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EU energy in figures

STATISTICAL POCKETBOOK **2016**

Energy

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Introduction

The energy sector is one of the pillars of growth, competitiveness and development for modern economies. To keep up with the ongoing transformation of the energy sector in Europe, we need data that is accurate and up-to-date.

This publication provides an overview of the most relevant annual energy-related statistics for the European Union as a whole and for each of its Member States.

The data contained in this pocketbook is drawn from several sources: from the European Commission's services, from international organisations such as the European Environment Agency and the International Energy Agency and also from the European Commission's estimates when other data is unavailable.

The publication is divided into five parts:

Part 1. Energy overview at global and EU levels.
Part 2. Main energy indicators, at EU and Member States levels.
Part 3. Socio-economic indicators in the EU.
Part 4. Impact of the energy sector on the environment.
Part 5. Country profiles – Main energy indicators.

Indicators have been calculated using the methodology established by the European Commission – DG Energy. The appendices include a glossary and methodological notes.

This publication was produced using the most recently available data. Corrections and updates will be published at: http://ec.europa.eu/energy/en/data-analysis/energy-statistical-pocketbook

Recommended sources of data:

European Commission websites:

DG Energy
Pocketbook: http://ec.europa.eu/energy/en/data-analysis/energy-statistical-pocketbook
Country statistics: http://ec.europa.eu/energy/en/data-analysis/country
Energy data and analysis: http://ec.europa.eu/energy/en/data-analysis

Eurostat
Eurostat Database: http://ec.europa.eu/eurostat/data/database

DG Economic and Financial Affairs
AMECO: http://ec.europa.eu/economy_finance/db_indicators/ameco/index_en.htm

DG Climate Action
Climate strategies, targets and progress reports:
http://ec.europa.eu/clima/policies/strategies/index_en.htm

Websites of other organisations:

European Environment Agency
Data and maps: http://www.eea.europa.eu/

International Energy Agency
Statistics and balances: http://www.iea.org/stats/index.asp

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Summary

PART 1 Overview

PART 2 Energy in the EU

Appendices

Overview

PART 1

Summary

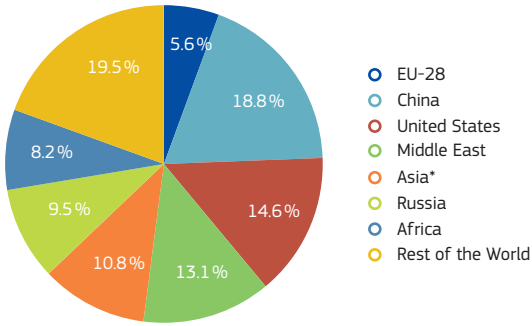
1.1 Energy in the World (Overview)

1.1.1 World Energy Production by Region

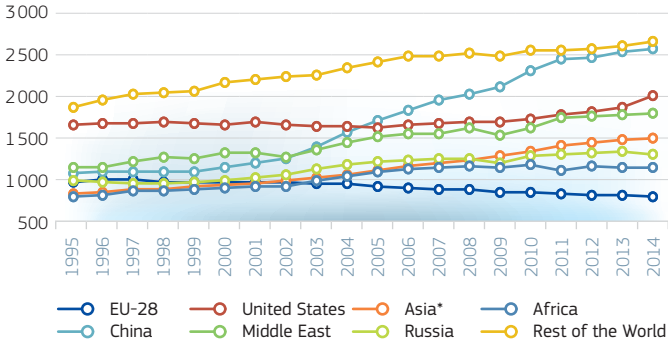
(Mtoe)

	1995	2000	2005	2010	2014	2014 (%)
EU-28	966	950	909	840	775	5.6%
China	1064	1129	1707	2316	2593	18.8%
United States	1659	1667	1631	1723	2012	14.6%
Middle East	1137	1324	1516	1619	1807	13.1%
Asia*	815	922	1105	1343	1496	10.8%
Russia	968	978	1203	1279	1306	9.5%
Africa	774	885	1087	1173	1129	8.2%
Rest of the World	1880	2176	2430	2575	2687	19.5%
World	9263	10032	11588	12869	13805	100.0%

TOTAL 2014: 13805 Mtoe



Mtoe



* Excluding China.

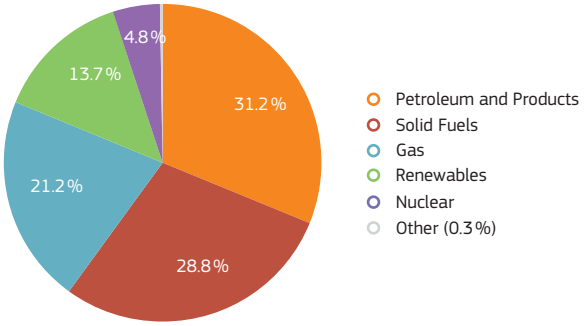
Source: IEA, August 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.1.2 World Energy Production by Fuel

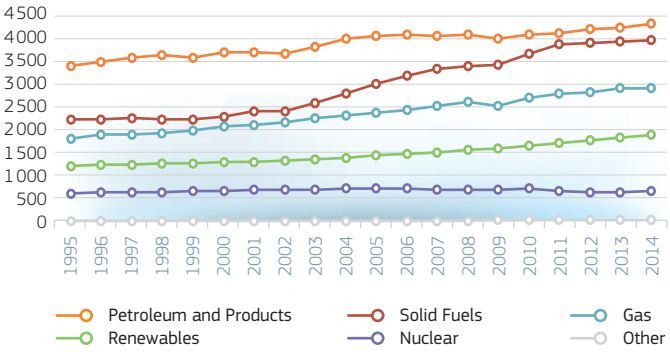
(Mtoe)

	1995	2000	2005	2010	2014	2014 (%)
Petroleum and Products	3397	3701	4044	4067	4308	31.2%
Solid Fuels	2220	2278	2997	3667	3976	28.8%
Gas	1811	2064	2371	2715	2928	21.2%
Renewables	1211	1292	1434	1670	1894	13.7%
Nuclear	608	676	722	719	661	4.8%
Other	17	21	21	30	37	0.3%
Total	9263	10032	11588	12869	13805	100.0%

TOTAL 2014: 13805 Mtoe



Mtoe



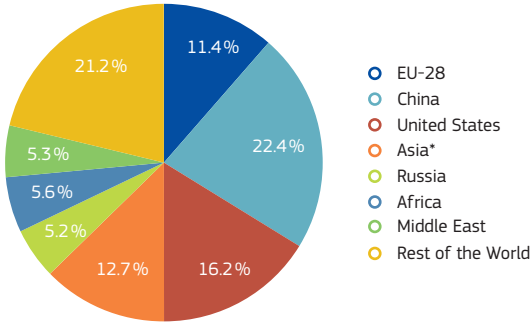
Source: IEA, August 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.1.3 World Gross Inland Consumption by Region

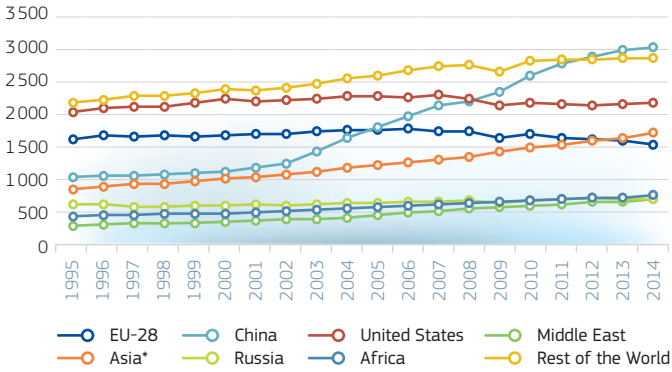
(Mtoe)

	1995	2000	2005	2010	2014	2014 (%)
EU-28	1648	1695	1793	1725	1565	11.4%
China	1055	1149	1830	2629	3066	22.4%
United States	2067	2273	2319	2215	2216	16.2%
Asia*	867	1038	1237	1526	1741	12.7%
Russia	637	619	652	688	711	5.2%
Africa	444	496	600	694	772	5.6%
Middle East	307	353	468	623	721	5.3%
Rest of the World	2202	2414	2635	2852	2907	21.2%
World	9227	10037	11533	12952	13699	100.0%

TOTAL 2014: 13699 Mtoe



Mtoe



* Excluding China.

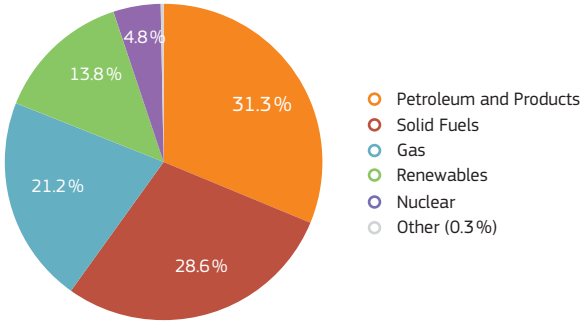
Source: IEA, August 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.1.4 World Gross Inland Consumption by Fuel

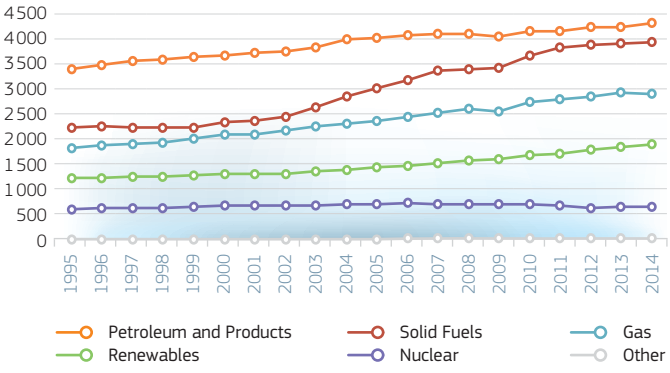
(Mtoe)

	1995	2000	2005	2010	2014	2014 (%)
Petroleum and Products	3376	3660	4003	4138	4285	31.3%
Solid Fuels	2208	2316	2993	3657	3918	28.6%
Gas	1807	2071	2360	2736	2901	21.2%
Renewables	1212	1293	1434	1671	1894	13.8%
Hydro*	213	225	252	296	335	2.4%
Geothermal*	39	52	54	63	71	0.5%
Solar/Wind/Other*	4	8	17	48	110	0.8%
Biofuels and Waste*	972	1028	1132	1294	1413	10.3%
Nuclear	608	676	722	719	661	4.8%
Other	16	21	21	31	39	0.3%
Total	9227	10037	11533	12952	13699	100.0%

TOTAL 2014: 13699 Mtoe



Mtoe



* Partial disaggregation of the Renewables group. Waste also includes non-RES wastes.

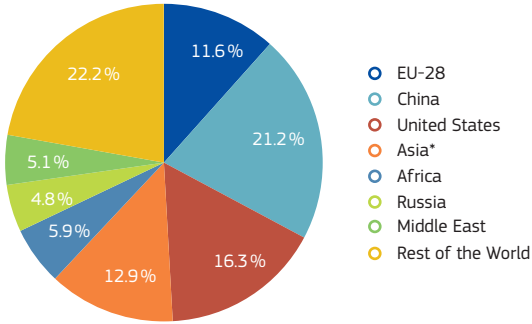
Source: IEA, August 2016
Methodology and Notes: See Appendix 13 – No 1

1.1.5 World Final Energy Consumption by Region

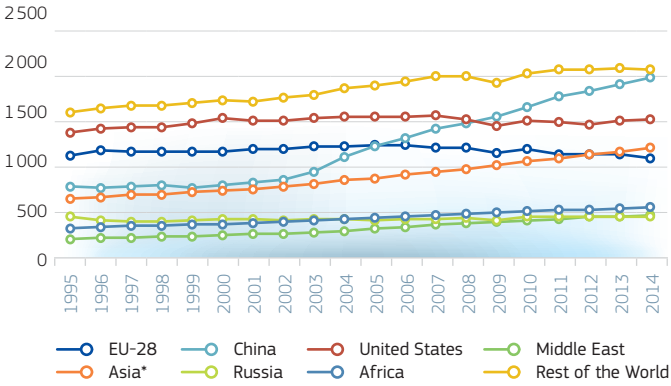
(Mtoe)

	1995	2000	2005	2010	2014	2014 (%)
EU-28	1133	1180	1242	1208	1095	11.6%
China	788	796	1227	1667	1997	21.2%
United States	1378	1546	1563	1512	1538	16.3%
Asia*	643	744	877	1073	1214	12.9%
Africa	324	369	437	508	559	5.9%
Russia	458	418	412	447	454	4.8%
Middle East	202	241	313	414	476	5.1%
Rest of the World	1613	1747	1905	2037	2092	22.2%
World	6539	7041	7977	8866	9425	100.0%

TOTAL 2014: 9425 Mtoe



Mtoe



* Excluding China.

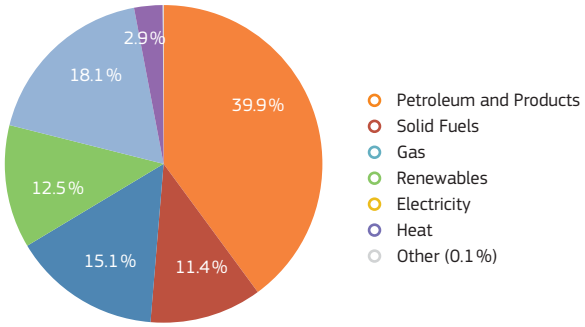
Source: IEA, August 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.1.6 World Final Energy Consumption by Fuel

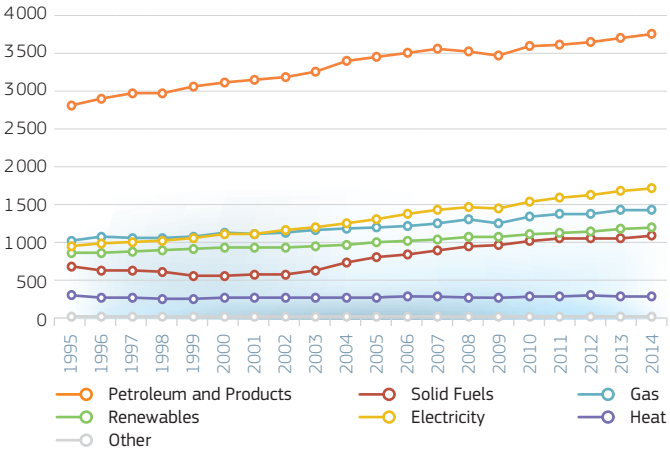
(Mtoe)

	1995	2000	2005	2010	2014	2014 (%)
Petroleum and Products	2797	3115	3441	3597	3761	39.9%
Solid Fuels	662	548	792	1008	1075	11.4%
Gas	1006	1117	1190	1338	1420	15.1%
Renewables	847	915	986	1104	1181	12.5%
Electricity	936	1092	1302	1539	1706	18.1%
Heat	287	248	260	274	274	2.9%
Other	3	7	5	7	8	0.1%
Total	6539	7041	7977	8866	9425	100.0%

TOTAL 2014: 9425 Mtoe



Mtoe



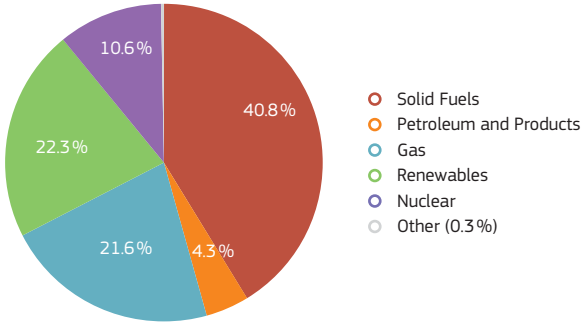
Source: IEA, August 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.1.7 World Electricity Generation by Fuel

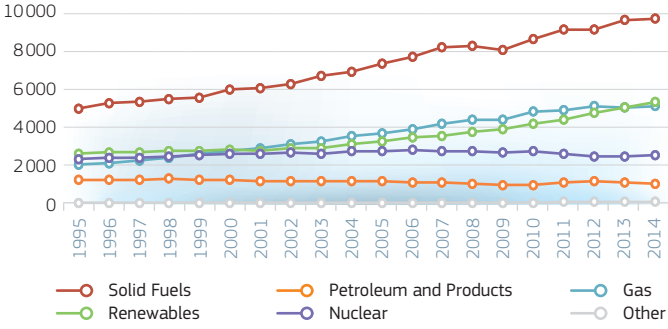
(TWh)

	1995	2000	2005	2010	2014	2014 (%)
Solid Fuels	4992	6005	7335	8665	9707	40.8%
Petroleum and Products	1279	1251	1178	982	1023	4.3%
Gas	2022	2753	3706	4828	5155	21.6%
Renewables	2637	2837	3291	4205	5323	22.3%
Hydro*	2479	2619	2934	3442	3895	16.4%
Solar/Wind/Other*	10	35	120	384	928	3.9%
Biofuels and Waste*	131	164	223	367	493	2.1%
Geothermal*	40	52	58	68	77	0.3%
Nuclear	2332	2591	2768	2756	2535	10.6%
Other	24	34	46	58	72	0.3%
Total	13285	15471	18324	21493	23816	100.0%

TOTAL 2014: 23816 TWh



TWh



* Partial disaggregation of the Renewables group. Waste also includes non-RES wastes.

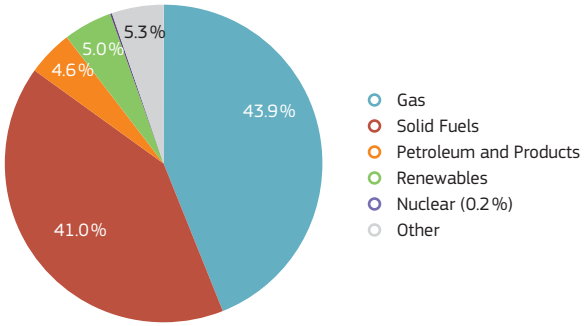
Source: IEA, August 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.1.8 World Heat Generation by Fuel

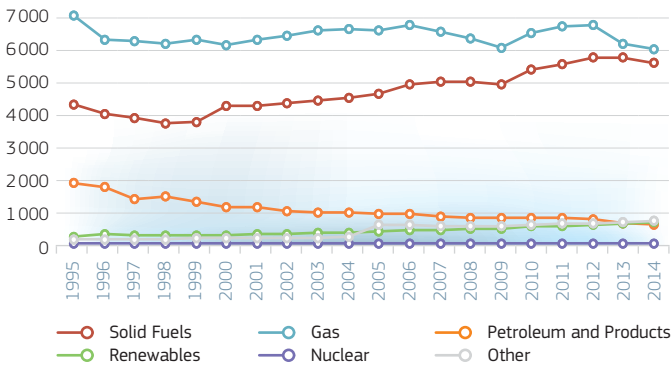
(PJ)

	1995	2000	2005	2010	2014	2014 (%)
Gas	7157	6232	6657	6581	6071	43.9%
Solid Fuels	4367	4332	4719	5445	5669	41.0%
Petroleum and Products	1939	1160	967	843	641	4.6%
Renewables	254	296	395	585	685	5.0%
Geothermal*	17	18	24	26	30	0.2%
Solar/Wind/Other*	9	12	386	346	354	2.6%
Biofuels and Waste*	345	414	530	782	924	6.7%
Nuclear	20	19	21	27	26	0.2%
Other	162	203	601	634	729	5.3%
Total	13900	12242	13360	14116	13822	100.0%

TOTAL 2014: 13822 PJ



PJ



* Partial disaggregation of the Renewables group. Waste also includes non-RES wastes.

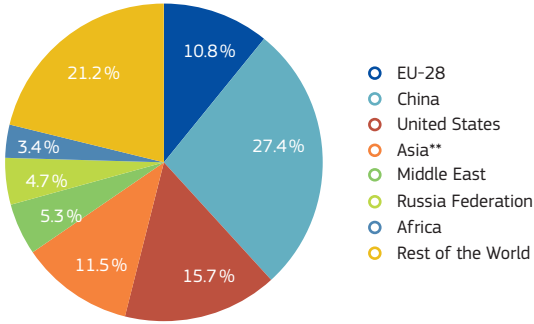
Source: IEA, August 2016
Methodology and Notes: See Appendix 13 – No 1

1.1.9 World CO_2 Emissions* by Region

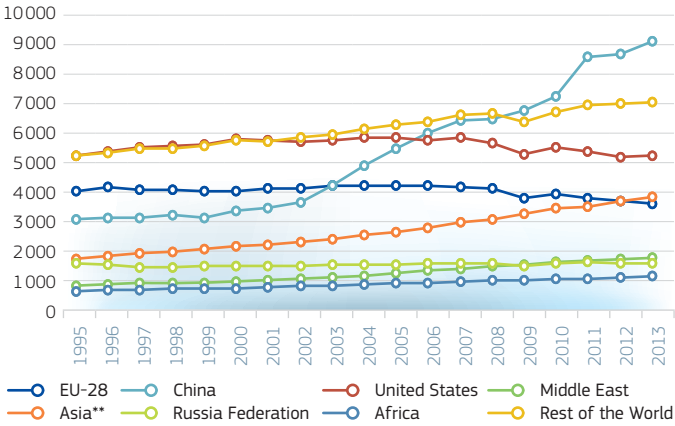
(Mio ton CO_2)

	1995	2000	2005	2010	2013	2013 (%)
EU-28	4008	4033	4206	3897	3607	10.8%
China	3062	3332	5461	7237	9114	27.4%
United States	5211	5790	5854	5504	5234	15.7%
Asia**	1704	2140	2641	3423	3829	11.5%
Middle East	816	957	1236	1601	1757	5.3%
Russian Federation	1562	1488	1497	1552	1578	4.7%
Africa	614	700	900	1044	1121	3.4%
Rest of the World	5221	5736	6256	6706	7049	21.2%
World	22199	24175	28051	30965	33289	100.0%

TOTAL 2013: 33289 Mio ton CO_2



Mio ton CO_2



* Contains CO_2 emissions from fuel combustion and international maritime and aviation bunkers.
** Excluding China.

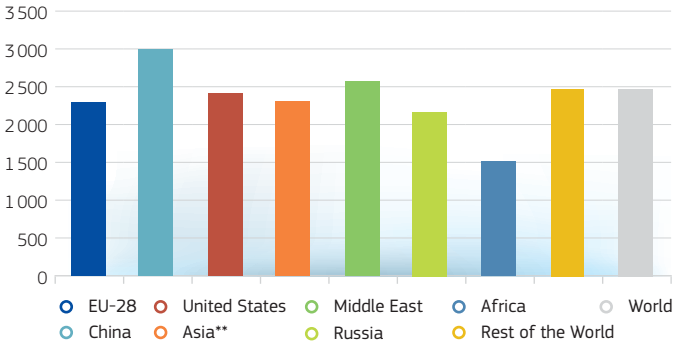
Source: IEA, August 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.1.10 World CO_2 Intensity* by Region

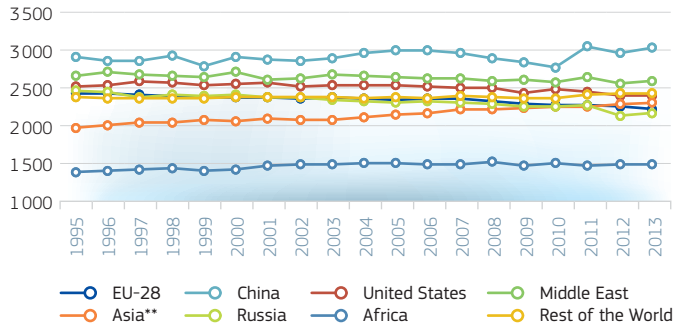
(Kg CO_2 per toe – AVERAGE)

	1995	2000	2005	2010	2012	2013
EU-28	2432	2379	2346	2259	2249	2218
China	2903	2900	2985	2753	2959	3019
United States	2521	2547	2525	2485	2385	2398
Asia**	1966	2062	2136	2243	2282	2303
Middle East	2660	2706	2637	2570	2544	2582
Russia	2454	2402	2297	2255	2130	2165
Africa	1383	1412	1501	1505	1493	1495
Rest of the World	2371	2376	2374	2352	2433	2431
World	2406	2409	2432	2391	2437	2457

WORLD AVERAGE 2013: 2457 Kg CO_2 per toe



Kg CO_2 per toe

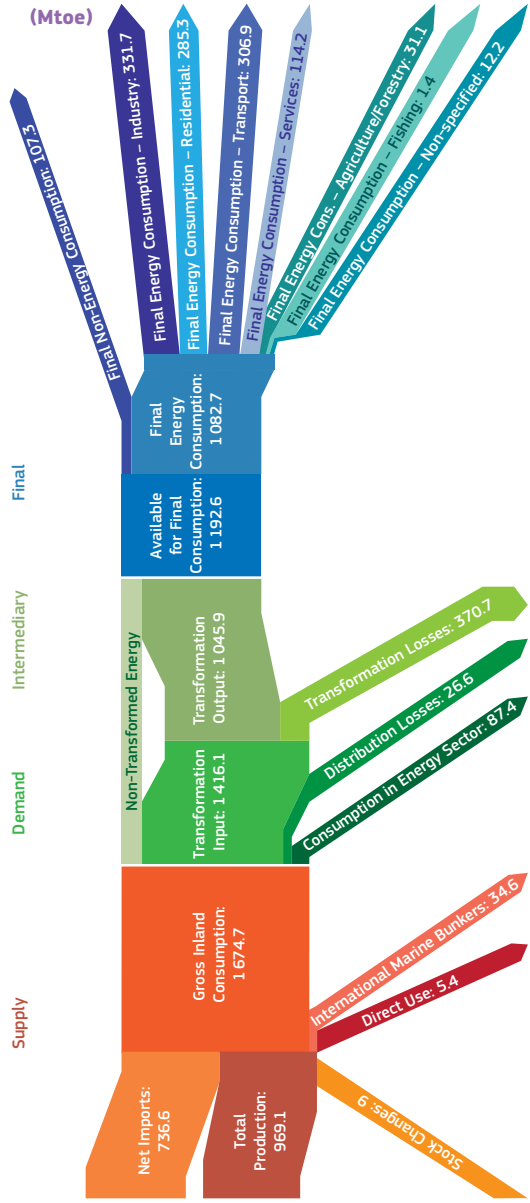


* Per Unit of Gross Inland Consumption.
** Excluding China.

