monitoring system was launched in 40 local public institutes of Zugló municipality. Prior to this ENES-CE initiative, the energy consumption data of the public buildings were collected and documented in various systems: some institutes have super modern smart metering systems, some of them pay the bills on a flat rate, other consumers read the meter once a year.

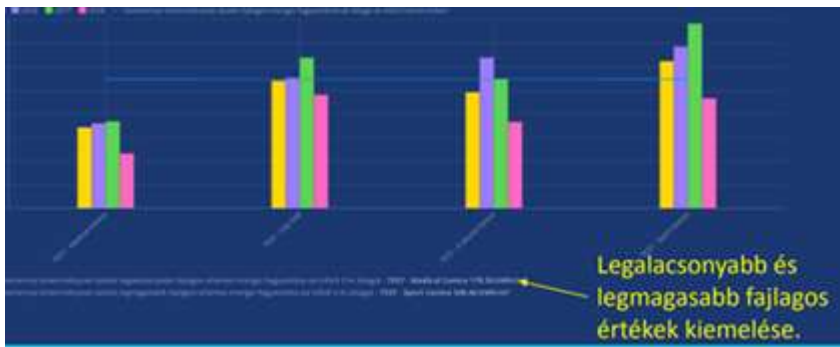
From this year 40 institutes are joined to the „Online Monitoring System” database and collect the data regularly in unified system. The data will be processed and analysed by the energy expert partner of the municipality. The software background of the data management was developed in the Compete4SECAP project (<https://compete4secap.eu>) and it is tried out and used by several European municipalities. The new system helps to get an accurate picture of the electricity, heat, and natural gas consumptions of the public buildings.

The sharp data analysis is a crucial point of decision making in preparation of investments and energy procurement, it helps to identify deviations in energy consumption and ensures the transparency of the institution management. Beyond the above objectives, the evaluation of strategic goals of the local government set out in climate and energy papers should be based on data.

Timeline: 2021 January-2022 January

Link to SECAP/Climate Strategy action: SZI15 Energy and climate database and geo information system development

Sustainability: The plan is that all the municipality owned local public institutions join the unified system to get an up-to-date and transparent energy management system.



Let's go green together!

Target group: citizens

Activity: The aim of the pilot project is to create small local communities that become active, responsible and support each other in various green topics such as energy saving, composting, shopping and so on.



One of the pillars of the Let's Green Together project is the District EcoCircles, organised by the Association of Conscious Consumers and launched at the beginning of November. The Chamber-themed EcoCircles focus on the sustainability and practical aspects of food. Thus, among others, healthy eating, climate change and food will be important pillars of the 6-week training. In Zugló, there are currently 13 EcoCircle Chamber groups working, experiencing and learning from each other week by week about sustainable eating.

Climate-friendly Challenges

Climate Friendly Kitchen Adventure and Happy Compost Challenge will be organised. The participants committed to try out lifestyle tips to reduce the environmental impact of their diet for 1 month.

Timeline: 2021 November - 2022 February

Link to SECAP/Climate strategy action: SZI1 awareness raising of the local communities

Sustainability: The Eco Circles members and participants will be invited to the Zugló Energy Action Group.



Eco-Map of Zugló - a virtual compass towards sustainability
www.zugloiokoterkep.hu

Target group: citizens, local NGOs, local companies

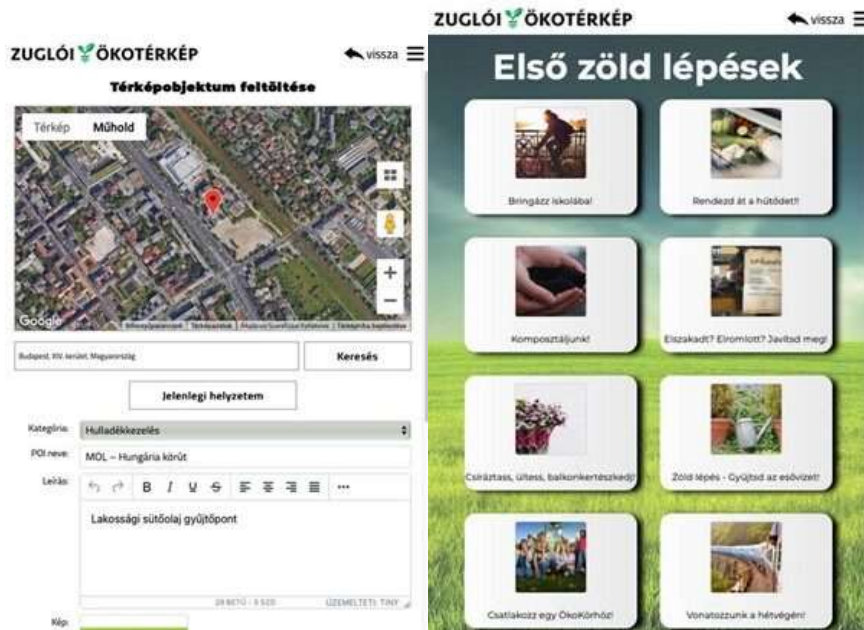
Activity: The Zugló Eco-Map is an online map that provides tips and local information for a green, conscious and sustainable lifestyle, e.g green businesses, repair workshops, community composting bins, recycling centers etc.

The map was tested and filled with content in cooperation with green communities and NGOs in Zugló.

Timeline: 2020 November - 2022 February

Sustainability: Registered users and participants will be invited to the Zugló Energy Action Group. The future development, maintenance and operation of the website is under negotiation.

Link to SECAP/Climate strategy action: SZI1 awareness raising of the local communities, SZI7 Online community map to facilitate circular economy



Bike storage and energy retrofit in AZTA

Target group: citizens, NGOs, SMEs

Community bike storage facility will be set up in a room previously used for storage, where mainly cargo bikes can be stored safely, protected from rain and snow, in a lockable space. Also an energy retrofitting will take place as they will install insulation. The use of the community bike storage facility will serve as a model for other similar initiatives. The energy renovation is estimated to save around 1500 kWh per year.

The bike storage and the insulation are supported by Energiaklub, the project partner of the Municipality of Zuglói, in the framework of the ENES-CE project.

Timeline: 2021 November -2022 February

Sustainability: The bike storage will be operated by an independent and well functioned NGO. We received very high interest from local citizens for their services. These parameters will ensure the long term operation of the pilot.

Link to SECAP/Climate strategy action: SZI1 awareness raising of the local communities, MI13 Enlargement of the community bike storage infrastructure

