

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

F1 | BEST PRACTICES COLLECTION

Best Practice Name:	PATRES (PUBLIC ADMINISTRATION TRAINING AND COACHING ON RENEWABLE ENERGY SYSTEMS)
Code:	IT_MX_OT_06

Best Practice Description:

Type:	<input type="checkbox"/> Action for improvement in the EE	<input checked="" type="checkbox"/> Training experience (*)
Description:	<p>PATRES envisaged two main stages in all involved countries: training (in-class lectures and mutual learning workshops) and pilot actions development (including coaching and visits to best practices). Although the general structure responded to a commonly devised model, significant national adaptations were carried out to make activities better suited for the individual contexts.</p> <p>Common training program: Module 1: RE Technologies - building and district integration Recommended Length : 3–4 days Module 2: Regulations and policies for RES deployment Recommended Length : 3–4 days Module 3: Management Recommended Length : 2 - 3 days Module 4: Pilot Actions development Recommended Length : 0,5 - 1 day</p> <p>Pilot actions: A total of 27 pilot actions were implemented. 60 hours of multidisciplinary professional coaching were provided to each pilot action. A total of 30 meetings with national and international best practices were organized.</p> <p>Actual results: at the end of the project, 11 Sustainable Energy Action Plans and 85 new local regulations (affecting over 160 communities) will set higher RES requirements in buildings and in energy green public procurement.</p>	
Location:	Trieste (Italy) Zaragoza (Spain) Graz (Austria) Tallin (Estonia) Bucharest (Romania) Rijeka (Croatia) Prague (Czech Republic)	Country: Italy, Spain, Austria, Estonia, Romania, Croatia, Czech Republic
Contact (team):	Mr Fabio Tomasi Head International Projects Office (PRF) Area Science Park	

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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 type="checkbox"/> Private	<input checked="" type="checkbox"/> Mixed
Management:	<input type="checkbox"/> Public	<input type="checkbox"/> Private	<input checked="" 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		Training and coaching

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 type="checkbox"/>	<input type="checkbox"/>
Training actions have been provided	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Product and services have been improved	<input type="checkbox"/>	<input type="checkbox"/>
Jobs have been created	<input type="checkbox"/>	<input type="checkbox"/>
Sustainable financial models have been applied	<input type="checkbox"/>	<input type="checkbox"/>
Agreements or collaboration models have been defined between parties	<input type="checkbox"/>	<input type="checkbox"/>

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

ENERGY EFFICIENCY IMPROVEMENT (EE)	
FINANCIAL COVERAGE	
EMPLOYABILITY POTENTIAL	
OTHER	
DIFFICULTIES	

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 type="checkbox"/>	Technicians of the private sphere (professional associations ...)
<input type="checkbox"/>	Builders

	Industrial
	Facility Managers (property managers, cleaning companies ...)
	Energy supply companies
	Users/owners (homeowners association, schools ...)
	Other:
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:	<i>PATRES (Public Administration Training and coaching on Renewable Energy Systems)</i>
Duration:	<i>Overall 36 months (comprising training and pilot actions implementation)</i>
Web:	www.patres.net
Director/a:	<i>Fabio Tomasi (Mr)</i>
Who is it aimed:	<i>PATRES focuses on a customized package for heads of department and technical officers working for local authorities, public utilities and social housing bodies to support effective policies for the introduction of renewable energy systems in private and public buildings.</i>
Objectives:	<p><u>28 new or improved regulations</u> in 28 different local authorities supporting the introduction of RE systems; <u>9 new or improved regulations</u> improving public procurement rules related to RES in 9 different local authorities; <u>3 new SEAPs (at least) , 3 new cities signing the CoMa (at least)</u></p> <p><i>Actual results: At the end of the project, 11 Sustainable Energy Action Plans and 85 new local regulations (affecting over 160 communities) will set higher RES requirements in buildings and in energy green public procurement.</i></p>
Program:	<p><i>PATRES has developed:</i></p> <ul style="list-style-type: none"> - <i>a comprehensive 2-stage program entailing training,</i> - <i>international mutual learning and exchange of know-how and expertise,</i> - <i>dedicated multidisciplinary hand-on assistance for the creation of energy plans, building regulations and green public procurement protocols to promote renewable energy systems in buildings in a more general sustainability framework of reference.</i>
Methodology:	<p><i>In class training</i></p> <ul style="list-style-type: none"> - <i>Mutual learning workshops (international)</i> - <i>Coaching (dedicated multidisciplinary professional assistance for the implementation of pilot actions addressed to the direct achievement of the above-listed objectives)</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.