Source: IEA, August 2016
Methodology and Notes: See Appendix 13 – No 1

1.2 Energy in the EU (Overview)

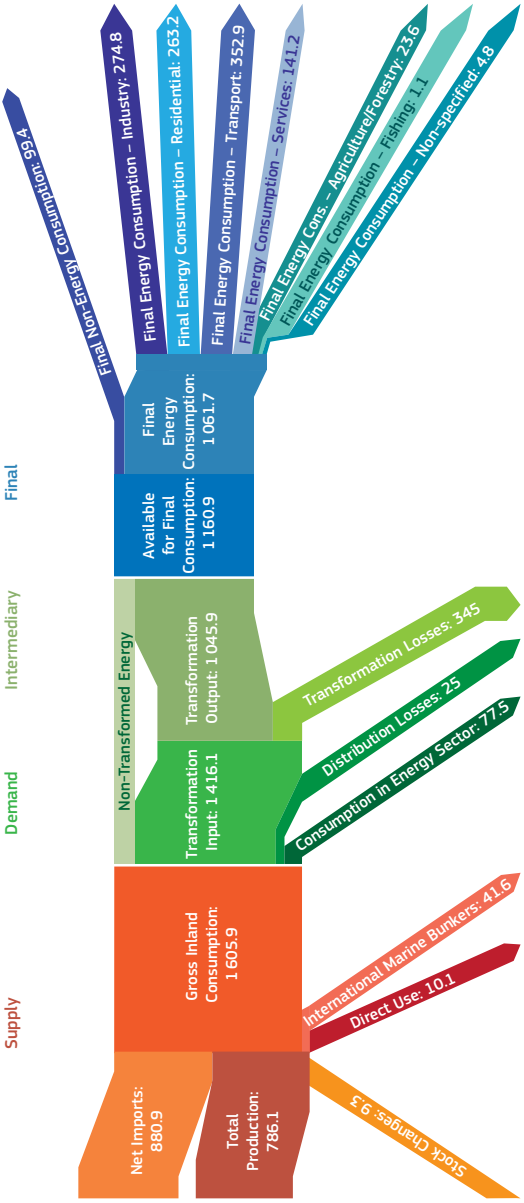
1.2.1 EU-28 Energy Flow – 1995



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.2.2 EU-28 Energy Flow – 2014

(Mtoe)

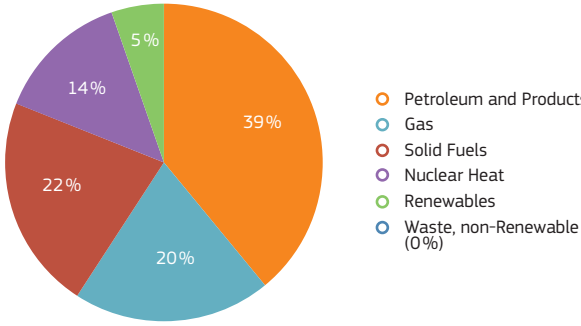


Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 1

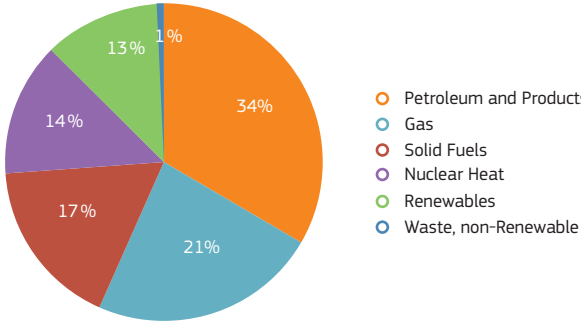
1.2.3 EU-28 Gross Inland Consumption

ENERGY MIX (%) – PRIMARY PRODUCTS ONLY

TOTAL PRIMARY 1995: 1 672.9 Mtoe
(Total Primary and Secondary 1995: 1 674.7 Mtoe)

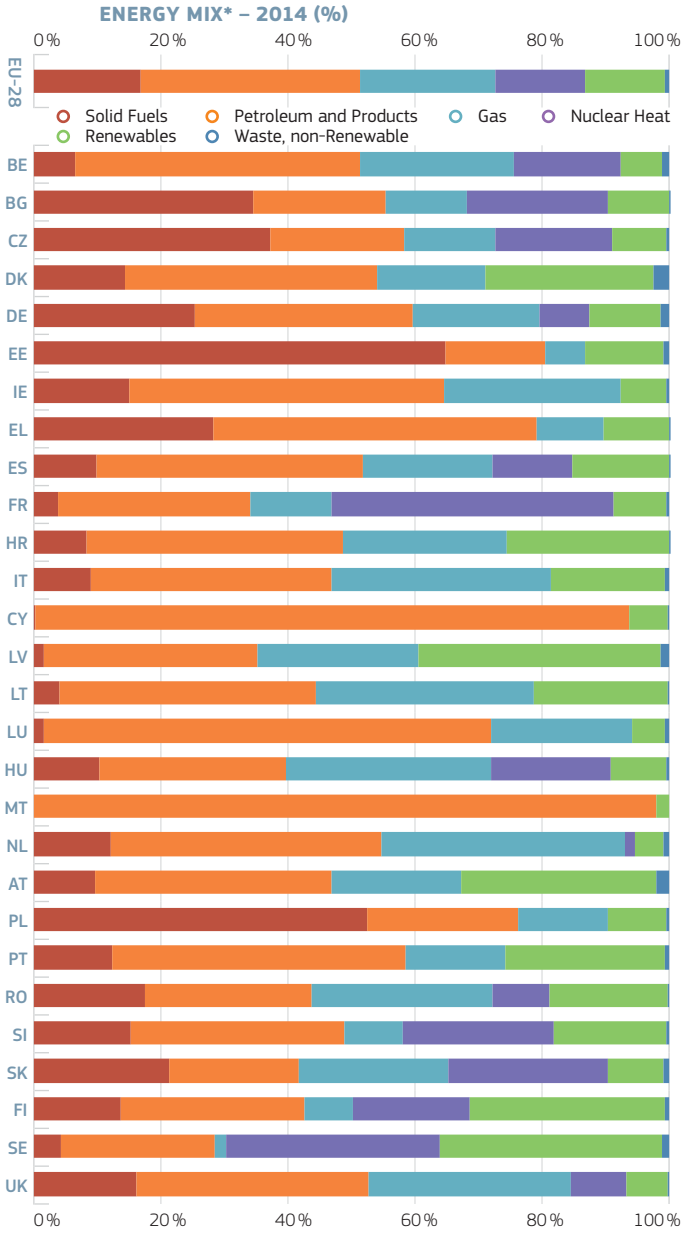


TOTAL PRIMARY 2014: 1 604.6 Mtoe
(Total Primary and Secondary 2014: 1 605.9 Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.2.3 EU-28 Gross Inland Consumption



* Primary Products Only.

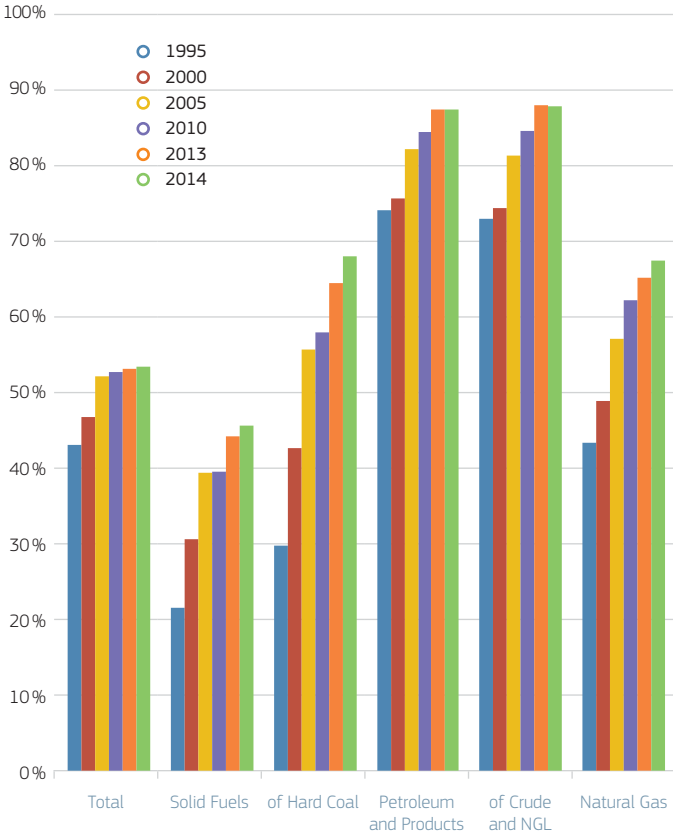
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 1

1.2.4 EU-28 Energy Import Dependency

BY FUEL – (%)

	1995	2000	2005	2010	2013	2014
Total	43.1	46.7	52.2	52.6	53.1	53.5
Solid Fuels	21.5	30.6	39.4	39.5	44.1	45.6
of which Hard Coal	29.7	42.6	55.7	57.9	64.5	67.9
Petroleum and Products	74.1	75.7	82.1	84.5	87.4	87.4
of which Crude and NGL	73.0	74.4	81.3	84.6	88.0	87.9
Natural Gas	43.4	48.9	57.1	62.2	65.2	67.4

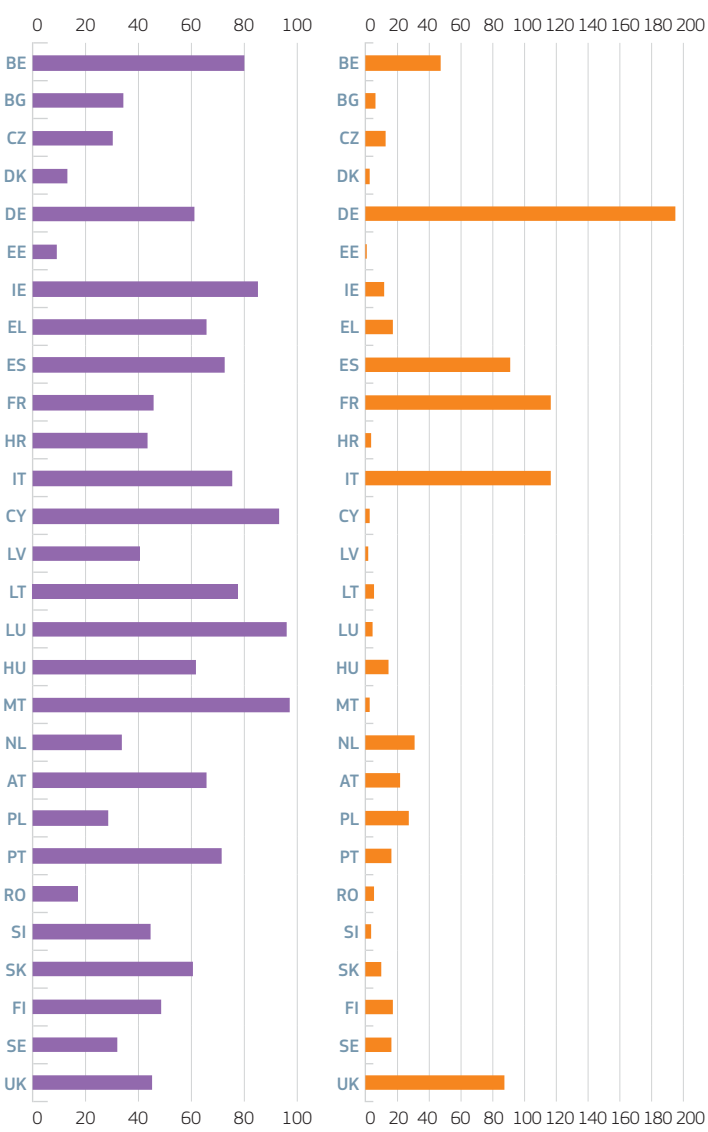
1995-2014 (%)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.2.5 EU-28 Energy Import Dependency – Net Imports

2014

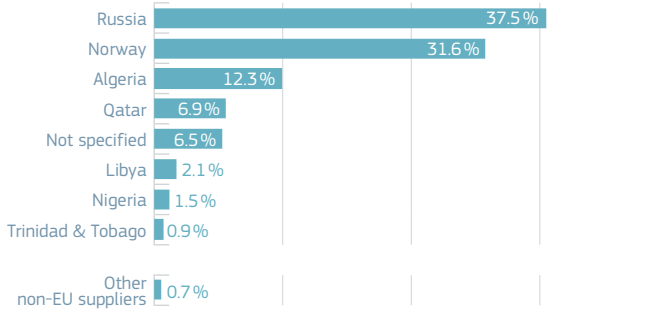


Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 1

1.2.6 EU-28 Imports by Country of Origin

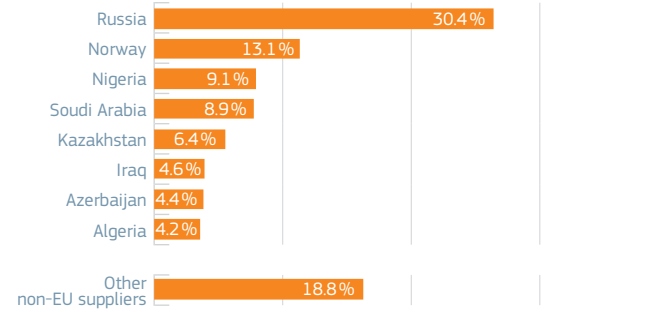
EU-28 IMPORTS* OF NATURAL GAS – 2014

Total non-EU = 11 796 884 TJ-GCV



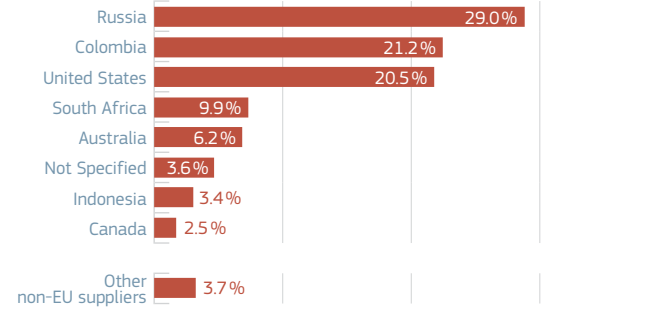
EU-28 IMPORTS* OF CRUDE OIL – 2014

Total non-EU = 494 241 kton



EU-28 IMPORTS* OF SOLID FUELS – 2014

Total non-EU = 229 847 kton



* From non-EU suppliers.

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.3 EU 2020 Targets

1.3.1 Renewable Energy Targets*

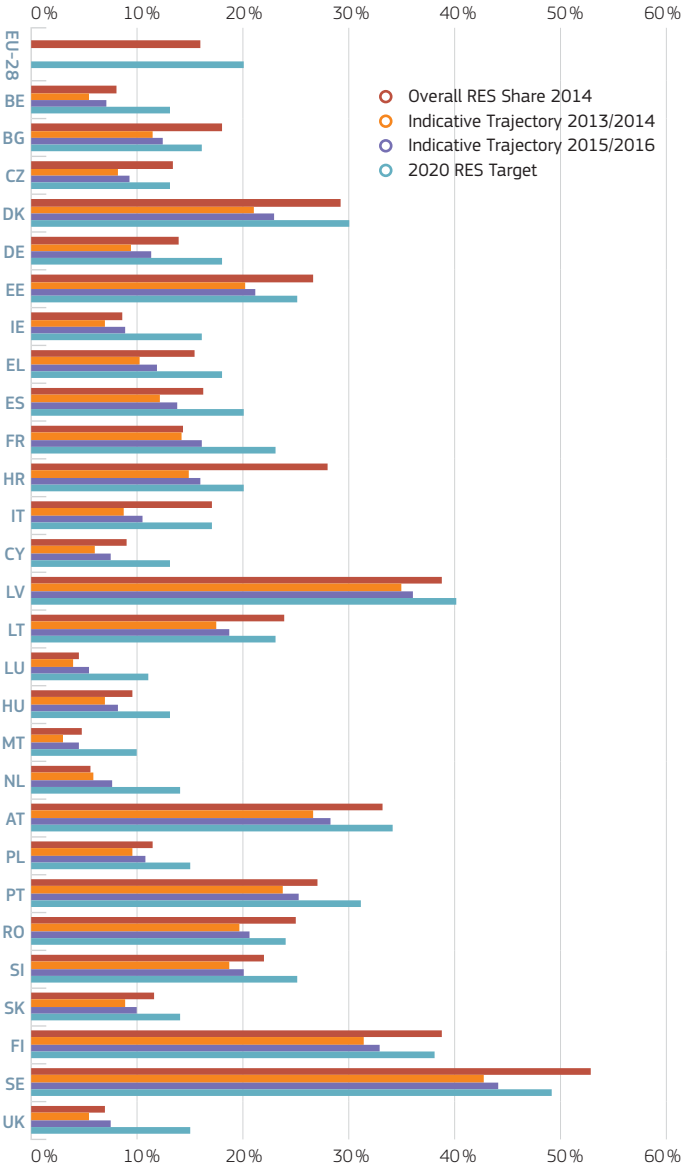
%	2014 Renewable Energy Shares				Indicative Trajectory 2013/2014	Indicative Trajectory 2015/2016	2020 RES Target
	RES Transport	RES Electricity	RES Heating and Cooling	Overall RES Share			
EU-28	5.9	27.5	17.7	16.0	n.a.	n.a.	20.0
BE	4.9	13.4	7.8	8.0	5.4	7.1	13.0
BG	5.3	18.9	28.3	18.0	11.4	12.4	16.0
CZ	6.1	13.9	16.7	13.4	8.2	9.2	13.0
DK	5.8	48.5	37.8	29.2	20.9	22.9	30.0
DE	6.6	28.2	12.2	13.8	9.5	11.3	18.0
EE	0.2	14.6	45.2	26.5	20.1	21.2	25.0
IE	5.2	22.7	6.6	8.6	7.0	8.9	16.0
EL	1.4	21.9	26.9	15.3	10.2	11.9	18.0
ES	0.5	37.8	15.8	16.2	12.1	13.8	20.0
FR	7.8	18.3	17.8	14.3	14.1	16.0	23.0
HR	2.1	45.3	36.2	27.9	14.8	15.9	20.0
IT	4.5	33.4	18.9	17.1	8.7	10.5	17.0
CY	2.7	7.4	21.8	9.0	5.9	7.4	13.0
LV	3.2	51.1	52.2	38.7	34.8	35.9	40.0
LT	4.2	13.7	41.6	23.9	17.4	18.6	23.0
LU	5.2	5.9	7.4	4.5	3.9	5.4	11.0
HU	6.9	7.3	12.4	9.5	6.9	8.2	13.0
MT	4.7	3.3	14.6	4.7	3.0	4.5	10.0
NL	5.7	10.0	5.2	5.5	5.9	7.6	14.0
AT	8.9	70.0	32.6	33.1	26.5	28.1	34.0
PL	5.7	12.4	13.9	11.4	9.5	10.7	15.0
PT	3.4	52.1	34.0	27.0	23.7	25.2	31.0
RO	3.8	41.7	26.8	24.9	19.7	20.6	24.0
SI	2.6	33.9	33.3	21.9	18.7	20.1	25.0
SK	6.9	23.0	8.7	11.6	8.9	10.0	14.0
FI	21.6	31.4	51.9	38.7	31.4	32.8	38.0
SE	19.2	63.3	68.1	52.6	42.6	43.9	49.0
UK	4.9	17.8	4.5	7.0	5.4	7.5	15.0

* In % of the Gross Final Energy Consumption.

Source: Eurostat, February 2016
Methodology and Notes: See Appendix 13 – No 1

1.3.1 Renewable Energy Targets*

OVERALL RENEWABLE ENERGY SHARE 2014 (%)

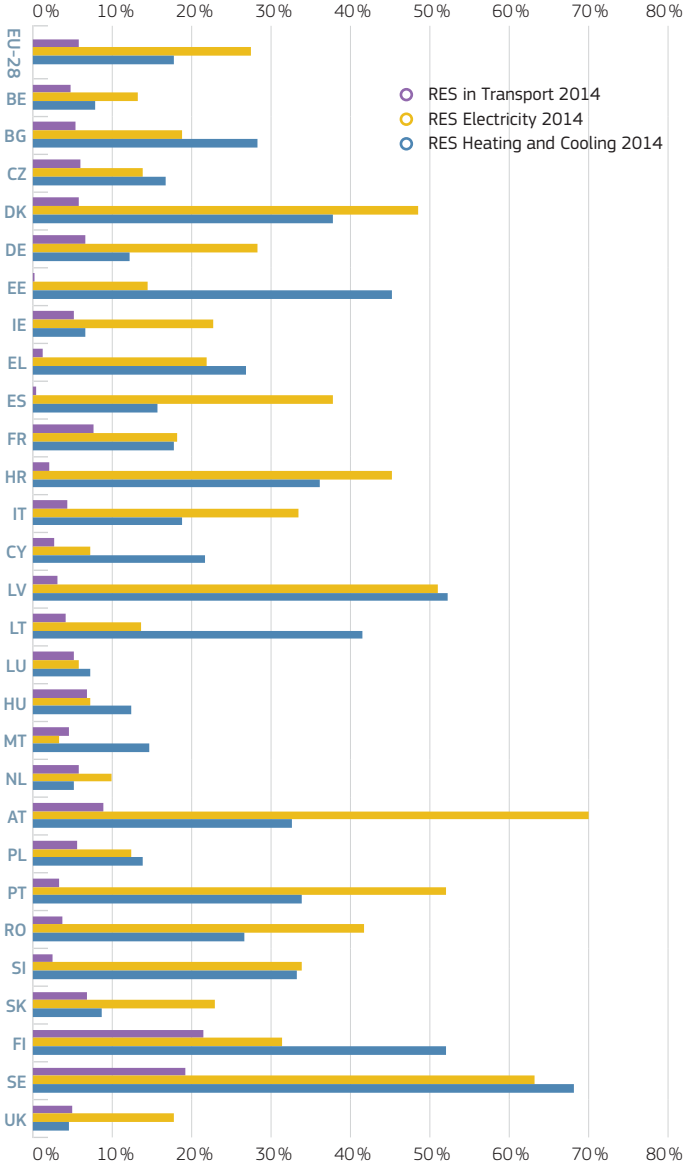


* In Gross Final Energy Consumption.

Source: Eurostat, February 2016
Methodology and Notes: **See Appendix 13 – No 1**

1.3.2 Renewable Energy Shares*

RES SHARES IN HEATING AND COOLING, ELECTRICITY, AND TRANSPORT – 2014 (%)



* In Gross Final Energy Consumption.

