



**MARIE**

MEDITERRANEAN BUILDING  
RETHINKING FOR ENERGY  
EFFICIENCY IMPROVEMENT



## JOINT NEWSLETTER OF PROJECTS GRASP, MARIE & PEEBPE

In the recent BEERES conference that was organized by the Technological Institute of Western Macedonia in Kozani, Greece 2014, representatives of the projects GRASP, MARIE & PEEBPE had the chance to explore potential synergies. They drafted an MoU of cooperation and decided to create a joint newsletter, with news and information on the three projects and their interaction.

### GRASP PROJECT

#### 1. Theme of the project



The main theme of the “GRASP: GR<sup>een</sup> procurement And Smart city suPport in the energy sector” project is built on the MED objective for the promotion of innovative energy solutions in *smart cities*.

GRASP will support MED smart cities to increase their potential of deploying smart and green e-Procurement with focus on renewable energy and energy efficient solutions. The project will implement its transnational activities considering related EC directives and Regulations, as well as national regulations of the participating MED countries, in Public Procurement.

#### 2. Goals and objectives

The main objective of GRASP is to support cities, municipalities, regions in adopting innovative solutions in the energy sector, and strengthen them interregionally through the use of a green transnational electronic procurement system. The project moves in 3 main paths of action:

- Strengthening green procurement in MED region, with emphasis on energy (e.g. renewable sources, "green" materials), through use of online supply management.
- Supporting green energy solutions, which strengthen the capacity of local/regional authorities to set, use and assess quality green requirements.
- Sharing expertise and best practices amongst authorities in the project, and supporting dissemination/information to stakeholders, including SMEs.



### 3. GRASP Consortium

- University of Patras, Ellas (LP)
- Province of Perugia, Italy
- Institute for the Research and Improvement of Social Sciences (IRISS), Malta
- Chamber of Commerce and Industry of Terrassa, Spain
- Mountain Community ALTO BASENDO, (Program Area Basento Bradano Camastra), Italy
- Municipality of Spata-Artemis, Ellas
- APEA Siena - Provincial Agency for Energy, Environment and Sustainable Development, Italy
- ATLANTIS Consulting, Cyprus
- Chamber of Commerce, Industry and Navigation of Castellón, Spain
- Inter-District Association of Electrification and Lighting of Haute-Corse (SIEEP), France
- Municipality of Pilea-Hortiatis, Ellas
- University of Vlora "Ismail Qemali," Albania
- City Development Agency East Sarajevo-RAIS, Bosnia & Herzegovina

### 4. Contact Information

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 GRASP Coordinator  
 University of Patras, Ellas  
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### 5. Website of the project

<http://www.grasp-med.eu>

## 6. Synergies with other projects

The first set of key synergy actions of GRASP have been with two MED projects, REPUBLIC-MED and REMIDA. The three projects started their synergetic interactions at the GRASP Kick-off Meeting in May 2013, where the participation by the two other projects signalled their interest in using similar information and methodologies in the areas of Energy Efficiency (EE) and Renewable Energy Sources (RES).

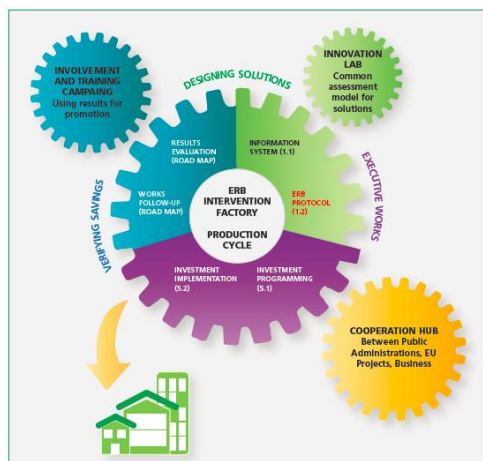
In February 2014 in Spata, Ellas, the three projects reached a common milestone by undersigning a Memorandum of Understanding (MoU). The *Spata MoU* addresses the fields in which each project can assist each other. In Spata, the three projects also set the stage for future common actions and cooperation.

