

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

**F1 | BEST PRACTICES COLLECTION**

Best Practice Name:	Torre Agbar – Connecting to Districlima
Code:	SP_TE_EN_19

Best Practice Description:

Type:	<input checked="" type="checkbox"/> Action for improvement in the EE	<input type="checkbox"/> Training experience (*)	
Description:	Connecting Torre Agbar to district heating and cooling network (Districlima)		
Location:	Barcelona	Country: Spain	
Contact (team):	Felip Neri Facility Management Director of Torre Agbar 629283633 fnerig@agbar.es		
Type of building:	<input checked="" type="checkbox"/> Tertiary	<input type="checkbox"/> Residential	<input type="checkbox"/> Mixed
Property:	<input type="checkbox"/> Public	<input checked="" type="checkbox"/> Private	<input type="checkbox"/> Mixed
Management:	<input type="checkbox"/> Public	<input checked="" 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 type="checkbox"/> Other
	<input checked="" 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 <b>data collection</b> has been complete and rigorous	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Communication and awareness</b> processes have been developed to disseminate this practice	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Training actions</b> have been provided	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Product and services</b> have been improved	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Jobs</b> have been created	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Sustainable financial models</b> have been applied	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Agreements or <b>collaboration models</b> 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):

<b>ENERGY EFFICIENCY IMPROVEMENT (EE)</b>	Districlima offers to their customers a thermal energy supply providing of residual energy resources. Torre Agbar reduces a greenhouse effect gas emission using this solution as well as a significant reduction of refrigerant losses into the atmosphere. In addition, Torre Agbar increases a power capacity obtaining economical savings.
<b>FINANCIAL COVERAGE</b>	Using districlima Torre Agbar avoids:

	<ul style="list-style-type: none"> <li>- No need to replace machinery of climate control in this case.</li> <li>- Reduction of contracted electrical power.</li> <li>- Reduction in maintenance costs</li> </ul>
<b>EMPLOYABILITY POTENTIAL</b>	No comments
<b>OTHER</b>	Guarantee of services Space Savings No vibrations, noise or negative visual impact.
<b>DIFFICULTIES</b>	No comments

Agents involved in this experience:

<input type="checkbox"/>	Legislation agencies
<input type="checkbox"/>	Public promoters
<input checked="" type="checkbox"/>	Private promoters
<input checked="" type="checkbox"/>	Technical public institutions
<input type="checkbox"/>	Technicians of the private sphere (professional associations ...)
<input type="checkbox"/>	Builders
<input checked="" type="checkbox"/>	Industrial
<input checked="" type="checkbox"/>	Facility Managers (property managers, cleaning companies ...)
<input checked="" type="checkbox"/>	Energy supply companies
<input type="checkbox"/>	Users/owners (homeowners association, schools ...)
<input type="checkbox"/>	Other:
<b>GAPS</b>	<i>Needs of training without known offer, related or not with this experience</i>

(\*) **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...**