

**Interreg**  
*Mediterranean*



EUROPEAN UNION

Project co-financed by the European  
Regional Development Fund



GRASPINNO



**GRASP**INNO

**newsletter n°2**



## general introduction

GRASPINNO project is co-funded by the European Union through the Interreg MED programme 2014-2020 in the framework of the first call proposals for modular projects, priority axis 1.1. The project, started in November 2016, aims at increasing transnational activities of innovative clusters and networks of key sectors of MED area under the Community of Green Growth.

The project aims to provide innovative green procurement solutions for energy savings/efficient refurbishment of public buildings, focusing on smart cities and communities. Project's main goals are to improve Public Authorities' (PAs) capacity of managing buildings energy efficiency, moving towards nearly zero energy building, and to encourage SMEs to enter the green energy market.

The overall objective of GRASPINNO is to promote a green and sustainable growth model for Med area:

- by supporting green energy and eco-innovation networks/clusters increase their business and R&I capacities and reinforce transnational cooperation;
- by supporting Public Administrations (PAs) adopt green public procurement through knowledge bases, decision support tools, and validated state-of-the-art e-procurement systems.

## achievements of the period



GRASPINNO has made great progress during this first period, both in the upgrade of its tools and in the Pilots activities. GRASPINNO's achievements are summarized as follows:

- **The upgrade and parameterisation of tools, including** all the upgrades applied in the GRASPINNO Web Platform, LCC Tool, e-GPP tool and Living Lab Methodology, have been performed in order to satisfy the specific needs and demands of the GRASPINNO pilots.
- **The GRASPINNO unified platform** integrates the project tools and results coming from all sites across the participating MED countries. Join our platform at <http://www.graspinno.eu/index.php>
- **Training courses** organised by PPs in their territories offered training experience to the SMEs & PAs on using the project tools that will be essential in the pilots.
- **Open day events** and press conferences were organized by PPs. The projects' objectives/activities/output/results were disseminated by the PPs to raise the awareness of the relevant stakeholders. Stakeholders are invited to strongly participate in the project activities!
- Preliminary study of **Pilot Activities** was developed by all PPs implementing a pilot. The study includes the procedures followed by all PPs to identify and approach public buildings that participate in GRASPINNO pilots, and information on the maturity of the finally selected public buildings.
- Several **Tenders** included in GRASPINNO Pilots have been already published!



events

## 2nd Green Growth Transnational Event

Under the Forum Compraverde-BuyGreen the GRASPINNO project attended the 2nd Transnational Event in Rome, on 12th -13th of October with the contribution "Roles and opportunities for competitiveness in public and private sectors".



## Partners meeting

During the second period, two more Partner's meetings were held:

## 3rd Partner Meeting

Took place in Bastia-Corsica, on 14th-15th September and it was hosted by the Inter-District Association of Electrification and Lightening of Haute-Corse, Partner (PP5) of the project. At this occasion 3rd Steering Committee and 4th Technical Committee were done; during this meeting the partners had the chance to present their Pilots development and to discuss about the evolution of the activities.

## 5th GRASPINNO Technical Meeting

Took place in Sorrento, Italy on 15th December, hosted by Mountain Community Alto Basento (CMAB-PP3). The main objective of the meeting was to present the new functionalities of the LCC tool to all partners. The technical presentation was coordinated by Terre di Sienna Lab and during the session the attendees learnt about the news of the tool.

# pilot

## Greece

### UPATRAS - University of Patras

University of Patras pilot activities involves 13 schools, which are located in the Municipality of Kozani, Western Macedonia, Greece. The published declaration for the pilot, titled: "Supply, installation and operation of 13 net metering contacted PVs in public buildings and facilities of the Municipality of Kozani", concerns the supply and installation of net metering contacted PV roofs.

The pilot schools' total area has been calculated to 17916 square meters and the interventions will cover a great percentage of the total current energy consumption, in the majority of the buildings. The pilot aims to reduce the energy consumption of the buildings and this will be achieved by the Renewable Energy Resources usage, thus improving the energy efficiency in the pilot sites.

### GSCCP - Directorate of Public Procurement of Ministry of Economy and Development

The General Directorate of Public Procurement of Ministry of Economy and Development is the National Central Purchasing Body in Greece. Its mission is the entire management of public contracts of goods and services on the axis of serving

the public interest, by using new technologies and modern tools, constantly developing cooperative relations with public authorities/purchasing bodies. GSCCP pilot activities involve 18 Ministries of the Central Government of Greece. The objective of the pilots is the enhancement of the purchasing bodies to replace the existing air-conditioning machines (pilot A) and the existing internal lighting (pilot B) in the buildings of their Headquarters in Attica region with new energy efficient ones in terms of the general scope of green public procurement policy.

