




Name of project:	IDAE SOLAR THERMAL ORDINANCE TEMPLATE	COUNTRY
		SPAIN
City of project:	Country of Spain	
Size/ region affected	National / Spain	
Type of project [theoretical / practical]:	Category 2: Mobilization of solar potential Theoretical project	
Targeted technique PV/Solar thermal/Solar Passive/Solar Air conditioning	Solar Thermal	
Period/ starting date	February 2002- currently	
Contact institution with Internet links (if available)	IDAE (Spanish Energy Agency) <a href="http://www.idae.es/">http://www.idae.es/</a>	
Photo / drawings / overview		
General Project Description	IDAE (Spanish energy agency) developed in 2002 a solar thermal ordinance template, which has to be completed and developed by the municipalities, adapting it to its particular conditions. It explains the legal basis for developing this kind of ordinance providing examples like Barcelona and Canary Islands. At the end of the document this template is provided with some gaps to be filled out by the municipalities.	
Initiator/project idea	IDAE (Spanish Energy Agency)	
Financing Investor	IDAE (Spanish Energy Agency)	
Service Provider	IDAE (Spanish Energy Agency)	
Other parties involved (eg. departments)	Legal advice by Julia Ortega Bernardo and Alfredo Gallego Anabitarte	

<p>Partner responsible for Best Practice description</p>	 Universidade Politecnica di Madrid 
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<p style="text-align: center;"><b>SWOT Analysis</b></p>	
<p style="text-align: center;">Strengths</p>	<ul style="list-style-type: none"> <li>▪ Explained the necessity to be adapted to the particular conditions of each Municipality</li> <li>▪ Legal framework explained</li> <li>▪ Recommended to be linked with Construction permit ordinance, in order to persuade the developers to obey this ordinance.</li> <li>▪ Created to be replicated</li> <li>▪ Explained the importance of being created with the participation of the involved stakeholders</li> <li>▪ Takes into account the urban landscape protection</li> <li>▪ To be supervised by Municipal Technical Services</li> <li>▪ Possibility of applying tax reductions to the owners to encourage them to install solar thermal systems</li> <li>▪ Attached Legislation related to it</li> </ul>
<p style="text-align: center;">Weakness</p>	<ul style="list-style-type: none"> <li>▪ Not applicable to partial renovations</li> <li>▪ Not industrial buildings included</li> <li>▪ Not adapted to annual solar contribution of National Building Code</li> <li>▪ Not adapted to current RITE (National Thermal Installations Law)</li> <li>▪ Maintenance to be done by the owners</li> <li>▪ Not included PV systems</li> </ul>
<p style="text-align: center;">Opportunities</p>	<ul style="list-style-type: none"> <li>▪ Solar energy knowledge diffusion</li> <li>▪ Job creation in the solar industry</li> <li>▪ Increase in the number of solar thermal installations</li> <li>▪ Development of solar ordinance in municipalities where technical services are not enough prepared to do it</li> </ul>
<p style="text-align: center;">Threats</p>	<ul style="list-style-type: none"> <li>▪ Use of this template by municipalities without adapting it to its particular conditions</li> <li>▪ Reduction in use of other renewable energies</li> <li>▪ Municipal Technical services not enough prepared to supervise these solar thermal systems</li> </ul>
<p style="text-align: center;">Improvements</p>	<ul style="list-style-type: none"> <li>▪ Application to all kind of buildings</li> <li>▪ Adaptation to National Building code</li> <li>▪ Maintenance program to be carried out by professional services</li> </ul>