

Reporting of used parameters and variables included in Annex 1, part 2, of the Energy Union Governance as agreed in trilogue

All parameters and variables highlighted in green are already currently requested under existing legislation (MMR, RES Directive, or Energy Efficiency Directive), see e.g. http://cdn.ecdot.europa.eu/help/mmr/MMR_projections_templates_2018.zip

All energy related parameters and variables highlighted in red might
All variables highlighted in orange correspond to indicators to be computed on the basis of

		Unit	2009*	2010*	2011*	2020	2025	2030	2035	2040	2045	2050	Comments MS
1. General parameters and variables													
1	Population	million	5.4	5.5	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.3	
2	GDPP	EUR million (2016)	24474	25726	26987	28330	29690	34090	37300	37890	39600	42620	
3	Gross value added	EUR million (2016)	20642	22350	23254	25490	26330	29640	31600	32890	34690	36880	
	Agriculture	EUR million (2016)	2775	3300	2836	3300	3600	3100	3300	3500	3700	4100	
	Construction	EUR million (2016)	1023	1010	1191	1310	1600	1710	1780	1800	1900	2100	
	Services	EUR million (2016)	12267	15450	14927	16790	16930	19430	20470	21600	22500	24600	
	Energy Sector	EUR million (2016)	14551	8701	7582	5200	6400	7200	6500	6000	5400	5500	
	Industry	EUR million (2016)	27143	30700	3024	4220	4780	5070	5400	5770	6300	6900	
4	Number of households	million	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5	Households per capita	inhabitants/household	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
6	Disposable income of households (per capita)	EUR	11469	11620	12024	12860	13910	22390	25100	26720	28190	31490	Current prices
7	Number of passenger-kilometers	million pkm	75879	77425	81277	N/A	N/A	N/A	N/A	N/A	N/A	N/A	For modeling, vehicle-km is used. Pkm and km only in historic years.
	Public road transport	million pkm	7189	6637	6999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Private cars	million pkm	52013	60737	63500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Motorcycles	million pkm	3010	3090	3090	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Rail	million pkm	6136	6077	6908	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Airline	million pkm	316	470	387	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Inland navigation	million pkm	220	184	272	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
8	Freight transport tonnes-kilometers	million tkm	11501	12689	14463	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Trucks	million tkm	11059	10373	12324	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Rail	million tkm	442	162	203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Inland navigation	million tkm	1000	1036	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
9	International Fuel prices	EUR/GJ or EUR/boe											
	Oil	EUR/GJ or EUR/boe	3	11	8	4	14	5	10	10	11	11	2016-EUR/GJ
	Gas (NCV)	EUR/GJ or EUR/boe	4	6	7	6	13	11	11	12	12	12	2016-EUR/GJ
	Coal	EUR/GJ or EUR/boe	2	3	2	2	5	5	5	5	5	5	2016-EUR/GJ
10	Carbon price ETS sectors	EUR/ton CO2	22	16	8	27	94	114	142	181	236	311	2016-EUR/ton
11	Exchange rate to EUR	EUR/DKK	7	7	7	7	7	7	7	7	7	7	
12	Heating degree days		3069	3742	2521	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
13	Cooling degree days		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
14	Technology cost assumptions (see specific excel file circulated with technology cost assumptions as used in EU Reference Scenario 2016 for suggestions on what could be relevant to report)												
2. Energy balances and indicators													
2.1 Energy supply													
1	Production (incl. recovery of products)	Mtoe	31336	23378	16218	9500	14412	18627	17388	16996			
	Solids	Mtoe	0	0	0	0	0	0	0	0	0	0	
	Oil	Mtoe	19025	12488	6589	3819	4533	5387	3950	2709			
