

## 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:



### 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	7256,40		39313,00						14718,9			4,27					61292,60
Tertiary (non municipal) buildings, equipment/facilities	15468,56		31618,25														47086,81
Residential buildings	38280,00		202963,25						15288,9			5,52					256537,67
Municipal public lighting	414,05																414,05
Industries (excluding industries involved in the EU Emission trading scheme - ETS)	15468,56		160945,73			28633,06	18293,99										223341,34
<b>Subtotal buildings, equipments/facilities and industries</b>	<b>76887,57</b>	<b>0,00</b>	<b>434840,23</b>	<b>0,00</b>	<b>0,00</b>	<b>28633,06</b>	<b>18293,99</b>	<b>0,00</b>	<b>30007,8</b>	<b>0,00</b>	<b>0,00</b>	<b>9,79</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>0,00</b>	<b>588672,47</b>
<b>TRANSPORT:</b>																	
Municipal fleet																	0
Public transport																	0
Private and commercial transport				10400,07		73990,06	47310,84										131700,97
<b>Subtotal transport</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10400,07</b>	<b>0</b>	<b>73990,06</b>	<b>47310,84</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>131700,97</b>
<b>Total</b>	<b>76887,57</b>	<b>0</b>	<b>0</b>	<b>10400,07</b>	<b>0</b>	<b>6016,01</b>	<b>7062,275</b>	<b>0</b>	<b>0</b>	<b>9,79</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>720373,44</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	8011		8429						4332								20772
Tertiary (non municipal) buildings, equipment/facilities	17077		6780														23857
Residential buildings	42261		43527						4499								90287
Municipal public lighting	457																457
Industries (excluding industries involved in the EU Emission trading scheme - ETS)	20156		27652			7739	4760										60307
<b>Subtotal buildings, equipments/facilities and industries</b>	<b>87962</b>	<b>0</b>	<b>86388</b>	<b>0</b>	<b>0</b>	<b>7739</b>	<b>4760</b>	<b>0</b>	<b>8831</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>195680</b>
<b>TRANSPORT:</b>																	
Municipal fleet																	0
Public transport																	0
Private and commercial transport				2229		19999	12312										34540
<b>Subtotal transport</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2229</b>	<b>0</b>	<b>19999</b>	<b>12312</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>34540</b>
<b>OTHER:</b>																	
Waste management																	37409
Waste water management																	0
Please specify here your other emissions																	0
<b>Total</b>	<b>87962</b>	<b>0</b>	<b>86388</b>	<b>2229</b>	<b>0</b>	<b>27738</b>	<b>17072</b>	<b>0</b>	<b>8831</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>267629</b>

Corresponding CO2-emission factors in [t/MWh]	1,104*	0	56,1*	56,1*	0	74,07*	69,3*	0	98,27*	0	0	0	0	0	0	0
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CO2 emission factor for electricity not produced locally [t/MWh]	* t/J
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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	0												0	0
Hydroelectric power	0												0	0
Photovoltaic	0												0	0
Combined Heat and Power	0												0	0
Other Please specify: _____	0												0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

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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	0												0	0
District Heating plant(s)	0												0	0
Other Please specify: _____	0												0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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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