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

All parameters and variables highlighted in green are already currently requested under existing legislation (MMR, RES Directive, or Energy Efficiency Directive), see e.g.

All energy related parameters and variables highlighted in red might require to rely on complementary tools than standard energy system models

All variables highligted in orange correspond to indicators to be computed on the basis of parameters and variables already available elsewhere in the excel file

			Statistics			Projections								
		Unit	2005	2010	2015	2020	2025	2030	2035	2040	Comments MS	Source statistics	modelling output or exogenous assumption?	Comments Commission
1. General parameters and variables														
1	**Population**	**million**	16,31	16,57	16,90	17,38	17,73	18,03			KEV2019/MONIT (PBL)	CBS	Assumption	
2	**GDP**	**EUR million**	550883	639187	690008	826759	961437	1119263			Projections based on KEV 2019 (PBL) , based on real prices	CBS	Assumption	
3	**Sectorial gross value added**	**EUR million**	547670	593181	620835	687685	741834	801068			KEV2019/MONIT (PBL), Including mineral extraction, water. Euro 2015 prices	CBS	Assumption	
	Agriculture	**EUR million**	10254	11224	11898	12093	12541	13006			KEV2019/MONIT (PBL), Agriculture, forestry and fishing. Euro 2015 prices	CBS	Assumption	
	Construction	**EUR million**	28407	27370	26394	33275	33279	33314			KEV2019/MONIT (PBL).Euro 2015 prices	CBS	Assumption	
	Services	**EUR million**	413459	456237	483452	535745	583905	637288			KEV2019/MONIT (PBL) Trade, transportation, commercial services, government,	CBS	Assumption	
	Energy Sector	**EUR million**	7351	7917	9321	9736	9866	10410			KEV2019/MONIT (PBL) includingg refinery. Euro 2015 prices	CBS	Assumption	
	Industry	**EUR million**	69113	69612	73029	85125	90555	95188			KEV2019/MONIT (PBL), excl Refinery sector. Euro 2015 prices	CBS	Assumption	
4	**Number of households**	**million**	7,1	7,4	7,7	8,0	8,3	8,5			KEV2019/MONIT (PBL)	CBS	Assumption	
5	**Households size**	**inhabitants/household**	2,3	2,2	2,2	2,1	2,1	2,1			KEV2019/MONIT (PBL)	CBS	Assumption	
6	**Disposable income of households (yearly)**	**EUR**												**Please specify the definition applied**
7	**Number of passenger-kilometers**	**million pkm**	184451	185902	188345	201363	206190	214882			KEV2019/MONIT (PBL), Includes bicycles, pedestrians, and other	CBS	modelling output	
	Public road transport	million pkm	7300	6700	5400	5593	5748	5903			KEV2019/MONIT (PBL)	CBS	modelling output	
	Private cars	million pkm	137000	136500	137500	148031	150871	157578			KEV2019/MONIT (PBL)	CBS	modelling output	
	Motorcycles	million pkm												
	Rail	million pkm	15200	17100	18500	20486	21907	23329			KEV2019/MONIT (PBL)	CBS	modelling output	
	Aviation	million pkm												
	Inland navigation	million pkm												
8	**Freight transport tonnes-kilometres**	**million tkm**	109756	108860	114006	119389	124168	132649			KEV2019/MONIT (PBL)	CBS	modelling output	
	Trucks	million tkm	60776	56343	58926	62755	65059	68966			KEV2019/MONIT (PBL)	CBS	modelling output	
	Rail	million tkm	5914	5925	6545	6807	7472	8525			KEV2019/MONIT (PBL)	CBS	modelling output	
	Inland navigation	million tkm	43066	46592	48535	49827	51637	55158			KEV2019/MONIT (PBL)	CBS	modelling output	
9	**International Fuel prices**	**EUR/GJ or EUR/toe**												**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
	Oil	EUR 2018/barrel	56,00	68,00	50,00	53,00	81,00	88,00			Projections source: KEV 2019 (PBL) / Brent Crude futures (2020) / IEA WEO (2	CBS	assumption	**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
	Gas (NCV)	EUR 2018/m3		0,21	0,22	0,19	0,23	0,25			For 2005 no statistics available. Projections source: KEV 2019 (PBL) / TTF futu	CBS	assumption	**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
