



# Pla d'acció per a l'energia sostenible

Agost 2013

*Annex I – SEAP Template*



## BASELINE EMISSION INVENTORY

### 1) Inventory year

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

 [Instructions](#)

### 2) Emission factors

Please tick the corresponding box:

Standard emission factors in line with the IPCC principles

LCA (Life Cycle Assessment) factors

Emission reporting unit

Please tick the corresponding box:

CO2 emissions

CO2 equivalent emissions

3) Key results of the Baseline Emission Inventory

Green cells are compulsory fields

Grey fields are non editable

**A. Final energy consumption**

Please note that for separating decimals dot [.] is used. No thousand separators are allowed.

Category	FINAL ENERGY CONSUMPTION [MWh]															Total
	Electricity	Heat/cold	Fossil fuels							Renewable energies						
			Natural gas	Liquid gas	Heating Oil	Diesel	Gasoline	Lignite	Coal	Other fossil fuels	Plant oil	Biofuel	Other biomass	Solar thermal	Geothermal	
<b>BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES:</b>																
Municipal buildings, equipment/facilities																
Tertiary (non municipal) buildings, equipment/facilities	217,99			17,74	33,66											
Residential buildings	629,36			132,00	387,40											
Municipal public lighting																
Industries (excluding industries involved in the EU Emission trading scheme - ETS)																
<b>Subtotal buildings, equipments/facilities and industries</b>	<b>847,35</b>			<b>149,74</b>	<b>421,06</b>											
<b>TRANSPORT:</b>																
Municipal fleet																
Public transport																
Private and commercial transport						3092,10	750,04									
<b>Subtotal transport</b>						<b>3092,10</b>	<b>750,04</b>									
<b>Total</b>	<b>847,35</b>			<b>149,74</b>	<b>421,06</b>	<b>3092,10</b>	<b>750,04</b>									

Municipal purchases of certified green electricity (if any) [MWh]:	
CO2 emission factor for certified green electricity purchases (for LCA approach):	

**B. CO2 or CO2 equivalent emissions**

Please note that for separating decimals dot [.] is used. No thousand separators are allowed.

Category	CO2 emissions [t]/ CO2 equivalent emissions [t]															Total
	Electricity	Heat/cold	Fossil fuels							Renewable energies						
			Natural gas	Liquid gas	Heating Oil	Diesel	Gasoline	Lignite	Coal	Other fossil fuels	Biofuel	Plant oil	Other biomass	Solar thermal	Geothermal	
<b>BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES:</b>																
Municipal buildings, equipment/facilities																
Tertiary (non municipal) buildings, equipment/facilities	104,85			4,03	8,99											
Residential buildings	302,72			29,96	103,44											
Municipal public lighting																
Industries (excluding industries involved in the EU Emission trading scheme - ETS)																
<b>Subtotal buildings, equipments/facilities and industries</b>	<b>407,57</b>			<b>33,99</b>	<b>112,42</b>											
<b>TRANSPORT:</b>																
Municipal fleet																
Public transport																
Private and commercial transport						825,59	186,76									
<b>Subtotal transport</b>						<b>825,59</b>	<b>186,76</b>									
<b>OTHER:</b>																
Waste management																
Waste water management																
Please specify here your other emissions																
<b>Total</b>				<b>33,99</b>	<b>112,42</b>	<b>825,59</b>	<b>186,76</b>									

Corresponding CO2-emission factors in [t/MWh]	0,481		0,202	0,227	0,267	0,267	0,249									
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CO2 emission factor for electricity not produced locally [t/MWh]	
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**C. Local electricity production and corresponding CO2 emissions**

Please note that for separating decimals dot [.] is used. No thousand separators are allowed.

Locally generated electricity (excluding ETS plants , and all plants/units > 20 MW)	Locally generated electricity [MWh]	Energy carrier input [MWh]										CO2 / CO2- eq emissions [t]	Corresponding CO2- emission factors for electricity production in [t/MWh]	
		Fossil fuels					Steam	Waste	Plant oil	Other biomass	Other renewable			other
		Natural gas	Liquid gas	Heating oil	Lignite	Coal								
Wind power														
Hydroelectric power														
Photovoltaic														
Combined Heat and Power														
Other Please specify: _____														
<b>Total</b>														

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

Please note that for separating decimals dot [.] is used. No thousand separators are allowed.

