

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

**F1 | BEST PRACTICES COLLECTION**

Best Practice Name: 

Energy efficiency training and awareness projects within the project Rehabitat addressed to the different agents involved in social housing management and maintenance.
---

Code: 

SP_RE_MA_06
-------------

Best Practice Description:

Type: 

<input type="checkbox"/> Action for improvement in the EE	<input checked="" type="checkbox"/> Training experience (*)
---	---

Description: 

<p>The objective of the training is to qualify technicians of the Agència de l'Habitatge de Catalunya in the management and maintenance of existing thermal solar installations and in the good practices of housing use in order to be agents of change in the improvement of energy management of social housing buildings. Therefore, pilot experiences of users' training/awareness were developed.</p> <ul style="list-style-type: none"> <li>- Training in thermal solar installations maintenance and management.</li> <li>- Energy Workshops addressed to users of social housing with thermal solar installations.</li> <li>- Training of proximity agents (technicians in contact with the users) in good practices in the use and maintenance of housings (energy efficiency and other environmental aspects).</li> <li>- Training in good practices of use and maintenance of buildings addressed to neighbors of buildings with thermal evolving reconstruction.</li> <li>- Support videos for social housing users: Energetic rehabilitation, buildings maintenance, thermal solar installations, good environmental practices in buildings' use.</li> </ul>
--

Location: 

Barcelona	Country: Spain
-----------	----------------

Contact (team): 

Anna Mestre. Responsible of R+D+I annamestre@gencat.cat 93 2287327
--

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 type="checkbox"/> Construction	<input checked="" 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	No
	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Communication and awareness</b> processes have been developed to disseminate this practice	Yes	No
	<input checked="" type="checkbox"/>	<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 type="checkbox"/>	<input checked="" type="checkbox"/>

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

<b>ENERGY EFFICIENCY IMPROVEMENT</b> (EE)	Improve the control and management of the solar installations to guarantee its correct functioning and, therefore, the contribution of solar energy for SHW in social housing buildings. Good practices in the energy use in buildings.
<b>FINANCIAL COVERAGE</b>	The different training actions have been funded in a 65% with a FEDER fund.
<b>EMPLOYABILITY POTENTIAL</b>	Three companies were contracted.
<b>OTHER</b>	
<b>DIFFICULTIES</b>	High diversity of agents and different kind of profiles.

Agents involved in this experience:

<input checked="" type="checkbox"/>	Legislation agencies
<input checked="" type="checkbox"/>	Public promoters
<input type="checkbox"/>	Private promoters
<input checked="" type="checkbox"/>	Technical public institutions
<input checked="" type="checkbox"/>	Technicians of the private sphere (professional associations ...)
<input type="checkbox"/>	Builders
<input type="checkbox"/>	Industrial
<input checked="" type="checkbox"/>	Facility Managers (property managers, cleaning companies ...)
<input type="checkbox"/>	Energy supply companies
<input type="checkbox"/>	Users/owners (homeowners association, schools ...)
<input type="checkbox"/>	Other:
<b>GAPS</b>	Lack of technicians training before the development and implementation of the legislation. High number of agents involved and difficulty to visualize the relevance of each agent in the participation of the objectives 20-20-20 for energy savings and its implementation. Lack of Building Life Cycle Facility Manager 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...