	Coal	EUR 2018/ton	68,00	78,00	62,00	66,00	72,00	75,00			KEV 2019 (PBL) / Rotterdam coal futures (ARA) (2020) / IEA WEO (2025,2030	CBS	assumption	**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
10	**Carbon price ETS sectors**	EUR 2018/ton CO2		16,00	8,00	22,00	33,00	47,00			KEV 2019 (PBL) / CO2 futures (2020) / PBL (2025,2030)	CBS	assumption	**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
11	**Exchange rate to EUR and to US dollar**	USD/Euro	1,24	1,33	1,11	1,20	1,18	1,18			KEV2019 (PBL)	CBS	assumption	
12	**Heating degree days**				2686	2710	2661	2612			2014 2030 scenario KNMI (Royal Netherlands Meteorological Institute)	KNMI	Assumption	**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
13	**Cooling degree days**				95	119	126	133			2015 2030 scenario KNMI (Royal Netherlands Meteorological Institute)	KNMI	Assumption	**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
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**													**Please specify if Commission's proposal or other source was applied and in the latter case specify methodology**
2. energy balances and indicators														
2.1 energy supply														
1	**Production (incl.recovery of products)**	**ktoe**	62459	71124	47935	35414	27212	24901			Primary production all products	Eurostat	modelling output	
	Solids	**ktoe**	0	0	0	0	0	0			Primary production solid fossil fuels	Eurostat	modelling output	
	Oil	**ktoe**	2546	1636	2038	1024	1624	1367			Primary production oil and petroleum products	Eurostat	modelling output	
	Natural gas	**ktoe**	56177	64718	39447	25173	13380	9449			Primary production natural gas	Eurostat	modelling output	
	Nuclear	**ktoe**	1031	917	937	1049	1049	1017			Primary production nuclear	Eurostat	modelling output	
	Renewable energy sources	**ktoe**	1987	3129	4866	7377	10347	12254			Primary production renewables and biofuels	Eurostat	modelling output	
	Other	**ktoe**	718	725	647	791	811	814			Primary production non - renewable waste	Eurostat	modelling output	
2	**Net Imports (ktoe)**	**ktoe**	37527	28282	42671	51729	58424	57421			Import - Export all products	Eurostat	modelling output	
	Solids	**ktoe**	8197	7645	10535	6755	6633	3091			Import - Export solid fossil fuel	Eurostat	modelling output	
	Oil	**ktoe**	48403	44483	42847	42270	41722	41632			Import - Export oil and petroleum products	Eurostat	modelling output	
	Natural gas	**ktoe**	-20940	-24209	-10494	1064	11001	13451			Import - Export natural gas	Eurostat	modelling output	
	Electricity	ktoe	1573	239	752	1349	-1238	-1052			Import - Export elektricity	Eurostat	modelling output	
	Other	ktoe	295	125	-969	292	306	299			Import - Export renwables and non renewable waste	Eurostat	modelling output	
3	**Import Dependency**	**%**	38%	28%	49%	60%	69%	70%			Net energy imports divided by gross inland energy consumption plus fuel supplied to international marit	calculation		
4	**Main import sources for energy carriers**													
	Main country (please specify here) of origin of Electricity Purchases	**% of total imports**												
	1st main country (please specify here) of origin of Gas Purchases	**% of total imports**												
	2nd main country (please specify here) of origin of Gas Purchases	**% of total imports**												
	3rd main country (please specify here) of origin of Gas Purchases	**% of total imports**												If more countries to be reported please add rows
5	**Gross Inland Consumption**	**ktoe**	83696	86090	76015	75785	73935	70655			gross inland consumption all products (Europe 2020-2030 definition)	Eurostat	modelling output	
	Solids	ktoe	8094	7541	10915	6755	6633	3091			gross inland consumption - solid fossil fuels	Eurostat	modelling output	
	Oil	ktoe	34690	33351	30360	32343	32106	31951			gross inland consumption - oil and petroleum products	Eurostat	modelling output	
