ustainable Energy Action Plan (SEAP) template

MONITORING EMISSION INVENTORY 2021

1) Inventory year

For Covenant signatories who calculate their CO2 emissions per capita, please precise here the number of inhabitants during the inventory year: **297.775**

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]														
		Fossil fuels								Renewable energies					
	Electricity	Natural gas	Liquid gas	Heating Oil	Diesel	Gasoline	Lignite	Coal	Other fossil fuels	Plant oil	Biofuel	Other biomass	Solar thermal	Total	%
BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES:															
Municipal buildings, equipment/facilities	16420,68	44450,80										332,00	2044,60	**63248,08**	1,00
Tertiary (non municipal) buildings, equipment/facilities	88923,11	777611,08										96390,00	7836,50	**970760,69**	15,42
Residential buildings	287138,44	782056,16	13465,40	107346,70								21163,00	6224,30	**1217394,00**	19,34
Municipal public lighting	16810,65													**16810,65**	0,27
Industries (excluding industries involved in the EU Emission trading scheme - ETS)	440058,10	1670073,73	49655,60									52026,00		**2211813,43**	35,14
Subtotal buildings, equipments/facilities and industries	**849350,98**	**3274191,77**	**63121,00**	**107346,70**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**169911,00**	**2614,65**	4466536,10	**70,95**
TRANSPORT:															0,00
Municipal fleet					10200,12	526,86					0,00			**10726,98**	0,17
Public transport	456,18	1313,00	27521,23		19629,58						0,00			**48919,99**	0,78
Private and commercial transport	0,00		430,00		1377497,64	298721,32					92309,00			**1768957,96**	28,10
Subtotal transport	**456,18**	**1313,00**	**27951,23**	**0,00**	**1407327,34**	**299248,18**	**0,00**	**0,00**	**0,00**	**0,00**	**92309,00**	**0,00**	**0,00**	1828604,93	**29,05**
Total	**849807,16**	**3275504,77**	**91072,23**	**107346,70**	**1407327,34**	**299248,18**	**0,00**	**0,00**	**0,00**	**0,00**	**92309,00**	**169911,00**	**2614,65**	**6295141,03**	
% respecto del total	**13,50**	**52,03**	**1,45**	**1,71**	**22,36**	**4,75**					**1,47**	**2,70**			
Municipal purchases of certified green electricity (if any) **[MWh]:**														**21,14**	
CO2 emission factor for certified green electricity purchases (for LCA approach)**:**															

GNC Y GLP GASOLEO C GASOLEO A

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]														
		Fossil fuels								Renewable energies					
	Electricity	Natural gas	Liquid gas	Heating Oil	Diesel	Gasoline	Lignite	Coal	Other fossil fuels	Plant oil	Biofuel	Other biomass	Solar thermal	Total	%
BUILDINGS, EQUIPMENT/FACILITIES AND INDUSTRIES:															
Municipal buildings, equipment/facilities	0,00	8979,06	0,00	0,00	0,00					0,00	0,00	2,32	0,00	**8981,39**	0,64
Tertiary (non municipal) buildings, equipement/facilities	24720,62	157077,44	0,00	0,00	0,00					0,00	0,00	674,73	0,00	**182472,79**	12,90
Residential buildings	79824,49	157975,34	3056,65	30057,08	0,00					0,00	0,00	148,14	0,00	**271061,69**	19,17
Municipal public lighting	0,00	0,00	0,00	0,00	0,00					0,00	0,00	0,00	0,00	**0,00**	0,00
Industries (excluding industries involved in the EU Emission trading scheme - ETS)	122336,15	337354,89	11271,82	0,00	0,00					0,00	0,00	364,18	0,00	**471327,05**	33,33
Subtotal buildings, equipments/facilities and industries	**226881,26**	**661386,74**	**14328,47**	**30057,08**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**0,00**	**1189,38**	**0,00**	**933842,92**	**66,04**
TRANSPORT:															
Municipal fleet	0,00		0,00		2723,43	131,72				0,00	0,00	0,00		**2855,15**	0,20
Public transport	126,82		6247,32		5241,10					0,00	0,00	0,00		**11615,24**	0,82
Private and commercial transport	0,00		97,61		367791,87	74680,33				0,00	23631,10	0,00		**466200,91**	32,97
Subtotal transport	**126,82**	**0,00**	**6344,93**	**0,00**	**375756,40**	**74812,05**	**0,00**	**0,00**	**0,00**	**0,00**	**23631,10**	**0,00**	**0,00**	**480671,30**	**33,99**
OTHER:															
Waste management														**0,00**	
Waste water management														**0,00**	
Please specify here your other emissions														**0,00**	
Total	**227008,08**	**661386,74**	**20673,40**	**30057,08**	**375756,40**	**74812,05**	**0,00**	**0,00**	**0,00**	**0,00**	**23631,10**	**1189,38**	**0,00**	**1414140,75**	
% respecto del total	**16,05**	**46,77**	**1,46**	**2,13**	**26,57**	**5,29**					**1,67**	**0,08**			
Corresponding CO2-emission factors in [t/MWh]	**0,278**	**0,202**	**0,227**	**0,28**	**0,267**	**0,25**	**0,364**	**0,34**	**0,33**	**0,287**	**0,256**	**0,007**	**0**		
CO2 emission factor for electricity not produced locally [t/MWh]															