



Efficient Buildings Made in MED

Project co-financed by the European Regional Development Fund

In April the Interreg MED Programme organized its mid-term event in Rome “Made in MED. Crafting the future Mediterranean”. From 18th to 19th of April about 800 people met to showcase projects results and to discuss the future of the Mediterranean region. Many partners of the Efficient Buildings Community’s projects participated to the event. The first day was mainly dedicated to the communities, which had the chance to highlight how their approaches towards the main challenges of the Mediterranean area: climate change, blue economy opportunities and inclusiveness of growth. For the Efficient Buildings Community in particular this was the moment to put under the spotlight the modular projects’ contributions towards climate change mitigation. Modular projects are supporting local authorities across the Mediterranean to find ways to reduce public buildings’ energy consumption: integrated information systems that help identify the best technology and scale for refurbishment projects; energy performance contract (EPC) financial models that allow to design bankable investments; training modules to increase public authorities’ capability to take advantage of such tools. The Efficient Buildings Community had also a dedicated stand in the exhibition area where representatives of horizontal and modular projects showcased the main results of their projects.

During the second day, the floor was left to representatives of European institutions and national governments, who discussed the current policies and the future governance of the Mediterranean area, highlighting the role of transnational cooperation to power up the transition towards a sustainable and inclusive growth. Local experiences from modular projects can be part of this process, but more commitment is needed in order to bring them to the higher decision-making level.

The event managed to create a very stimulating

atmosphere for a lively exchange and cross-fertilization across the various Med Communities. The exhibition proved a unique occasion to experience first-hand what communities are doing and prompted participants towards obvious and not-so-obvious pattern of cooperation. The plenary panel discussion highlighted, from different angles and perspectives, the importance of this joint effort. The Efficient Buildings Community’s contribution to this event was very much in line with this inter-community collaborative approach, as demonstrated by its concrete commitment to joining forces with the Renewable Energy Community to advocate for modular projects’ energy policy -related requests. The two communities together co-organized a joint side-event on the 17th of April. It was the occasion for all the modular projects to exchange their experiences and their opinions, finding new synergies across the two communities in terms of policies, business-models and inclusiveness. It has been a fruitful and positive experience and the two communities agreed to replicate this format, co-organizing a joint annual congress on the 18th and 19th of October in Ljubljana.

18-19
October
2018

SAVE THE DATE

Best Western Premier Hotel Slon,
Slovenska cesta 34, Ljubljana

“Building Our Capacity of Influence for
an efficient, inclusive and renewable
energy model for MED area”



THE COMMUNITY'S ACHIEVEMENTS

The Efficient Buildings Community takes over from **SISMA** project

■ <https://sisma.interreg-med.eu/>

SISMA is concluding its path and its main results are going to be available to the public. The SISMA partnership performed a short but interesting journey during the 21 months of the project's duration. After a first "survey" phase, partners identified the EU best practices that were developed for the application of EE measures in public buildings, as well as the European stakeholders that were already active on these topics. Later on, the year 2017 concluded with the elaboration of the SISMA Model. The model, composed by an Excel® file and a set of guidelines for its compilation, is meant to support public authorities in better-using the available resources for the renovation of public buildings. It includes some data about the building, such as the year of construction, thermal and electrical demands and the proposed types of investments. With this, the tool gives a snapshot of the minimum amount of public subsidy needed to activate financial mechanisms, such as the EPC, and to consider the investment "bankable" for the private market. In addition, the clear definition of the complete process (from the initial audit to commissioning and M&V -Measurement & Verification - compliant with ICP International protocols) helps local public authorities identify "lighter" and easier tendering procedures, and prioritize investments. A remarkable fact is that by saving the constraints that hold back public authorities from undertaking deep energy refurbishment of public buildings, SISMA SET Model supports the fulfilment of the requirements set by the Energy Performance of Buildings Directive (2013/31/EU) on public buildings. It complies with the minimum energy performance requirements for major renovation of buildings and Nearly Zero Energy Buildings by 31st December 2018. This is what the SISMA tool is: a guide for local public authorities for better planning investments on deep