	Natural gas	ktoe	35325	40066	28629	26154	24275	22770			gross inland consumption - natural gas	Eurostat	modelling output	
	Nuclear	ktoe	1031	917	937	1049	1049	1017			gross inland consumption - nuclear heat	Eurostat	modelling output	
	Electricity	ktoe	1573	239	752	1349	-1238	-1052			gross inland consumption - electicity	Eurostat	modelling output	
	Renewable energy forms	ktoe	2265	3250	3625	7345	10299	12065			gross inland consumption - renewables, including biowaste and biofuels	Eurostat	modelling output	
	Other	ktoe	718	725	797	791	811	814			gross inland consumption - non-renewable waste	Eurostat	modelling output	
2.2. Electricity and heat														
1	**Gross electricity generation**	GWhe	99661	119115	110230	105225	136382	138265				Eurostat	modelling output	
2	**By fuel**													
	Nuclear energy	GWhe	3997	3969	4077	4196	4193	4065				Eurostat	modelling output	
	Solids	GWhe	23500	22588	39375	20583	19726	0				Eurostat	modelling output	
	Oil (including refinery gas)	GWhe	2262	1253	1330	1563	1517	1513			oil and petroleum products	Eurostat	modelling output	
	Gas (including derived gases)	GWhe	61027	78545	50129	38878	36486	36861			manufactured gases and natural gas	Eurostat	modelling output	
	Biomass-waste	GWhe	1266	1763	1997	2062	2025	1829			renewable municipal waste	Eurostat	modelling output	
	Hydro (pumping excluded)	GWhe	88	105	93	111	112	112				Eurostat	modelling output	
	Wind	GWhe	2067	3993	7550	19301	47238	66793				Eurostat	modelling output	
	Solar	GWhe	35	56	1109	8440	18194	24642				Eurostat	modelling output	

	Geothermal and other renewables	GWhe	3991	5279	2937	8700	5465	1020			primary solid biofuels, other liquid biofuels, biogas, geothermal	Eurostat	modelling output	
	Other fuels (hydrogen, methanol)	GWhe	1428	1564	1634	1391	1427	1431			non renewable waste	Eurostat	modelling output	
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**	**%**	58%	55%	40%	41%	25%	23%				Eurostat	modelling output	
	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)	**%**	72%	84%	86%	95%	88%	78%				Eurostat	modelling output	
4	**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]**	**GW**	22,0	26,6	35,2	37,6	52,6	59,0				CBS	modelling output	
	Nuclear energy	**GW**	0,4	0,5	0,5	0,5	0,5	0,5				CBS	modelling output	
	Solids	**GW**	9,47	8,86	11,16	4,06	3,43	0,00			Statistics based on total steam turbine capacity. Projections based on coal plants	CBS	modelling output	
	Oil (including refinery gas)	**GW**												
	Gas (including derived gases)	**GW**	10,25	14,09	17,72	17,08	16,36	15,43			Including refinery gases	CBS	modelling output	
	Biomass-waste	**GW**	0,50	0,79	0,89	0,54	0,49	0,43				CBS	modelling output	
	Hydro (pumping excluded)	**GW**	0,04	0,04	0,04	0,04	0,04	0,04				CBS	modelling output	
	Wind	**GW**	1,22	2,24	3,39	6,38	12,60	16,55				CBS	modelling output	
	Solar	**GW**	0,05	0,09	1,52	9,02	19,24	26,08				CBS	modelling output	
	Geothermal and other renewables	**GW**												
	Other fuels (hydrogen, methanol)	**GW**												
5	**Heat generation from thermal power generation**	**Gwhe > PJ**	178	160	123	99,78	77,73	71,74			gross heat production	Eurostat	modelling output	
6	Heat generation from combined heat and power plants, including industrial waste heat	**Gwhe > PJ**	129	135	106	95,22	68,56	55,68			CHP heat production from main acitivty producer and autorpoducer	Eurostat	modelling output	
7	**Cross-border interconnection capacities for electricity [the level of electricity interconnectivity in line with Article 4(d)(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 system models; complementary tools or assumptions might be needed]**													
	Germany	MW				4250	5000	5000			PBL/TeNNet			
	Belgium	MW				1400(2400)	3400	3400			PBL/TeNNet; Interconnection with Belgium is one-way (from Belgium to the Netherlands) between 2019-2022.			
