

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

F1 | BEST PRACTICES COLLECTION

Best Practice Name:
 Code:

Best Practice Description:

Type: Action for improvement in the EE Training experience (*)

Description: **EDP Valor Office Building, in Lisbon**
Main characteristics: Office building; Area: 7370,14 m²; 5 underground floor garages; 7 floors above ground floor.
Description of the objectives: In order to reduce the electrical energy bill, a control system related to the energy efficiency was implemented in the building.
 The system controls the lighting circuits, HVAC and the plugs. It is possible to set on and shut down the equipments per circuit, per floor, per room, etc.
 Regarding the HVAC the setting of the starting and shut down of equipments was implemented, on the following basis: starting 08 a.m. – shut down: 8 p.m.

Location: Country:

Contact (team): *João Hormigo, Director, EDP Valor - Departamento Instalações, Rua Camilo Castelo Branco, 46 2º 1050-045 Lisboa, 00351 210015614, joao.hormigo@edp.pt*

Type of building:	<input checked="" type="checkbox"/> Tertiary	<input 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 checked="" type="checkbox"/> Maintenance	<input 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:

	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 checked="" type="checkbox"/>	<input type="checkbox"/>
Jobs have been created	<input type="checkbox"/>	<input checked="" 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 IMPROVEMENT (EE)	The software based system and the implementation of HVAC control were put in operation in early 2008. The reduction of the electricity consumption was as follows: In 2008 – electricity consumption= 616 386 kWh In 2009 – electricity consumption= 579 773 kWh Therefore the energy consumption reduction was approximately 6%.
FINANCIAL COVERAGE	NA
EMPLOYABILITY POTENTIAL	NA
OTHER	NA
DIFFICULTIES	None

Agents involved in this experience:

<input type="checkbox"/>	Legislation agencies
<input type="checkbox"/>	Public promoters
<input type="checkbox"/>	Private promoters
<input type="checkbox"/>	Technical public institutions
<input checked="" type="checkbox"/>	Technicians of the private sphere (professional associations ...)
<input checked="" 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:

GAPS	NA
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(*) RR_ TT_ BB_ FF_ NN

RR Region: CA (Catalunya), EV (Evora), LA (Larnaca), MT (Malta), PA (PACA), SL (Slovenia), UM (Umbria), WM (Western Macedonia)

TT Type of BP: BP (project and work), TR (training)

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

FF Field of action: CO (construction), MA (maintenance), US (use), EN (energy generation and distribution), OT (other)

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>

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.