The SISMA partnership renovations in public buildings, without the need of deep technical expertise and the submission of huge amounts of data. The dissemination of the tool is now in its core phase. At the moment of submitting this article, four out of the six foreseen national workshops have already been implemented. They have counted with more than 90 participants from local public authorities, ESCOs, insurance companies and banks. In addition, Informest and APE FVG -Friuli Venezia Giulia Energy Agency- experimented local "rounds" of four other workshops in their region. They were held with the aim to achieve closer contact with the local public authorities and to receive their real feedbacks on the possible use of the SISMA SET Model in municipal buildings. These local "rounds" received a positive participation of 60 local representatives. The project officially closed on June 21st of 2018, in Nova Gorica (Slovenia), with a final conference. It was organized as a debate and allowed representatives of public authorities, banks, and ESCOs to share their opinions.

Also invited to the conference were all partners belonging to the MED Community, with which in the last months SISMA partners established several good collaborations. For example, a collaboration with Sherpa project can be mentioned. This collaboration included the signing of a "Memorandum of Understanding" of the utilization of the SISMA tool for the evaluation of the Sherpa buildings, as well as the mutual exchange of information and data with Energy and Impulse projects.

We hope that this fantastic journey with SISMA will continue in the future. With new opportunities and collaborations addressed to having more efficient buildings in the Mediterranean area and to securing a cleaner environment.

The SISMA partnership

The SISMA partnership



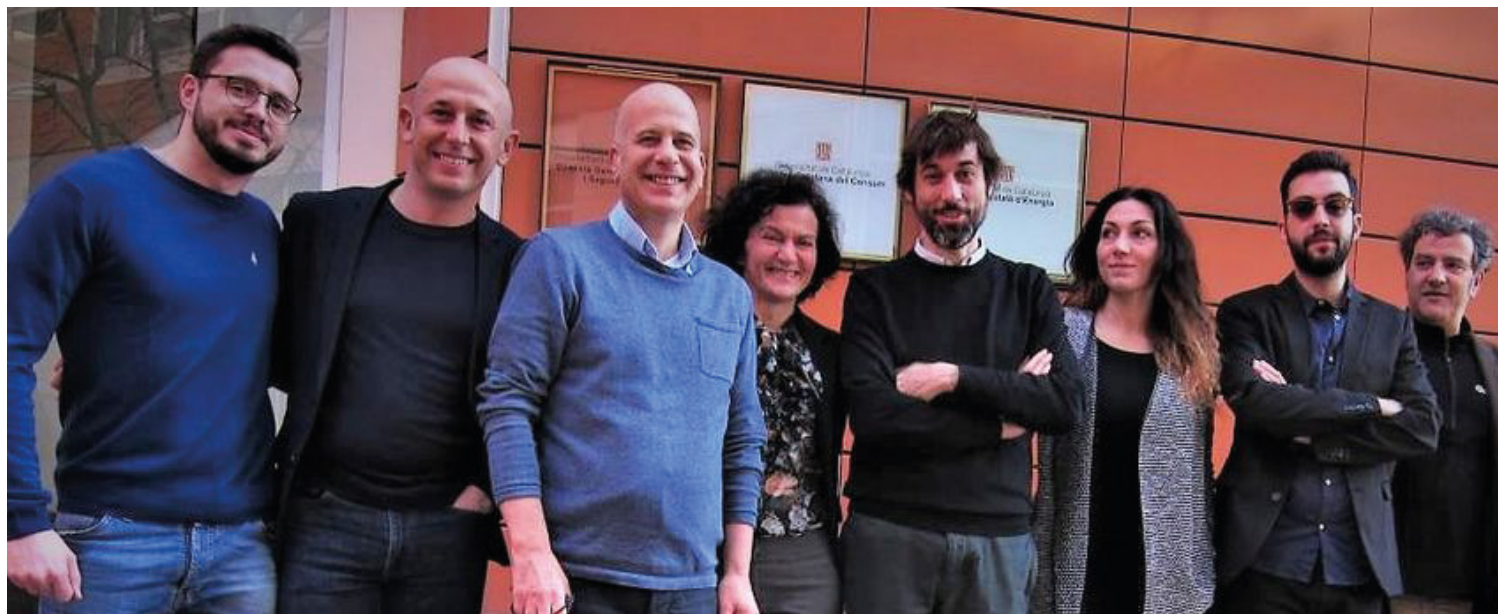
NEW FINANCE's legacy: energy performance contracts in five regions