	Denmark	MW				700	700	700			PBL/TeNNet			
	UK	MW				1000	1000	1000			PBL/TeNNet			
	Norway	MW				700	700	700			PBL/TeNNet			
2.3. Transformation sector														
1	Fuel Inputs to Thermal Power Generation	ktoe	22411	23925	21917	17503	18993	16751			totals include renewables, non-renewable waste, nuclear heat derived head.	Eurostat	modelling output	
	Solids	ktoe	4958	4669	8040	3727	3540	0			solid fossil fuels	Eurostat	modelling output	
	Oil	ktoe	1418	648	647	264	259	259			opil and petroleum products	Eurostat	modelling output	
	Gas	ktoe	12483	14407	8776	6222	5417	5330			manufactured gases and natural gas	Eurostat	modelling output	
2	**Fuel Input to other conversion processes**	ktoe	89329	89089	96122	66363	62951	60734			Transformation input total - som van andere processen (niet el. & heat generatior	Eurostat	modelling output	
2.4. Energy consumption														
1	**Primary energy consumption**	**ktoe**	70117	71720	63781	62125	60153	56697			Europe 2020-2030 definition	Eurostat	modelling output	
1	**Final energy consumption**	ktoe	54079	55337	49198	49668	48535	47692			Europe 2020-2030 definition	Eurostat	modelling output	
2	***by sector***													
	Industry	ktoe	17123	15660	14879	15181	15087	14842				Eurostat	modelling output	
	Residential	ktoe	10744	12460	9552	8921	8519	8226				Eurostat	modelling output	
	Tertiary	ktoe	6933	7804	6714	6521	5868	5796			commercial and public services	Eurostat	modelling output	
	Transport	ktoe	15025	15066	14181	15135	15057	14787				Eurostat	modelling output	
	Agriculture	ktoe	3880	4019	3612	3745	3839	3876			agriculture & forestry	Eurostat	modelling output	
	Other	ktoe	375	328	259	165	165	165			mainly fishery	Eurostat	modelling output	
	By transport activity, when available													
	Passenger transport	ktoe												
	Freight transport	ktoe												
3	***by fuel***													
	Solids	ktoe	1550	1356	1525	1661	1700	1698			solid fossil fuels including net input blast furnaces	Eurostat	modelling output	
	Oil	ktoe	18553	18681	17500	18338	18152	17811			oil and petroleum products, including international aviation	Eurostat	modelling output	
	Gas	ktoe	20507	22022	17694	16631	15735	14723			manufactured gases + natural gas	Eurostat	modelling output	
	Electricity	ktoe	8977	9265	8974	9144	9172	9544				Eurostat	modelling output	
	Heat	ktoe	3849	3000	2250	1916	1436	1295				Eurostat	modelling output	
	Renewable energy forms	ktoe	596	955	1219	1978	2339	2622			renewables, including biowaste and biofuels, excluding ambient heat	Eurostat	modelling output	
	Other	ktoe	46	58	36	0	0	0			non renewable waste	Eurostat	modelling output	
4	**Final non energy consumption**	**ktoe**	13579	14370	12234	13661	13782	13959				Eurostat	modelling output	
5	**Primary energy intensity of the economy**	**ktoe/million euro**	0,13	0,11	0,09	0,08	0,06	0,05			Primary energy consumption divided by GDP		calculation	
6	**Final energy intensity by sector**													
	Industry	**ktoe/million euro of value added**	0,25	0,22	0,20	0,18	0,17	0,16					calculation	
	Residential	toe/euro of value added												
	Tertiary	toe/euro of value added												
	Passenger transport	toe/million pkm												
	Freight transport	toe/million tkm												
2.5. Prices														
1	**Electricity prices by type of using sector (residential, industry, tertiary)**													
	residential	euro/MWh	22	21	21	21	24	25			Euro 2018 prices, total price including taxes	CBS	modelling output	
	industry	euro/MWh	11	10	9	8	9	10			Euro 2018 prices, average of 13 industrial sectors	CBS	modelling output	
	tertiary	euro/MWh	16	16	15	14	16	16			Euro 2018 prices, aerage of 8 tertairy sectors	CBS	modelling output	