Source: Eurostat, February 2016
Methodology and Notes: See Appendix 13 – No 1

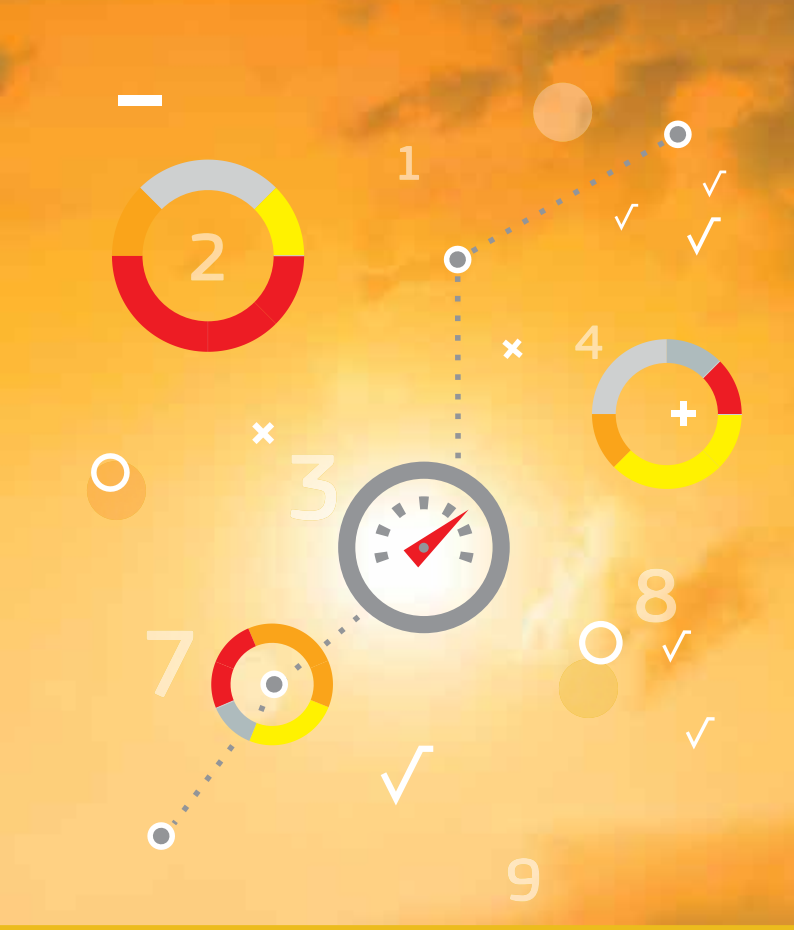
1.3.3 GHG Emissions Targets*

EMISSIONS COMPARED TO 1990

Index 100=1990	1990	1995	2000	2005	2010	2013	2014
EU-28	100.0	94.1	92.1	93.2	85.7	80.2	77.1
BE	100.0	105.2	103.2	99.5	92.2	82.6	79.1
BG	100.0	71.1	55.9	60.4	57.6	52.9	55.1
CZ	100.0	79.4	75.8	74.9	70.6	65.9	63.5
DK	100.0	111.1	101.4	95.7	91.2	80.0	74.4
DE	100.0	90.1	84.3	80.5	76.6	77.0	73.5
EE	100.0	49.9	42.7	46.0	50.0	54.3	52.9
IE	100.0	106.6	124.3	127.4	112.9	105.8	105.7
EL	100.0	105.7	121.4	129.0	112.6	99.9	97.2
ES	100.0	114.2	135.6	154.5	128.1	116.9	117.5
FR	100.0	100.2	102.2	102.5	95.3	90.3	85.4
HR	100.0	70.0	77.2	88.9	83.1	72.0	70.4
IT	100.0	102.5	106.9	111.8	98.4	85.2	81.4
CY	100.0	123.5	143.4	158.2	161.7	136.4	143.1
LV	100.0	48.8	39.8	43.9	47.8	44.3	44.0
LT	100.0	45.7	39.5	47.2	42.6	40.7	40.5
LU	100.0	80.4	80.8	108.3	102.0	93.1	90.6
HU	100.0	80.6	78.5	81.1	70.0	61.3	61.0
MT	100.0	128.8	135.2	147.7	154.9	148.7	150.9
NL	100.0	105.8	101.5	99.4	98.8	90.7	87.3
AT	100.0	101.8	103.0	118.9	109.1	102.9	98.2
PL	100.0	94.2	83.0	84.0	86.1	83.4	80.7
PT	100.0	117.5	138.3	145.6	117.6	109.1	108.8
RO	100.0	72.6	55.8	58.2	46.5	43.7	43.7
SI	100.0	100.8	102.8	110.3	105.5	98.5	89.2
SK	100.0	73.2	66.8	69.0	62.4	57.5	54.5
FI	100.0	100.6	98.2	97.9	107.3	90.2	84.4
SE	100.0	103.0	96.7	94.1	91.6	79.4	77.4
UK	100.0	94.7	91.6	89.6	79.1	73.8	68.5

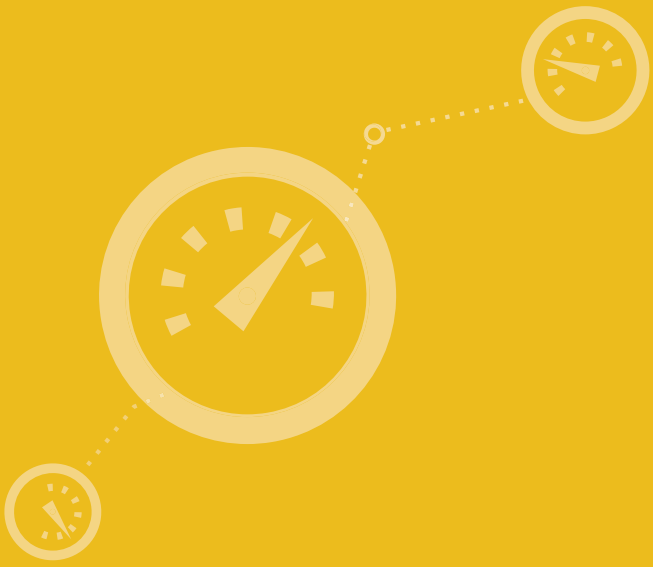
* Emissions of the Kyoto basket of GHG.

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 1**



Energy in the EU

PART 2



Summary

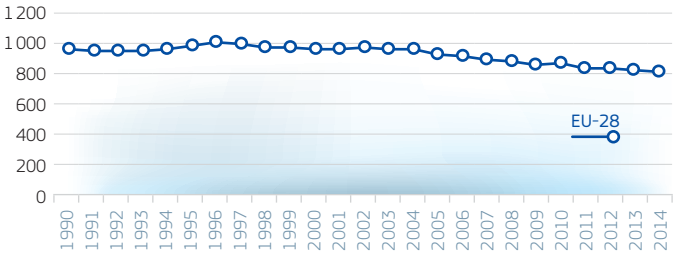
2.1 Energy Supply

2.1.1 Production*

ALL FUELS

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	969.1	951.9	914.3	849.6	804.7	786.1
Index 1995	100 %	98 %	94 %	88 %	83 %	81 %
BE	11.83	13.61	13.72	16.15	15.54	13.21
BG	10.27	9.87	10.70	10.53	10.59	11.32
CZ	32.46	30.54	32.86	31.58	30.08	29.22
DK	16.26	28.77	30.78	22.92	16.48	15.81
DE	145.26	135.60	139.11	133.03	125.32	124.91
EE	3.89	3.55	4.39	5.60	6.37	6.63
IE	4.10	2.16	1.65	1.88	2.36	2.12
EL	9.36	10.01	10.33	9.46	9.33	8.85
ES	31.43	31.49	30.09	34.53	34.73	35.10
FR	127.36	130.14	136.20	134.90	135.32	136.93
HR	5.00	4.26	4.75	5.16	4.51	4.43
IT	29.83	28.49	30.33	33.07	36.86	36.81
CY	0.04	0.04	0.05	0.09	0.11	0.12
LV	1.43	1.47	1.87	1.98	2.14	2.38
LT	3.78	3.28	3.96	1.33	1.43	1.50
LU	0.05	0.06	0.11	0.12	0.14	0.16
HU	13.90	11.60	10.37	11.06	10.20	10.11
MT	0.00	0.00	0.00	0.00	0.01	0.01
NL	70.06	61.95	66.87	74.42	73.35	62.90
AT	8.77	9.79	9.89	11.92	12.14	12.07
PL	99.38	79.59	78.59	67.38	71.47	67.89
PT	3.39	3.89	3.62	5.80	5.86	6.08
RO	32.31	28.47	28.22	27.82	26.19	26.66
SI	2.96	3.09	3.49	3.79	3.61	3.69
SK	5.06	6.39	6.68	6.35	6.82	6.72
FI	13.13	15.16	16.95	17.99	18.67	18.67
SE	31.38	30.05	34.26	32.76	34.80	34.27
UK	256.46	268.55	204.43	148.03	110.29	107.56

PRODUCTION – ALL FUELS – 1990-2014 (Mtoe)



* Primary Production and Receipt, Production from Other Sources and Recycled Products.

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.1.1 Production*

BY FUEL

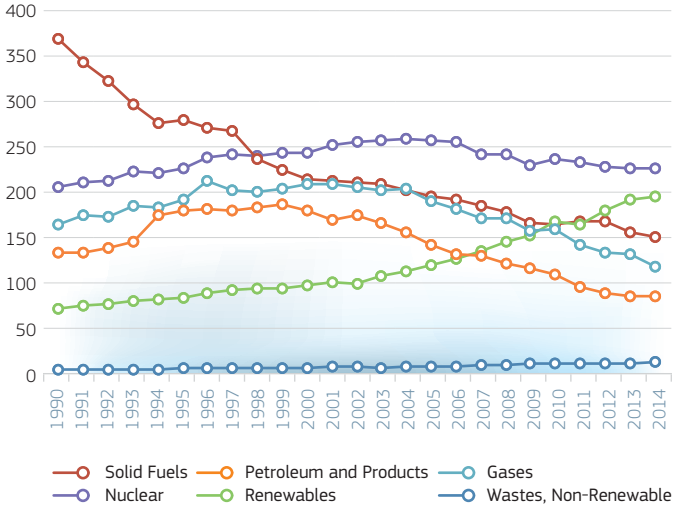
Mtoe	2014 Nuclear	Solid Fuels	Renewables	Gases	Petroleum and Products	Wastes, Non-Renewable
EU-28	226.1	150.0	195.8	117.3	84.5	12.4
Share (%)	28.8%	19.1%	24.9%	14.9%	10.7%	1.6%
BE	8.69	0.00	2.86	0.00	0.99	0.66
BG	4.11	5.12	1.84	0.16	0.07	0.02
CZ	7.84	16.93	3.66	0.21	0.33	0.25
DK	0.00	0.00	3.14	4.16	8.09	0.42
DE	25.06	44.13	36.02	6.86	8.54	4.30
EE	0.00	4.58	1.19	0.00	0.80	0.07
IE	0.00	0.97	0.85	0.12	0.11	0.06
EL	0.00	6.38	2.33	0.01	0.11	0.02
ES	14.78	1.63	18.00	0.02	0.46	0.20
FR	112.59	0.19	21.00	0.02	1.89	1.24
HR	0.00	0.00	2.29	1.44	0.68	0.01
IT	0.00	0.06	23.64	5.86	6.10	1.16
CY	0.00	0.00	0.11	0.00	0.00	0.01
LV	0.00	0.00	2.37	0.00	0.00	0.01
LT	0.00	0.03	1.36	0.00	0.10	0.02
LU	0.00	0.00	0.12	0.00	0.00	0.03
HU	4.05	1.59	2.05	1.44	0.90	0.10
MT	0.00	0.00	0.01	0.00	0.00	0.00
NL	1.06	0.00	4.56	50.37	6.24	0.68
AT	0.00	0.00	9.37	1.09	0.91	0.70
PL	0.00	54.03	8.05	3.73	1.56	0.52
PT	0.00	0.00	5.85	0.00	0.09	0.15
RO	3.01	4.45	6.09	8.77	4.28	0.07
SI	1.64	0.82	1.18	0.00	0.01	0.04
SK	4.04	0.58	1.44	0.08	0.42	0.15
FI	6.08	1.60	10.07	0.00	0.67	0.24
SE	16.74	0.13	16.66	0.01	0.13	0.60
UK	16.44	6.79	9.70	32.93	41.02	0.67

* Primary Production and Receipt, Production from Other Sources and Recycled Products.

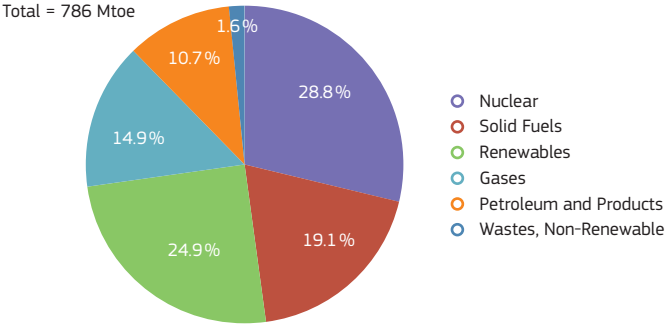
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.1.1 Production*

BY FUEL – EU-28 – 1990-2014 (Mtoe)



PRODUCTION – BY FUEL – EU-28 – 2014 (% OF TOTAL)



* Primary Production and Receipt, Production from Other Sources and Recycled Products.

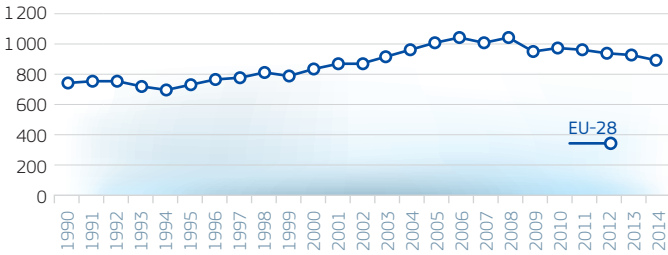
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.1.2 Net Imports

ALL FUELS

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	736.60	827.19	980.64	954.19	908.52	880.89
Index 1995	100%	112%	133%	130%	123%	120%
BE	46.64	50.53	53.46	53.59	48.53	47.07
BG	12.83	8.54	9.28	7.08	6.36	6.15
CZ	8.60	9.41	12.64	11.45	11.79	12.59
DK	7.27	-7.37	-10.13	-3.25	2.51	2.26
DE	195.18	204.71	208.11	201.69	204.59	194.21
EE	1.81	1.63	1.50	0.87	0.85	0.62
IE	7.77	12.37	13.77	13.21	12.35	11.68
EL	18.29	22.15	23.50	21.83	16.43	17.40
ES	75.42	99.34	123.83	106.34	89.05	90.66
FR	117.06	134.08	144.17	132.14	125.30	115.39
HR	2.85	4.08	5.15	4.39	4.04	3.59
IT	134.50	152.07	160.37	149.46	124.24	116.12
CY	2.04	2.57	2.84	2.94	2.33	2.29
LV	3.36	2.36	3.10	2.22	2.63	1.90
LT	5.54	4.25	5.03	5.67	5.30	5.23
LU	3.25	3.64	4.68	4.51	4.21	4.07
HU	12.55	13.96	17.42	14.97	11.81	14.06
MT	0.84	1.46	1.63	2.36	2.14	2.05
NL	17.15	34.71	37.85	30.14	24.38	30.23
AT	18.02	19.01	24.52	21.57	20.78	21.54
PL	-1.16	8.77	15.94	31.53	25.17	27.05
PT	18.02	22.07	24.85	18.59	16.79	16.26
RO	14.03	7.99	10.84	7.83	6.02	5.50
SI	3.09	3.41	3.86	3.58	3.25	3.01
SK	12.14	12.00	12.43	11.26	10.07	9.86
FI	15.91	18.25	18.99	17.87	16.62	16.92
SE	20.43	20.44	19.46	19.29	16.02	15.99
UK	-36.83	-39.22	31.59	61.07	94.98	87.22

NET IMPORTS – ALL FUELS – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.1.2 Net Imports

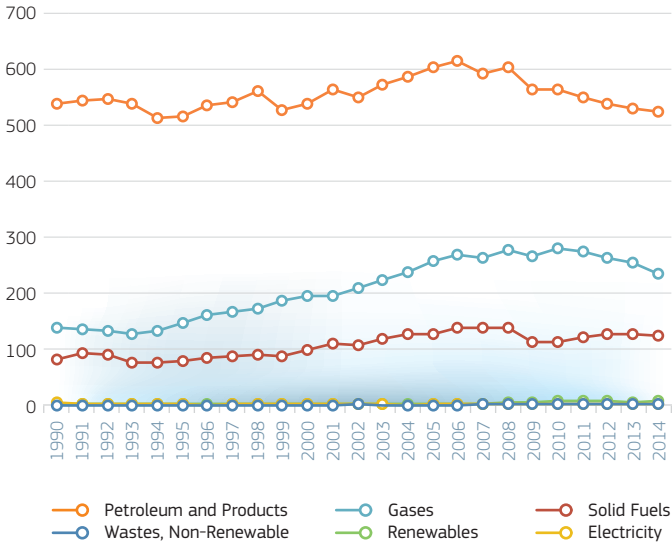
BY FUEL

Mtoe	2014					
	Net imports	Petroleum and Products	Gases	Solid Fuels	Renewables	Electricity
EU-28	880.9	520.1	231.1	122.5	5.6	1.3
Share (%)	100.0 %	59.0 %	26.2 %	13.9 %	0.6 %	0.2 %
BE	47.07	28.94	12.75	3.37	0.50	1.51
BG	6.15	3.87	2.22	0.93	-0.06	-0.81
CZ	12.59	8.85	5.95	-0.79	-0.02	-1.40
DK	2.26	-0.47	-1.31	2.51	1.29	0.25
DE	194.21	105.40	56.67	35.66	-0.61	-2.91
EE	0.62	0.73	0.44	0.01	-0.32	-0.24
IE	11.68	6.60	3.59	1.20	0.11	0.18
EL	17.40	13.87	2.47	0.19	0.12	0.76
ES	90.66	57.76	24.50	8.85	-0.16	-0.29
FR	115.39	77.87	33.79	9.16	0.35	-5.78
HR	3.59	2.35	0.58	0.60	-0.27	0.34
IT	116.12	51.14	45.47	12.90	2.85	3.76
CY	2.29	2.27	0.00	0.00	0.02	0.00
LV	1.90	1.54	0.78	0.05	-0.72	0.20
LT	5.23	2.28	2.14	0.21	-0.07	0.66
LU	4.07	2.69	0.84	0.05	0.07	0.42
HU	14.06	5.60	6.82	0.62	-0.14	1.15
MT	2.05	2.05	0.00	0.00	0.01	0.00
NL	30.23	41.42	-21.23	9.81	-1.19	1.27
AT	21.54	10.97	6.24	3.07	0.47	0.80
PL	27.05	20.97	9.65	-4.29	0.54	0.19
PT	16.26	10.41	3.48	2.60	-0.32	0.08
RO	5.50	4.61	0.47	1.00	0.04	-0.61
SI	3.01	2.33	0.62	0.24	0.05	-0.24
SK	9.86	2.98	3.95	2.85	-0.03	0.10
FI	16.92	9.18	2.51	3.60	0.09	1.55
SE	15.99	13.94	0.79	1.99	0.61	-1.34
UK	87.22	29.91	26.92	26.17	2.45	1.77

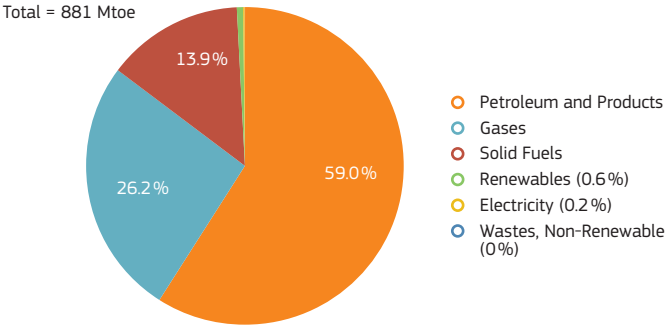
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.1.2 Net Imports

BY FUEL – EU-28 – 1990-2014 (Mtoe)



NET IMPORTS – BY FUEL – EU-28 – 2014 (% TOTAL)



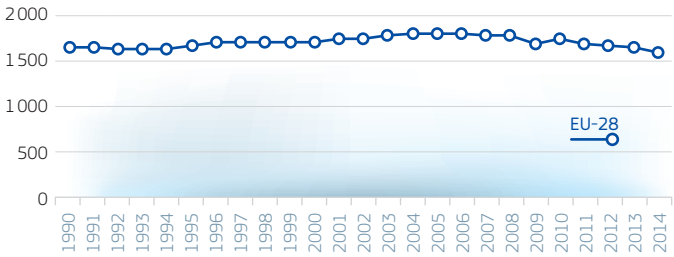
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.1.3 Gross Inland Consumption

ALL FUELS

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	1674.67	1729.98	1831.03	1763.70	1666.70	1605.93
Index 1995	100%	103%	109%	105%	100%	96%
BE	53.83	59.33	59.08	61.17	56.52	53.37
BG	22.69	18.52	19.75	17.77	16.76	17.73
CZ	41.71	41.09	45.12	44.67	42.19	41.46
DK	20.20	19.74	19.56	20.04	18.22	16.91
DE	341.64	342.33	341.91	332.97	324.49	312.97
EE	5.53	4.97	5.62	6.15	6.70	6.73
IE	11.07	14.43	15.27	15.17	13.70	13.56
EL	23.87	28.29	31.41	28.84	24.30	24.43
ES	102.08	123.64	144.22	130.25	119.33	116.68
FR	241.78	257.54	276.60	267.09	258.95	248.50
HR	7.86	8.42	9.78	9.43	8.59	8.20
IT	161.77	174.22	190.08	177.93	159.52	151.03
CY	1.97	2.41	2.54	2.74	2.19	2.22
LV	4.62	3.86	4.59	4.63	4.47	4.45
LT	8.64	7.06	8.71	6.79	6.69	6.70
LU	3.32	3.65	4.80	4.64	4.34	4.22
HU	26.18	25.30	27.61	25.71	22.68	22.77
MT	0.76	0.80	0.97	0.94	0.87	0.89
NL	75.42	78.10	84.43	86.08	80.43	76.81
AT	27.11	29.02	34.20	34.35	33.68	32.67
PL	98.83	88.65	92.22	100.68	97.98	94.31
PT	20.64	25.29	27.48	24.28	22.40	22.10
RO	46.31	36.65	39.21	35.80	32.43	32.29
SI	6.07	6.45	7.33	7.34	6.87	6.68
SK	17.72	18.30	19.03	17.86	17.00	16.18
FI	29.36	32.44	34.54	37.14	34.13	34.59
SE	51.47	48.90	50.99	50.78	49.13	48.17
UK	222.25	230.56	234.00	212.48	202.17	189.34

GROSS INLAND CONSUMPTION – ALL FUELS – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.1.3 Gross Inland Consumption

BY FUEL

	2014						
Mtoe	Petroleum and Products	Gases	Solid Fuels	Nuclear	Renewables	Waste, Non-Renewable	Electricity
EU-28	553.2	342.9	268.5	226.1	201.2	12.6	1.3
Share (%)	34.4 %	21.4 %	16.7 %	14.1 %	12.5 %	0.8 %	0.1 %
BE	23.25	12.60	3.29	8.69	3.36	0.66	1.51
BG	3.87	2.36	6.40	4.11	1.79	0.02	-0.81
CZ	9.07	6.18	15.88	7.84	3.64	0.25	-1.40
DK	6.59	2.83	2.39	0.00	4.44	0.42	0.25
DE	108.42	63.09	79.62	25.06	35.41	4.30	-2.91
EE	1.10	0.44	4.50	0.00	0.86	0.07	-0.24
IE	6.63	3.72	2.01	0.00	0.96	0.06	0.19
EL	12.03	2.48	6.69	0.00	2.45	0.02	0.76
ES	49.07	23.67	11.49	14.78	17.77	0.20	-0.29
FR	77.24	32.60	9.29	112.59	21.32	1.24	-5.78
HR	3.17	2.02	0.65	0.00	2.01	0.01	0.34
IT	55.83	50.71	13.07	0.00	26.51	1.16	3.76
CY	2.08	0.00	0.00	0.00	0.13	0.01	0.00
LV	1.43	1.08	0.06	0.00	1.61	0.07	0.20
LT	2.44	2.07	0.24	0.00	1.28	0.02	0.66
LU	2.67	0.85	0.05	0.00	0.19	0.03	0.42
HU	6.36	6.98	2.21	4.05	1.92	0.10	1.15
MT	0.87	0.00	0.00	0.00	0.02	0.00	0.00
NL	32.20	29.06	9.01	1.06	3.40	0.82	1.27
AT	11.90	6.45	3.05	0.00	9.79	0.70	0.80
PL	22.37	13.41	49.24	0.00	8.59	0.52	0.19
PT	10.17	3.47	2.68	0.00	5.53	0.17	0.08
RO	8.59	9.36	5.75	3.01	6.12	0.07	-0.61
SI	2.33	0.63	1.05	1.64	1.23	0.04	-0.24
SK	3.28	3.77	3.42	4.04	1.42	0.15	0.10
FI	9.58	2.52	4.47	6.08	10.16	0.24	1.55
SE	12.00	0.80	2.10	16.74	17.27	0.60	-1.34
UK	68.63	59.78	29.94	16.44	12.11	0.67	1.76

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.1.3 Gross Inland Consumption