	Natural gas	Mtoe	9083	7242	4144	1191	3156	2915	1819	1276			
	Nuclear	Mtoe	0	0	0	0	0	0	0	0	0	0	
	Renewable energy sources	Mtoe	2522	3138	3851	4312	6485	10158	11474	11900			Including Ambient heat for heat pumps
	Waste (Non-renewable fraction)	Mtoe	405	410	374	382	438	135	125	113			
2	Net imports (Solids)	Mtoe	-19119	-2871	-3288	-3438	-7419	-7967	-6124	-5283	-4876		
	Solids	Mtoe	-3712	-2430	-2200	-547	-246	-51	-38	-38			
	Oil	Mtoe	-3594	-3542	-454	-3027	-2331	-572	-1240	-1507			
	Natural gas	Mtoe	-4948	-3040	-1137	-730	-2043	-2547	-1521	-938			
	Nuclear	Mtoe	118	98	308	592	485	119	521	820			
	District heating	Mtoe	4	4	4	4	3	3	3	3			
	Renewable energy sources	Mtoe	389	875	1307	1595	2791	1638	1069	755			
	Waste (Non-renewable fraction)	Mtoe	5	0	10	65	175	153	43	91			
3	Export Dependency	%	-22%	-16%	-22%	-7%	-8%	-3%	-3%	-3%			Energy dependence = (imports - exports) / gross
4	Main import sources for energy carriers												
	1st main country (Sweden) of origin of Electricity Purchases	% of total imports	N/A	N/A	N/A	47%	48%	28%	29%				
	2nd main country (Norway) of origin of Electricity Purchases	% of total imports	N/A	N/A	N/A	29%	34%	30%	32%	27%			
	Main country (please specify here) of origin of Biomass Purchases	% of total imports	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	1st main country (please specify here) of origin of Gas Purchases	% of total imports	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	2nd main country (please specify here) of origin of Gas Purchases	% of total imports	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	3rd main country (please specify here) of origin of Gas Purchases	% of total imports	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
5	Gross Internal Consumption	Mtoe	20018	19187	17891	34054	28913	28907	27896	27323			Includes international aviation
	Solids	Mtoe	3863	3519	2644	912	146	51	39	36			
	Oil	Mtoe	8116	7186	6416	25263	14891	12131	11843	11847			
	Natural gas	Mtoe	4597	4201	3176	3483	3156	2915	1870	1275			
	Nuclear	Mtoe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Coal biomass	Mtoe	1603	2266	2911	2929	3659	2467	2097	1768			
	Other biomass (incl. biogas and bioethanol)	Mtoe	635	676	852	2511	3338	4559	4405	4517			
	Other renewable energy forms (incl. wind and solar energy)	Mtoe	676	820	1068	1585	2777	5807	7017	7270			
	Waste (Non-renewable fraction)	Mtoe	413	386	437	447	411	288	171	108			Includes hydrogen consumption
	Other	Mtoe	0	0	0	18	210	263	452	482			
2.2 Electricity and heat													
1	Gross electricity generation	GWh	33828	36843	27279	N/A	42895	72246	84718	87244			
2	By fuel												
	Nuclear energy	GWh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Solids	GWh	N/A	N/A	N/A	N/A	853	0	0	0	0	0	
	Oil (including refinery gases)	GWh	N/A	N/A	N/A	N/A	54	51	49	49	49	49	
	Gas (including refinery gases)	GWh	N/A	N/A	N/A	N/A	1021	462	463	472	472	472	
	Biomass-waste	GWh	N/A	N/A	N/A	N/A	8798	1063	2863	2750			
	Hydro (pumping excluded)	GWh	N/A	N/A	N/A	N/A	16	16	16	16	16	16	
	Wind	GWh	N/A	N/A	N/A	N/A	24314	50511	65032	47889			
	Solar	GWh	N/A	N/A	N/A	N/A	7140	16380	25661	38023			
	Geothermal and other renewables	GWh	N/A	N/A	N/A	N/A	852	271	278	170			
	Other fuels (incl. hydrogen, methanol)	GWh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
3	Share of power generation from combined heat and power generation in total electricity generation (CHP electricity generation divided by the total gross electricity generation, including the generation in pumped storage power stations)	%	81.6%	78.6%	49.2%	41.3%	26.4%	7.6%	4.4%	3.9%			
4	Share of heat generation from combined heat and power generation in total heat generation (CHP heat generation divided by the total heat for district heating)	%	82.5%	77.2%	65.7%	75.8%	63.4%	39.2%	31.6%	33.0%			