2	**National retail fuel prices (including taxes, per source and sector)**													
	Diesel oil	**euro/ktoe**												
	Industry	euro/ktoe												
	Households	euro/ktoe												
	Transport private	euro/ktoe												

	Transport public	euro/ktoe												
	Gasoline	**euro/ktoe**												
	Transport private	euro/ktoe												
	Transport public	euro/ktoe												
	Natural gas	**euro/ktoe**												
	Industry	euro/ktoe	72595	66794	71831	77194	88225	90720			Euro 2018 prices, average of 13 industrial sectors	CBS	Assumption	
	Households	euro/ktoe	87468	93849	100132	115840	131356	134792			Euro'2018 price, total price including taxes.	CBS	Assumption	
2.6. Investments														
	Energy-related investment costs for overall economy	% of GDP	0,7%	1,3%	1,6%	2,1%	1,9%	1,7%				CBS	calculation	
	Energy related investmentts costs for Industry	% of value added												
2.7. Renewables														
1	**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**													
	RES in Gross Final Energy Consumption	**%**	2,5	3,9	5,7	11	19	25				SHARES	modelling output	
	RES-H&C share	%	2,4	3,1	5,4	8	10	13				SHARES	modelling output	
	RES-E share	%	6,3	9,6	11,0	30	57	73				SHARES	modelling output	
	RES-T share	%	0,4	3,3	5,4	13,6						SHARES	modelling output	
	Wind offshore	%	0,0	0,1	0,2	1,1	5,0	8,3				SHARES	modelling output	
	Wind onshore	%	0,3	0,6	1,0	1,6	2,7	3,1				SHARES	modelling output	
	Solar photovoltaic systems	%	0,0	0,0	0,2	1,2	3,1	4,2				SHARES	modelling output	
	Solar heat systems	%	0,0	0,0	0,1	0,1	0,0	0,0				SHARES	modelling output	
	Biomass	%	2,1	3,0	3,9	6,7	7,0	6,7				SHARES	modelling output	
	Geothermal systems	%	0,0	0,0	0,1	0,4	0,7	1,2				SHARES	modelling output	
	Heat pumps	%	0,0	0,1	0,3	0,5	0,7	1,0				SHARES	modelling output	
	Hydro + osmose	%	0,0	0,0	0,0	0,0	0,0	0,0				SHARES	modelling output	
	(final 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 consumed in transport	%												
	Contribution of biofuels and biogas produced from feedstock listed in part B of Annex IX and consumed in transport	%												
	Contribution from biofuels, bioliquids and biomass fuels consumed in transport, produced from food or feed crops	%												
	Contribution of other biofuels and consumed in transport	%												
	Gross final consumption of RES for heating and cooling	ktoe	733	972	1419	2038	2537	3182				CBS	modelling output	
	Gross final consumption of electricity from RES	ktoe	640	1008	1131	3095	6021	7900				CBS	modelling output	
	Gross final consumption of energy from RES in transport	ktoe	2	229	296	802	859	827				CBS	modelling output	
	Total Gross final consumption of RES	ktoe	1376	2208	2846	5935	9418	11909				CBS	modelling output	
	Gross final consumption of waste heat and cold for heating and cooling	ktoe												
	Waste heat and cold share in gross final consumption for heating and cooling	%												
	Gross final consumption of RES from district heating and cooling	ktoe												
	RES share from district heating and cooling in gross final consumption for heating and cooling	%												
	Gross final consumption of waste heat and cold from district heating and cooling	ktoe												
	Waste heat and cold share from district heating and cooling in gross final consumption for heating and cooling	%												
2	**Electricity and heat generation from renewable energy in 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 pumps, geothermal systems, as well as all other decentralized renewables systems)**													Add additional rows if necessary
	solar photovoltaic systems - produced	**ktoe**	3	5	95	697	1502	2034			Gross final energy consumption photovoltaic, incl solar plants	CBS	modelling output	
