

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

**F1 | BEST PRACTICES COLLECTION**

Best Practice Name:	Development of professional integration and heritage buildings' rehabilitation workshops ("chantiers d'insertion").
Code:	FR-TE-OT-13

Best Practice Description:

Type:	<input checked="" type="checkbox"/> Action for improvement in the EE	<input checked="" type="checkbox"/> Training experience (*)
Description:	Association specialized in professional integration and professional training for people alienated from the workplace. It helps people getting back into the job market and organizes training for the people "in integration" that they employed on their sustainable "professional integration workshops" (or "chantiers d'insertion") in order to rehabilitate heritage buildings.	

Location:	MARSEILLE	Country:	FRANCE
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Contact (team):	<i>Name, position, company, address, tel, e-mail, web @</i>
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Type of building:	<input type="checkbox"/> Tertiary	<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Mixed
Property:	<input type="checkbox"/> Public	<input checked="" type="checkbox"/> Private	<input type="checkbox"/> Mixed
Management:	<input type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
Fields of action:	<input checked="" type="checkbox"/> Construction	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Use
	<input type="checkbox"/> Energy generation and distribution	<input checked="" 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:

	Yes	No
The <b>data collection</b> has been complete and rigorous	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Communication and awareness</b> processes have been developed to disseminate this practice	<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 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 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>	The training followed by the people "in employment re-integration" working on the rehabilitation sites has a sustainable vocation: <ul style="list-style-type: none"> <li>- All the "chantiers" or workshops use natural materials that respect the environment.</li> </ul>
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	<ul style="list-style-type: none"> <li>- The technical orientations limit the risks of on-site pollution and nuisance</li> <li>- A complete cycle of waste management is implemented in every sector ( selective refuse collection, monitoring of the disposal and waste channels)</li> </ul> <p>All the finished <i>chantiers</i> or workshops followed a quality environmental approach, reaching at least 20% of energy saving.</p> <p>Acta Vista is “environmental protection” certified (certification ISO 14001 in process), “<i>Building with hemp</i> training” certified and benefits from a partnership with ADEME (Agency for the Environment and Energy Management) in the scope of developing its training center for building industry, with support from the ERDF (European Regional Development Fund).</p> <p>Finally, Acta Vista is a member of BDM (Sustainable Mediterranean Buildings) and Envirobat associations which both support sustainable construction in PACA region.</p>
<b>FINANCIAL COVERAGE</b>	<p>The association finds funding through partnership or patronage thanks to donations and/or skills-based sponsorship.</p> <p>The eco-construction training stresses an analysis in terms of global cost in connection with the different types of financing and existing subsidies.</p>
<b>EMPLOYABILITY POTENTIAL</b>	<p>3800 job seekers have been hired by Acta Vista in the last 10 years;  200 people are hired each year on heritage building working sites;  200 000 hours of training are delivered each year;  60% of the employees “in professional integration” are admitted each year to a qualified professional title;  90% of the candidates obtain their “certificate of professional competence” (occupational proficiency certificate).</p> <p>A study about the Acta Vista scheme reveals that hiring each job seeker to work on the “chantiers” generates a gain of 7 to 10K € for the community, that is to say 1,3 M € / year.</p> <p>Its widespread application at a national level with a constant market would allow for the creation of 5000 jobs and a 53M € gain for the community.</p>
<b>OTHER</b>	<p>Acta Vista, with its 12 years experience, pursues its social and united vocation with the creation of M&amp;H, “<i>entreprise solidaire</i>” (social enterprise) working on the rehabilitation of heritage buildings and eco-construction. M&amp;H, specialized in eco construction, deploys its expertise thanks to its teams, dedicated and specialized in sustainable construction, renovation, and rehabilitation in order to promote social/low cost housing with reduced charges thanks to low energy consumption or passive performances.</p> <p>M&amp;H promotes and participates to the development of the local eco-materials industry.</p>
<b>DIFFICULTIES</b>	<ul style="list-style-type: none"> <li>- Difficulties related to the status of the association: the association relies mainly on public funding, which is subject to random.</li> </ul> <p>For the action on professional integration, it is constantly faced with employment measures changes and contracts can be modified without warning from one week to the next.</p>

	<p>The association and its actions are dependent on public authorities, and therefore on national, regional or communal elections. This is hard to manage since it is not foreseeable.</p> <ul style="list-style-type: none"> <li>- Professional integration workshops are considered unfair competition by the Building Federation.</li> </ul>
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Agents involved in this experience:

x	Legislation agencies
	Public promoters
	Private promoters
	Technical public institutions
x	Technicians of the private sphere (professional associations ...)
	Builders
x	Industrial
x	Facility Managers (property managers, cleaning companies ...)
	Energy supply companies
	Users/owners (homeowners association, schools ...)
	Other:

<b>GAPS</b>	<p>There is a need for working on a new economic model that is not or less dependent upon public authorities: proposing a new management, organization or strategy linked to market activity like opening the trainings to all players of the building industry.</p> <p>More, public procurement needs to be made subject to “eco” conditions in regards to sustainable development approaches, integrating energy but also environment, and the use of a “work integration” work-force.</p> <p>This would imply setting up joint consortiums with enterprises of the private sector.</p>
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(\*) **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...**

**(\*)IN CASE OF A TRAINING EXPERIENCE:**

Course name:	Eco-construction : raising awareness of fundamental principles
Duration:	2 days of 7 hours each
Web:	<a href="http://www.actavista.fr/les-formations/formations-pour-professionnels">http://www.actavista.fr/les-formations/formations-pour-professionnels</a>
Director/a:	BAO Céline Yordikian 1, bd Charles-Livon 13007 Marseille
Who is it aimed:	Building industry professionals (project managers, foremen, on site supervisors, architects, stone mason), employed or seeking employment, and wishing to retrain or to adapt to market changes.
Objectives:	Being able to analyze existing buildings in a BDM (sustainable Mediterranean buildings) approach for renovation work. At the end of the training, the trainees will be able to: <ul style="list-style-type: none"> <li>- Distinguish classifications and regulations linked to the BDM approach</li> <li>- Identify the stakes of European directives, environment regulation, Grenelle requirements and labeling (Effinergie, HQE - French standard for High Environmental Quality- ...)</li> <li>- Analyze an eco construction project on a comprehensive level for a better understanding of its implementation, its techniques and its materials.</li> </ul>
Program:	<ul style="list-style-type: none"> <li>- Comprehensive approach of an eco-responsible project: the lead principles for construction and renovation.</li> <li>- Understanding the eco-responsible approach in building: <ul style="list-style-type: none"> <li>• Environment friendly techniques</li> <li>• Environmental impact, from material conception to recycling</li> <li>• Taking into account the users' comfort and health</li> </ul> </li> <li>- The FCE approach (low energy consumption)</li> <li>- The HEP and VHEP labels (high and very high energy performance)</li> <li>- Understanding the standards, constraints and requirements of the BDM approach on a construction or renovation site.</li> <li>- Eco-materials used for: <ul style="list-style-type: none"> <li>• Structural work (Monomur, wood frames, mud-bricks ...)</li> <li>• Insulation</li> <li>• Finishing work (hemp or clay coating ...)</li> <li>• Framing and roofing</li> </ul> </li> </ul>
Methodology:	70% theory and 30% case study Formative evaluation and hands-on exercises

I agree to bring this experience to the database of the MARIE project, which will create a comprehensive training program for improving the energy efficiency of buildings in the area of the Mediterranean.