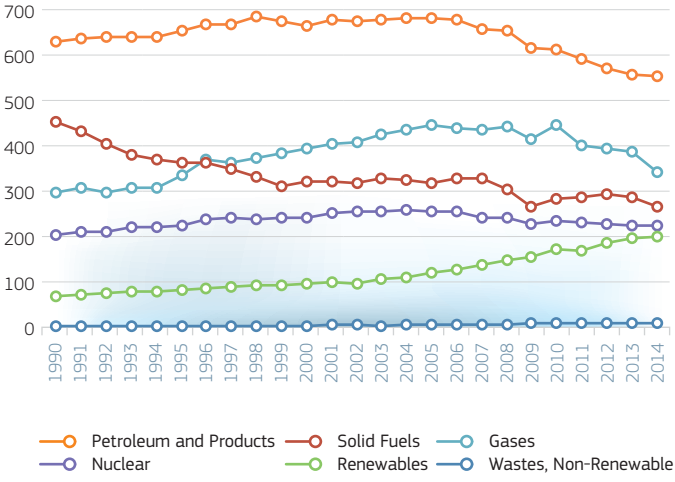
RENEWABLES

	2014						
Mtoe	Renewables	Biomass and Renewable Wastes	Hydro	Wind	Solar	Geothermal	Tide, Wave and Ocean
EU-28	201.2	129.0	32.2	21.8	12.0	6.2	0.0
Share (%)	12.5 %	8.0 %	2.0 %	1.4 %	0.7 %	0.4 %	0.0 %
BE	3.36	2.67	0.02	0.40	0.27	0.00	0.00
BG	1.79	1.12	0.40	0.11	0.13	0.03	0.00
CZ	3.64	3.23	0.16	0.04	0.20	0.00	0.00
DK	4.44	3.22	0.00	1.13	0.08	0.00	0.00
DE	35.41	24.88	1.68	4.93	3.73	0.18	0.00
EE	0.86	0.81	0.00	0.05	0.00	0.00	0.00
IE	0.96	0.45	0.06	0.44	0.01	0.00	0.00
EL	2.45	1.21	0.39	0.32	0.52	0.01	0.00
ES	17.77	6.80	3.37	4.47	3.11	0.02	0.00
FR	21.32	13.57	5.40	1.48	0.61	0.22	0.04
HR	2.01	1.15	0.77	0.06	0.01	0.01	0.00
IT	26.51	12.84	5.03	1.31	2.10	5.24	0.00
CY	0.13	0.04	0.00	0.02	0.07	0.00	0.00
LV	1.61	1.43	0.17	0.01	0.00	0.00	0.00
LT	1.28	1.18	0.03	0.06	0.01	0.00	0.00
LU	0.19	0.16	0.01	0.01	0.01	0.00	0.00
HU	1.92	1.70	0.03	0.06	0.01	0.13	0.00
MT	0.02	0.01	0.00	0.00	0.01	0.00	0.00
NL	3.40	2.76	0.01	0.50	0.09	0.04	0.00
AT	9.79	5.65	3.53	0.33	0.25	0.03	0.00
PL	8.59	7.71	0.19	0.66	0.02	0.02	0.00
PT	5.53	2.83	1.34	1.04	0.13	0.19	0.00
RO	6.12	3.81	1.62	0.53	0.14	0.03	0.00
SI	1.23	0.64	0.52	0.00	0.03	0.03	0.00
SK	1.42	0.99	0.36	0.00	0.06	0.01	0.00
FI	10.16	8.91	1.15	0.10	0.00	0.00	0.00
SE	17.27	10.80	5.48	0.97	0.02	0.00	0.00
UK	12.11	8.45	0.51	2.75	0.40	0.00	0.00

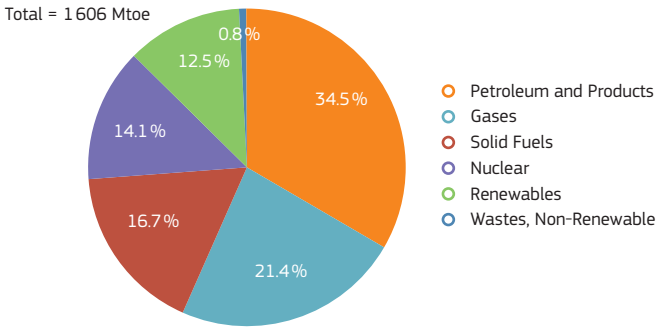
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.1.3 Gross Inland Consumption

BY FUEL – EU-28 – 1990-2014 (Mtoe)



GROSS INLAND CONSUMPTION – BY FUEL – EU-28 – 2014 (% TOTAL)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

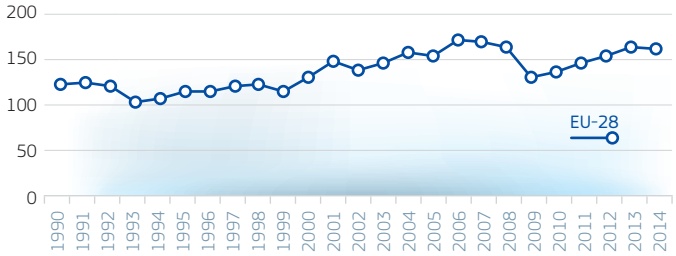
2.2 Imports

2.2.1 Imports – Solid Fuels

TOTAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	116.3	131.8	153.6	136.1	162.0	159.8
Index 1995	100%	113%	132%	117%	139%	137%
BE	10.34	8.43	6.04	4.42	3.82	3.83
BG	2.42	2.38	2.57	1.75	1.01	0.98
CZ	1.84	1.04	1.35	2.23	2.00	2.86
DK	7.68	3.86	3.56	2.68	2.88	2.54
DE	12.26	22.20	26.57	32.55	37.43	37.17
EE	0.35	0.33	0.07	0.05	0.04	0.05
IE	1.90	1.70	1.91	0.96	1.48	1.22
EL	0.92	0.81	0.40	0.40	0.23	0.20
ES	8.67	13.35	14.83	7.85	8.08	9.53
FR	9.60	13.55	14.14	12.37	11.76	9.19
HR	0.15	0.49	0.62	0.70	0.75	0.61
IT	13.09	13.22	16.52	14.00	13.18	13.13
CY	0.01	0.03	0.04	0.01	0.00	0.00
LV	0.17	0.06	0.08	0.12	0.07	0.05
LT	0.16	0.08	0.18	0.22	0.31	0.22
LU	0.49	0.11	0.08	0.07	0.05	0.05
HU	1.65	1.21	1.45	1.41	1.04	1.06
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	11.62	14.01	12.99	12.78	25.20	28.67
AT	2.64	3.06	3.99	3.37	3.13	3.07
PL	1.08	1.02	2.15	8.27	6.46	6.43
PT	3.86	3.97	3.23	1.63	2.53	2.60
RO	3.07	1.93	2.96	1.28	1.09	1.01
SI	0.19	0.24	0.33	0.28	0.27	0.24
SK	4.18	3.47	3.90	3.22	2.87	2.93
FI	3.86	3.55	3.36	3.98	3.40	3.65
SE	2.80	2.43	2.58	2.57	1.85	2.01
UK	11.34	15.23	27.71	16.90	31.07	26.55

IMPORTS – SOLID FUELS – TOTAL – 1990-2014 (Mtoe)



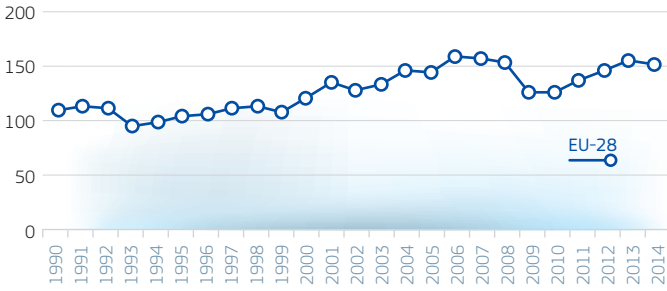
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.1 Imports – Solid Fuels

HARD COAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	105.9	120.7	144.1	126.9	153.6	150.7
Index 1995	100 %	114 %	136 %	120 %	145 %	142 %
BE	9.44	7.46	5.70	4.09	3.46	3.43
BG	2.35	2.25	2.49	1.70	0.96	0.92
CZ	1.63	0.63	0.76	1.29	1.27	1.95
DK	7.65	3.82	3.54	2.67	2.86	2.53
DE	9.50	17.39	23.93	29.33	34.92	34.66
EE	0.05	0.06	0.04	0.05	0.04	0.05
IE	1.87	1.68	1.88	0.95	1.46	1.20
EL	0.92	0.81	0.40	0.40	0.22	0.20
ES	8.09	13.25	14.74	7.71	7.96	9.36
FR	8.91	12.49	13.00	11.41	11.09	8.51
HR	0.07	0.44	0.57	0.66	0.71	0.57
IT	12.58	12.87	15.94	13.99	12.55	12.30
CY	0.01	0.03	0.04	0.01	0.00	0.00
LV	0.17	0.05	0.07	0.11	0.07	0.05
LT	0.16	0.07	0.16	0.18	0.25	0.18
LU	0.13	0.10	0.07	0.06	0.04	0.05
HU	1.23	1.12	1.30	1.40	1.03	1.03
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	11.06	13.63	12.71	12.54	25.03	28.29
AT	2.05	2.34	3.00	2.48	2.21	2.20
PL	1.05	1.01	2.05	8.16	6.27	6.22
PT	3.84	3.97	3.22	1.63	2.53	2.59
RO	3.01	1.65	2.42	0.52	0.56	0.41
SI	0.14	0.20	0.30	0.23	0.20	0.21
SK	3.10	3.15	3.48	2.57	2.58	2.59
FI	3.67	3.21	3.01	3.68	3.14	3.36
SE	2.37	2.14	2.22	2.29	1.74	1.91
UK	10.87	14.90	27.09	16.82	30.50	25.91

IMPORTS – SOLID FUELS – HARD COAL – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.1 Imports – Solid Fuels

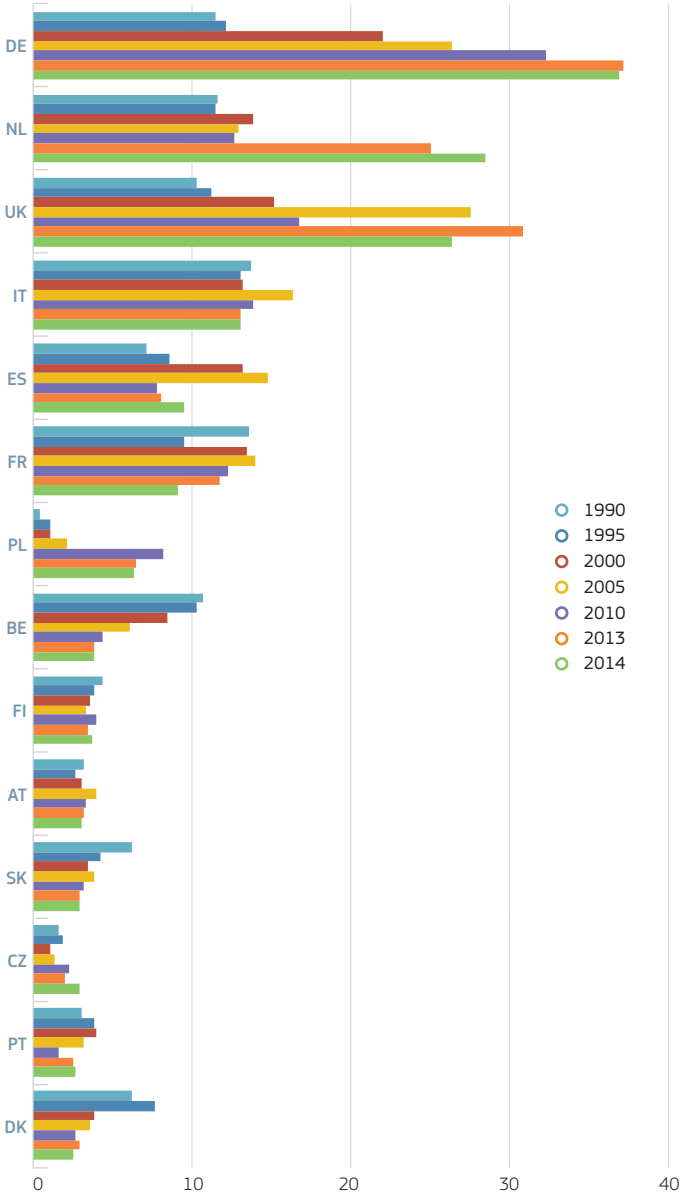
RANKING

Mtoe and %	1995			2014		
Top 10 Ranking	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Solid Fuels						
1	IT	13.1	11.3%	DE	37.2	23.3%
2	DE	12.3	10.5%	NL	28.7	17.9%
3	NL	11.6	10.0%	UK	26.6	16.6%
4	UK	11.3	9.7%	IT	13.1	8.2%
5	BE	10.3	8.9%	ES	9.5	6.0%
6	FR	9.6	8.3%	FR	9.2	5.8%
7	ES	8.7	7.4%	PL	6.4	4.0%
8	DK	7.7	6.6%	BE	3.8	2.4%
9	SK	4.2	3.6%	FI	3.6	2.3%
10	PT	3.9	3.3%	AT	3.1	1.9%
Top 5 Total		58.6	50.4%		115.0	72.0%
Total EU-28		116.3	100.0%		159.8	100.0%
Of which: Hard Coal						
1	IT	12.6	11.9%	DE	34.7	23.0%
2	NL	11.1	10.4%	NL	28.3	18.8%
3	UK	10.9	10.3%	UK	25.9	17.2%
4	DE	9.5	9.0%	IT	12.3	8.2%
5	BE	9.4	8.9%	ES	9.4	6.2%
6	FR	8.9	8.4%	FR	8.5	5.6%
7	ES	8.1	7.6%	PL	6.2	4.1%
8	DK	7.6	7.2%	BE	3.4	2.3%
9	PT	3.8	3.6%	FI	3.4	2.2%
10	FI	3.7	3.5%	SK	2.6	1.7%
Top 5 Total		53.4	50.5%		110.5	73.3%
Total EU-28		105.9	100.0%		150.7	100.0%

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.1 Imports – Solid Fuels

BY MEMBER STATE – TOP 14 IMPORTERS
1990-2014 (Mtoe)

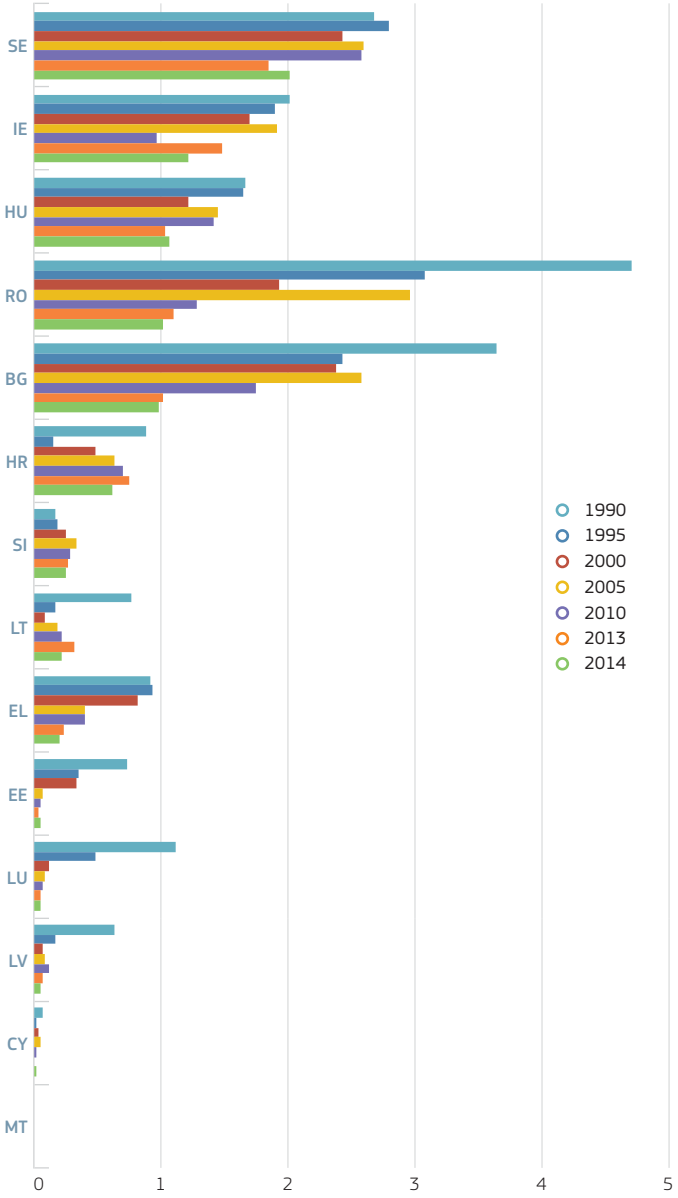


Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.2.1 Imports – Solid Fuels

BY MEMBER STATE – LEAST 14 IMPORTERS

1990-2014 (Mtoe)



Source: Eurostat, June 2016

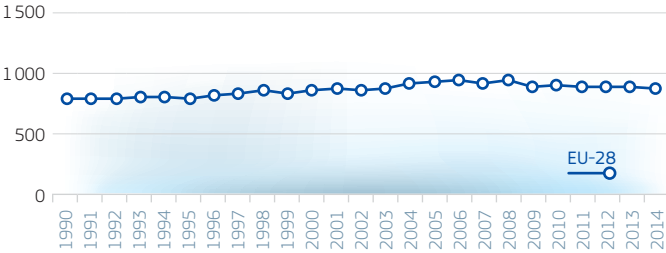
Methodology and Notes: See Appendix 13 – No 2

2.2.2 Imports – Petroleum and Products

TOTAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	801.2	868.0	954.9	914.7	894.2	882.4
Index 1995	100 %	108 %	119 %	114 %	112 %	110 %
BE	44.53	52.79	58.21	56.35	56.65	58.36
BG	7.96	5.97	7.55	7.60	8.16	7.91
CZ	8.89	8.60	10.90	10.61	10.03	10.86
DK	10.32	9.88	8.69	9.38	12.43	11.98
DE	146.77	147.99	147.38	128.40	127.87	126.65
EE	1.17	0.93	1.16	1.16	1.68	1.89
IE	6.80	9.56	10.14	9.17	8.12	7.87
EL	21.43	23.81	26.44	27.21	26.99	29.58
ES	67.52	78.17	87.72	80.31	77.88	78.99
FR	102.35	114.09	122.96	106.18	98.86	97.05
HR	4.49	4.19	5.50	4.94	4.05	3.93
IT	106.72	109.37	108.86	97.87	79.00	72.33
CY	2.03	2.53	2.79	2.91	2.31	2.27
LV	2.14	1.35	2.28	1.94	2.35	2.36
LT	5.32	5.41	9.61	10.22	10.85	9.43
LU	1.78	2.39	3.16	2.86	2.80	2.69
HU	7.59	7.09	8.79	8.33	7.65	8.69
MT	0.84	1.46	1.63	2.38	2.28	2.24
NL	90.27	104.34	125.74	146.44	145.92	140.67
AT	11.02	12.29	15.39	13.70	13.68	13.40
PL	15.42	20.98	24.46	28.68	27.70	28.39
PT	17.96	17.48	19.55	15.30	16.11	15.20
RO	11.18	6.30	9.88	8.46	7.89	9.39
SI	2.35	2.69	2.85	3.28	3.30	3.76
SK	5.11	6.01	6.92	6.69	7.12	6.67
FI	12.65	15.33	15.75	16.06	18.30	17.85
SE	26.90	27.93	27.30	27.94	23.87	26.86
UK	59.68	69.14	83.34	80.36	90.40	85.11

IMPORTS – PETROLEUM AND PRODUCTS – TOTAL – 1990-2014 (Mtoe)



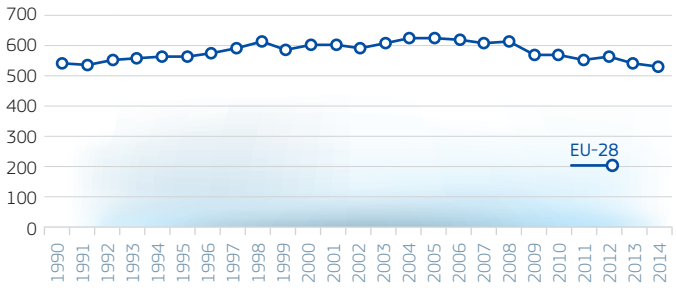
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.2.2 Imports – Petroleum and Products

CRUDE AND NGL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	565.5	609.9	635.8	573.3	540.7	532.6
Index 1995	100 %	108 %	112 %	101 %	96 %	94 %
BE	26.18	34.04	31.77	33.11	27.91	32.57
BG	7.39	5.18	5.84	5.37	5.50	4.95
CZ	7.06	5.68	7.70	7.83	6.67	7.51
DK	5.43	3.77	2.71	2.69	4.68	3.44
DE	102.37	104.69	111.74	92.31	89.62	88.75
EE	0.00	0.00	0.00	0.00	0.00	0.00
IE	2.27	2.98	3.16	3.08	2.93	2.70
EL	15.51	19.60	18.92	20.54	19.58	21.19
ES	55.34	57.70	59.94	52.69	57.98	58.81
FR	78.65	86.84	85.43	65.13	56.79	55.05
HR	4.23	3.95	4.02	3.56	2.49	1.87
IT	73.82	83.27	89.91	79.59	59.38	54.90
CY	0.80	1.16	0.00	0.00	0.00	0.00
LV	0.00	0.00	0.00	0.00	0.00	0.00
LT	3.10	4.86	9.05	9.16	9.09	7.57
LU	0.00	0.00	0.00	0.00	0.00	0.00
HU	5.89	5.88	6.25	5.66	5.37	6.02
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	60.91	60.61	62.34	60.37	55.33	52.53
AT	7.56	7.28	7.88	6.70	7.80	7.67
PL	11.95	17.48	17.75	22.49	23.04	23.24
PT	13.04	11.63	13.46	11.39	12.45	10.73
RO	8.31	4.76	8.86	6.11	5.44	6.92
SI	0.49	0.13	0.00	0.00	0.00	0.00
SK	5.09	5.74	5.46	5.33	5.75	5.37
FI	8.67	11.56	10.57	11.21	12.13	12.07
SE	19.50	21.97	19.49	19.62	16.37	18.61
UK	41.91	49.11	53.57	49.42	54.39	50.10

IMPORTS – PETROLEUM AND PRODUCTS – CRUDE AND NGL – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.2 Imports – Petroleum and Products

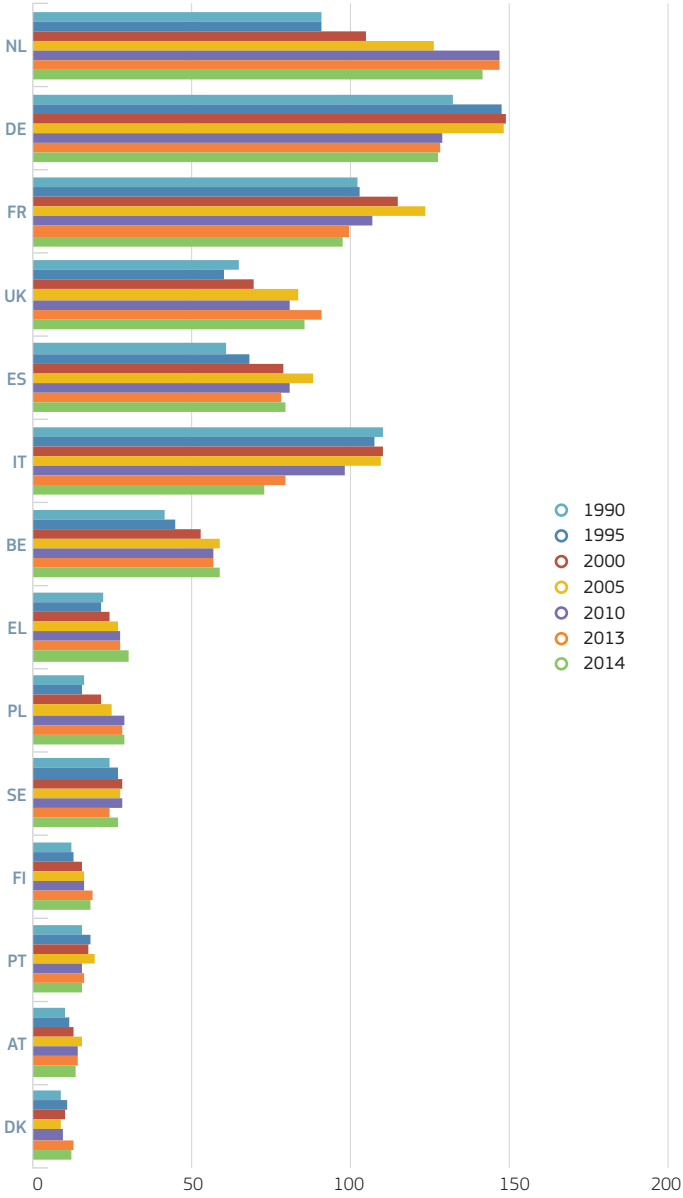
RANKING

Mtoe and %	1995			2014		
Top 10 Ranking	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Petroleum and Products						
1	DE	146.8	18.3%	NL	140.7	15.9%
2	IT	106.7	13.3%	DE	126.7	14.4%
3	FR	102.3	12.8%	FR	97.0	11.0%
4	NL	90.3	11.3%	UK	85.1	9.6%
5	ES	67.5	8.4%	ES	79.0	9.0%
6	UK	59.7	7.4%	IT	72.3	8.2%
7	BE	44.5	5.6%	BE	58.4	6.6%
8	SE	26.9	3.4%	EL	29.6	3.4%
9	EL	21.4	2.7%	PL	28.4	3.2%
10	PT	18.0	2.2%	SE	26.9	3.0%
Top 5 Total		513.6	64.1%		528.5	59.9%
Total		801.2	100.0%		882.4	100.0%
Of which: Crude and NGL						
1	DE	102.4	18.1%	DE	88.7	16.7%
2	FR	78.7	13.9%	ES	58.8	11.0%
3	IT	73.8	13.1%	FR	55.0	10.3%
4	NL	60.9	10.8%	IT	54.9	10.3%
5	ES	55.3	9.8%	NL	52.5	9.9%
6	UK	41.9	7.4%	UK	50.1	9.4%
7	BE	26.2	4.6%	BE	32.6	6.1%
8	SE	19.5	3.4%	PL	23.2	4.4%
9	EL	15.5	2.7%	EL	21.2	4.0%
10	PT	13.0	2.3%	SE	18.6	3.5%
Top 5 Total		371.1	65.6%		310.0	58.2%
Total		565.5	100.0%		532.6	100.0%