■ <https://new-finance.interreg-med.eu/>

NEW FINANCE project is approaching its last phase and reaching its final results. The main purpose of NEW FINANCE project is to accelerate new investments in energy efficiency and renewable energy sources in public buildings by increasing the confidence of key decision makers from public and financial sector. To reach this goal, the project focused on effective replication of proven implementation models and smart networking activities equally involving stakeholders from public and private sector whilst capitalizing on several previous and ongoing similar initiatives.

The first step in this process was to collect existing good practices and make them visible to the public, through the NEW FINANCE web platform. The platform serves as a tool for networking between public building owners and investors such as construction professionals, ESCO-s and financial institutions.

The second step was to recognize the main problems and to elaborate a business case for energy efficiency investments and integration of renewable energy sources in public buildings. The Business Case is supported by several surveys addressed to public building owners, financial institutions and ESCOs from different regions. The surveys highlighted the main drivers, trends, opportunities, barriers, perceived risks and benefits related innovative financing models for energy retrofit projects. The document includes different case studies in different types of public buildings using financing models such as Energy Performance Contracting (EPC)



NEW FINANCE's Team

and Public-Private-Partnership (PPP).

Another very important output of the project is the Benchmark Report including methodology on 12 innovative business models, implemented across partners' countries (Bosnia and Herzegovina, Croatia, Italy, Slovenia and Spain).

In terms of stakeholder engagement, the project organized 5 conferences at national and regional level, to bring together national stakeholders from public and financial sectors to discuss innovative financing models and find partners for new business opportunities. 13 energy management training sessions were also organized for about 300 public sector representatives, teaching them how to provide financing for energy efficiency projects. The final outcomes of these educational activities are four videos to increase knowledge about private financial initiatives.

In its last phase NEW FINANCE is delivering five financial contracts for new EE investments in public buildings. Project partners acted as facilitators, providing technical assistance to the tendering phase and they contributed to the final signature of the contracts. Up to now two contracts have been signed, targeting 15 public buildings in six municipalities in two different regions in Slovenia. Contracts are based on Energy Performance Contracting (EPC) model, where an external organization (ESCO) will implement the energy efficiency project and repay the investment from the stream of income from cost savings. Part of the investment is also co-financed with a non-refundable grant (40% of the investment value), approved in the "Call for co-financing of energy renovation of public buildings" by Ministry of infrastructure, Slovenia. Other contracts are in their finalization phase and they all will be NEW FINANCE's legacy.



EDUFOOTPRINT

<https://edufootprint.interreg-med.eu/>

The EduFootprint project is going through its testing phase with the draft of the seven preliminary reports on testing (one per testing area, including school energy plans and the training of each school involved). Moreover, the project finalized a mobile APP linked to EduFootprint's automatic environmental footprint calculator. Concerning the dissemination activities, the project has developed 47 storytelling videos and it defined the rules of the upcoming EduFootprint Competition Award.

IMPULSE

<https://impulse.interreg-med.eu/>

IMPULSE has produced transnational protocols and platforms for the classification of public buildings. It is based on energy-related criteria, for the prioritization of energy-upgrading scenarios and the projection of impacts at larger scales. The protocols have been tested by the means of building categorization and energy analysis in the 6 pilot cities of Heraklion, Elche, Cannes, Ravenna, Osijek, and Mostar. In total, 370 public buildings are classified into typologies. For each typology, the energy simulation survey and the exercising of the KPIs' processing platform provided a reliable hierarchy of replicable energy-upgrading scenarios ranging from minor to deep retrofits. These results prepare Mediterranean public authorities to be able to conduct affordable energy action plans for their public buildings in compliance with the EE Directive 2012/27/EE. Sample results were presented in the exhibition and video rooms of the "Made in MED" conference in Rome. In terms of synergies with other projects, the IMPULSE shares a MoU with SHERPA. A new MoU is planned to be signed in June 2018 with the PrioritEE project.



