

Pla d'Acció per a l'Energia Sostenible del municipi de Sant Boi de Llobregat



Document de comunicació a la UE

Novembre 2009



Sustainable Energy Action Plan (SEAP) template

- Revised version (05/08/09) -

The Sustainable Energy Action Plan template should help the Covenant of Mayors signatories to fix their CO2 emission reduction target, structure their actions/measures and monitor their implementation.

At the same time, the SEAP template is a valuable tool for collecting key data from their Baseline Emission Inventory and SEAP, and thus allowing exchange of experience.

Highlights of the collected information will be shown on-line at the Covenant of Mayors website.

Covenant signatory:

Name Country Number of inhabitants Date of adhesion Website (...)

Covenant Coordinator:

Name Fuction Organization E-mail Tel

OVERALL ESTRATEGY

1) Overall CO2 emissions reduction target

by

Please tick the corresponding box

- Absolute reduction
 Per capita reduction

2) Long-term vision of your local authority (please include priority areas of action, main trends and challenges)

The priority areas for action are those in which the council has direct competence: public and fire lighting, city buildings and facilities, municipal and outsourced services fleet and public transport (78% of actions are these areas). The rest are connected with the areas where the City Council can only influence, as waste and water management, services, residential buildings or urban mobility. The areas of direct competence of the City Council have experienced a reduction in their emissions of 4.9% between 2005 and 2007. However, the other areas has grown by 3.6%. The main challenges of the plan focus on technological improvement of public and traffic lighting, increase of efficiency on public buildings and facilities, use of biofuels and implementation of environmental criteria in municipal, outsourced services and public transport fleet. In addition to that, there are actions to make population aware, change the urban mobility planning and improve the waste and water management.

3) Organisational and financial aspects

Coordination and organisational structures created/assigned	Department of Environment of Sant Boi de Llobregat Municipality
Staff capacity allocated	The Plan have been carried out in collaboration with "Diputació de Barcelona", Sant Boi City Council and the support of the Environmental Consulting ERF
Involvement of stakeholders and citizens	A process of public participation has been carried out, in which citizens, staff and politicians have expressed their points of view and proposals for the plan. These ideas have been collected and introduced into the Action Plan.
Overall estimated budget	55.169.875 €
Foreseen financing sources for the investments within your action plan	Sant Boi de Llobregat Council budget , european funds, spanish and catalan government funds
Planned measures for monitoring and follow up	Implementation report every second year and the indicators developed by "Xarxa de Ciutats i Pobles cap a la Sostenibilitat"

BASELINE EMISSION INVENTORY

1) Baseline year:

For Covenant signatories who calculate their CO2 emissions per capita, please precise here the number of inhabitants in the Baseline year:

2) Approach to emissions accounting :

Please tick the corresponding box

- Territorial approach (IPCC)
 Life Cycle Assessment (LCA) approach

C. Local electricity production and corresponding CO2 emissions

Locally generated electricity (excluding ETS plants, and all plants/units > 20 MW)	Locally Generated Electricity [GWh]	Energy carrier input [GWh]										CO2 emissions [kt]	Corresponding CO2-emission factors for electricity production in [kg/kWh]	
		Fossil fuels					Waste	Plant oil	Other biommas	Other renewable	Other			
		Natural gas	Liquid gas	Heating Oil	Lignite	Coal								
Wind farm	-	-	-	-	-	-	-	-	-	-	-	-	0	0
Hydroelectric power	-	-	-	-	-	-	-	-	-	-	-			
Photovoltaic	0,021	-	-	-	-	-	-	-	-	-	-			
CHPs	-	-	-	-	-	-	-	-	-	-	-			
Other Please specify: _____	-	-	-	-	-	-	-	-	-	-	-			
Total	0,02	0	0	0	0	0	0	0	0	0	0			

D. Local heat/cold production (district heating/cooling, CHPs...) and corresponding CO2 emissions

Locally generated heat/cold	Locally Generated Electricity [GWh]	Energy carrier input [GWh]										CO2 emissions [kt]	Corresponding CO2-emission factors for heat/cold production in [kg/kWh]	
		Fossil fuels					Waste	Plant oil	Other biommas	Other renewable	Other			
		Natural gas	Liquid gas	Heating Oil	Lignite	Coal								
CHPs	-	-	-	-	-	-	-	-	-	-	-	-	0	0
District Heating plant(s)		-	-	-	-	-	-	-	-	-	-			
Other Please specify: _____		-	-	-	-	-	-	-	-	-	-	-		
Total	0	0	0	0	0	0	0	0	0	0	0			

LATEST EMISSION INVENTORY

If other inventory(ies) have been carried out (i.e. after your Baseline year), please click here to make appear extra tables →

TRANSPORT:										
Municipal fleet	Action 1: Inventory consumption of municipal fleet	Territorial Direction and Coordination	Periodic	15.000	0	-	0	0,57	-	304
	Action 2: Use of biofuels in municipal fleet	Departement of buying	Periodic	0	0	-	nq			
	Action 3: Buying new more efficient vehicles for municipal fleet	Departement of buying	Periodic	0	nq	-	nq			
	Action 4: Use of biofuels in outsourced services fleet	Departement of buying	Periodic	0	0	-	54			
	Action 5: Buying new more efficient vehicles for outsourced service fleet	Departement of buying	Periodic	0	0,22	-	54			
Public transport	Action 1: Use of biofuels in public transport fleet	EMT (Metropolitan Transport Agency)	Periodic	0	0	-	98	0,57	-	304
	Action 2: Buying new more efficient vehicles for public transport fleet	EMT (Metropolitan Transport Agency)	Periodic	0	0,35	-	98			
LOCAL ELECTRICITY PRODUCTION:										
Photovoltaic	Action 1: Creation of a register of solar panels and solar power energy generated in the municipality	Environmental Licencies	Periodic	0	0,00	-	nq	0,48	0,48	214
	Action 2: Setting up of photovoltaic power generation systems	Territorial Direction and Coordination	Punctual	1.832.100	0,47	0,47	207			
Others	Action 1: Harnessing energy from forest biomass of the municipality	Department of Environment	Periodic	40.000	0,01	0,01	7	0,48	0,48	214
LOCAL DISTRICT HEATING / COOLING, CHPs:										

LAND USE PLANNING:										
Transport / mobility planning	Action 1: Adaptation of the Sant Boi Mobility Plan to criteria of sustainable mobility	Department of Public Ways and Mobility	Periodic	40.000.000	96	-	29.779	96,34	-	29.779
PUBLIC PROCUREMENT OF PRODUCTS AND SERVICES:										
WORKING WITH THE CITIZENS AND STAKEHOLDERS:										
Awareness raising and local networking	Action 1: Creation of a section into the City Council website to promote the strategy against climate change	Department of Environment	Periodic	20.000	nq	-	nq	0,80	-	384
Training and education	Action 1: Campaign to reduce water consumption	Department of Environment	Periodic	120.000	1	-	384			
OTHER SECTORS										
Waste management	Action 1: Implementation of measures to promote the selective collection by drafting and implementing a waste prevention plan	Department of Environment	Periodic	250.000	nq	-	6.574	nq	-	6.574
Total				55.209.875	112,26	0,48	51.115	112,26	0,48	51.115

nq means non quantifiable

Web address

Direct link to the webpage dedicated to the project:

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More information: www.eumayors.eu.