Sustainable Energy Action Plan (SEAP) template

BASELINE EMISSION INVENTORY

1) Inventory year `2005`

For Covenant signatories who calculate their CO2 emissions per capita, please precise here the number of inhabitants <u>during the inventory year</u>: `463`

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] | | | | | | | | | | | | | | | |
	Electricity	Heat/cold	Natural gas	Liquid gas	Heating Oil	Diesel	Gasoline	Lignite	Coal	Other fossil fuels	Plant oil	Biofuel	Other biomass	Solar thermal	Geothermal	Total
BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES:																
Municipal buildings, equipment/facilities	51,71			42,37	13,02											107,1
Tertiary (non municipal) buildings, equipment/facilities	890,92			282,18	365,85											1538,95
Residential buildings	608,35			163,93	413,53											1185,81
Municipal public lighting	90,68															90,68
Industries (excluding industries involved in the EU Emission trading scheme - ETS)																0
Subtotal buildings, equipments/facilities and industries	1641,66	0	0	488,48	792,4	0	0	0	0	0	0	0	0	0	0	2922,54
TRANSPORT:																
Municipal fleet						20,26										20,26
Public transport																
Private and commercial transport						2621,93	570,87									3192,8
Subtotal transport						2642,19	570,87									3213,06
Total	**1641,66**	**0**	**0**	**488,48**	**792,4**	**2642,19**	**570,87**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**6135,6**

Municipal purchases of certified green electricity (if any) [MWh]:	0
CO2 emission factor for certified green electricity purchases (for LCA approach):	0

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] | | | | | | | | | | | | | | | |
	Electricity	Heat/cold	Natural gas	Liquid gas	Heating Oil	Diesel	Gasoline	Lignite	Coal	Other fossil fuels	Biofuel	Plant oil	Other biomass	Solar thermal	Geothermal	Total
BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES:																
Municipal buildings, equipment/facilities	24,87			9,62	3,48											37,97
Tertiary (non municipal) buildings, equipement/facilities	428,53			64,06	97,68											590,27
Residential buildings	292,61			37,21	110,41											440,23
Municipal public lighting	43,62															43,62
Industries (excluding industries involved in the EU Emission trading scheme - ETS)																
Subtotal buildings, equipments/facilities and industries	789,63			110,89	211,57											1112,09
TRANSPORT:																
Municipal fleet						5,41										5,41
Public transport																
Private and commercial transport						700,06	142,15									842,21
Subtotal transport						705,47	142,15									847,62
OTHER:																
Waste management																
Waste water management																
Please specify here your other emissions																
Total	**789,63**	**0**	**0**	**110,89**	**211,57**	**705,47**	**142,15**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1959,71**

Corresponding CO2-emission factors in [t/MWh]	0,481			0,227	0,267	0,267	0,249

CO2 emission factor for electricity not produced locally [t/MWh]	0,481

C. Local electricity production and corresponding CO2 emissions

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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: _____														
Total														

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: _____														
Total														

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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