5	Capacity electricity generation including retirements and new investments (note: split between retirements and new investments may not be straightforward to obtain with standard models. Complementary assumptions may need to be made)												
	Nuclear energy	GW	N/A	N/A	N/A	12.8	14.5	18.3	38.9	36.4	42.3		
	Oil	GW	N/A	N/A	N/A	0.03	N/A	N/A	N/A	N/A	N/A	N/A	
	Solids	GW	N/A	N/A	N/A	5.00	N/A	N/A	N/A	N/A	N/A	N/A	
	Oil (including refinery gases)	GW	N/A	N/A	N/A	1.10	N/A	N/A	N/A	N/A	N/A	N/A	
	Gas (including refinery gases)	GW	N/A	N/A	N/A	2.20	N/A	N/A	N/A	N/A	N/A	N/A	
	Biomass-waste	GW	N/A	N/A	N/A	1.00	N/A	N/A	N/A	N/A	N/A	N/A	
	Hydro (pumping excluded)	GW	N/A	N/A	N/A	0.00	0.0	0.0	0.0	0.0	0.0	0.0	
	Wind	GW	N/A	N/A	N/A	4.80	6.2	7.8	14.0	15.8	13.7	13.7	
	Solar	GW	N/A	N/A	N/A	0.80	1.1	5.4	11.7	15.3	25.4		
	Geothermal and other renewables	GW	N/A	N/A	N/A	0.00	N/A	N/A	N/A	N/A	N/A	N/A	
	Other fuels (incl. hydrogen, methanol)	GW	N/A	N/A	N/A	0.10	N/A	N/A	N/A	N/A	N/A	N/A	
6	Heat generation from thermal power generation	GWh	24495	32324	23749	N/A	328	19734	14916	12588			
7	Heat generation from combined heat and power plants, including industrial waste heat	GWh	20287	12933	24619	N/A	28937	16411	13314	12912			
8	Cross-border interconnection capacities for electricity (the level of electricity interconnectivity in line with Article 40(1) and the relevant annex of the Energy Union Governance regulation) and their projected usage rates (note that such information may not be available in standard energy systems models; complementary tools or assumptions might be needed)												
9		GW	N/A	N/A	N/A	6.1	7.496	10.487	16.887	16.887	16.887		
2.3. Transformation sector													
1	Fuel inputs to Thermal Power Generation	Mtoe	6936	7461	4039	N/A	4363	2472	1932	1627			
	Solids	Mtoe	3441	3765	1700	N/A	610	246	126	113			
	Oil	Mtoe	307	170	32	N/A	9	9	9	9			
	Gas	Mtoe	1720	356	N/A	N/A	232	94	95	80			
	Biomass	Mtoe	577	1021	1052	N/A	2942	1620	1247	989			
	Other	Mtoe	894	844	894								

2.5. Prices												
1 Electricity prices by type of using sector (residential, industry, tertiary)												
residential - GENERAL END USE	€/MWh	N/A	N/A	230	214	200	191	191	192			2016-EUR/MWh
residential - SPACE HEATING END-USE	€/MWh	N/A	N/A	167	123	140	109	110	110			2016-EUR/MWh
industry	€/MWh	N/A	N/A	89	78	100	89	89	90			2016-EUR/MWh
tertiary - GENERAL END USE	€/MWh	N/A	N/A	213	158	140	89	89	90			2016-EUR/MWh
tertiary - SPACE HEATING END-USE	€/MWh	N/A	N/A	167	102	138	89	90	91			2016-EUR/MWh
2 National retail fuel prices (including taxes, per source and sector)												
Diesel oil												
Industry	€/tonne	N/A	N/A	56055	43144	71449	57644	53692	50249			2016-EUR/tonne
Households	€/tonne	N/A	N/A	37923	34860	111956	101430	102970	104739			2016-EUR/tonne
Transport private	€/tonne	N/A	N/A	64379								
Transport public	€/tonne	N/A	N/A	143379								
Gasoline												
Transport private	€/tonne	N/A	N/A	168885								
Transport public	€/tonne	N/A	N/A	143379								
Natural gas												
Industry	€/tonne	N/A	N/A	26709	30319	710115	621578	547191	566394			2016-EUR/tonne
Households	€/tonne	N/A	N/A	67008	67008	67008	67161	67161	67161			2016-EUR/tonne
2.6. Investments												
Energy-related investment costs for overall economy	% of GDP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Energy-related investments costs for industry	% of value added	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2.7. Renewables												
Gross final consumption of energy from renewable sources and share of renewable energy in gross final energy consumption and by sector (electricity, heating and cooling, transport) and by technology												
1												
2022**												
RES in Gross Final Energy Consumption	%	16.0%	22.2%	31.0%	46.6%	52.7%	70.9%	79.4%	83.3%			
