

ACTIVITY 1.2

REVISION OF LOCAL ENERGY PLANS THROUGH

INVOLVEMENT OF CITIZENS AND OTHER STAKEHOLDERS

DELIVERABLE 1.2.4.

Energy Roadmap

Municipality of Forlì (IT)

Version 1

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Deliverable DT1.2.4 - Municipality of Forlì Energy Roadmap

1. INTRODUCTION

The process of redefinition of the Municipality's actions for the sustainable energy and the climate has started with the identification and involvement of the **local stakeholders** (environmental associations, trade associations, banks, public and private organizations, etc.). Their engagement is the most important key to fulfil the goals set by the Municipality with the Covenant of Mayors.

A strong effort is put in involving the several organizations, societies and associations (communication, invitations, videos recorded by professional experts, workshops, etc.), because gathering the reflections of the actors of the territory at the beginning of the path for the adoption of the SECAP, will presumably help in the **implementation of the actions** during the everyday life of anybody.

The aims The Municipality of Forlì intends to pursue are ambitious and in line with those suggested by the European Union. The Covenant of Mayor has been signed in its first version in 2008 and during last year, in 2019, it has been reconfirmed and updated to adopt the new goals and renovate the engagement of the city in the environmental and health protection. The definition of a new SECAP will allow to **plan every useful action** to reduce the emissions of greenhouse gasses, to use more clean energy and to reduce the energy waste.



2. SECTORS AND STAKEHOLDER GROUPS

Although the whole citizenry is involved, the goals can be more likely achieved referring to **identified groups** already engaged in a specific sector of activities, which may be actively involved in the implementation of the different actions of the SECAP.

The first stakeholders contacted are the **environmental associations** (WWF, FIAB - Italian Bicycle's Friends Federation, Fridays For Future - Forlì, Ass. Clan Destino, ISDE medical doctors for the environment, and all the environmental associations attending at the worktable of env. Ass. Of the City of Forlì): they are already interested in the definition of sustainable energy and climate actions and have already been contributing for the last years in several activities with the Municipal Authority.

The attention of the whole **municipal authority** is raised, as it is organized in many area offices, which deal daily with SECAP's issues (e.g. public works, building authorizations, public buildings management, environment office, energy management, civil protection).

The main public organizations (authorities, teleheating net manager, sorted waste collection manager, etc.) committed to the topic of interest related to the SECAP, as well as every private associations representing the most part of the local economic societies or professional technical designer (trade unions, associations of technical professionals, installers, etc.) are important stakeholders to be considered. The **deal with the experts** of the many aspects of the sector of interest, particularly of those related with the energy and climate themes (e.g. buildings, thermal or electrical systems, water, waste, prevention, credit, etc.), is the main key to write a complete and effective SECAP.

Beside the involvement of the official stakeholders into a participative path toward the approval of the new SECAP, some schools' interest has been captured through specific communicative laboratories, which output is intended to show to the adults **what children think** about SECAP topics and will be useful in engaging the participants to the workshops and to spread the news of the adoption of the SECAP. The schools participating to the project are two classes of elementary schools and a class of a middle school, the children involved are between 6 and 14 years old and are asked to think which engagement they can offer, after the COVID-19 Emergency lockdown to help the environment. They received a video-invite produced by professional video-makers to send their contributions recording a sound, taking a picture and finding a representative hashtag. The material collected will be used to edit an animated video representing the involvement of young people in the SECAP's issues.



3. AIMS AND GOALS OF THE MUNICIPALITY

In order to achieve the **European key targets** of cutting of the greenhouse gas emissions, increasing the use of renewable energies and increasing the energy efficiency, the Municipality of Forlì means to revise the existing SEAP and to approve a new SECAP.

Such a planning document will be the frame to several practical actions dealing with many economic and social sectors. The participative process projected to write the SECAP will be useful both for the Authority to be effective and catch the more **meaningful issues**, for the stakeholder to express explicitly their **interests and observations** in the field in which they operate and for the whole citizenry to find a **guidance and opportunities** in such relevant topics.

The main goals of approving the new SECAP, and even more of collecting all the stakeholders' reflections is to **define the best actions** which can successfully lead to the aim of mitigation and adaption to the climate changes. Next to it, many relevant economic and social goals can be fulfilled, connected to the cost reductions resulting from a more rational use of the energy.

Every single organization active on the territory can enjoy all the positive effects of a **network of actors sharing similar scopes** (e.g. developing partnerships, enlarging their market, finding win-win solutions, etc.). Healthy players in the local sector will lead to positive repercussions for the whole city.

A good **planning instrument** can become a real guidance for everyone has a role in the implementation of the actions: for the Municipality administrators, the associations, the societies up to every single citizen in his or her everyday life.



4. TOOLS AND SOURCES USED BY THE MUNICIPALITY TO SUPPORT PARTNERS

As the Municipality of Forlì has already been engaged in the Covenant of Mayors since 2008, several tools have formerly been developed. Now, to reach the new more ambitious goals, an important effort is required in **strengthen the existing tools and in defining new effective supports** for the administration itself, and even more for the city partners.