	solar thermal systems - produced	**ktoe**	17	24	27	27	23	21			Gross final energy consumption solar thermal	CBS	modelling output	
	biomass - produced	**ktoe**	379	403	439	372	365	366			Gross final energy consumption wood stoves	CBS	modelling output	
	heat pumps - produced	**ktoe**	5	21	40	88	182	292			Gross final energy consumption- ground and air source heat pumps in dwellings	CBS	modelling output	
	geothermal systems - produced	**ktoe**	0	8	58	170	337	590			Gross final energy consumption, geothermal (all sectors)	CBS	modelling output	
3	**If applicable, other national trajectories, including long-term or sectorial 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])**													Add additional rows if necessary
3. GHG emissions and removals related indicators														
1	**GHG emissions by policy sector (EU ETS, Effort Sharing Regulation and LULUCF)**	**tCO2eq**	220407352	219390280	201657628	176595428	170054651	150602046			Including LULUCF and indirect emissions, WEM (kt)	NIR2019	modelling output	
	ETS sector emissions	tCO2eq	80351292	84735599	94095371	73211943	71063245	56382095			ETS scope as applicable in the concerning year.	Nea	modelling output	
	Effort Sharing sector GHG emissions	tCO2eq	134351042	129043201	101885955	97933860	93177029	88499286			Total minus ETS and domestic aviation. Excluding LULUCF emissions	NIR2019/Nea	modelling output	
	LULUCF (accounted according to EU legislation requirements)	tCO2eq	5660659	5569052	5645494	5339070	5706990	5615600				NIR2019	modelling output	
2	**GHG emissions by IPCC sector and by gas (where relevant split into EU ETS and Effort Sharing sectors).**	**tCO2eq**	***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) 749/2014 (IPArticle23_table1), next due 15/3/2019. It is provided as separate file.***								*see GHG template*			
3	**Carbon intensity of the overall economy**	**tCO2eq/GDP**	400	343	292	214	177	135			GHG emissions divided by GDP		Calculation	
4	**CO2 emission related indicators**													
a	**GHG intensity of domestic power and heat generation**	**tCO2eq/MWh**												
b	**GHG intensity of final energy consumption by sector**	**tCO2eq/toe**												
	Industry	tCO2eq/toe												
	Residential	tCO2eq/toe												
	Tertiary	tCO2eq/toe												
	Passenger tranport	tCO2eq/toe												
	Freight transport	tCO2eq/toe												
5	**Non-CO2 GHG emission related parameters**													
a	**Livestock**													
	dairy cattle	1000 heads	2588	2725	2965	2554	2410	2317			Dairy young stock + dairy cows;	CBS	assumption	

	non-dairy cattle	1000 heads	1209	1250	1169	1241	1241	1241				CBS	assumption	
	pigs	1000 heads	6749	7131	7005	6756	6412	6412			Excl. piglets	CBS	assumption	
	sheep	1000 heads	952	923	934	845	845	845			Other livestock	CBS	assumption	
	poultry	1000 heads	95190	103371	108558	100990	100990	100990				CBS	assumption	
b	**Nitrogen input from application of synthetic fertilizers**	**kt nitrogen**	280	222	268	259	254	250				CBS	assumption	
c	**Nitrogen input from application of manure**	**kt nitrogen**	292	297	311	320	324	324			Manure from stable and stock	CBS	assumption	
d	**Nitrogen fixed by N-fixing crops**	**kt nitrogen**												
e	**Nitrogen in crop residues returned to soils**	**kt nitrogen**			45,9	47,6	46,9	46,1				CBS	assumption	
f	**Area of cultivated organic soils**	**hectares**			338467	333562	327662	321762				CBS	assumption	
g	**Municipal solid waste (MSW) generation**	**t**			9499256	8000000	7500000	7000000				CBS	assumption	
h	**Municipal solid waste (MSW) going to landfills**	**t**			86420	70000	65000	60000				CBS	assumption	
i	**Share of CH4 recovery in total CH4 generation from landfills**	**%**			13,4	13,0	13,0	12,0				CBS	assumption	