## Italy

### UCV - Unioncamere del Veneto and Veneto Region

In the Veneto region two buildings were chosen as pilots, on the basis of their energetic inefficiency and their role for the community in which they are located.

One is the "Angelo Codello" Elementary School in Valdobbiadene, whose refurbishment aims to a seismic adaptation of the building to current regulations and a simultaneous improvement of its energy performance. For the preparation of the call for tender there has been a fruitful collaboration with UCV, which transferred to the municipal administration what has been developed in terms of tools and EGPP platform. The company winner of the tender should complete the works in September 2018.



*School building front view*

The other chosen building is Palazzo Ancilotto in Santa Lucia di Piave. It's an historical building , that means that it's bound by the laws protecting cultural heritage. Respecting this restrictions, the project plans to renew the heating system, replace the wiring and the lighting system and also to improve the roofs and windows' insulation. TSL -



*Palazzo Ancilotto*

## Terre di Siena Lab

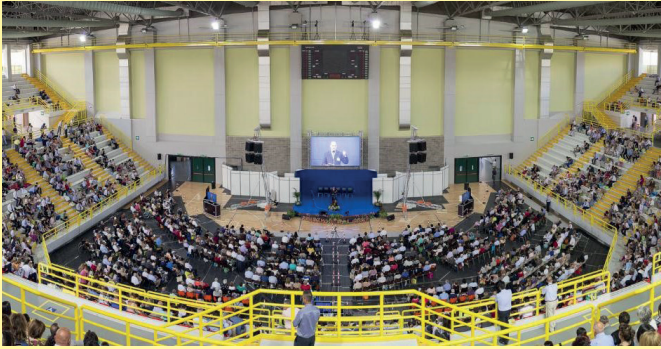
TSL prepared a list of potential pilots selecting 30 buildings by calculating the energy consumption. On the basis of the resulting list, energy audits and proposed projects, 2 buildings were chosen by identifying the available financial tool. The refurbishment of the other pilots has been postponed by finding more suitable financial opportunities. The chosen buildings were the «Staggia Senese Gymnasium» and the Middle School «Leonardo da Vinci» in Poggibonsi. As regards the «Staggia Senese Gymnasium», the tender is closed and the refurbishment is almost completed, while for the «Leonardo da Vinci», the Municipality of Poggibonsi has decided to not use the financial tool used for the «Staggia Senese Gymnasium» (avoiding the Stability Pact restrictions), so the tender will have a slight delay.

## CMAB – Mountain Community Alto Basento

CMAB selected three energy-inefficient public buildings in Provincia di Potenza with a key role in the frame of the local district (high public interest, district valence, high energy consumptions).

1. Palabasento: it's located in Potenza and it's the biggest sport building in Basilicata Region. It's used for basket, volley, concerts and meetings;





2. Public swimming pool: it's located in Campomaggiore (PZ). It includes two pools: a big one a small one; These pilots were implemented



3. CMAB headquarters: it is the main office of the CMAB. Its total surface is about 500 sq. metres and it's operational 5 days per week.



to improve the energy efficiency and concerned the installation of a static autotransformer with electronic control and PWM technology electricity saving (Pulse Width Modulation).

## France

### SIEEP - Inter-District Association of Electrification and Lighting of Haute-Corse

SIEEP owns a building and a hangar they plan to turn in nearly zero energy buildings thanks to a large refurbishment operation. In the short term this operation starts with outdoor lighting renovation (access to the building and parking). SIEEP's GRASPINNO pilot consists in organizing the green public procurement for the renovation of these lighting points. Their "green goal" is to acquire a LED technology which will advantageously replace the sodium lamps thanks to:

- About 71 % energy savings per lighting point
- Decreased carbon footprint
- Minimum maintenance

- Possibility of later reprogramming directly to the spot using a controller plugged into the driver USB port and allowing to unlimitedly manage, program and reprogram
- Uniformed and sustainable lighting



*Example After / Before*

## Spain

### CCIT – Chamber of Commerce and Industry of Terrassa

CCIT choose two project for develop the GRASPINNO pilot. One of them is the Chamber of Commerce Headquarters building focused on the light system renovation. Using GRASPINNO methodology and concretely the LCC tool, different offers presented by potential providers were analysed. This method contributed to choose the best option with the final decision.

