

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

F1 | BEST PRACTICES COLLECTION

Best Practice Name:	"Energescolas" Project
Code:	PO_TE_US_05

Best Practice Description:

Type:	<input checked="" type="checkbox"/> Action for improvement in the EE	<input type="checkbox"/> Training experience (*)
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Description:	<p>Project established in partnership with the City of Lisbon and the ISA company, has the school EB1 Arco-Íris in Lisbon has the pilot action.</p> <p>The ENERESCOLAS is an interactive multimedia application, developed by the company Take the Wind in partnership with ISA, which aims to direct the school's community's (students, parents, teaching and non-teaching) attention to the issue of energy efficiency, by introducing this subject in the curriculum education. This interactive application, installed in the School, serves as an interface to access and explore a telemetry monitoring system of several consumption parameters (water, electricity and gas) and environmental variables (temperature, relative humidity and CO2).</p> <p>During the pilot phase of the project, Lisboa E-Nova supports ISA through the training of teachers and students.</p> <p>Students can also observe in real time through a screen placed in the school's lobby, the historic consumption weekly and daily, making sure that actual reductions were achieved.</p>
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Location:	Lisbon	Country:	Portugal
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Type of building:	<input checked="" type="checkbox"/> Tertiary	<input type="checkbox"/> Residential	<input type="checkbox"/> Mixed
Property:	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
Management:	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
Fields of action:	<input type="checkbox"/> Construction	<input type="checkbox"/> Maintenance	<input checked="" 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 type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" 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)	As this project is yet to be implemented in full scale, it's not yet possible to quantify the results.
FINANCIAL COVERAGE	This project was promoted by ISA, in partnership with Lisboa E-Nova and Lisbon Municipality.
EMPLOYABILITY POTENTIAL	This project has the potential to employ a person in order to give training to the people involved in the school life (Teaching and non-teaching personnel)
OTHER	Children will learn the basic about Energy Efficiency in Buildings from a very early age (6 to 10)
DIFFICULTIES	We've experienced difficulties installing the platform in the school (Problems with a block in the Ministry of Education website, which made the process more time consuming); Technical difficulties in data transmission at the school level. Despite the receptivity of teachers, communication with them is sometimes limited to the stated purpose.

Agents involved in this experience:

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

GAPS	We believe that one possible way to enhance the results of this project could be a more intensive training of students beyond the school curriculum, to explore the platform and encourage actions and behaviors of energy efficiency in school. Since it is very difficult to ensure the participation of teachers and the actual use of the platform installed.
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(*) **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)