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.2.2 Imports – Petroleum and Products

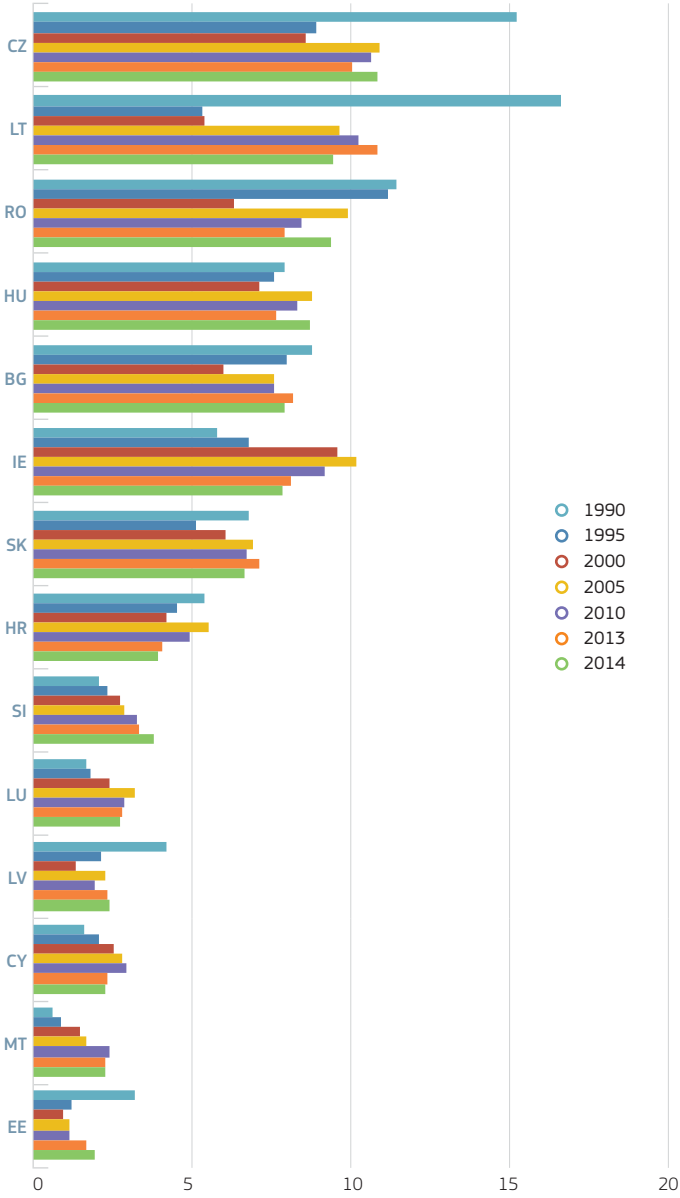
BY MEMBER STATE – TOP 14 IMPORTERS
1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.2 Imports – Petroleum and Products

BY MEMBER STATE – LEAST 14 IMPORTERS
1990-2014 (Mtoe)



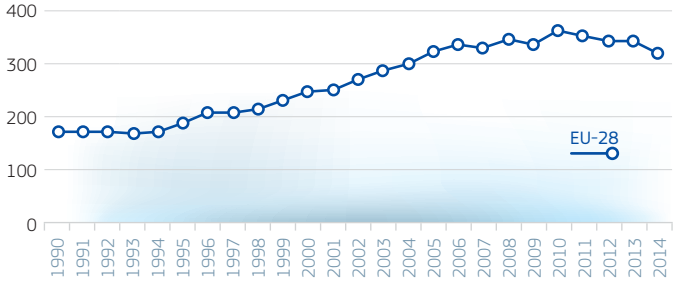
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.2.3 Imports – Gases

TOTAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	180.18	242.43	323.75	365.91	344.89	320.25
Index 1995	100 %	135 %	180 %	203 %	191 %	178 %
BE	10.42	13.28	14.82	19.55	15.26	13.47
BG	4.56	2.74	2.46	2.13	2.23	2.22
CZ	6.43	7.48	7.60	6.98	6.97	5.95
DK	0.00	0.00	0.00	0.14	1.20	0.56
DE	55.32	61.09	78.90	78.80	81.95	75.34
EE	0.58	0.66	0.80	0.56	0.56	0.44
IE	0.09	2.48	3.01	4.48	3.71	3.59
EL	0.00	1.69	2.33	3.23	3.24	2.47
ES	7.52	15.47	30.25	31.96	30.88	31.66
FR	28.11	36.46	41.62	42.11	42.52	40.14
HR	0.22	0.91	0.93	0.87	1.03	0.94
IT	28.56	47.05	60.16	61.72	50.75	45.67
CY	0.00	0.00	0.00	0.00	0.00	0.00
LV	1.00	1.11	1.43	0.90	1.39	0.78
LT	2.03	2.07	2.49	2.49	2.17	2.14
LU	0.56	0.67	1.18	1.20	0.89	0.84
HU	5.53	7.35	9.81	7.91	6.77	7.44
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	2.76	12.48	16.44	18.45	19.35	20.87
AT	5.47	5.32	8.03	10.19	8.53	8.31
PL	5.84	6.64	8.57	8.91	10.27	9.71
PT	0.00	2.04	3.89	4.51	3.81	3.48
RO	4.79	2.71	4.19	1.82	1.17	0.47
SI	0.75	0.82	0.93	0.86	0.69	0.62
SK	4.53	5.71	6.05	5.00	4.36	3.96
FI	2.84	3.43	3.61	3.84	2.86	2.51
SE	0.76	0.78	0.84	1.47	0.96	0.79
UK	1.51	2.01	13.42	45.86	41.41	35.89

IMPORTS – GASES – TOTAL – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.3 Imports – Gases

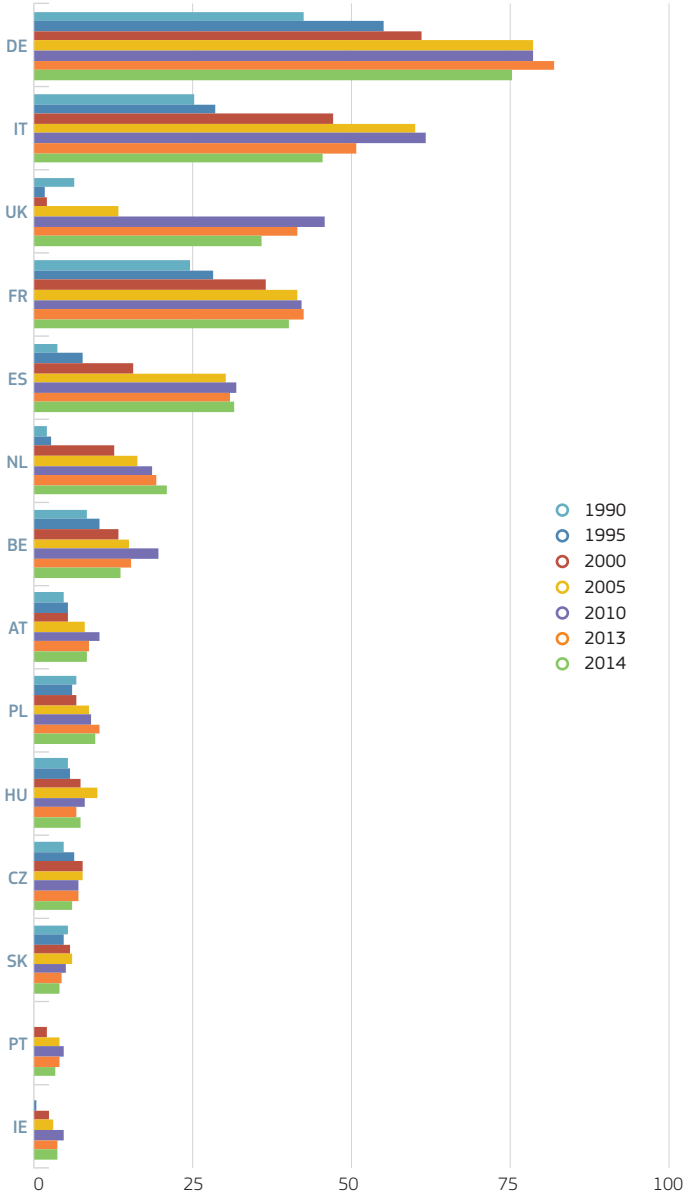
RANKING

Mtoe and %	1995			2014		
EU-28 Ranking	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Gases						
1	DE	55.3	30.7 %	DE	75.3	23.5 %
2	IT	28.6	15.9 %	IT	45.7	14.3 %
3	FR	28.1	15.6 %	UK	35.9	11.2 %
4	BE	10.4	5.8 %	FR	40.1	12.5 %
5	ES	7.5	4.2 %	ES	31.7	9.9 %
6	CZ	6.4	3.6 %	NL	20.9	6.5 %
7	PL	5.8	3.2 %	BE	13.5	4.2 %
8	HU	5.5	3.1 %	AT	8.3	2.6 %
9	AT	5.5	3.0 %	PL	9.7	3.0 %
10	RO	4.8	2.7 %	HU	7.4	2.3 %
11	BG	4.6	2.5 %	CZ	6.0	1.9 %
12	SK	4.5	2.5 %	SK	4.0	1.2 %
13	FI	2.8	1.6 %	PT	3.5	1.1 %
14	NL	2.8	1.5 %	IE	3.6	1.1 %
15	LT	2.0	1.1 %	EL	2.5	0.8 %
16	UK	1.5	0.8 %	FI	2.5	0.8 %
17	LV	1.0	0.6 %	LT	2.1	0.7 %
18	SE	0.8	0.4 %	BG	2.2	0.7 %
19	SI	0.8	0.4 %	HR	0.9	0.3 %
20	EE	0.6	0.3 %	LU	0.8	0.3 %
21	LU	0.6	0.3 %	LV	0.8	0.2 %
22	HR	0.2	0.1 %	SE	0.8	0.2 %
23	IE	0.1	0.0 %	DK	0.6	0.2 %
24	DK	0.0	0.0 %	SI	0.6	0.2 %
25	EL	0.0	0.0 %	RO	0.5	0.1 %
26	CY	0.0	0.0 %	EE	0.4	0.1 %
27	MT	0.0	0.0 %	CY	0.0	0.0 %
28	PT	0.0	0.0 %	MT	0.0	0.0 %
Top 5 Total		129.9	72.1 %		228.7	71.4 %
Total		180.2	100.0 %		320.3	100.0 %

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.2.3 Imports – Gases

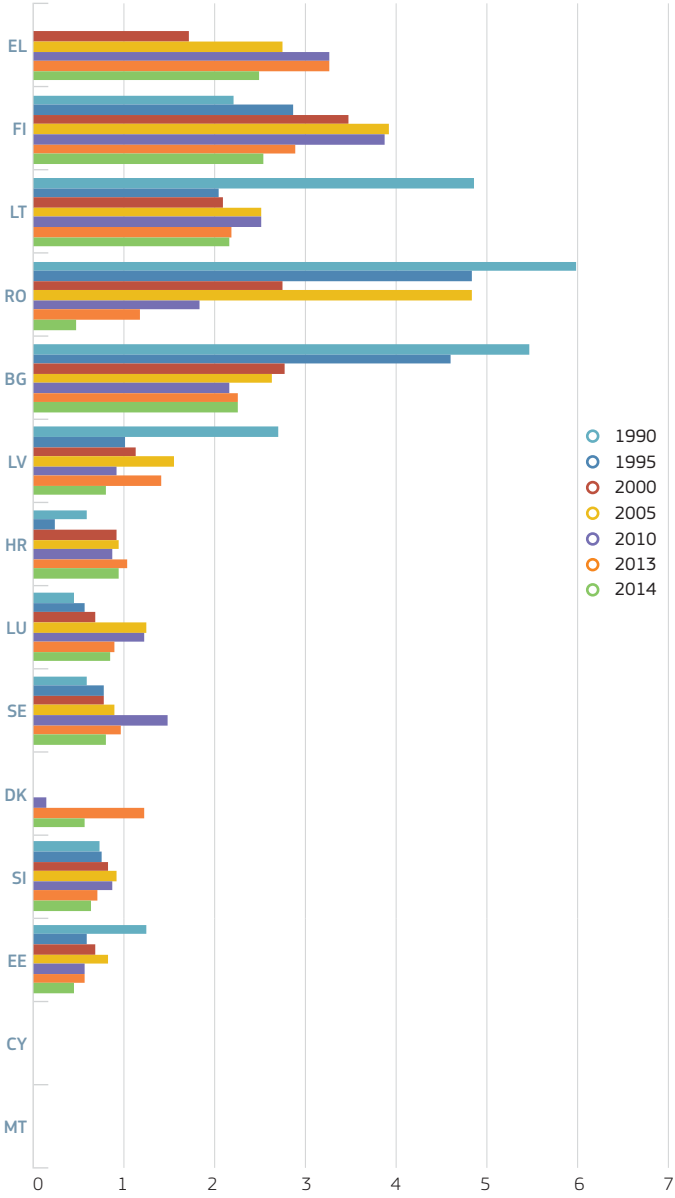
BY MEMBER STATE – TOP 14 IMPORTERS
1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.3 Imports – Gases

BY MEMBER STATE – LEAST 14 IMPORTERS
1990-2014 (Mtoe)



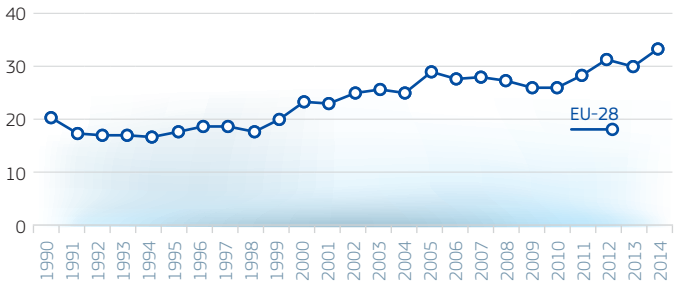
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.2.4 Imports – Electricity

TOTAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	17.0	22.9	28.8	25.7	30.1	33.3
Index 1995	100 %	135 %	170 %	151 %	177 %	196 %
BE	0.81	1.00	1.23	1.07	1.48	1.87
BG	0.17	0.08	0.07	0.10	0.29	0.37
CZ	0.58	0.75	1.06	0.57	0.91	1.02
DK	0.35	0.72	1.11	0.91	0.99	1.09
DE	3.42	3.88	4.89	3.69	3.37	3.48
EE	0.02	0.03	0.03	0.10	0.23	0.32
IE	0.00	0.02	0.18	0.07	0.23	0.25
EL	0.12	0.15	0.48	0.73	0.50	0.81
ES	0.66	1.06	0.88	0.45	0.85	1.06
FR	0.25	0.32	0.69	1.68	1.01	0.68
HR	0.38	0.38	0.75	1.07	0.97	0.94
IT	3.32	3.86	4.32	3.95	3.81	4.02
CY	0.00	0.00	0.00	0.00	0.00	0.00
LV	0.23	0.18	0.25	0.34	0.43	0.46
LT	0.45	0.44	0.49	0.70	0.69	0.73
LU	0.49	0.55	0.55	0.63	0.59	0.60
HU	0.28	0.82	1.35	0.85	1.43	1.64
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	1.03	1.97	2.04	1.34	2.86	2.83
AT	0.63	1.19	1.75	1.71	2.15	2.30
PL	0.38	0.28	0.43	0.54	0.67	1.16
PT	0.23	0.40	0.83	0.50	0.70	0.62
RO	0.07	0.07	0.20	0.07	0.24	0.24
SI	0.06	0.36	0.80	0.74	0.65	0.62
SK	0.30	0.51	0.69	0.63	0.92	1.12
FI	0.73	1.05	1.54	1.35	1.51	1.86
SE	0.66	1.57	1.25	1.28	1.09	1.19
UK	1.41	1.23	0.96	0.61	1.51	2.00

IMPORTS – ELECTRICITY – TOTAL – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.4 Imports – Electricity

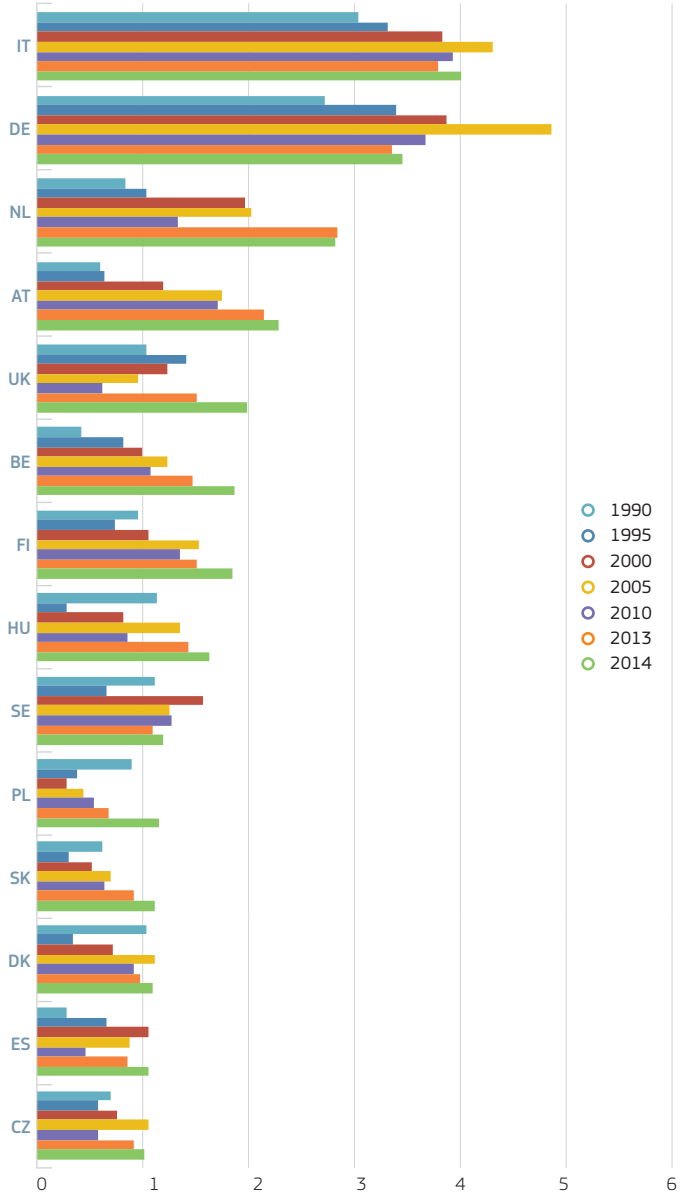
RANKING

Mtoe and %	1995			2014		
EU-28 Ranking	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Electricity						
1	DE	3.4	20.1 %	IT	4.0	12.1 %
2	IT	3.3	19.6 %	DE	3.5	10.5 %
3	UK	1.4	8.3 %	NL	2.8	8.5 %
4	NL	1.0	6.1 %	AT	2.3	6.9 %
5	BE	0.8	4.8 %	UK	2.0	6.0 %
6	FI	0.7	4.3 %	BE	1.9	5.6 %
7	SE	0.7	3.9 %	FI	1.9	5.6 %
8	ES	0.7	3.9 %	HU	1.6	4.9 %
9	AT	0.6	3.7 %	SE	1.2	3.6 %
10	CZ	0.6	3.4 %	PL	1.2	3.5 %
11	LU	0.5	2.9 %	SK	1.1	3.4 %
12	LT	0.5	2.7 %	DK	1.1	3.3 %
13	HR	0.4	2.2 %	ES	1.1	3.2 %
14	PL	0.4	2.2 %	CZ	1.0	3.1 %
15	DK	0.3	2.0 %	HR	0.9	2.8 %
16	SK	0.3	1.7 %	EL	0.8	2.4 %
17	HU	0.3	1.6 %	LT	0.7	2.2 %
18	FR	0.2	1.4 %	FR	0.7	2.0 %
19	LV	0.2	1.3 %	SI	0.6	1.9 %
20	PT	0.2	1.3 %	PT	0.6	1.9 %
21	BG	0.2	1.0 %	LU	0.6	1.8 %
22	EL	0.1	0.7 %	LV	0.5	1.4 %
23	RO	0.1	0.4 %	BG	0.4	1.1 %
24	SI	0.1	0.4 %	EE	0.3	1.0 %
25	EE	0.0	0.1 %	IE	0.2	0.7 %
26	IE	0.0	0.0 %	RO	0.2	0.7 %
27	CY	0.0	0.0 %	CY	0.0	0.0 %
28	MT	0.0	0.0 %	MT	0.0	0.0 %
Top 5 Total		10.0	58.7 %		14.6	43.9 %
Total		17.0	100.0 %		33.3	100.0 %

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.2.4 Imports – Electricity

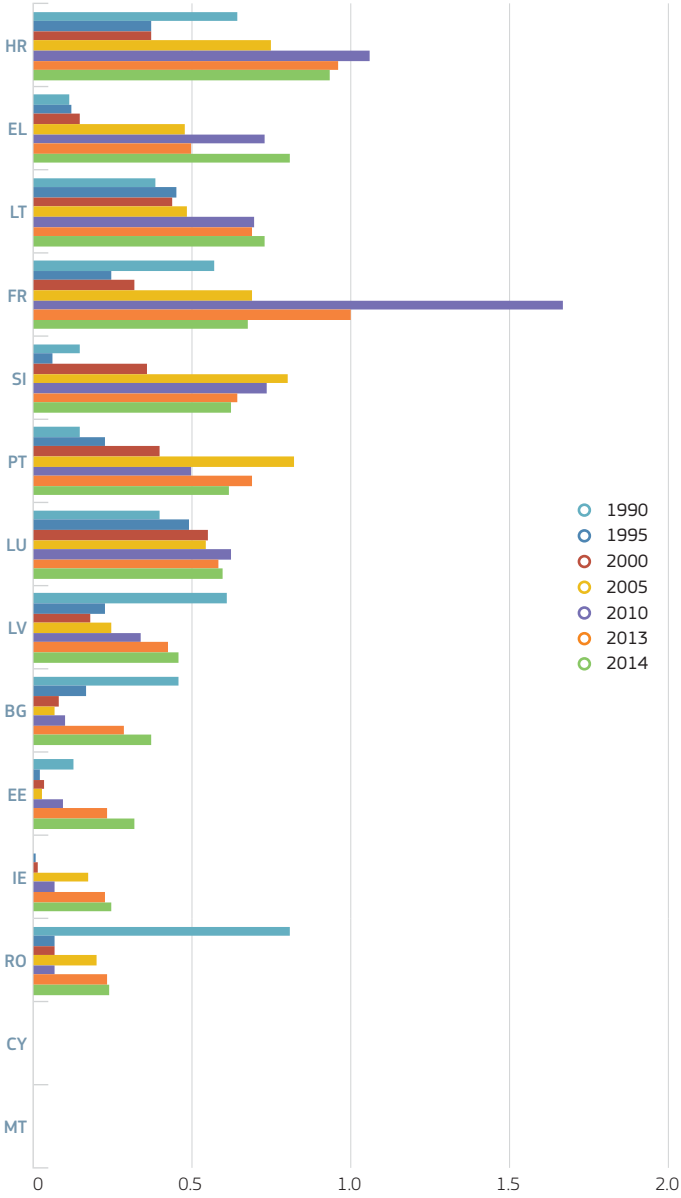
BY MEMBER STATE – TOP 14 IMPORTERS
1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.4 Imports – Electricity

BY MEMBER STATE – LEAST 14 IMPORTERS
1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

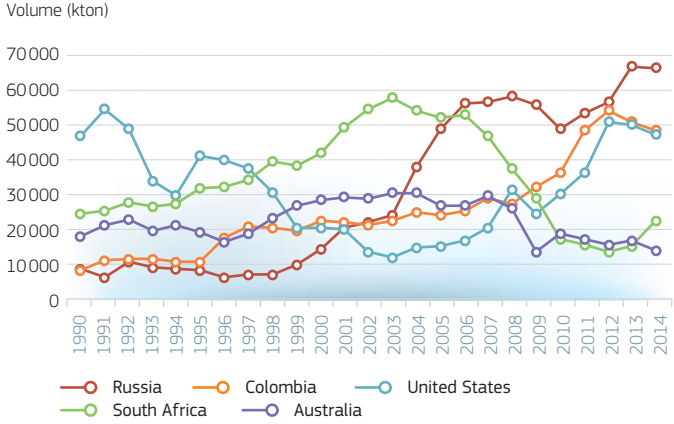
2.2.5 Imports by Country of Origin

EU-28 – HARD COAL

TOP 15 EXTRA-EU – (ORDERED BY 2014 VOLUME)

kton	1995	2000	2005	2010	2013	2014
Russia	8800	14971	48784	48674	65932	65733
Colombia	11181	22763	24253	36144	50756	48336
United States	41140	20665	15737	30519	49975	47024
South Africa	32108	41923	51988	17622	15581	22669
Australia	19551	28608	27120	19251	17292	14305
Indonesia	3411	9102	14949	10158	7199	7920
Not specified	6604	5229	3359	7594	10677	6852
Canada	4237	6378	6642	3637	4094	5730
Ukraine	348	2058	4229	3178	3173	3181
Norway	329	928	1124	1385	1288	1517
Kazakhstan	262	0	932	332	563	860
Mozambique	0	107	0	0	654	728
Chile	0	0	0	0	0	435
Venezuela	2822	3621	2003	685	539	284
China (except Hong Kong)	2446	1853	587	61	69	124
Other extra-EU	421	606	258	158	10	66
kton						
Extra-EU	133660	158812	201965	179398	227802	225764
Intra-EU	30115	31206	26519	21870	19128	16822
Total Intra-EU and Extra-EU	163775	190018	228484	201268	246930	242586