On the other hand, the second project was on Polytechnic University of Catalonia (UPC). Concretely two buildings are concerned in Terrassa Campus with a solar plant installation, and the project is involving young engineers. One of the buildings is finished and now the improvement on the energy category is going to be verified, with the audit. On UPC project, GRASPINNO platform was very useful, especially the database, which made easier have information about different kind of products and compare them.

## Bosnia and Herzegovina

### Gouvernement of Zenica-Doboj Canton – Department for Development and Internal Projects

In Zenica-Doboj Canton (BiH) the pilot tenders have been implemented in process of refurbishment of two public buildings (local/municipal health and cultural centres). Refurbishment of these buildings, that are very significant for local communities, covered the replacement of windows and external doors in order to secure reduction of heat loss, lower consumption of energy, lower pollution of environment, better conditions for visitors, patients and staff.

After the audits of the pilot sites, identification of needs and definition of optimal green solutions, green tenders were prepared using the unified eGPP platform. Cross-evaluation of green and non-green tenders by the LCC tool and collection of data on the energy efficiency achieved after the refurbishment are planned in next months and expected to prove all GRASPINNO's innovative features.

# GREEN FUND LIVING LABs

## Greece

The Green Fund Living Lab (LL) in Greece has been initialized by the General Secretariat for Commerce and Consumer Protection and the University of Patras, while ATLANTIS Consulting will contribute towards its successful implementation. The Greek LL is established in a national level and it operates under the main scope of identifying and promoting funding and mentoring mechanism opportunities for green growth. The main activity of the LL is to identify which coaching and funding services the SMEs would need to stimulate them for eco-innovation and green energy refurbishment of public business. Alongside the LL will also identify financial tools, grants, types of partnership, possible financial interventions for PAs to establish green refurbishment of their buildings and green procurements procedures.

## Italy

Comunità Montana Alto Basento and Terre di Siena Lab are the leaders of the Green Fund and Green Policy Living Lab. The organizations will work on the same topics with different local stakeholders, but also organizing common events or workshops in Basilicata Region and Toscana Region of Italy. This Living Lab is going to introduce innovative financing procedures shared by all the stakeholders (Public and Private Partnership) and prepare specific policy recommendations in order to have a correct approach in terms of planning.

Furthermore, it will help local public stakeholders in cooperating to set-up new local governance model, in order to improve the local capacity building and the joint management in the field of energy efficiency and renewable energy sources. should complete the works in September 2018.

## Slovenia

Although in Slovenia the green public procurement is set in place and legalized, the level of its implementation varies among public authorities. Additionally, the PAs and also SMEs, are still less in favor of electronic public procurement and are still using paper version for tender implementation. With that purpose the eGPP Living Lab (LL) in Slovenia has been established to engage various stakeholders and to transfer knowledge obtained within the project pilot's actions to exchange experience or concerns for green growth, especially including end-users. Until now, 9 stakeholders participate in LL: Faculty of Energy Technology, Ministry of the environmental and Spatial Planning, Krško municipality, Sevnica municipality, Kindergarten Čebelica – Šentjernej and SMEs: ZEL-EN, Kres and Ertis.



*eGPP Living Lab stakeholder education held in Krško (Slovenia) on 12.1.2018*





GRASPINNO PROJECT



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Learn more about GRASPINNO:  
[www.graspinno.interreg-med.eu](http://www.graspinno.interreg-med.eu)

Discover GRASPINNO activities:  
[www.graspinno.eu](http://www.graspinno.eu)



**UPATRAS - GREECE**

University of Patras - Department of Civil Engineering



**UM - SLOVENIA**

University of Maribor



**PWD - CYPRUS**

Ministry of Transport, Communications and Works - Department of Public Works



**ATLANTIS - GREECE**

Atlantis Consulting SA



**SIEEP - FRANCE**

Inter-District Association of Electrification and Lightning of House-Corse



**GSCCP - GREECE**

General Secretariat for Commerce and Consumer Protection - General Directorate of Public Procurement



**TERRE DI SIENA LAB - ITALY**

Terre di Siena Lab



**UCV - ITALY**

Association of Chambers of Commerce of Veneto Region



**CHAMBER TERRASSA - SPAIN**

Chamber of Commerce, Industry and Services of Terrassa



**MCAB - ITALY**

Mountain Community Alto Basento (Program Area Basento Carnastra)



**VR - ITALY**

Veneto Region - Energy Department



**DDIP - BOSNIA AND HERZEGOVINA**

Government of Zenica-Doboj Canton - Department for Development and International Projects