

D.T3.7.1. HU: PREPARATORY STEPS IN IMPLEMENTING THE DEFINED PILOT ACTIONS IN MUNICIPALITY OF ZUGLÓ



ENES-CE - Collaboration between public bodies and citizen energy groups in implementing local energy strategies in Central Europe

FINE FACTS ABOUT MUNICIPALITY OF ZUGLÓ REGARDING THE IMPLEMENTATION OF THE ENES-CE PROJECT

Recognizing that the implementation of the actions identified in the Zugló Community Climate Change Strategy can only be achieved through community collaboration, Zugló preferred to develop pilot plans that would increase cooperation. Despite the COVID-19 isolations, the municipality of Zugló tried to involve citizens into the development and the implementation of pilots, also NGOs and companies and institutions interested in energy and climate issues by many means and methods. 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.

SPECIFICATION OF PLANNED PILOT PROJECTS

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 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.

QUICK FACTS ABOUT MUNICIPALITY OF ZUGLÓ

- > Country: Hungary
- > Region: Central Budapest
- > Total area: 18,13 km²
- > Number of inhabitants: >100.000
- > Public authority/government: Municipality of Zugló Budapest XIV: district
- > Expected t(CO₂) savings within the pilot projects implementation: n.a.
- > Expected number of stakeholders involved in the pilot projects implementation: >40

2. 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 2021. 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.



Linked to the EcoCircle Chamber initiative, Climate-friendly Challenges will be organized:

Climate Friendly Kitchen Adventure and Happy Compost Challenge will be organised. The participants commit themselves 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: SZ11 awareness raising of the local communities.

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

3. 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: SZ11 awareness raising of the local communities, SZ17 Online community map to facilitate circular economy.



4. Bike storage and energy retrofit in AZTA

Target group: citizens, NGOs, SMEs

Community bike storage facility was set up in a room previously used for rubbish storage, where mainly cargo bikes can be stored safely, protected from rain and snow, in a lockable space. Also an energy retrofitting took place. The works were supported by several volunteers. 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 Zugló, in the framework of the ENES-CE project.

Timeline: 2021 November - 2022 April

Sustainability: The bike storage will be operated by an independent 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: SZ11 awareness raising of the local communities, MI13 Enlargement of the community bike storage infrastructure.



PREPARATORY STEPS FOR ESTABLISHING CONSUMER ENERGY GROUP

Fostering the co-creation of the Zugló Energy Action group is an ongoing activity. As we learnt in Pffafenhofen the main driver of the local energy communities are the local events, local NGOs and committed SMEs therefore we are also concentrating on these elements. We try to activate local NGOs and their citizen umbrella, we are facilitating roundtable discussion with energy community experts and also try to involve businesses.

Roundtable discussion on energy communities - the domestic experience



At the end of 2021 September and 2022 March, we held roundtable discussions on energy communities (WPC), focusing on start-up energy communities in Hungary and the possibilities of cooperation. The participants were the representatives of professional organisations and municipalities committed to the topic: the Energiaklub, WWF Hungary, the Hungarian Association of Nature Conservationists - Friends of the Earth Hungary, and the Municipalities of Józsefváros and Erzsébetváros.

Matchmaking event - a meeting of local NGOs and companies

In cooperation with the KÖFE (Association of community builders), we invited companies from Zugló to the event and introduced them to local communities, NGOs and institutions in the hope of potential partnerships. We will continue to facilitate collaborations and to further expand the opportunities, we will organise a matchmaking event in 2022, where we plan to invite

Municipality Zugló
Hungary

additional local partners who are open to new relationships and collaborations.

Local community, NGO events - neighbourhood, community, sustainability



We are working with a number of local NGOs committed to green values as part of the Green Together pilot project. One part of our joint work is organisational development, and we also help them organise events.



Autumn market: pumpkin lantern making in the Padlizsán Garden and a Martin's Day event with the Zugló Bread Association the programme was rounded off with an awareness-raising climate quiz on the topic of food-related sustainability.

The ZUG Community Garden Association's community garden, the Padlizsánkert, hosted a pumpkin-making family event on 31 October, where participants were greeted with pumpkin treats alongside the carving. In the spirit of raising awareness, the event also launched a "carbon footprint assessment" of the garden's plots: calculating how much the annual yield of vegetables from a plot of land would reduce emissions compared to the same amount of produce grown abroad, transported and bought in supermarkets.

PREPARATORY STEPS FOR IMPLEMENTING PILOT ACTION

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.

Zugló ran through the feasibility study with the ten potential 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, members of city council and SMEs who can support them. 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.

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 ENES-CE activities 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.



EXPECTED RESULTS

The primary aim of the pilot projects is to create the basis for further cooperation and energy efficiency actions. We believe that it can provide a motivation to other initiatives and citizens or NGOs to implement them with the support of the Municipality. Furthermore, as a niche initiative, they provide a platform for disseminating existing community knowledge and awareness-raising solutions, and give the opportunity to connect to them for the general public. In addition, the measurement and communication of CO2 emission data from the pilot will be a task. A summary analysis of the pilots will serve as a basis for policy recommendations to the Municipality of Zugló.

We believe that the participation in the pilots is a good motivation for all stakeholders to join the Zugló Energy Action Group, that is planned to be officially formed by the end of ENES-CE project.