Offshore	%	N/A	N/A	N/A	5.2%	6.2%	19.0%	21.1%	17.9%			
Onshore	%	N/A	N/A	N/A	6.3%	7.0%	8.7%	10.4%	10.6%			
Biofuel	%	N/A	N/A	N/A	1.9%	4.3%	3.9%	15.2%	21.8%			
Bioenergy	%	N/A	N/A	N/A	26.1%	27.0%	21.4%	39.0%	19.2%			
Waste (bio-degradable)	%	N/A	N/A	N/A	3.2%	2.9%	2.6%	2.6%	2.5%			
Resident heat for Heat pumps	%	N/A	N/A	N/A	3.2%	5.3%	9.8%	12.2%	14.3%			
Other	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
RES-HFC share	%	N/A	N/A	39.3%	61.1%	70.9%	77.3%	76.9%	74.9%			
Offshore	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
Onshore	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
Solar	%	N/A	N/A	N/A	0.9%	1.0%	0.9%	0.9%	1.0%			
Bioenergy	%	N/A	N/A	N/A	45.9%	50.3%	42.6%	35.6%	32.6%			
Waste (bio-degradable)	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
Resident heat for Heat pumps	%	N/A	N/A	N/A	7.1%	11.9%	22.0%	26.6%	31.8%			
Other	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
RES-E share	%	27.4%	34.8%	56.0%	84.4%	85.9%	117.4%	118.4%	111.3%			
Offshore	%	N/A	N/A	N/A	23.6%	22.4%	56.3%	51.0%	39.1%			
Onshore	%	N/A	N/A	N/A	28.5%	27.4%	28.9%	25.7%	22.9%			
Solar	%	N/A	N/A	N/A	5.5%	15.1%	27.7%	36.7%	46.2%			
Bioenergy	%	N/A	N/A	N/A	24.5%	18.3%	7.2%	4.0%	3.2%			
Waste (bio-degradable)	%	N/A	N/A	N/A	2.2%	1.8%	1.2%	0.9%	0.9%			
Resident heat for Heat pumps	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
Other	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
RES-OH share	%	0.0%	0.0%	45.9%	76.0%	81.8%	84.5%	84.5%	82.6%			
Offshore	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
Onshore	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
Solar	%	N/A	N/A	N/A	1.7%	1.7%	1.9%	1.9%	2.1%			
Bioenergy	%	N/A	N/A	N/A	58.7%	60.6%	43.7%	39.0%	33.5%			
Waste (bio-degradable)	%	N/A	N/A	N/A	11.7%	10.5%	10.2%	10.9%	11.7%			
Resident heat for Heat pumps	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
Other	%	N/A	N/A	N/A	0.0%	0.0%	0.0%	0.0%	0.0%			
RES-T share	%	N/A	N/A	6.5%	6.8%	17.3%	41.3%	89.3%	168.0%			
Biofuel	%	N/A	N/A	N/A	5.4%	5.9%	7.2%	6.4%	5.1%			
Bioogas	%	N/A	N/A	N/A	0.2%	0.3%	0.6%	0.6%	0.5%			
Electricity (heat)	%	N/A	N/A	N/A	1.4%	1.4%	3.4%	4.3%	5.4%			
Electricity (cold)	%	N/A	N/A	N/A	9.7%	29.8%	77.1%	157.6%				
Other	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Other consumption of renewable energy in transport as contribution to overall target												
Contribution of biofuels and biogas produced from feedstock listed in part A of Annex IX and co-generated in transport	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Contribution of biofuels and biogas produced from feedstock listed in part B of Annex IX and co-generated in transport	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Contribution from biofuels, biogas and biomass fuels consumed in transport, produced from food or feed crops	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Contribution of other biofuels and co-generated in transport	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Gross final consumption of energy from RES												
Gross final consumption of electricity from RES	Mtoe	N/A	N/A	1020	2920	3459	5020	7180	7438			
Gross final consumption of energy from RES in transport	Mtoe	N/A	N/A	257	229	564	1479	2738	4149			
Total Gross final consumption of RES	Mtoe	N/A	N/A	2877	3149	4023	6500	9918	11687			
Gross final consumption of RES from district heating and cooling	Mtoe	0	0	1419	2375	2638	2441	2361	1981			
Gross final consumption of waste heat and cold for heating and cooling	Mtoe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Waste heat and cold share in gross final consumption for heating and cooling	Mtoe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Gross final consumption of waste heat and cold from district heating and cooling	Mtoe	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Waste heat and cold share from district heating and cooling in gross final consumption of energy for heating and cooling	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