Locally generated heat/cold	Locally generated heat/cold [MWh]	Energy carrier input [MWh]								CO2 / CO2- eq emissions [t]	Corresponding CO2- emission factors for heat/cold production in [t/MWh]		
		Fossil fuels					Waste	Plant oil	Other biomass			Other renewable	other
		Natural gas	Liquid gas	Heating oil	Lignite	Coal							
Combined Heat and Power													
District Heating plant(s)													
Other Please specify: _____													
<b>Total</b>													

4) **Other CO2 emission inventories**

If other inventory(ies) have been carried out, please click [here ->](#)

Otherwise go to the [last part of the SEAP template ->](#) dedicated to your Sustainable Energy Action Plan

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LAND USE PLANNING:										0
Strategic urban planning	Action 5.1.1: Geoposició application systems for municipal energy management		Action 5.1.1: Mayor's office	Action 5.1.1: 2013-2015	Action 5.1.1: 20.000	-	-	-		
Transport / mobility planning										
Standards for refurbishment and new development	Action 5.3.1: Bylaw for "zero emission"		Action 5.3.1: Mayor's office	Action 5.3.1: 2013-2015	Action 5.3.1: 2.000	-	-	-		
Other - please specify: _____										
PUBLIC PROCUREMENT OF PRODUCTS AND SERVICES:										0
Energy efficiency requirements/standards	Action 6.1.1: Requiriments d'energy efficiency and renewable energies in management activities		Action 6.1.1: Mayor's office	Action 6.1.1: 2013-2015	Action 6.1.1: 2.000	-	-	-		
Renewable energy requirements/standards										
Other - please specify: _____										
WORKING WITH THE CITIZENS AND STAKEHOLDERS:										42,41
Advisory services	Action *: Environmental audits in homes - involving 56 homes.	-		Action *: 2010	-	-	-	Action *: 1,21		
Financial support and grants	Action 7.2.1: Aids to building rehabilitation		Action 7.2.1: Mayor's office	Action 7.2.1: 2013-2015	Action 7.2.1: 2.000	-	-	-		
Awareness raising and local networking	Action 7.3.1: Participation in the consortium forest "Salines Bassegoda" Action 7.3.2: Creating a channel of communication with citizens Action 7.3.3: Table of monitoring the project "Sustainable Ordis" Action 7.3.4: Campaign to promote the selective waste collection Action 7.3.5: Waste prevention campaign Action *: Creating the web Ordis Sustainable (www.ordisostenible.cat) Action *: Creation and participation in the network environment of the urban area of Figueres		Action 7.3.1: Mayor's office Action 7.3.2: Mayor's office Action 7.3.3: Mayor's office Action 7.3.4: Environment Action 7.3.5: Environment Action *: - Action *: -	Action 7.3.1: 2013-2015 Action 7.3.2: 2013-2015 Action 7.3.3: 2013-2015 Action 7.3.4: 2013-2015 Action 7.3.5: 2013-2015 Action *: - Action *: 2007	Action 7.3.1: 2.000 Action 7.3.2: 6.840 Action 7.3.3: 4.000 Action 7.3.4: 831,54 Action 7.3.5: 5.000 Action *: - Action *: -	Action 7.3.1: - Action 7.3.2: - Action 7.3.3: - Action 7.3.4: - Action 7.3.5: - Action *: - Action *: -	Action 7.3.1: - Action 7.3.2: - Action 7.3.3: - Action 7.3.4: - Action 7.3.5: - Action *: - Action *: -	Action 7.3.1: - Action 7.3.2: - Action 7.3.3: - Action 7.3.4: 26,35 Action 7.3.5: 13,99 Action *: - Action *: -		
Training and education	Action 7.4.1: Courses and seminars in Ordis Action *: Informative session on energy rehabilitation of buildings (October 2012) Action *: Seminars on renewable energy (Oct. 2011) Action *: Fair renewable energy		Action 7.4.1: Mayor's office Action *: - Action *: - Action *: -	Action 7.4.1: 2013-2015 Action *: 2012 Action *: 2011 Action *: 2010	Action 7.4.1: 4.000 Action *: - Action *: - Action *: -	Action 7.4.1: - Action *: - Action *: - Action *: -	Action 7.4.1: - Action *: - Action *: - Action *: -	Action 7.4.1: 0,22 Action *: 0,22 Action *: 0,22 Action *: 0,22		
Other - please specify: _____										
OTHER SECTOR(S) - Please specify: _____										63,3
Other - Please specify: _____	Action 7.8.1: Encourage composting and give a bonus to waste tax Action *: - Action *: -		Action 7.8.1: Environment Action *: - Action *: -	Action 7.8.1: 2013-2015 Action *: - Action *: -	Action 7.8.1: 11.517,7 Action *: - Action *: -	Action 7.8.1: - Action *: - Action *: -	Action 7.8.1: - Action *: - Action *: -	Action 7.8.1: 11,25 Action *: 2,16 Action *: 49,89		
<b>TOTAL:</b>										<b>715,65</b>

3) Web address

Direct link to the webpage dedicated to your SEAP (if any)

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