Green public procurement and energy requalification of public buildings already started and will be more and more implemented in every building refurbishment the administration is going to schedule in the next period.

A huge **solar thermal plant** is currently functioning in connection to the district heating system, its use will be fostered more extensively, developing an interesting offer of hot water to the local factories nearby.

Among the activities of information undertaken by the Municipality of Forlì is the establishment (begun in 2015, thanks to the IEE - FIESTA Project, and then maintained in function by the Municipality) of an **Energy Help Desk (EHD)** at disposal of every citizen to get information about energy efficiency, renewable energies and green incentives. The EHD, in turn, can organize conferences, workshops, media campaigns or educational workshops.

Many **didactic activities** about environmental issues are proposed and collected by the MAUSE, a specific office dedicated to realize projects about sustainability for the municipal schools. In this frame, a specific tool has been ideated with the support of selected video-makers: a laboratory in the school will offer the possibility of creating a first **Local Focus Group** with children and using the technique of the stop-motion animation, a video collecting the students' point of view will be produced; such an output will be a useful tool both for the implementation of the workshops reserved to **engage the stakeholders**, and to **reach the population** through the Municipality's media channels.

The local stakeholders are periodically involved in many **thematic working groups** held in the municipal halls and encouraged by the administrators, the Municipality will continue offering the possibility of holding workshops, conferences in its Municipal Halls and even on its online videoconference platform.

Incentives are an important key to guide the interest of citizens and even if national ones can grant the most advantageous savings, some kind of refurbishment offers the possibility to save a quote of local taxes.



Every local focus groups and the pilot project encouraged by the ENES-CE project will offer the opportunity to **raise the awareness** in the involved citizens and give the chance to find an **economic suitable way to take action** to fulfil the SECAP's goals and to save money at the same time.

The Municipality's **media channels** will give resonance to every positive achievement in the path toward the SECAP's approval and every milestone of the project in which also the stakeholders are interested.



5. ACTIONS FOR INVOLVING PARTNERS

During the first workshop, several chances of possible pilot project have been reviewed and valued, such as energy cooperatives, consumers' purchasing group, or similar group activities. The assembly welcomed the idea and pointed out that the most effective activity appears to be the building up of a **consumers' purchasing group on the issue of the energy efficiency** in everyday life (E-CPG).

The first object of the Energy-CPG will be chosen among the following three suggestions of buying, which have been valued as the most interesting:

1. high-efficiency **LED Lamps** or other equipment for monitoring and controlling the energy consumption at home (e.g. smart meters, thermo-hygrometer, chronothermostat, etc.);
2. high-efficiency **electrical appliances**;
3. E-bikes, bicycles, electrical kick scooter for a **less impacting mobility**.

The purchase of the above items will allow to act consequently to the SECAP's aims in particular **reducing the use of energy** for the daily use of electric devices or thermal systems and, as regards the third option, a new smart mobility can lead to less polluting and greenhouses emissions.

The opportunity offered by the pilot project funded by ENES-CE will hopefully lead to several positive results:

- Stimulate the participation of the population in **acting in first person** in the field of sustainable energy and mobility;
- Demonstrate the great economic potential of the **demand aggregation**;
- Create a first group of people, who experiences the process of purchase through a Consumers' Purchasing Group, and that will successively be able to repeat the procedure of collecting their similar needs of energy efficiency-oriented goods and find the most **advantageous offers** in the market dealing directly with producers or retailers;
- Establish a communication channel between the administration, through the Energy Help Desk and the Energy Consumers' Purchasing Group, developing activities and workshops which will **spread the positive attitude towards the SECAP issues**.



The Municipality, through its EHD and the in-house society FMI will grant a certain **guidance** and the **coordination** of the first purchase operations, whereas the participant citizens will be required to spread the notice of the project, find contacts, search for different interesting offers to compare and develop together the plan to reach the common goal. Such an **engagement of intents** will hopefully grant the continuing of the E-CPG also after the end of the ENES-CE project.

The implementation of the actions foreseen within the pilot project will finally let the people making up the energy consumers group share a way of reducing their energy consumption and take part actively in all the E-CPG activities: setting the aims, organization and participation at the foreseen workshops, search and comparison of the different offers, etc. The communication of the E-CPG's achievement will most likely permit to raise more and more **awareness and sensitiveness of the SECAP issues** in the whole citizenry, spreading the will to take part in the action to reach the European key targets.



6. TIMELINE

After the approval of the new SECAP, many dissemination and informational event about the goals and the actions to achieve them, will give the opportunity to **spread the news** of the E-CPG opportunity, raise the interest about it and collect info regarding the citizen needs it can deal with.

Afterwards, will start the gathering of the information about the feasibility of the pilot project. Thanks to workshops with associations, producers and retailers, by the end of June 2021 the people interested in the energy consumers group will **define** which products better fit their needs and **establish** officially the E-CPG.

The main activity of the E-CPG, the **purchase** of the selected goods, will be accomplished by the end of February 2022.

Hopefully, the experience of the E-CPG might last even after the ENES-CE project and in collaboration with the municipal EHD, new purchases can be **proposed again**.