EU-28 – HARD COAL – TOP 5 IMPORTS FROM EXTRA-EU (1990-2014)



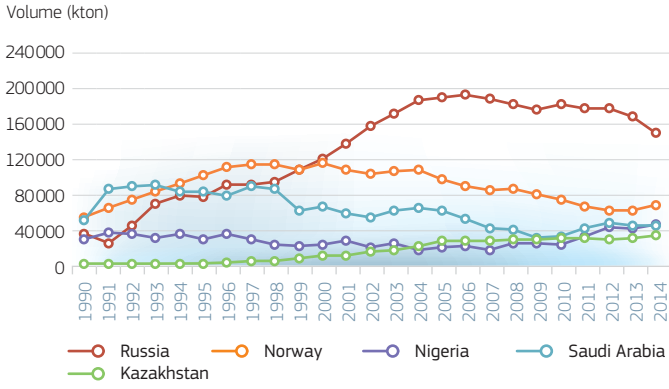
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.2.5 Imports by Country of Origin

EU-28 – CRUDE OIL AND NGL
TOP 15 EXTRA-EU – (ORDERED BY 2014 VOLUME)

kton	1995	2000	2005	2010	2013	2014
Russia	76 349	120 165	191 504	182 879	168 752	150 984
Norway	102 382	115 861	97 606	73 406	61 198	67 131
Nigeria	28 633	22 530	18 617	21 783	40 563	45 170
Saudi Arabia	82 630	65 089	60 740	30 759	43 263	44 218
Kazakhstan	78	9 993	26 386	29 701	29 467	32 620
Algeria	17 051	21 434	22 776	8 252	22 322	22 915
Iraq	0	31 317	12 290	16 945	18 427	22 836
Azerbaijan	0	3 712	7 255	22 922	23 706	21 940
Libya	47 978	45 883	50 681	53 751	28 286	16 828
Angola	4 758	3 861	7 065	8 479	14 675	16 486
Mexico	7 247	9 770	10 647	6 782	9 306	10 851
Colombia	0	0	0	720	5 116	7 358
Venezuela	9 929	6 944	6 988	5 001	5 224	6 183
Egypt	6 950	5 579	1 716	4 654	5 358	5 975
Other African countries	143	3 035	4 789	4 759	4 264	5 162
Other extra-EU	126 365	77 812	65 421	60 298	26 584	25 085
kton						
Extra-EU	510 493	542 985	584 481	531 091	506 511	501 742
Intra-EU	50 375	62 254	48 269	39 612	30 682	30 055
Total Intra-EU and Extra-EU	560 868	605 239	632 750	570 703	537 193	531 797
Mio barrels						
Extra-EU	3 743	3 981	4 285	3 894	3 713	3 678
Intra-EU	369	456	354	290	225	220
Total Intra-EU and Extra-EU	4 112	4 437	4 639	4 184	3 938	3 899

EU-28 – CRUDE OIL AND NGL – TOP 5 IMPORTS FROM EXTRA-EU (1990-2014)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

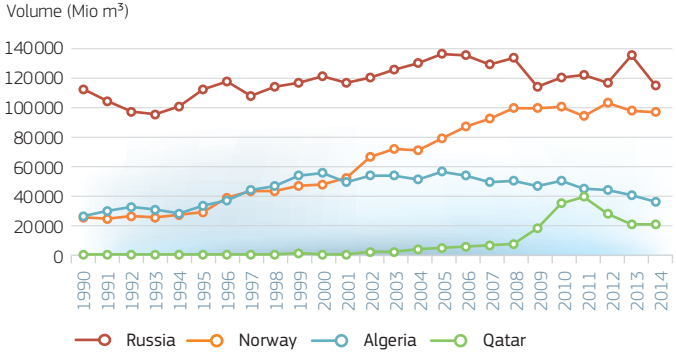
2.2.5 Imports by Country of Origin

EU-28 – NATURAL GAS

TOP 8 EXTRA EU SUPPLIERS – (ORDERED BY 2014 VOLUME)

TJ (GCV)	1995	2000	2005	2010	2013	2014
Russia	4245121	4582197	5207606	4555386	5202213	4422487
Norway	1159830	1921081	3040188	3905622	3784060	3732235
Algeria	1362649	2203075	2256826	1986974	1620307	1451547
Qatar	0	12443	195713	1383263	834080	808562
Not specified	61134	334765	937105	957962	543737	764719
Libya	54497	33442	209499	381660	217361	248145
Nigeria	0	172020	436319	576236	224554	179014
Trinidad & Tobago	0	36334	29673	206167	94605	109001
Other Extra-EU	47267	49082	475679	235075	112558	81174
Extra-EU	6930498	9344439	12788608	14188345	12633475	11796884
Intra-EU	1451229	1933316	2272283	2833535	3410614	3101306
Total Intra-EU and Extra-EU	8381727	11277755	15060891	17021880	16044089	14898190
Mio m³						
Russia	112079	120699	136250	119647	135159	115160
Norway	28929	47813	79189	100801	98119	96646
Algeria	33698	55607	57075	50360	40667	36228
Qatar	0	309	4859	34834	21189	20760
Not specified	1473	8126	23826	24088	13840	19655
Libya	1353	830	5445	9980	5705	6513
Nigeria	0	4385	10586	14022	5543	4425
Trinidad & Tobago	0	902	751	5142	2360	2732
Other Extra-EU	1184	1272	11962	5856	2827	2034
Extra-EU	178716	239943	329943	364730	325409	304153
Intra-EU	41164	54116	59648	74366	88512	80761
Total Intra-EU and Extra-EU	219880	294059	389591	439096	413921	384914

EU-28 – NATURAL GAS – TOP 5 IMPORTS FROM EXTRA-EU (1990-2014)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.3 Energy Import Dependency

2.3.1 Import Dependency – All Fuels * (%)

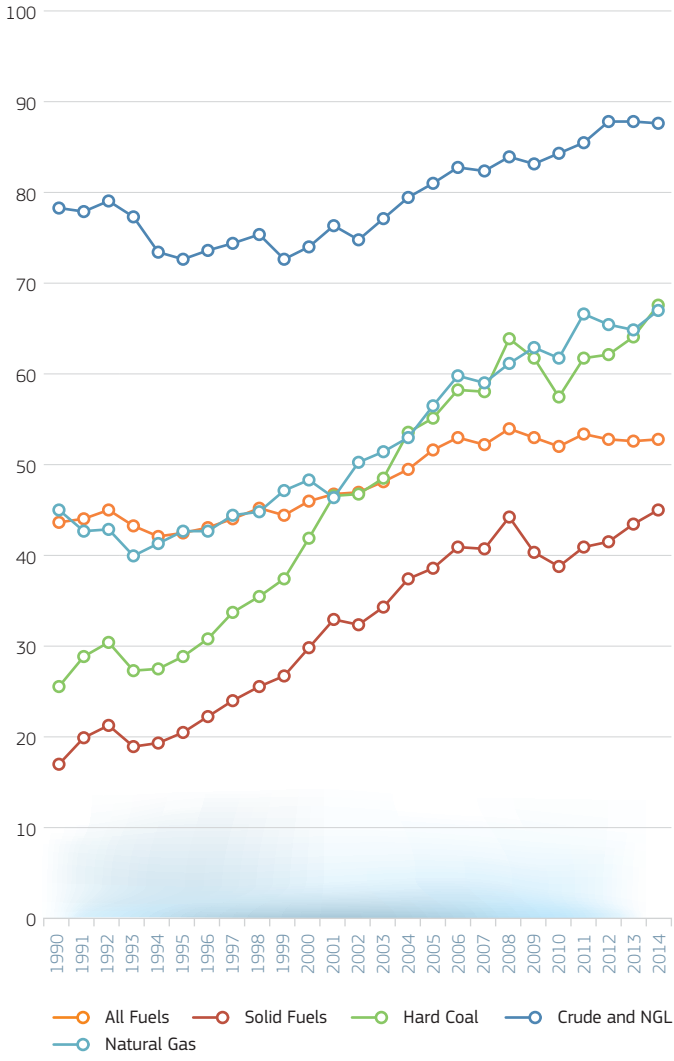
Imports from Extra-EU	1995	2000	2005	2010	2013	2014
EU-28	43.1	46.7	52.2	52.6	53.1	53.5
Index 1995	100.0	108.3	121.1	122.2	123.3	124.1
Intra and Extra-EU Imports						
BE	80.8	78.1	80.1	77.9	77.4	80.1
BG	55.9	46.0	46.7	39.6	37.7	34.5
CZ	20.6	22.9	28.0	25.6	27.9	30.4
DK	33.4	-35.0	-49.8	-15.7	13.3	12.8
DE	56.8	59.4	60.4	60.1	62.6	61.6
EE	32.3	32.2	26.1	13.6	11.9	8.9
IE	69.5	84.8	89.6	86.6	89.3	85.3
EL	66.7	69.5	68.6	69.2	62.2	66.2
ES	71.7	76.6	81.4	76.7	70.4	72.9
FR	48.0	51.5	51.6	49.1	48.0	46.1
HR	36.1	48.4	52.5	46.6	47.0	43.8
IT	81.9	86.5	83.4	82.6	76.8	75.9
CY	100.5	98.6	100.7	100.8	96.4	93.4
LV	70.4	61.0	63.9	45.5	55.8	40.6
LT	63.1	59.4	56.8	81.8	78.3	77.9
LU	97.7	99.6	97.4	97.1	97.0	96.6
HU	47.9	55.2	63.1	58.2	52.1	61.7
MT	104.8	100.3	100.0	99.0	104.1	97.7
NL	20.0	38.1	38.0	30.3	26.1	33.8
AT	66.4	65.4	71.6	62.8	61.6	65.9
PL	-1.2	9.9	17.2	31.3	25.6	28.6
PT	85.3	85.1	88.6	75.1	72.9	71.6
RO	30.3	21.8	27.6	21.9	18.5	17.0
SI	50.9	52.8	52.5	48.6	46.9	44.6
SK	68.5	65.6	65.3	63.1	59.2	60.9
FI	53.6	55.1	54.2	47.8	48.5	48.8
SE	38.9	40.7	36.8	36.6	31.6	32.1
UK	-16.4	-16.9	13.4	28.4	46.4	45.5

* Negative Rate Indicates a Net Exporter.
Values Over 100% Indicate Stocks Build Up.

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.3.2 Import Dependency – By Fuel

EU-28 – IMPORTS FROM EXTRA-EU – 1990-2014 (%)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.3.3 Import Dependency – Solid Fuels *
(%)

Imports from Extra-EU	1995	2000	2005	2010	2013	2014
EU-28	21.5	30.6	39.4	39.5	44.1	45.6
Index 1995	100.0	142.6	183.6	183.9	205.5	212.6
Intra and Extra-EU Imports						
BE	108.9	91.3	101.3	97.9	95.3	102.3
BG	31.8	35.1	37.0	24.7	16.4	14.5
CZ	-25.5	-21.8	-16.1	-16.2	-11.6	-5.0
DK	117.9	94.9	94.4	69.4	90.7	105.2
DE	11.2	25.5	31.7	40.1	44.5	44.8
EE	8.4	9.1	0.8	-0.6	-0.1	0.2
IE	64.9	64.6	70.8	49.1	72.5	60.0
EL	11.0	8.5	4.1	5.1	3.2	2.9
ES	45.4	61.3	70.1	85.5	70.5	77.1
FR	56.8	86.4	94.5	101.0	93.4	98.6
HR	85.7	111.1	91.4	102.3	110.1	92.4
IT	105.9	104.6	99.4	101.0	96.1	98.7
CY	100.0	100.0	119.4	64.7		150.0
LV	61.6	46.2	93.9	102.8	87.7	76.7
LT	64.4	87.0	94.6	92.0	99.6	89.4
LU	100.0	100.0	100.0	100.0	100.0	100.0
HU	29.5	28.2	42.9	41.9	26.9	28.1
MT						
NL	97.9	102.0	101.5	121.7	111.5	108.9
AT	75.7	83.9	99.6	99.9	94.5	100.6
PL	-30.2	-29.1	-23.9	-5.2	-10.4	-8.7
PT	105.8	102.9	96.3	98.3	95.4	96.9
RO	26.5	25.6	33.4	17.6	18.9	17.4
SI	13.6	18.7	21.0	19.2	19.5	22.9
SK	76.7	80.2	88.4	75.7	80.6	83.3
FI	63.4	69.1	67.7	57.6	65.3	80.4
SE	95.4	98.3	97.2	102.2	82.4	94.7
UK	22.2	39.6	72.1	52.2	82.1	87.4

* Negative Rate Indicates a Net Exporter.
Values Over 100% Indicate Stocks Build Up.

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.3.4 Import Dependency – Hard Coal*

(%)

Imports from Extra-EU	1995	2000	2005	2010	2013	2014
EU-28	29.7	42.6	55.7	57.9	64.5	67.9
Index 1995	100.0	143.2	187.4	194.8	217.1	228.6
Intra and Extra-EU Imports						
BE	108.5	90.4	100.9	100.2	93.7	103.9
BG	73.0	100.5	94.7	88.3	89.0	73.9
CZ	-34.2	-56.1	-49.4	-58.0	-40.6	-21.3
DK	118.0	94.7	94.3	69.3	90.6	105.1
DE	17.1	39.2	57.5	73.7	86.0	86.5
EE	101.9	116.4	97.2	117.9	95.0	103.9
IE	105.9	93.2	100.8	79.3	111.2	96.7
EL	95.2	105.9	112.5	100.3	110.2	109.8
ES	48.5	66.8	74.4	85.4	70.5	76.8
FR	58.0	87.3	92.9	100.6	91.9	97.5
HR	73.9	112.9	90.5	102.7	110.7	92.3
IT	105.6	105.7	99.7	101.5	95.3	99.0
CY	100.0	100.0	119.4	64.7		150.0
LV	93.6	81.8	97.3	106.7	91.4	78.0
LT	69.1	100.0	102.6	95.3	108.5	97.3
LU	100.0	100.0	100.0	100.0	100.0	100.0
HU	103.5	99.0	105.1	99.5	98.8	101.0
MT						
NL	97.4	101.5	100.3	122.3	113.3	109.3
AT	88.3	91.6	107.1	97.5	91.5	101.0
PL	-31.7	-29.9	-21.3	3.7	-1.8	1.0
PT	105.9	103.4	96.3	98.2	95.5	96.9
RO	81.7	96.0	102.2	100.9	100.4	87.0
SI	100.0	100.5	93.8	100.9	97.0	112.6
SK	92.9	103.8	105.2	91.9	98.4	98.5
FI	89.0	97.7	102.6	85.5	87.1	118.5
SE	101.6	107.7	104.3	115.2	89.4	103.9
UK	21.8	39.4	71.5	52.4	81.7	86.8

* Negative Rate Indicates a Net Exporter.
Values Over 100% Indicate Stocks Build Up.

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.3.5 Import Dependency – Petroleum and Products*

(%)

Imports from Extra-EU	1995	2000	2005	2010	2013	2014
EU-28	74.1	75.7	82.1	84.5	87.4	87.4
Index 1995	100.0	102.1	110.8	114.0	117.9	118.0
Intra and Extra-EU Imports						
BE	99.6	100.2	100.8	101.4	102.0	101.1
BG	99.6	95.4	102.2	101.1	103.9	97.9
CZ	98.0	95.3	97.5	96.5	96.4	97.6
DK	11.0	-80.8	-102.7	-43.4	-12.0	-6.4
DE	95.8	94.6	97.0	95.9	96.1	95.2
EE	80.2	77.4	70.8	57.5	60.0	51.6
IE	100.1	98.8	100.0	97.2	100.2	97.6
EL	98.4	100.2	97.7	98.6	94.6	99.8
ES	101.5	101.0	101.2	99.9	97.4	101.7
FR	96.9	99.5	99.3	97.7	99.0	98.5
HR	55.6	61.0	79.4	80.4	77.1	74.0
IT	93.3	96.1	91.8	93.5	90.7	88.6
CY	102.6	100.3	102.3	104.2	100.9	98.1
LV	102.6	94.8	102.2	94.4	100.3	92.4
LT	114.5	100.4	91.9	98.7	93.2	93.0
LU	98.2	102.1	99.4	99.4	100.3	100.5
HU	71.0	76.0	81.2	85.1	85.0	88.0
MT	104.8	100.3	100.1	99.3	104.6	98.3
NL	86.1	97.3	96.1	94.1	95.6	92.4
AT	89.3	89.1	91.6	89.9	92.5	92.0
PL	95.9	98.7	97.5	97.0	91.3	93.1
PT	100.6	99.4	102.3	97.5	96.3	96.6
RO	48.6	34.2	38.5	51.9	46.8	53.2
SI	97.8	101.5	101.2	99.2	97.3	97.7
SK	100.6	90.5	88.2	89.5	89.9	91.0
FI	94.6	103.5	98.4	89.4	104.4	94.8
SE	95.6	100.8	104.0	93.6	101.4	101.7
UK	-57.4	-54.9	-3.2	14.6	40.2	42.2

* Negative Rate Indicates a Net Exporter.
Values Over 100% Indicate Stocks Build Up.

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.3.6 Import Dependency – Crude and NGL*
(%)

Imports from Extra-EU	1995	2000	2005	2010	2013	2014
EU-28	73.0	74.4	81.3	84.6	88.0	87.9
Index 1995	100.0	101.9	111.3	115.9	120.5	120.4
Intra and Extra-EU Imports						
BE	99.8	100.2	99.5	99.9	100.1	100.1
BG	99.7	98.7	97.7	99.1	100.3	99.0
CZ	100.2	95.2	99.3	97.6	98.0	98.2
DK	6.3	-120.5	-141.3	-68.8	-20.9	-19.4
DE	96.9	93.8	97.3	97.0	97.8	97.7
EE						
IE	100.2	89.8	98.8	101.6	103.4	98.1
EL	98.8	99.5	95.2	99.5	97.1	100.4
ES	99.1	100.6	100.1	99.3	99.5	100.0
FR	95.8	98.5	98.2	98.2	99.6	98.0
HR	69.2	72.1	78.9	82.2	81.1	75.6
IT	92.8	95.1	94.0	94.5	92.3	90.7
CY	96.3	98.5				
LV						
LT	99.5	94.5	95.3	99.0	98.7	98.8
LU						
HU	71.9	78.6	81.2	85.2	85.5	89.2
MT						
NL	94.2	96.7	96.7	97.6	96.9	94.4
AT	87.6	86.9	88.5	86.2	90.5	89.6
PL	97.1	99.1	97.3	98.4	94.8	96.5
PT	100.0	99.0	100.2	98.8	102.5	97.7
RO	54.9	43.5	61.3	56.5	55.1	63.8
SI	95.9	87.5				
SK	101.5	97.6	97.7	99.9	101.0	101.1
FI	94.1	101.5	97.5	101.1	100.7	99.3
SE	99.3	100.6	100.4	99.0	101.7	99.4
UK	-47.7	-48.0	-0.2	13.2	33.8	32.3

* Negative Rate Indicates a Net Exporter.
Values Over 100% Indicate Stocks Build Up.

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.3.7 Import Dependency – Natural Gas*
(%)

Imports from Extra-EU	1995	2000	2005	2010	2013	2014
EU-28	43.4	48.9	57.1	62.2	65.2	67.4
Index 1995	100.0	112.7	131.6	143.4	150.4	155.4
Intra and Extra-EU Imports						
BE	98.2	99.3	100.6	98.8	100.5	101.2
BG	99.5	93.6	87.7	92.7	92.8	94.0
CZ	98.0	99.8	97.8	84.8	100.2	96.3
DK	-47.2	-64.8	-113.9	-68.3	-23.3	-46.7
DE	78.6	79.1	79.6	81.2	86.9	89.8
EE	100.0	100.0	100.0	100.0	100.0	100.0
IE	3.6	72.1	86.7	95.5	96.8	96.5
EL	0.0	99.1	99.1	99.9	100.0	99.3
ES	97.4	101.6	101.4	99.4	98.6	103.5
FR	93.0	100.0	99.3	93.0	97.4	103.6
HR	11.6	41.0	23.7	18.1	31.9	28.6
IT	63.9	81.1	84.7	90.5	88.1	89.7
CY						
LV	98.9	101.9	105.6	61.8	115.5	72.1
LT	100.0	100.0	100.7	99.7	100.0	103.8
LU	100.0	100.0	100.0	100.0	99.6	99.5
HU	60.3	75.4	81.1	78.7	71.2	97.7
MT						
NL	-76.4	-49.1	-59.3	-61.6	-85.4	-73.1
AT	84.8	80.6	87.7	75.3	74.7	96.8
PL	64.6	66.3	69.7	69.3	74.2	72.0
PT		100.2	103.8	100.4	101.5	100.1
RO	24.9	19.8	30.1	16.8	11.8	5.0
SI	100.5	99.3	99.6	99.3	99.6	99.5
SK	86.8	98.8	97.5	99.9	95.3	104.8
FI	100.0	100.0	100.0	100.0	99.9	99.9
SE	100.0	100.0	100.0	100.0	100.0	100.0
UK	1.0	-10.7	7.0	37.9	50.1	45.0

* Negative Rate Indicates a Net Exporter.
Values Over 100% Indicate Stocks Build Up.