## MARIE PROJECT

### 1. Theme of the project



MARIE Strategic project, entitled: “Mediterranean Building Rethinking for Energy Efficiency Improvement” aims to establish the socio-economic conditions for Energy Efficiency (EE) improvement in the Mediterranean Building Stock in the framework of EU policy objectives, overcoming barriers and creating sustainable development opportunities in the MED area.



### 2. Goals and objectives

*Specifically, MARIE aims to achieve:*

- Adaptation and update of integrated urban and regional regulations for sustainable energy renovation of existing buildings
- Innovation of financing models for energy renovation of existing buildings, based on public - private synergies and the integration of funding sources

- The improvement and innovation in the supply of materials, products and services adapted to the current needs of energy renovation of existing buildings.

The *overall objective of the MARIE project* is the development of the Mediterranean Building Energy Efficiency Strategy (MEDBEES).

### 3. MARIE Consortium

- Effinergie, France
- CRMA - Chambre Régionale de Métiers et de l'Artisanat, France
- CR PACA - Région Provence-Alpes-Côte-d'Azur, France
- IREC - Institut de Recerca en Energia de Catalunya, Spain
- Generalitat de Catalunya - Departament de Territori i Sostenibilitat, Spain
- Generalitat de Catalunya - ACCIÓ, Spain
- EPSA - Public Land Agency of Andalusia, Spain
- Associació LIMA - Low Impact Mediterranean Architecture Association, Spain
- CTFC Centre Tecnològic Forestiere de la Catalogne, Spain
- Regione Umbria, Italy
- Regione Piemonte, Italy
- Regione Basilicata, Italy
- AREA Science Park, Italy
- A.R.E. Liguria, Italy
- University of Evora, Portugal
- Institute of Accelerating Systems and Applications, Hellas
- ANKO SA - West Macedonia Development Company, Hellas
- University of Ljubljana, Slovenia
- GOLEA - Local Energy Agency, Slovenia
- UMAR, Malta
- LCA - Local Councils' Association, Malta
- Larnaca Municipality, Cyprus
- Bar Municipality, Montenegro

### 4. Contact Information

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### 5. Website of the project

MARIE Project Web-site: <http://www.marie-medstrategic.eu>  
 MARIE Associated Partner Platform: <http://www.marieapp.eu>

## PEEBPE PROJECT

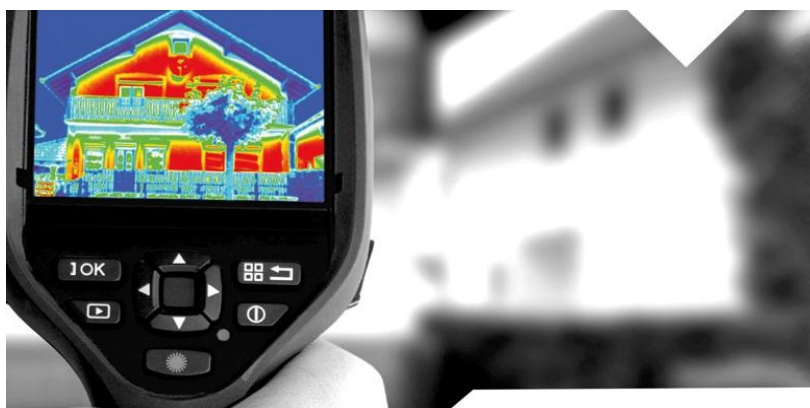
### 1. Theme of the project



A first step towards sustainable development and environmental protection is the carbon footprint estimation of buildings and the evaluation of their potential to decrease energy consumption. In this project, the first step for decreasing energy consumption in public buildings is described: the energy audits with in-situ measurements of 50 public buildings.

The required equipment, the procedure, the difficulties during the audits and the final results of such a large number of public buildings are presented for the first time. Three buildings with strong social interest are upgraded in terms of energy consumption class, leading up to 90 % savings of consumed energy.

### 2. Goals and objectives



- 1) International cooperation between scientific organizations, local private and the public sector will be established, as well as exchange of best practices and experiences in the field of buildings energy efficiency (BEE) from both cross-border regions and from abroad.
- 2) The issuance of Energy Efficiency Certificates renders the buildings of the Municipality of Prespes directly exploitable during the financial crisis in Greece.