EduFootprint presenting its results at the Efficient Building Community stand at Made in MED event

IMPULSE partnership



ENERJ

<https://enerj.interreg-med.eu/>

In the last months, ENERJ partners have developed target-specific training materials according to local specifications. It will be implemented until the end of 2018. The training course material for public employees and energy managers provides a basis for capacity building among the relevant experts on how to design and implement Joint Municipal actions. ENERJ produced the Guidelines for Joint Actions for Energy Efficiency. They provide indications on

administrative reorganization, preliminary analysis activities, stakeholder involvement and indications on funding, tendering and contracting. Finally, ENERJ has developed the ENERJ Database which collects, on the one hand, energy-related specifications from public buildings and, on the other, the description of the SEAP actions concerning energy efficiency of public buildings. The database is mainly directed towards two target groups: local administrations and ESCOs.



ENERJ's Local conference in Kalamaria, Thessaloniki, Greece.

SHERPA

<https://sherpa.interreg-med.eu/>

SHERPA is now approaching the end of its testing phase (WP3) and preparing for the module transition. Coinciding with the MADE in the MED event (held in April in Rome), partners met to debate on the state of the art of the WP3. The partners presented their respective regional buildings' characteristics and the measurements carried out and elaborated in their regional training sessions. The upcoming Steering Committee (17-18th of July 2018 in Marseille) will coincide with the Joint Transferring Seminar. The content of the National Transferring Seminars that aims to share the results and conclusions of the Testing WP to the other regions and municipalities within SHERPA's territories and further across the MED area will be discussed. In order to prepare its capitalization, SHERPA is also promoting its activities through the Interreg MED 'Efficient Buildings' community (IMPULSE, CESBA MED, EDI Net etc.) and the IMC Task Force on Energy Efficiency.

TEESCHOOLS

<https://teeschools.interreg-med.eu/>

TEESCHOOLS partners have completed energy audits in pilot school buildings in 7 countries. The energy loss sources have been reported and a database of best practices for energy renovation has been created. Partners also collected the financing schemes from all the countries involved. From now until October 2018, an integrated set of tools and methodologies for energy efficiency support in schools and a carbon footprint calculator will be developed. TEESCHOOLS also took part of the "MADE in MED" event in Rome. It was present at the Efficient Buildings community exhibition area. The partners had the opportunity to identify synergies with other modular projects such as EduFootprint, SISMA and IMPULSE. The development of electronic tools to monitor the GHG emissions produced by public school buildings, the work done in the schools for community involvement, as well as the identification of financing schemes and solutions are only some of the fields of common interest among the different projects.



PrioritEE

<https://prioritee.interreg-med.eu/>

PrioritEE partners are currently working on the setup of the pilot studies and on the implementation of the main components of the PrioritEE toolbox. A Decision Support Tool (DST) has been implemented to support Local Administrations in selecting and ranking EE/RES interventions in about 100 MPBs in the pilots, according to investments and energy savings. A structured analytical database of EE/RES technical measures is under finalization and will provide country-specific key input for the PrioritEE toolbox.

Moreover, PrioritEE is engaged in the dissemination activities: the first of the eight “How-To Briefs” on “Building envelope and sustainable thermal comfort in public buildings” is now available and has been translated in the five MED languages (Croatian, Greek, Italian, Portuguese, and Spanish). Furthermore, partners are developing a repository of actions to enhance awareness and foster EE behaviour and infrastructure to access open data and knowledge.

PrioritEE team



STEPPING

<https://stepping.interreg-med.eu/>

Thanks to several regional events and direct contacting, STEPPING partnership has already identified more than 50 municipalities for energy assessments and the implementation of investment plans for the energy refurbishment of about 90 public buildings. The interventions will be carried on in four countries by pooling municipalities/buildings and launching EPC tenders. Partners are now working on a flexible training package to be used during the various training sessions involving different types of target groups. An explanatory EPC video is already available in seven languages, other interactive tools will be soon developed.

The stakeholders' consultation activity has also started, which will be crucial for the drafting of the MED EPC Policy Recommendation.