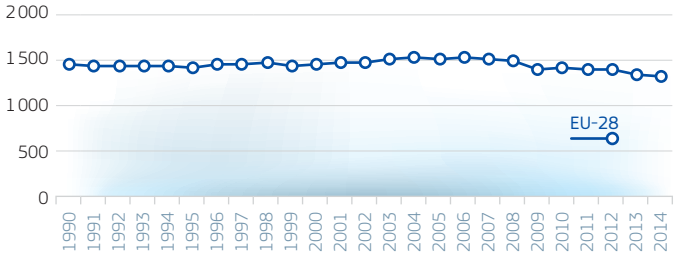
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.4 Energy Transformation

2.4.1 Transformation Input – All Fuels

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	1 397.1	1 434.1	1 503.0	1 397.3	1 303.9	1 277.2
Index 1995	100 %	103 %	108 %	100 %	93 %	91 %
BE	51.36	61.54	60.49	58.46	52.03	52.08
BG	23.49	18.20	20.19	18.85	18.19	18.79
CZ	33.11	30.61	35.46	35.03	33.33	33.89
DK	19.19	16.81	15.38	15.68	14.04	12.72
DE	268.82	264.63	276.12	250.75	240.18	235.46
EE	3.70	3.41	3.89	4.68	5.08	4.62
IE	6.30	8.33	8.06	7.65	6.77	6.59
EL	27.08	34.06	33.95	33.57	34.26	36.85
ES	94.09	106.42	114.63	102.18	102.25	102.13
FR	198.86	218.10	228.61	206.72	188.64	187.35
HR	6.50	6.64	6.81	5.68	4.78	4.14
IT	141.98	150.89	165.68	149.47	120.41	114.24
CY	1.48	2.07	1.08	1.18	0.88	0.90
LV	1.49	1.09	1.06	1.16	1.18	1.12
LT	8.46	8.85	13.94	11.29	11.11	9.41
LU	0.28	0.10	0.58	0.56	0.34	0.36
HU	20.05	18.95	18.77	19.37	16.68	16.73
MT	0.45	0.49	0.73	0.58	0.51	0.50
NL	82.51	83.04	85.40	85.84	79.49	81.78
AT	15.90	15.20	17.39	16.76	16.54	16.00
PL	68.92	69.51	69.89	75.97	76.83	74.66
PT	19.53	19.52	21.87	17.94	20.10	18.69
RO	36.90	26.90	29.77	23.88	21.66	23.06
SI	3.30	2.78	3.12	3.08	2.89	2.84
SK	14.26	15.55	16.64	15.01	15.47	14.42
FI	25.67	28.34	29.35	33.50	32.52	30.91
SE	45.28	44.24	46.58	45.86	43.08	44.61
UK	178.14	177.78	177.62	156.66	144.69	132.34

TRANSFORMATION INPUT – ALL FUELS – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.4.2 Transformation Input – By Fuel

Mtoe	2014 Total, All Products	Solid Fuels	Petroleum and Products	Gases	Nuclear	Renewables	Wastes non-RES
EU-28	1 277.2	253.2	628.0	102.2	226.1	57.1	9.3
Share (%)	100.0 %	19.8 %	49.2 %	8.0 %	17.7 %	4.5 %	0.7 %
BE	52.08	2.48	35.53	3.63	8.69	1.05	0.49
BG	18.79	7.34	6.37	0.91	4.11	0.05	0.00
CZ	33.89	15.10	8.01	1.78	7.84	1.10	0.05
DK	12.72	2.44	6.99	0.86	0.00	2.02	0.39
DE	235.46	78.55	100.44	16.19	25.06	11.95	3.28
EE	4.62	3.90	0.02	0.34	0.00	0.32	0.04
IE	6.59	1.60	2.82	2.02	0.00	0.13	0.03
EL	36.85	6.48	28.99	1.28	0.00	0.08	0.02
ES	102.13	12.11	63.89	7.31	14.78	3.84	0.20
FR	187.35	6.99	59.74	3.71	112.59	2.95	1.12
HR	4.14	0.54	3.07	0.47	0.00	0.06	0.00
IT	114.24	12.01	71.91	18.63	0.00	10.81	0.89
CY	0.90	0.00	0.89	0.00	0.00	0.01	0.00
LV	1.12	0.01	0.00	0.72	0.00	0.39	0.00
LT	9.41	0.01	8.18	0.66	0.00	0.48	0.02
LU	0.36	0.00	0.00	0.30	0.00	0.04	0.02
HU	16.73	2.58	7.82	1.53	4.05	0.69	0.05
MT	0.50	0.00	0.50	0.00	0.00	0.00	0.00
NL	81.78	8.90	59.05	9.96	1.06	1.64	0.78
AT	16.00	2.68	8.97	1.92	0.00	2.03	0.40
PL	74.66	44.19	25.30	2.67	0.00	2.45	0.02
PT	18.69	2.67	13.18	1.79	0.00	0.97	0.08
RO	23.06	5.06	12.25	2.55	3.01	0.18	0.00
SI	2.84	1.00	0.01	0.10	1.64	0.07	0.01
SK	14.42	2.99	6.00	0.89	4.04	0.49	0.01
FI	30.91	4.56	14.72	1.76	6.08	3.54	0.18
SE	44.61	1.73	20.35	0.37	16.74	4.67	0.60
UK	132.34	27.29	62.97	19.87	16.44	5.13	0.62

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.4.3 Transformation Input – By Sector

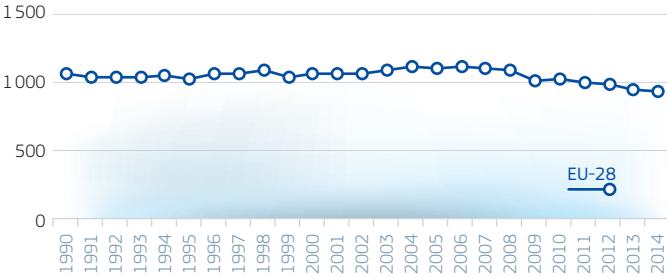
Mtoe	2014 Total, All Sectors	Conventional Thermal Power Stations	Nuclear Power Stations	District Heating Plants	Refineries, Petroleum and sub-products	Other Transformation Input Industry
EU-28	1.277.2	357.0	226.1	19.5	613.2	61.4
Share (%)	100.0%	28.0%	17.7%	1.5%	48.0%	4.8%
BE	52.08	5.88	8.69	0.02	35.52	1.98
BG	18.79	7.06	4.11	0.19	6.18	1.26
CZ	33.89	13.75	7.84	0.62	7.99	3.69
DK	12.72	4.91	0.00	0.92	6.87	0.02
DE	235.46	90.87	25.06	3.88	99.13	16.52
EE	4.62	3.19	0.00	0.32	0.00	1.11
IE	6.59	3.67	0.00	0.00	2.76	0.16
EL	36.85	8.98	0.00	0.00	27.87	0.01
ES	102.13	24.36	14.78	0.00	60.96	2.04
FR	187.35	9.42	112.59	1.55	59.18	4.60
HR	4.14	0.96	0.00	0.07	3.03	0.08
IT	114.24	44.09	0.00	0.12	67.72	2.32
CY	0.90	0.90	0.00	0.00	0.00	0.00
LV	1.12	0.88	0.00	0.22	0.00	0.02
LT	9.41	0.80	0.00	0.47	8.15	0.00
LU	0.36	0.35	0.00	0.01	0.00	0.00
HU	16.73	3.28	4.05	0.56	7.80	1.04
MT	0.50	0.50	0.00	0.00	0.00	0.00
NL	81.78	19.14	1.06	0.67	57.85	3.08
AT	16.00	4.00	0.00	1.01	8.92	2.07
PL	74.66	36.18	0.00	2.82	25.17	10.50
PT	18.69	5.49	0.00	0.00	12.93	0.27
RO	23.06	7.24	3.01	0.50	11.98	0.32
SI	2.84	1.15	1.64	0.05	0.00	0.00
SK	14.42	2.04	4.04	0.29	5.83	2.22
FI	30.91	7.24	6.08	1.48	14.53	1.57
SE	44.61	5.06	16.74	1.20	20.23	1.37
UK	132.34	45.64	16.44	2.51	62.58	5.16

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.4.4 Transformation Output – All Fuels

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	1026.4	1056.4	1103.3	1022.2	947.6	932.2
Index 1995	100%	103%	107%	100%	92%	91%
BE	39.85	49.65	48.44	46.39	41.80	43.76
BG	15.81	11.40	12.61	11.58	11.63	11.56
CZ	21.85	19.56	22.47	21.81	20.25	21.18
DK	15.83	14.01	13.32	13.47	12.42	11.37
DE	190.24	188.46	199.84	177.68	171.28	168.31
EE	1.70	1.52	1.66	1.91	1.84	1.74
IE	3.91	5.41	5.36	5.21	4.73	4.60
EL	21.19	26.84	26.24	26.69	28.09	31.21
ES	71.54	79.39	85.48	78.39	78.72	77.93
FR	127.11	140.68	142.62	123.19	107.62	106.73
HR	6.00	6.00	6.06	5.09	4.14	3.59
IT	114.66	119.80	133.23	120.58	95.87	90.60
CY	1.05	1.47	0.38	0.46	0.35	0.35
LV	1.19	0.87	0.88	0.95	0.91	0.88
LT	6.04	7.11	11.81	10.98	11.04	9.41
LU	0.18	0.04	0.35	0.34	0.21	0.23
HU	14.19	13.35	13.42	13.90	12.16	12.24
MT	0.14	0.17	0.19	0.18	0.19	0.19
NL	73.73	74.23	75.68	75.61	70.85	72.29
AT	13.45	13.36	14.97	14.42	14.70	14.20
PL	46.70	47.97	48.42	54.79	55.03	53.84
PT	16.15	15.79	17.69	15.06	16.98	15.49
RO	28.82	20.70	23.79	17.54	15.98	17.38
SI	1.65	1.24	1.24	1.24	1.17	1.13
SK	9.96	11.03	12.17	11.17	11.42	10.57
FI	19.83	22.42	23.21	26.15	25.72	24.64
SE	32.79	33.76	33.26	34.49	30.59	32.53
UK	130.84	130.20	128.51	112.96	101.92	94.26

TRANSFORMATION OUTPUT – ALL FUELS – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.4.5 Transformation Output – By Fuel

Mtoe	2014 Total, All Products	Solid Fuels	Petroleum and Products	Gases	Electricity	Derived Heat
EU-28	932.2	33.0	612.7	21.2	209.6	55.6
Share (%)	100.0 %	3.5 %	65.7 %	2.3 %	22.5 %	6.0 %
BE	43.76	1.03	35.51	0.88	5.48	0.87
BG	11.56	0.68	6.17	0.00	3.42	1.29
CZ	21.18	1.91	7.99	1.45	6.92	2.92
DK	11.37	0.00	6.87	0.00	1.59	2.92
DE	168.31	9.26	98.91	5.92	43.76	10.47
EE	1.74	0.05	0.00	0.16	1.02	0.52
IE	4.60	0.10	2.76	0.00	1.74	0.00
EL	31.21	0.00	27.86	0.00	3.30	0.05
ES	77.93	1.11	60.94	0.76	15.09	0.00
FR	106.73	2.34	59.17	1.85	40.46	2.92
HR	3.59	0.00	3.03	0.00	0.32	0.24
IT	90.60	1.31	67.71	1.00	15.66	4.92
CY	0.35	0.00	0.00	0.00	0.35	0.00
LV	0.88	0.00	0.00	0.00	0.26	0.62
LT	9.41	0.00	8.14	0.00	0.22	1.03
LU	0.23	0.00	0.00	0.00	0.14	0.09
HU	12.24	0.67	7.80	0.31	2.44	1.02
MT	0.19	0.00	0.00	0.00	0.19	0.00
NL	72.29	1.45	57.76	1.25	8.32	3.52
AT	14.20	0.95	8.92	1.05	1.37	1.91
PL	53.84	6.86	25.15	2.44	12.78	6.61
PT	15.49	0.00	12.93	0.00	2.03	0.51
RO	17.38	0.00	11.98	0.21	3.32	1.86
SI	1.13	0.00	0.00	0.00	0.93	0.20
SK	10.57	1.11	5.83	0.88	1.92	0.83
FI	24.64	0.64	14.52	0.53	4.60	4.34
SE	32.53	0.76	20.22	0.50	6.75	4.30
UK	94.26	2.80	62.57	1.98	25.29	1.63

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.4.6 Transformation Output – By Sector

	2014					
Mtoe	Total, All Sectors	Conventional Thermal Power Stations	Nuclear Power Stations, Electricity	District Heating Plants, Heat	Refineries, Petroleum and sub-products	Other Transformation Output Industry
EU-28	932.2	173.7	75.3	16.1	612.7	54.3
Share (%)	100.0 %	18.6 %	8.1 %	1.7 %	65.7 %	5.8 %
BE	43.76	3.44	2.90	0.01	35.51	1.91
BG	11.56	3.12	1.36	0.21	6.17	0.70
CZ	21.18	6.64	2.61	0.57	7.99	3.37
DK	11.37	3.59	0.00	0.92	6.87	0.00
DE	168.31	43.02	8.35	2.86	98.91	15.18
EE	1.74	1.29	0.00	0.25	0.00	0.20
IE	4.60	1.74	0.00	0.00	2.76	0.10
EL	31.21	3.35	0.00	0.00	27.86	0.00
ES	77.93	10.17	4.93	0.00	60.94	1.90
FR	106.73	4.63	37.53	1.21	59.17	4.18
HR	3.59	0.51	0.00	0.05	3.03	0.01
IT	90.60	20.49	0.00	0.08	67.71	2.31
CY	0.35	0.35	0.00	0.00	0.00	0.00
LV	0.88	0.71	0.00	0.17	0.00	0.01
LT	9.41	0.74	0.00	0.52	8.14	0.00
LU	0.23	0.22	0.00	0.00	0.00	0.00
HU	12.24	1.57	1.35	0.53	7.80	0.99
MT	0.19	0.19	0.00	0.00	0.00	0.00
NL	72.29	10.98	0.35	0.50	57.76	2.71
AT	14.20	2.42	0.00	0.86	8.92	2.00
PL	53.84	16.99	0.00	2.40	25.15	9.30
PT	15.49	2.55	0.00	0.00	12.93	0.01
RO	17.38	3.85	1.00	0.33	11.98	0.21
SI	1.13	0.53	0.55	0.04	0.00	0.00
SK	10.57	1.12	1.33	0.26	5.83	2.04
FI	24.64	5.49	2.03	1.43	14.52	1.17
SE	32.53	4.24	5.58	1.23	20.22	1.26
UK	94.26	19.81	5.48	1.63	62.57	4.78

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.5 Final Energy

2.5.1 Available for Final Consumption

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	1 192.6	1 243.1	1 314.6	1 277.1	1 207.2	1 160.9
Index 1995	100 %	104 %	110 %	107 %	101 %	97 %
BE	39.91	44.88	44.45	46.53	43.83	42.48
BG	12.93	9.99	10.56	8.79	8.69	8.95
CZ	27.86	27.23	29.24	28.35	26.21	26.05
DK	15.03	15.02	15.47	15.67	14.61	13.68
DE	244.01	247.33	247.12	242.94	239.05	229.54
EE	3.05	2.70	3.00	3.02	3.05	3.46
IE	8.30	11.05	12.02	12.20	11.16	11.07
EL	16.40	19.08	21.39	19.78	15.63	16.28
ES	72.46	88.79	105.95	95.95	84.79	81.44
FR	156.87	166.22	177.12	170.69	167.04	157.34
HR	6.10	6.66	7.91	7.81	7.11	6.78
IT	124.85	133.74	145.23	137.17	125.18	118.58
CY	1.48	1.75	1.80	1.97	1.63	1.65
LV	3.94	3.28	4.11	4.17	3.96	3.99
LT	5.13	4.28	5.39	5.48	5.74	5.90
LU	3.17	3.56	4.53	4.36	4.17	4.03
HU	18.16	17.72	20.37	18.51	16.63	16.90
MT	0.41	0.44	0.40	0.52	0.53	0.56
NL	64.15	67.88	72.61	72.99	68.63	63.73
AT	22.74	25.45	29.54	29.91	29.70	28.83
PL	67.25	58.62	62.71	71.12	68.62	66.22
PT	15.92	20.22	21.69	19.81	17.24	17.18
RO	30.36	25.03	26.87	24.77	22.91	22.89
SI	4.23	4.70	5.23	5.27	4.93	4.76
SK	12.23	12.72	12.84	12.65	11.71	11.05
FI	21.92	24.76	26.44	27.52	25.18	26.23
SE	36.67	36.21	35.23	36.90	34.49	33.79
UK	157.11	163.83	165.36	152.25	144.81	137.54

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.5.2 Final Energy Consumption

TOTAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	1 082.7	1 132.8	1 191.3	1 163.8	1 106.6	1 061.7
Index 1995	100 %	105 %	110 %	107 %	102 %	98 %
BE	34.43	37.64	36.59	38.64	36.16	34.05
BG	11.42	9.11	10.19	8.84	8.78	9.01
CZ	26.09	24.80	26.03	24.86	23.85	23.02
DK	14.82	14.72	15.50	15.52	14.06	13.52
DE	221.62	220.01	218.46	219.65	217.65	208.88
EE	2.56	2.43	2.88	2.91	2.87	2.82
IE	7.99	10.78	12.60	11.96	10.74	10.77
EL	15.81	18.68	20.96	19.12	15.34	15.57
ES	64.03	79.90	97.77	89.08	80.77	79.23
FR	143.48	155.31	160.21	155.01	151.85	141.75
HR	5.28	6.00	7.24	7.21	6.57	6.24
IT	114.58	124.72	137.15	128.46	118.50	113.35
CY	1.43	1.65	1.83	1.93	1.61	1.61
LV	3.85	3.25	4.02	4.12	3.86	3.89
LT	4.60	3.77	4.60	4.76	4.74	4.83
LU	3.11	3.51	4.48	4.33	4.13	4.00
HU	16.23	16.14	18.23	16.53	15.27	15.37
MT	0.46	0.44	0.38	0.50	0.53	0.54
NL	50.99	52.34	54.18	55.14	51.58	47.28
AT	21.37	23.69	27.81	28.03	27.90	26.80
PL	62.94	55.26	58.47	66.36	63.29	61.61
PT	13.85	17.92	19.01	18.10	15.86	15.81
RO	26.97	22.77	24.71	22.59	21.83	21.71
SI	4.09	4.46	4.90	5.04	4.80	4.61
SK	11.03	10.98	11.56	11.55	10.61	10.06
FI	21.98	24.32	25.19	26.24	24.68	24.42
SE	35.05	34.97	33.66	34.08	31.59	31.20
UK	142.65	153.24	152.72	143.26	137.20	129.75

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.5.2 Final Energy Consumption

BY SECTOR

	2014					
Mtoe	Transport	Households	Industry	Services	Agriculture and Fishing	Other
EU-28	352.9	263.2	274.8	141.2	24.7	4.8
Share (%)	33.2%	24.8%	25.9%	13.3%	2.3%	0.5%
BE	10.03	7.39	11.68	4.26	0.65	0.04
BG	3.11	2.17	2.62	0.93	0.19	0.00
CZ	6.22	5.67	7.48	2.80	0.60	0.25
DK	4.92	3.96	2.09	1.83	0.73	0.01
DE	63.47	51.53	60.72	33.04	0.00	0.13
EE	0.78	0.89	0.56	0.46	0.13	0.00
IE	4.47	2.59	2.24	1.24	0.22	0.00
EL	6.47	3.79	3.09	1.71	0.28	0.24
ES	31.98	14.71	20.01	8.85	2.78	0.91
FR	49.54	37.35	27.92	21.03	4.54	1.37
HR	2.02	2.18	1.10	0.71	0.24	0.00
IT	40.09	29.55	26.16	14.67	2.78	0.11
CY	0.84	0.29	0.22	0.20	0.04	0.02
LV	1.09	1.24	0.79	0.61	0.15	0.00
LT	1.74	1.41	0.97	0.59	0.11	0.01
LU	2.49	0.48	0.61	0.39	0.03	0.00
HU	3.99	4.43	4.09	2.24	0.60	0.01
MT	0.29	0.07	0.05	0.12	0.01	0.00
NL	13.92	9.12	14.27	6.33	3.55	0.10
AT	8.73	5.62	9.09	2.83	0.54	0.00
PL	16.37	18.95	15.05	7.80	3.43	0.00
PT	6.47	2.57	4.40	1.91	0.43	0.03
RO	5.47	7.40	6.47	1.77	0.42	0.18
SI	1.82	1.04	1.23	0.43	0.07	0.02
SK	2.21	1.95	4.45	1.31	0.14	0.00
FI	4.76	5.07	10.71	2.88	0.72	0.28
SE	8.52	6.63	11.25	4.42	0.38	0.00
UK	51.13	35.18	25.45	15.89	0.98	1.12

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.5.2 Final Energy Consumption

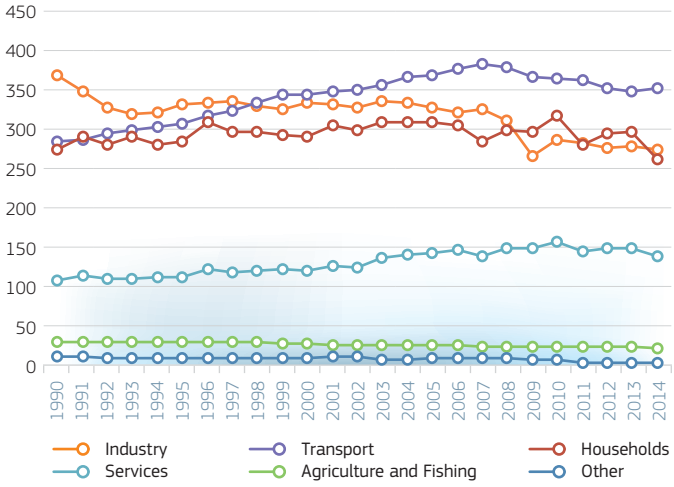
BY FUEL

Mtoe	2014						
	Petroleum and Products	Gases	Electricity	Renewables	Derived Heat	Solid Fuels	Wastes, Non-Renewable
EU-28	423.0	229.3	232.7	81.4	45.5	46.6	3.3
Share (%)	39.8 %	21.6 %	21.9 %	7.7 %	4.3 %	4.4 %	0.3 %
BE	14.68	8.45	6.93	1.64	0.52	1.66	0.16
BG	3.06	1.20	2.38	1.12	0.90	0.32	0.02
CZ	6.37	5.41	4.83	2.15	2.16	1.90	0.20
DK	5.75	1.45	2.63	1.25	2.29	0.13	0.02
DE	81.90	49.76	44.10	13.23	9.15	9.73	1.02
EE	0.97	0.22	0.59	0.48	0.44	0.09	0.02
IE	6.19	1.62	2.08	0.33	0.00	0.51	0.04
EL	8.86	0.84	4.26	1.34	0.05	0.23	0.00
ES	38.80	14.52	19.51	5.10	0.00	1.30	0.00
FR	60.43	28.13	35.71	10.93	2.22	4.24	0.10
HR	2.62	0.94	1.28	1.11	0.19	0.10	0.01
IT	44.33	31.08	24.20	7.45	3.75	2.27	0.27
CY	1.16	0.00	0.34	0.10	0.00	0.00	0.01
LV	1.32	0.33	0.57	1.05	0.51	0.05	0.07
LT	1.80	0.46	0.79	0.71	0.84	0.23	0.00
LU	2.64	0.55	0.54	0.13	0.09	0.05	0.02
HU	4.80	5.14	2.98	1.15	0.90	0.35	0.04
MT	0.36	0.00	0.18	0.01	0.00	0.00	0.00
NL	16.78	16.37	8.74	1.24	2.61	1.50	0.04
AT	9.69	4.78	5.20	3.83	1.74	1.27	0.30
PL	18.58	8.94	10.82	5.29	5.45	12.03	0.50
PT	7.87	1.55	3.89	2.14	0.27	0.01	0.09
RO	6.79	5.64	3.60	3.62	1.27	0.72	0.07
SI	2.18	0.52	1.07	0.61	0.15	0.04	0.04
SK	2.11	3.18	2.08	0.51	0.61	1.43	0.14
FI	6.71	0.86	6.81	5.40	3.93	0.66	0.06
SE	8.65	0.72	10.51	6.11	4.17	1.05	0.00
UK	57.57	36.62	26.10	3.37	1.34	4.70	0.05

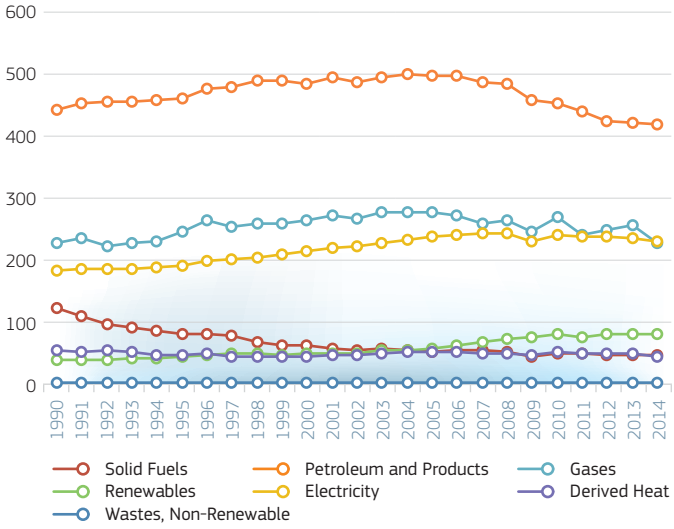
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.5.2 Final Energy Consumption

BY SECTOR – EU-28 – 1990-2014 (Mtoe)



FINAL ENERGY CONSUMPTION – BY FUEL – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.5.3 Final Non-Energy Consumption

TOTAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	107.3	112.2	118.5	107.1	97.5	99.4
Index 1995	100 %	105 %	110 %	100 %	91 %	93 %
BE	5.82	6.92	7.71	7.27	7.87	8.39
BG	1.23	0.98	0.85	0.42	0.46	0.51
CZ	2.32	2.09	2.95	2.78	2.58	2.90
DK	0.32	0.30	0.29	0.26	0.28	0.25
DE	23.62	25.06	24.66	22.58	21.73	22.13
EE	0.18	0.18	0.23	0.09	0.17	0.11
IE	0.57	0.68	0.52	0.34	0.29	0.21
EL	0.49	0.72	0.76	1.11	0.65	0.71
ES	7.87	9.40	8.35	7.03	5.02	4.11
FR	15.86	16.18	16.70	14.29	13.56	14.01
HR	0.81	0.66	0.68	0.60	0.54	0.54
IT	9.73	8.43	8.61	9.56	6.34	7.19
CY	0.06	0.09	0.07	0.09	0.03	0.02
LV	0.04	0.08	0.10	0.07	0.11	0.09
LT	0.54	0.66	0.80	0.71	1.01	1.07
LU	0.05	0.06	0.03	0.03	0.04	0.04
HU	1.63	1.59	2.17	1.97	1.45	1.64
MT	0.00	0.00	0.02	0.01	0.01	0.00
NL	11.09	12.13	15.41	15.51	14.32	14.15
AT	1.38	1.72	1.71	1.84	1.80	2.02
PL	3.71	4.36	4.57	4.96	4.98	5.19
PT	2.08	2.39	2.59	1.73	1.36	1.44
RO	1.24	1.88	2.47	1.47	1.46	1.52
SI	0.12	0.24	0.31	0.21	0.12	0.15
SK	0.93	1.37	1.28	1.05	1.07	0.93
FI	1.13	1.04	1.15	1.22	1.16	1.16
SE	1.99	1.73	2.29	2.11	2.07	1.97
UK	12.49	11.33	11.21	7.77	7.06	6.95

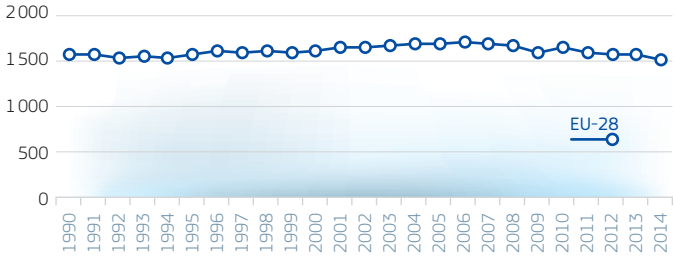
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.5.4 Primary Energy Consumption

