

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

F1 | BEST PRACTICES COLLECTION

Best Practice Name:	Online course of Energy Efficiency, Refurbishment and Financing
Code:	SP_RE_OT_13

Best Practice Description:

Type:	<input type="checkbox"/> Action for improvement in the EE	<input checked="" type="checkbox"/> Training experience (*)	
Description:	AVS is aware of the coming challenges of the future and we think that our members, its directive staff and technicians, need to depart in the best conditions to face these new challenges that are already here. That's the reason why AVS, together with the support of IVE (Instituto Valenciano de la Edificación), has designed an online course, with European funding, within the framework of our participation in the Power House NZW program of Intelligent Energy.		
Location:	Online	Country: Spain	
Contact (team):	Begoña Serrano Instituto Valenciano de la Edificación www.five.es bserranol@five.es		
Type of building:	<input type="checkbox"/> Tertiary	<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Mixed
Property:	<input type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
Management:	<input type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
Fields of action:	<input 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 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Product and services have been improved	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Jobs have been created	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sustainable financial models have been applied	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Agreements or collaboration models 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):

ENERGY EFFICIENCY IMPROVEMENT (EE)	The training is in process so there are no indicative measures of its impacts.
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FINANCIAL COVERAGE	There is a specific model about financing aspects: M3 module 3: Management of European and regional funds and other ways of financing,
EMPLOYABILITY POTENTIAL	The results can't be measured yet.
OTHER	If the students develops the 80% of the self-evaluation tests launched on Fridays (that is to say four out of five tests) he will obtain a Certificate of attendance and completion. Otherwise he will only obtain a Certificate of Attendance. The certificates will be issued by AVS, IVE and the platform of Intelligent Energy.
DIFFICULTIES	To develop a teaching content useful for all the different profiles (economists, lawyers, technicians, etc.)

Agents involved in this experience:

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

GAPS	
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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:	Online course of Energy Efficiency, Refurbishment and Financing
Duration:	80h
Web:	http://www.five.es/aulavirtual/ http://www.promotorespublicos.org/public/manager.php?p=powerhousenz http://www.powerhouseeurope.eu/
Director/a:	Begoña Serrano Lanzarote
Who is it aimed:	This course is intended for directives, managers and technicians of public housing companies, considering that the academic background of these varies from one another. Because of that an achievable and progressive syllabus has been designed that allows going into detail about the knowledge of energy efficiency to whoever wishes to.
Objectives:	The aim of the course is that the students achieve a level of knowledge in energy efficiency, its application and use within the different forms of promotion/refurbishment of buildings. At the same time, students achieve a good knowledge in funds management and European loans, in addition to other ways of national funds applied to this matter.
Program:	The modules have an estimated duration of 20 hours, counting classes and self-evaluation tests, distributed in a whole month. It is estimated a dedication of 15 academic hours and 5 hours for test development. The course modules are the following: M1 module 1: Basics of Energy Efficiency (20 h) M2 module 2: Energetic rehabilitation (20 h) M3 module 3: Management of European and regional funds and other ways of financing. (20 h) M4 module 4: Advanced in Energy Efficiency (20 h)
Methodology:	The teachers will be employees of the technical department of the Instituto Valenciano de la Edificación (IVE) and invited teachers from universities, companies, institutions and administration. The working environment will be the virtual classroom of IVE through internet, where the student will have access to: <ul style="list-style-type: none">- Tutorials and online consults- Open forum for information and experience exchange, with the participation of students and teachers.

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.