

MARIE TRAINING PROGRAM FOR IMPROVEMENT IN ENERGY EFFICIENCY (EE) OF EXISTING BUILDINGS

**F1 | BEST PRACTICES COLLECTION**

Best Practice Name:	RELS Project for EE Housing restoring in the Mediterranean Area (Project in progress)
Code:	SP_RE_US_05

Best Practice Description:

Type:	<input checked="" type="checkbox"/> Action for improvement in the EE	<input type="checkbox"/> Training experience (*)
Description:	<p>The objective of the project is to promote energetic restoring of housing buildings through the following actions:</p> <ol style="list-style-type: none"> <li>1. Definition of a model for the Mediterranean countries which include the following stages: diagnosis, measures selection, project drafting, development of works and results comparison before and after the works. Development of tools for the model implementation.</li> <li>2. Training of 12 technicians (65hours) on the model implementation.</li> <li>3. Model implementation in 7 pilot projects/buildings.</li> <li>4. Model validation with the pilot project results.</li> <li>5. Development of a training program and diploma RELS from the technicians training experience and the developed tools.</li> <li>6. Diffusion of the results through external training and the creation of a network of entities that promote and manage housing in the Mediterranean.</li> </ol>	

Location:	Italy (Cagliari), Tunisia (Sfax) and Spain, Catalunya (Taradell and Barcelona). Results dissemination and open seminar in Tunisia and Jordan.	Country:	Italy, Tunisia and Spain
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Contact (team):	<i>Anna Mestre. Coordinadora del projecte i Responsable de R+D+I        annamestre@gencat.cat        932287327</i>
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Type of building:	<input type="checkbox"/> Tertiary	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Mixed
Property:	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
Management:	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
Fields of action:	<input checked="" type="checkbox"/> Construction	<input type="checkbox"/> Maintenance	<input checked="" type="checkbox"/> Use
	<input type="checkbox"/> Energy generation and distribution		<input type="checkbox"/> Other
	<input type="checkbox"/> Replacement or implementation of renewable energies		<i>Which ones?</i>

Please, evaluate if the following processes take place in the Best Practice that you are describing in this form:

The <b>data collection</b> has been complete and rigorous	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<b>Communication and awareness</b> processes have been developed to disseminate this practice	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

<b>Training actions</b> have been provided	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Product and services</b> have been improved	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Jobs</b> have been created	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sustainable financial models</b> have been applied	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Agreements or <b>collaboration models</b> have been defined between parties	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Positive impact tested in the following fields (add quantitative data if you have):

<b>ENERGY EFFICIENCY IMPROVEMENT (EE)</b>	A reduction of a 20% of the energy demand is foreseen through improvement measures in the building and in the users' behavior
<b>FINANCIAL COVERAGE</b>	The investment is made with a European grant. Nonetheless, measures with ESE company interventions will be appreciated.
<b>EMPLOYABILITY POTENTIAL</b>	Contracting of 4 bioclimatic experts (one in Catalunya)
<b>OTHER</b>	As this is a social housing, in its starting point the use of energy doesn't guarantee the users' comfort in the building due to the difficulties to cope with the energy bill for the building's air conditioning. In this sense, the project would mean not as much as an energy consumption improvement but an improvement in the users' comfort.
<b>DIFFICULTIES</b>	The viability of the model in the private housing sector, without European funding. Lack of definition of competences and bioclimatic expert profile.

Agents involved in this experience:

<input checked="" type="checkbox"/>	Legislation agencies (ANME, Energy legislation in Tunisia, AHC, building legislation in Catalunya)
<input checked="" type="checkbox"/>	Public promoters (AREA, Sardinia)
<input checked="" type="checkbox"/>	Private promoters (SEACNVS)
<input checked="" type="checkbox"/>	Technical public institutions
<input checked="" type="checkbox"/>	Technicians of the private sphere (professional associations ...)
<input checked="" type="checkbox"/>	Builders
<input checked="" type="checkbox"/>	Industrials
<input type="checkbox"/>	Facility Managers (property managers, cleaning companies ...)
<input type="checkbox"/>	Energy supply companies
<input checked="" type="checkbox"/>	Users/owners (homeowners association, schools ...)
<input type="checkbox"/>	Other:
<b>GAPS</b>	Lack of <i>Building Life Cycle Facility Manager</i> profile

(\*) RR\_BB\_FF\_NN

RR Country: CY (Cyprus), FR (France), GR (Greece), IT (Italy), MT (Malta), PO (Portugal), SL (Slovenia), SP (Spain)

BB Type of building: RE (residential), TE (tertiary), MX (mixed)

FF Field of action: CO (construction), MA (maintenance), US (use), EN (energy generation and distribution), OT (other)  
(in case of affecting more than one field of action choose the most relevant)

NN Number of the practice: 01, 02, 03...