buildings (as defined in Article 2(1) of Directive 2010/31/EU); this shall include, where available, disaggregated data on energy produced, consumed and injected into the grid by solar photovoltaic systems, solar thermal systems, biomass, heat												
2 pumps, geothermal systems, as well as all other decentralized	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 If applicable, other national trajectories, including long term or sectoral ones (the share of food-based and advanced biofuels, the share of renewable energy in district heating, as well as the renewable energy produced by cities and energy communities as defined by Article 22 of (recast of Directive 2009/28/EC as proposed by COM(2016) 767)	%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. GHG emissions and removals related indicators												
1												
GHG emissions by policy sector (EU ETS, Effort Sharing Regulation and LULUCF)												
ETS sector emissions (in ETS scope since 2013)	CO2eq	26473745	25260385	19930097	10823008	9722149	333312	309424	104112			
Effort Sharing sector GHG emissions (in scope since 2013)	CO2eq	30752387	37770407	32056803	41153683	28778356	24422161	21489797	18142977			
LULUCF (accounted according to EU legislation requirements)	CO2eq	4351881	545791	380744	3107707	5103483	4543973	3848824	4235854			
Please use for reporting on GHG emissions by IPCC sector and gas the same excel template as used for reporting on Annex XII to Commission Implementing Regulation (EU) 748/2014 (IPArticle23_table1)												
2 Carbon intensity of the overall economy												
a CO2eq/GDP	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0	#DIVISION0
3 GHG intensity of domestic power and heat generation												
a GHG intensity of final energy consumption by sector	CO2eq/MWh	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
b GHG intensity of final energy consumption by sector												
Industry	CO2eq/tonne	N/A	N/A	N/A	N/A	0.00195	0.00093	0.00089	0.0009			
Residential	CO2eq/tonne	N/A	N/A	N/A	N/A	0.00016	0.00004	0.00003	0.00003			
Tertiary	CO2eq/tonne	N/A	N/A	N/A	N/A	0.00011	0.00001	0.00001	0.00001			
Passenger transport	CO2eq/tonne	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
freight transport	CO2eq/tonne	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
5 Non-CO2 GHG emission related parameters												
a Livestock												
dairy cattle	1000 heads	N/A	N/A	N/A	567	503	523	494	470			
non-dairy cattle	1000 heads	N/A	N/A	N/A	1121	1077	1040	997	955			
pigs	1000 heads	N/A	N/A	N/A	2160	1920	1920	1920	1810			
sheep	1000 heads	N/A	N/A	N/A	60	75	78	78	76			
poultry	1000 heads	N/A	N/A	N/A	131246	144376	143455	139851	135446			
b Nitrogen input from application of synthetic fertilizers												
Nitrogen input from application of manure	kt nitrogen	N/A	N/A	N/A	216	196	191	183	177			
Nitrogen fixed by N-fixing crops	kt nitrogen	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
c Nitrogen in crop residues returned to soils												
Nitrogen in crop residues returned to soils	kt nitrogen	N/A	N/A	N/A	246	221	225	228	223			
f Area of cultivated organic soils												
Area of cultivated organic soils	1000 hectares	N/A	N/A	N/A	172	162	136	134	134			
g Municipal solid waste (MSW) generation												
Municipal solid waste (MSW) going to landfills	t	1572000	N/A	1549700	467868	476936	486671	484605	606992			
Municipal solid waste (MSW) going to landfills	t	96281	290516	104086	67762	69136	69136	71672	73374			
Share of CH4 recovery in total CH4 generation from landfills	%	0	0	0	0	0	0	0	0			