

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

F1 | BEST PRACTICES COLLECTION

Best Practice Name:	Retrofit of existing rural building
Code:	IT_RE_CO_12

Best Practice Description:

Type:	<input checked="" type="checkbox"/> Action for improvement in the EE	<input type="checkbox"/> Training experience (*)
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Description:	Redevelopment of an existing rural building through the implementation of the following: <ul style="list-style-type: none"> - laminated wood roof insulated with 24 cm of wood fiber panels - replacing all the windows ($U_w = 1.2 \text{ W / m}^2 \text{ K}$) - insulation cover on the outside (coat) in EPS (20cm thick) - attic insulation dispersant on the ground with 10 cm glass cell, - technical and constructive solutions aimed at the elimination of all the thermal bridges - radiant floor heating / cooling powered by PdC with geothermal plant, - forced ventilation with heat recovery - PV plant of power 13, 8 kWp
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Location:	Pezzana (VC)	Country:	Italy
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Contact (team):	Architect Gianni Carlo La Loggia
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Type of building:	<input type="checkbox"/> Tertiary	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Mixed
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Property:	<input type="checkbox"/> Public	<input checked="" type="checkbox"/> Private	<input type="checkbox"/> Mixed
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Management:	<input type="checkbox"/> Public	<input checked="" type="checkbox"/> Private	<input type="checkbox"/> Mixed
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Fields of action:	<input checked="" type="checkbox"/> Construction	<input checked="" type="checkbox"/> Maintenance	<input type="checkbox"/> Use
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<input type="checkbox"/> Energy generation and distribution	<input type="checkbox"/> Other
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<input checked="" type="checkbox"/> Replacement or implementation of renewable energies	<i>Which ones?</i>
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Please, evaluate if the following processes take place in the Best Practice that you are describing in this form:

	Yes	No
The data collection has been complete and rigorous	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Communication and awareness processes have been developed to disseminate this practice	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Training actions have been provided	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Product and services have been improved	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Jobs have been created	<input type="checkbox"/>	<input type="checkbox"/>
Sustainable financial models have been applied	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Agreements or collaboration models 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):

ENERGY EFFICIENCY	100% utilization of energy from renewable sources
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IMPROVEMENT (EE)	
FINANCIAL COVERAGE	The project has benefited of a co-financing regional from Regione Piemonte
EMPLOYABILITY POTENTIAL	
OTHER	
DIFFICULTIES	

Agents involved in this experience:

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

(*) **RR_BB_FF_NN**

RR Country: **CY** (Cyprus), **FR** (France), **GR** (Greece), **IT** (Italy), **MA** (Macedonia), **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:	
Duration:	<i>Training hours/ECTS</i>
Web:	
Director/a:	
Who is it aimed:	<i>Profile of trainees</i>
Objectives:	<i>What enables this training?</i>
Program:	
Methodology:	<i>Format (face-to-face, on-line), structure of sessions, visits, case studies, evaluation systems, dynamic sessions, other aspects ...</i>

X 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.