- 3) Two public buildings in Prespes (the elementary school and the Kindergarten) and one in Resen (High school), with high social interest will become energy efficient.

### **3. PEEBPE Consortium**

- Technological Education Institution of West Macedonia, Ellas
- Municipality of Resen, FYROM
- Municipality of Prespes (Technical Advisor – Euroconsultants SA), Ellas
- Association for sustainable urban development ARCHITECTURE & AMBIENT – ARCHAM Bitola, FYROM

### **4. Contact Information**

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### **5. Website of the project**

[www.peebpe.eu](http://www.peebpe.eu)

## **Summing Up**

*The three projects, MARIE, PEEBPE and GRASP have agreed to sign a Memorandum of Understanding (MoU). Highlighting the cooperation amongst the 3 projects, the MoU will also guide the ongoing interaction in key common tasks. The MoU will be signed by the representative of the lead partner of each project. These are*

- Department of Territory and Sustainability (DTES) of the Government of Catalonia (Spain) for MARIE*
- University of Patras (Ellas) for GRASP*
- Technological Educational Institute of Western Macedonia (Ellas) for PEEBPE.*

*Focusing on the strengths and needs of each, the 3 projects will work together and support each other on the following:*

- Contribute to the development of practical databases, regarding technical and economic aspects of RES and EE interventions and action plans*
- Contribute to the specification of performance and green assessment indicators that will help policy makers, public agencies and eventually consumers to assess RES & EE investments and interventions*
- Stimulate demand by raising awareness among ‘users’ regarding EE/RES policies, technologies and solutions, and the implementation of green procurement incentives*
- Cooperate in common dissemination activities such as trilateral events, contact sharing of stakeholders; and playing a catalyst role in merging the actions of the three projects at local, regional, national and European level*
- Assist in the implementation challenges that each project is facing, such as the development of the Mediterranean Building Energy Efficiency Strategy (MEDBEES) in MARIE; Best Practices in Green Procurement and Legal Framework at National and European level in GRASP; improvement of existing buildings and design and construction of future buildings in PEEBPE.*

## Calendar of upcoming events

July 2014						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6
7	8	9	<b>10</b> Project meeting and Workshop (PEEBPE)	<b>11</b> Project meeting and Workshop (PEEBPE)	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

September 2014 *						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	<b>24</b> Targeted Seminar and Technical Meeting, Thessaloniki (GRASP)	<b>25</b> Workshop and Technical Meeting, Thessaloniki (GRASP)	26	27	28
29	30					

\* Seminars in Athens & Patras, Greece in September – Dates not finalized (GRASP)

October 2014						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
<b>27</b> Final Conference, WSB14 Mediterranean Area, Barcelona (MARIE)	<b>28</b> Final Conference, WSB14 Mediterranean Area, Barcelona (MARIE)	<b>29</b> Final Conference, WSB14 Mediterranean Area, Barcelona (MARIE)	30	31		



## November 2014

November 2014						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
					1	2 Presentation of PEEBPE results, International conference MEdPower2014- National Technical University of Athens
3 Presentation of PEEBPE results, International conference MEdPower2014- National Technical University of Athens	4 Presentation of PEEBPE results, International conference MEdPower2014- National Technical University of Athens	5 Presentation of PEEBPE results, International conference MEdPower2014- National Technical University of Athens	6	7	8	9
10	11	12	13	14	15	16
17	18	19 ITS Conference in Patras, Ellas (GRASP)	20 Final Meeting (PEEBPE)/ITS Conference in Patras, Ellas (GRASP)	21 ITS Conference in Patras, Ellas (GRASP)	22 ITS Conference in Patras, Ellas (GRASP)	23
24	25	26	27	28	29	30

## December 2014

December 2014						
Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1	2	3	4 Multi-Project Event in Kozani, Ellas (Possible date)	5	6	7
8	9	10	11 Multi-Project Event in Kozani, Ellas (Possible day)	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				