STEPPING National Event in Torino, Italy



CESBA MED

<https://cesba-med.interreg-med.eu/>

CESBA Neighborhood Award 2018 is part of the SBE Urban Challenge. Sustainable Business Environment (SBE) Urban Challenge is a global process that seeks to develop an assessment system for rating the sustainability of urban areas. CESBA MED organizes the CESBA Neighborhood Award 2018 as a part of the SBE Urban Challenge. With the Hellenic Ministry of Environment and Energy, the European Energy Award, FEDARENE, iisBE and SBE 20 the CESBA

Neighborhood Award could gain its first partners for the Award. More partners are very welcome. The Award will deliver an overview on exemplary neighborhoods in Europe, improve the quality of life for inhabitants, minimise negative impacts on climate and resources as well as capitalize key performance indicators on the CESBA SN-Tool (Sustainable Neighborhood Tool). More info on: cesba-med.interreg-med.eu

WE WERE THERE: THE COMMUNITY'S EVENTS OF THE SEMESTER

23-24th of November 2017, Malta, ENERJ Interregional Project Meeting

30th of November 2017, Lisbon (PT), IMPULSE participated to MEDENER Conference "Addressing climate change and migration in the Mediterranean region through energy transition"

7th of February 2018, Treviso (IT), EduFootprint National conference "Efficienza Energetica 2.0"

20-21st of February 2018, Seville (SP), EduFootprint 4th meeting

1st of March 2018, Barcelona (SP), NEW FINANCE 3rd Steering Committee

7-8th of March 2018, Nice (FR), TEESCHOOLS 3rd Steering Committee

15-16th of March 2018, Karlovac County (CR), PrioritEE's 1st Case Study Exchange Visit on Capacity Building

17-19th of April 2018, Rome (IT), Interreg MED Programme Mid-term event "Made in MED"

25th April 2018, Kalamaria (GR), ENERJ Local conference

22-24th of May, Reggio Calabria (IT), PrioritEE participated to New Metropolitan Perspectives (NMP 2018)

17th of May 2018, Florence (IT), SISMA National Conference

30th of May 2018, Torino (IT), STEPPING National Event

12th of June 2018, Barcelona (SP), CESBA MED Neighborhood Award 2018 launch event

13-15th of June 2018, Messina (IT), PrioritEE participated to ISDR 2020 "Actions for a sustainable world: from theory to practice"

21st of June 2018, Nova Gorica (SL), SISMA final conference

21-22nd of June 2018, Athens (GR), PrioritEE Mid-term Conference





NEXT EVENTS.

Read the full calendar here

<https://teamup.com/ks3igafk2z6w6pa8ns>

17-18
July
2018

MARSEILLE (FR)

SHERPA Steering Committee and Joint Transferring Seminar

03-04
Oct
2018

SANTARÉM (PT)

PrioritEE 2nd Case Studies Exchange Visit on Decision Support Tool

14-16
Nov
2018

GOZO (MT)

5th **CESBA** Sprint Workshop 2018

3 days of exchange for people who like to network and develop common projects. Latest challenges in the built environment, policy implementation and participation, usage and adaptations of tools and indicators, pooling resources as well as energy renovation in buildings are discussed. Registrations are open on: cesba-med.interreg-med.eu/index.php?id=8460



Modular Projects' Events

18-20
Sep
2018

SPLIT (CR)

TEESCHOOLS 4th Steering Committee and Workshop and Training for stakeholders

18-19
Oct
2018

LJUBLJANA (SL)

Thematic/Capitalization event. **Efficient Buildings & Renewable Energy.**

The Efficient Buildings Community and the Renewable Energy Community join the forces for the annual event "Building our capacity of influence for an efficient, inclusive and renewable energy model for the MED area". The meeting will be dedicated to the capitalization of projects results with the support of the Union for the Mediterranean and the presence of Dominique Ristori, General Director for energy, EU Commission.



Horizontal Projects Events

25-26
Sep
2018

TIRANA (AL)

EduFootprint 5th Steering Committee

25-26
Oct
2018

Elvas (PT),

STEPPING 4th Project Meeting

CONTACTS



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