



Name of project:	SANT JOAN DESPÍ SOLAR ORDINANCE	COUNTRY
		SPAIN
City of project:	Sant Joan Despí, Barcelona	
Size/ region affected	Local / City of Sant Joan Despí	
Type of project [theoretical / practical]:	Category 4: Policy and Legislation Theoretical and Practical project	
Targeted technique PV/Solar thermal/Solar Passive/Solar Air conditioning	PV and Solar Thermal	
Period/ starting date	12 nd November 1999- Currently	
Contact institution with Internet links (if available)	Municipality of Sant Joan Despí http://www.sjdespi.com/	
Photo / drawings / overview		
General Project Description	<p>Solar thermal ordinance which aims to regulate the installation of solar thermal energy systems in buildings. According to this ordinance to install this kind of systems is mandatory in any buildings which have domestic hot water consumption and in pool which have more than 100 m³ heated water. It was the second solar thermal ordinance in Spain, after Barcelona's. Radiation data for this city and calculation parameters are provided. In this municipality, if solar system which are not mandatory according to this ordinance are installed, are given tax benefits.</p>	
Initiator/project idea	Municipality of Sant Joan Despí/ Environment Department	
Financing Investor	Municipality of Sant Joan Despí	
Service Provider		
Other parties involved (eg. departments)		
Partner responsible for Best Practice description	Universidade Politecnica di Madrid  POLITÉCNICA	

SWOT Analysis	
Strengths	<ul style="list-style-type: none"> ▪ Incorporates solar thermal systems ▪ Internet Access ▪ Applicable to any building's use ▪ Related to Local urban law ▪ Mandatory solar thermal installation project to be provided in order to get the building permit ▪ Mandatory certification to be provided where system features are shown ▪ Compliance with the ordinance supervised by Municipal Technical Services ▪ Architectural integration is considered ▪ Urban landscape protection is considered ▪ Provided solar radiation data in Sant Joan Despí ▪ Provided basic calculation parameters ▪ Tax reduction if any solar system not mandatory according to this ordinance is installed.
Weakness	<ul style="list-style-type: none"> ▪ Only available in Catalan ▪ Solar Passive or PV systems are not incorporated in the ordinance ▪ Not applicable to every pool (only applicable to pools where heated water is than 100 m3)
Opportunities	<ul style="list-style-type: none"> ▪ Increased number of solar power systems installed in the municipality ▪ Easy to replicate ▪ Job creation in the solar industry
Threats	<ul style="list-style-type: none"> ▪ Change of solar market prices <p>No mandatory contract with a maintenance company for the solar systems</p>
Improvements	<ul style="list-style-type: none"> ▪ Available also in Spanish ▪ Possible application of solar techniques to existing buildings or building renovations which are not included in this ordinance