TOTAL

Mtoe	1995	2000	2005	2010	2013	2014
EU-28	1 567.4	1 617.7	1 712.6	1 656.6	1 569.2	1 506.5
Index 1995	100 %	103 %	109 %	106 %	100 %	96 %
BE	48.01	52.41	51.37	53.90	48.65	44.98
BG	21.46	17.54	18.91	17.35	16.29	17.22
CZ	39.39	39.00	42.17	41.90	39.61	38.55
DK	19.88	19.44	19.27	19.78	17.94	16.65
DE	318.02	317.27	317.25	310.39	302.76	290.84
EE	5.35	4.79	5.39	6.06	6.53	6.62
IE	10.49	13.75	14.75	14.82	13.41	13.35
EL	23.37	27.57	30.65	27.73	23.65	23.73
ES	94.20	114.25	135.87	123.22	114.31	112.57
FR	225.92	241.36	259.89	252.80	245.39	234.49
HR	7.05	7.77	9.11	8.83	8.05	7.66
IT	152.03	165.79	181.47	168.37	153.18	143.84
CY	1.90	2.33	2.47	2.66	2.16	2.20
LV	4.58	3.79	4.50	4.56	4.36	4.36
LT	8.10	6.40	7.91	6.07	5.68	5.63
LU	3.28	3.60	4.77	4.61	4.30	4.18
HU	24.55	23.71	25.44	23.74	21.23	21.14
MT	0.76	0.80	0.95	0.93	0.87	0.88
NL	64.32	65.97	69.02	70.57	66.11	62.66
AT	25.73	27.30	32.49	32.51	31.88	30.65
PL	95.12	84.29	87.65	95.72	93.00	89.12
PT	18.56	22.89	24.89	22.55	21.04	20.66
RO	45.07	34.77	36.74	34.33	30.97	30.77
SI	5.95	6.21	7.02	7.13	6.76	6.53
SK	16.79	16.94	17.75	16.80	15.93	15.25
FI	28.24	31.40	33.38	35.91	32.97	33.43
SE	49.48	47.17	48.70	48.67	47.07	46.20
UK	209.76	219.23	222.79	204.70	195.12	182.39

PRIMARY ENERGY CONSUMPTION – 1990-2014 (Mtoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

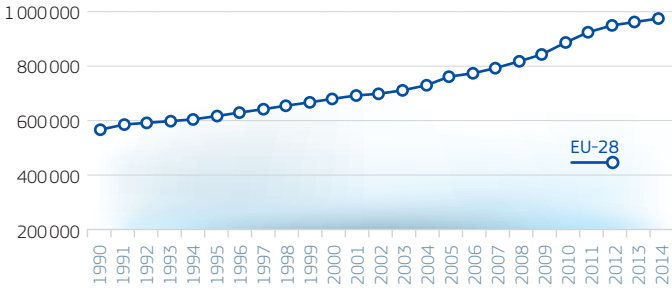
2.6 Electricity

2.6.1 Installed Electricity Capacity

TOTAL

MW	1995	2000	2005	2010	2013	2014
EU-28*	618490	681077	758023	883854	960805	977656
Index 1995	100%	110%	123%	143%	155%	158%
BE	14917	15685	16096	18690	20984	20919
BG	1975	11085	12260	10031	11589	11390
CZ	13803	15323	17406	19829	21079	21970
DK	10823	12316	13036	13438	13810	13655
DE	116226	118884	128612	162698	186117	198416
EE	1	2800	2559	2751	2910	3096
IE	4060	4711	6175	8311	8798	9078
EL	8942	10904	13306	15312	18855	18895
ES	45621	53924	76574	101788	105998	106470
FR	107616	114665	115755	124551	128432	129069
HR	2072	2079	3866	4121	4312	4426
IT	65923	75510	85498	106488	124750	121762
CY	690	988	1125	1560	1699	1724
LV	2068	2092	2166	2557	2911	2924
LT	5866	5716	4556	3570	4323	4037
LU	1250	1217	1682	1711	1813	2022
HU	7404	8282	8586	8993	8418	8809
MT	0	0	0	572	648	675
NL	19034	21062	21800	26688	30539	31762
AT	17395	17802	18898	21187	23591	24024
PL	29482	30559	32257	33360	35815	35989
PT	9384	10908	13374	18932	18900	19125
RO	5998	6120	18951	19912	22948	23884
SI	2518	2614	2992	3193	3434	3453
SK	7238	7454	8257	7873	8458	8092
FI	14434	16260	16468	15537	16653	16245
SE	33625	33724	33390	36454	37915	38736
UK	70125	78393	82378	93747	95106	97009

INSTALLED ELECTRICITY CAPACITY – TOTAL – 1990-2014 (MW)



* No complete EU-28 data available for 1990-2000.

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.6.1 Installed Electricity Capacity

BY FUEL

MW	2014						
	Installed Electricity Capacity	Combustible Fuels	Hydro	Nuclear	Wind	Solar PV	Other Sources
EU-28	977 656	482 466	150 279	123 515	129 080	86 786	5 530
Share (%)	100.0 %	49.3 %	15.4 %	12.6 %	13.2 %	8.9 %	0.6 %
BE	20 919	8 605	1 429	5 927	1 930	3 024	4
BG	11 390	4 470	3 219	1 975	700	1 026	0
CZ	21 970	13 082	2 252	4 290	278	2 068	0
DK	13 655	8 152	8	0	4 888	607	0
DE	198 416	97 203	11 234	12 074	39 193	38 234	478
EE	3 096	2 750	5	0	341	0	0
IE	9 078	6 337	529	0	2 211	1	0
EL	18 895	10 932	3 389	0	1 978	2 596	0
ES	106 470	49 786	19 223	7 399	22 975	4 787	2 300
FR	129 069	24 411	25 294	63 130	9 068	5 654	1 512
HR	4 426	1 861	2 193	0	339	33	0
IT	121 762	71 272	22 098	0	8 683	18 609	1 100
CY	1 724	1 513	0	0	147	64	0
LV	2 924	1 265	1 590	0	69	0	0
LT	4 037	2 778	877	0	288	69	25
LU	2 022	524	1 330	0	58	110	0
HU	8 809	6 333	57	2 000	329	77	13
MT	675	620	0	0	0	55	0
NL	31 762	27 286	37	485	2 865	1 048	41
AT	24 024	7 859	13 293	0	2 086	785	1
PL	35 989	29 760	2 364	0	3 836	27	2
PT	19 125	8 113	5 715	0	4 856	415	26
RO	23 884	11 323	6 613	1 411	3 244	1 293	0
SI	3 453	1 242	1 296	688	4	223	0
SK	8 092	3 068	2 523	1 940	3	533	25
FI	16 245	9 607	3 248	2 752	627	11	0
SE	38 736	8 076	15 996	9 507	5 097	60	0
UK	97 009	64 238	4 467	9 937	12 987	5 377	3

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.6.1 Installed Electricity Capacity*

RENEWABLES

MW	2014						
	Total Renewables	Hydro	Wind	Solar PV	Solar Thermal	Geothermal	Tide, Wave and Ocean
EU-28	369511	150279	129080	86786	2302	820	244
Share (%)	37.8%	15.4%	13.2%	8.9%	0.2%	0.1%	0.0%
BE	6383	1429	1930	3024	0	0	0
BG	4945	3219	700	1026	0	0	0
CZ	4598	2252	278	2068	0	0	0
DK	5503	8	4888	607	0	0	0
DE	88687	11234	39193	38234	2	24	0
EE	346	5	341	0	0	0	0
IE	2741	529	2211	1	0	0	0
EL	7963	3389	1978	2596	0	0	0
ES	49285	19223	22975	4787	2300	0	0
FR	40258	25294	9068	5654	0	2	240
HR	2565	2193	339	33	0	0	0
IT	50158	22098	8683	18609	0	768	0
CY	211	0	147	64	0	0	0
LV	1659	1590	69	0	0	0	0
LT	1234	877	288	69	0	0	0
LU	1498	1330	58	110	0	0	0
HU	463	57	329	77	0	0	0
MT	55	0	0	55	0	0	0
NL	3950	37	2865	1048	0	0	0
AT	16165	13293	2086	785	0	1	0
PL	6227	2364	3836	27	0	0	0
PT	11012	5715	4856	415	0	25	1
RO	11150	6613	3244	1293	0	0	0
SI	1523	1296	4	223	0	0	0
SK	3059	2523	3	533	0	0	0
FI	3886	3248	627	11	0	0	0
SE	21153	15996	5097	60	0	0	0
UK	22834	4467	12987	5377	0	0	3

* Net maximum capacity.

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.6.2 Gross Electricity Generation

TOTAL

TWh	1995	2000	2005	2010	2013	2014
EU-28	2743.6	3035.8	3325.4	3366.4	3270.6	3190.7
Index 1995	100%	111%	121%	123%	119%	116%
BE	74.41	84.01	87.03	95.19	83.53	72.69
BG	41.79	40.92	44.37	46.65	43.78	47.49
CZ	60.85	73.47	82.58	85.91	87.07	86.02
DK	36.76	36.05	36.25	38.86	34.76	32.18
DE	537.28	576.54	622.58	632.98	638.73	627.80
EE	8.69	8.51	10.21	12.96	13.28	12.45
IE	17.86	23.98	25.97	28.69	26.14	26.31
EL	41.55	53.84	60.02	57.39	57.15	50.47
ES	167.09	224.47	294.08	301.53	285.63	278.75
FR	494.27	539.95	576.06	569.10	572.31	562.78
HR	9.28	11.28	13.16	14.90	14.05	13.55
IT	241.49	276.64	303.70	302.06	289.81	279.83
CY	2.50	3.37	4.38	5.32	4.29	4.35
LV	3.98	4.14	4.91	6.63	6.21	5.14
LT	13.90	11.43	14.78	5.75	4.76	4.40
LU	1.23	1.17	4.13	4.59	2.89	2.97
HU	34.02	35.19	35.76	37.37	30.29	29.37
MT	1.63	1.92	2.24	2.11	2.25	2.25
NL	81.17	89.63	99.92	119.27	101.74	103.42
AT	56.23	61.26	66.41	71.13	68.28	65.42
PL	139.01	145.18	156.94	157.66	164.58	159.06
PT	33.27	43.76	46.58	54.09	51.67	52.80
RO	59.27	51.93	59.41	60.98	58.89	65.68
SI	12.91	13.62	15.12	16.44	16.10	17.44
SK	26.77	31.16	31.46	27.86	28.83	27.40
FI	64.04	69.98	70.58	80.67	71.26	68.09
SE	148.35	145.27	158.44	148.56	153.17	153.66
UK	334.04	377.07	398.36	381.77	359.17	338.93

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.6.2 Gross Electricity Generation

BY FUEL

TWh	2014 Gross Electricity Generation	Solid Fuels	Nuclear	Renewables	Gases	Petroleum and Products	Wastes non-RES
EU-28	3190.7	808.7	876.3	930.9	490.1	57.4	22.6
Share (%)	100.0%	25.3%	27.5%	29.2%	15.4%	1.8%	0.7%
BE	72.69	2.23	33.70	13.40	21.46	0.22	1.27
BG	47.49	21.31	15.87	7.95	2.14	0.21	0.00
CZ	86.02	40.92	30.33	10.22	4.45	0.04	0.07
DK	32.18	11.06	0.00	17.98	2.10	0.32	0.72
DE	627.80	274.41	97.13	168.37	72.77	5.66	7.43
EE	12.45	10.36	0.00	1.39	0.58	0.04	0.07
IE	26.31	6.48	0.00	6.66	12.91	0.19	0.07
EL	50.47	25.75	0.00	12.31	6.78	5.54	0.10
ES	278.75	43.81	57.31	114.07	48.76	14.12	0.69
FR	562.78	9.52	436.47	97.20	15.23	1.81	1.99
HR	13.55	2.37	0.00	10.06	1.00	0.13	0.00
IT	279.83	43.45	0.00	122.39	96.71	14.16	2.45
CY	4.35	0.00	0.00	0.32	0.00	4.03	0.00
LV	5.14	0.00	0.00	2.80	2.34	0.00	0.00
LT	4.40	0.00	0.00	2.20	1.75	0.16	0.04
LU	2.97	0.00	0.00	1.46	1.45	0.00	0.06
HU	29.37	6.00	15.65	3.14	4.34	0.07	0.12
MT	2.25	0.00	0.00	0.08	0.00	2.17	0.00
NL	103.42	29.49	4.09	11.71	54.46	1.91	1.63
AT	65.42	2.96	0.00	53.80	7.35	0.61	0.69
PL	159.06	129.52	0.00	20.39	7.36	1.59	0.05
PT	52.80	11.95	0.00	32.40	6.83	1.36	0.25
RO	65.68	17.76	11.68	27.60	8.15	0.49	0.00
SI	17.44	3.76	6.37	6.89	0.37	0.04	0.01
SK	27.40	2.87	15.50	6.48	2.10	0.30	0.03
FI	68.09	11.33	23.58	26.27	6.01	0.24	0.38
SE	153.66	0.59	64.88	85.85	0.82	0.30	1.23
UK	338.93	100.85	63.75	67.54	101.84	1.67	3.28

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.6.2 Gross Electricity Generation

RENEWABLES

TWh	2014						
	Renewables	Hydro	Wind	Biomass and Renewable	Solar	Geothermal	Tide, Wave and Ocean
EU-28	930.9	406.5	253.2	166.8	97.8	6.2	0.5
Share (%)	100.0 %	43.7 %	27.2 %	17.9 %	10.5 %	0.7 %	0.1 %
BE	13.40	1.51	4.61	4.40	2.88	0.00	0.00
BG	7.95	5.16	1.33	0.20	1.25	0.00	0.00
CZ	10.22	2.96	0.48	4.66	2.12	0.00	0.00
DK	17.98	0.02	13.08	4.29	0.60	0.00	0.00
DE	168.37	25.44	57.36	49.42	36.06	0.10	0.00
EE	1.39	0.03	0.60	0.76	0.00	0.00	0.00
IE	6.66	0.99	5.14	0.54	0.00	0.00	0.00
EL	12.31	4.61	3.69	0.22	3.79	0.00	0.00
ES	114.07	42.97	52.01	5.41	13.67	0.00	0.00
FR	97.20	68.63	17.25	4.94	5.91	0.00	0.48
HR	10.06	9.13	0.73	0.17	0.04	0.00	0.00
IT	122.39	60.26	15.18	18.73	22.31	5.92	0.00
CY	0.32	0.00	0.18	0.05	0.08	0.00	0.00
LV	2.80	1.99	0.14	0.67	0.00	0.00	0.00
LT	2.20	1.09	0.64	0.40	0.07	0.00	0.00
LU	1.46	1.17	0.08	0.12	0.10	0.00	0.00
HU	3.14	0.30	0.66	2.12	0.06	0.00	0.00
MT	0.08	0.00	0.00	0.01	0.07	0.00	0.00
NL	11.71	0.11	5.80	5.01	0.79	0.00	0.00
AT	53.80	44.83	3.85	4.34	0.79	0.00	0.00
PL	20.39	2.73	7.68	9.98	0.01	0.00	0.00
PT	32.40	16.41	12.11	3.05	0.63	0.21	0.00
RO	27.60	19.28	6.20	0.51	1.62	0.00	0.00
SI	6.89	6.37	0.00	0.26	0.26	0.00	0.00
SK	6.48	4.46	0.01	1.42	0.60	0.00	0.00
FI	26.27	13.40	1.11	11.76	0.01	0.00	0.00
SE	85.85	63.87	11.23	10.70	0.05	0.00	0.00
UK	67.54	8.77	32.02	22.70	4.05	0.00	0.00

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.6.2 Gross Electricity Generation

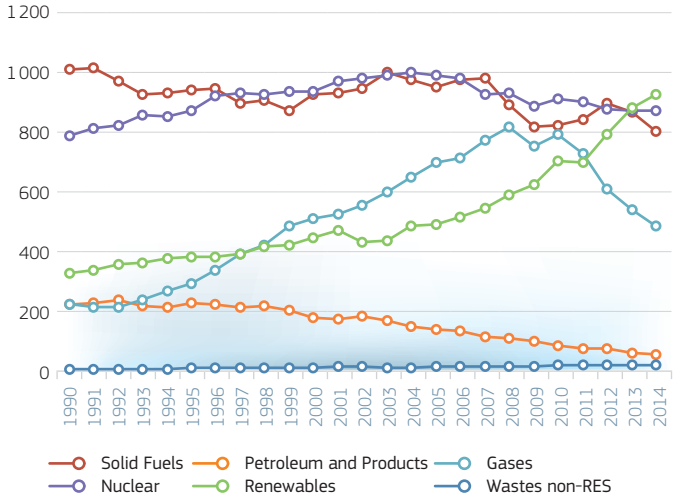
BY FUEL – EU-28

Share of Total (%)	Solid Fuels	Nuclear	Renewables	Gases	Petroleum and Products
1990	39.3	30.6	12.6	8.6	8.6
1991	38.7	31.1	13.0	8.2	8.8
1992	37.2	31.5	13.6	8.1	9.2
1993	35.5	32.8	13.9	9.1	8.3
1994	35.1	32.2	14.1	10.1	8.1
1995	34.5	32.1	13.9	10.7	8.4
1996	33.6	32.5	13.6	12.0	8.0
1997	31.6	32.8	13.9	13.8	7.5
1998	31.2	31.9	14.4	14.6	7.5
1999	29.8	31.9	14.4	16.6	6.9
2000	30.8	31.1	14.8	16.9	6.0
2001	30.2	31.4	15.3	17.0	5.6
2002	30.4	31.5	13.9	17.7	5.9
2003	31.1	30.8	13.6	18.7	5.3
2004	29.8	30.5	14.8	19.8	4.5
2005	28.9	30.0	14.9	21.2	4.3
2006	29.2	29.4	15.5	21.3	4.0
2007	29.1	27.6	16.3	23.0	3.4
2008	26.6	27.7	17.6	24.4	3.2
2009	25.5	27.7	19.5	23.5	3.1
2010	24.6	27.2	21.1	23.7	2.6
2011	25.8	27.5	21.4	22.3	2.2
2012	27.3	26.8	24.2	18.7	2.2
2013	26.8	26.8	27.2	16.6	1.9
2014	25.3	27.5	29.2	15.4	1.8

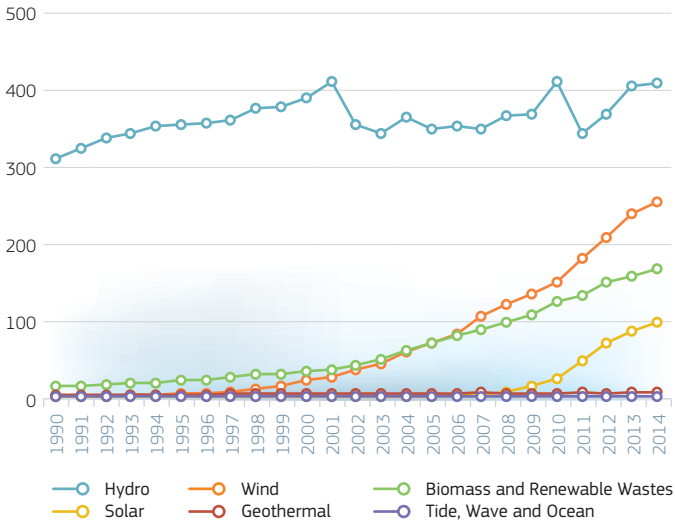
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.6.2 Gross Electricity Generation

BY FUEL – EU-28 – 1990-2014 (TWh)



GROSS ELECTRICITY GENERATION – EU-28 – RENEWABLES – 1990-2014 (TWh)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.6.3 Market Share of the Largest Electricity Producer

%	1999	2000	2005	2010	2013	2014
BE	92.3	91.1	85	79.1	64.9	59.77
BG						
CZ	71	69.2	72	73	58.2	57.54
DK	40	36	33	46	41	36.6
DE	28.1	34	31	28.4	32	32
EE	93	91	92	89	87	84.83
IE	97	97	71	34	54	51
EL	98	97	97	85.1	67	71.54
ES	51.8	42.4	35	24.04	22.04	23.82
FR	93.8	90.2	89.1	86.5	83.8	86.8
HR			87	88	84	80.29
IT	71.1	46.7	38.6	28	27	29
CY	99.7	99.6	100	100	100	100
LV	96.5	95.8	92.7	88	79.8	54.8
LT	73.7	72.8	70.3	35.4	24.4	20.57
LU				85.4	58.35	61.33
HU	38.9	41.3	38.7	42.1	51.91	53.51
MT	100	100	100	100	100	100
NL						
AT	21.4	32.6			55.5	
PL	20.8	19.5	18.5	17.38	17.34	17.93
PT	57.8	58.5	53.9	47.2	43.9	46.5
RO			36.4	33.56	26.8	29.9
SI			50.1	56.3	57.1	52.4
SK	83.6	85.1	83.6	80.86	83.76	81.85
FI	26	23.3	23	26.6	25.3	25.2
SE	52.8	49.5	47	42	44.8	42.9
UK	21	20.6	20.5	21	29.3	

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

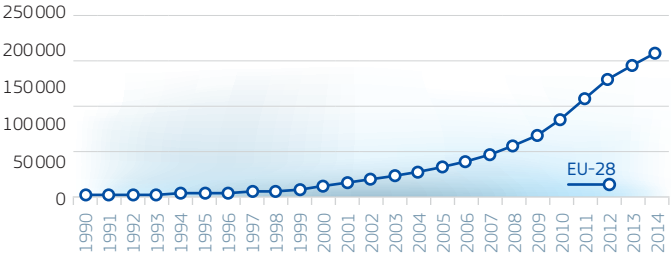
2.7 Solar and Wind Energy

2.7.1 Solar and Wind Energy – Cumulative Capacity

TOTAL

MW	1995	2000	2005	2010	2013	2014
EU-28	2479	12890	42697	114715	200071	218168
BE	5	14	169	1816	4714	4954
BG	0	0	8	513	1703	1726
CZ	0	1	23	1940	2326	2346
DK	599	2391	3131	3809	5391	5495
DE	1155	6209	20431	44734	70997	77429
EE	0	0	31	108	248	341
IE	6	119	517	1375	1942	2212
EL	27	226	492	1500	4388	4574
ES	105	2218	9978	25346	30043	30062
FR	5	45	703	6956	12854	14722
HR	0	0	6	79	273	372
IT	38	382	1669	9264	26962	27292
CY	0	0	1	89	182	211
LV	1	2	26	30	67	69
LT	0	0	1	133	347	357
LU	0	14	59	73	153	168
HU	0	0	17	295	364	406
MT	0	0	0	1	28	55
NL	252	460	1275	2327	3459	3913
AT	2	55	808	1135	2271	2871
PL	0	4	121	1108	3431	3863
PT	8	84	1066	3930	4906	5271
RO	0	0	1	389	3534	4537
SI	0	0	0	12	191	227
SK	0	0	5	22	538	536
FI	7	40	86	204	456	638
SE	69	212	497	2030	4237	5157
UK	200	414	1576	5497	14066	18364

SOLAR AND WIND ENERGY – CUMULATIVE CAPACITY – TOTAL – 1990-2014 (MW)



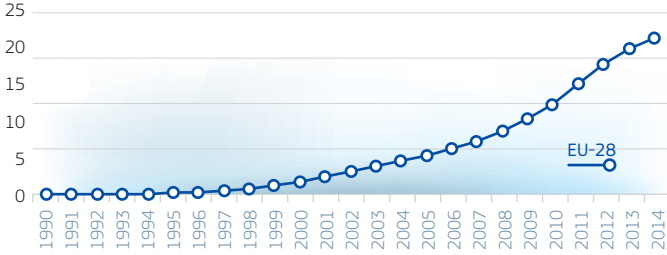
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.7.1 Solar and Wind Energy – Cumulative Capacity

SHARE OF TOTAL

%	1995	2000	2005	2010	2013	2014
EU-28	0.4	1.9	5.6	13.0	20.8	22.3
BE	0.03	0.09	1.05	9.72	22.46	23.68
BG	0.00	0.00	0.07	5.11	14.69	15.15
CZ	0.00	0.01	0.13	9.78	11.03	10.68
DK	5.53	19.41	24.02	28.34	39.04	40.24
DE	0.99	5.22	15.89	27.50	38.15	39.02
EE	0.00	0.00	1.21	3.93	8.52	11.01
IE	0.15	2.53	8.37	16.54	22.07	24.37
EL	0.30	2.07	3.70	9.80	23.27	24.21
ES	0.23	4.11	13.03	24.90	28.34	28.24
FR	0.00	0.04	0.61	5.58	10.01	11.41
HR	0.00	0.00	0.16	1.92	6.33	8.40
IT	0.06	0.51	1.95	8.70	21.61	22.41
CY	0.00	0.00	0.09	5.71	10.71	12.24
LV	0.05	0.10	1.20	1.17	2.30	2.36
LT	0.00	0.00	0.02	3.73	8.03	8.84
LU	0.00	1.15	3.51	4.27	8.44	8.31
HU	0.00	0.00	0.20	3.28	4.32	4.61
MT	0.00	0.00	0.00	0.17	4.32	8.15
NL	1.32	2.18	5.85	8.72	11.33	12.32
AT	0.01	0.31	4.28	5.36	9.63	11.95
PL	0.00	0.01	0.38	3.32	9.58	10.73
PT	0.09	0.77	7.97	20.76	25.96	27.56
RO	0.00	0.00	0.01	1.95	15.40	19.00
SI	0.00	0.00	0.00	0.38	5.56	6.57
SK	0.00	0.00	0.06	0.28	6.36	6.62
FI	0.05	0.25	0.52	1.31	2.74	3.93
SE	0.21	0.63	1.49	5.57	11.17	13.31
UK	0.29	0.53	1.91	5.86	14.79	18.93

SOLAR AND WIND ENERGY – CUMULATIVE CAPACITY – SHARE OF TOTAL – 1990-2014 (%)



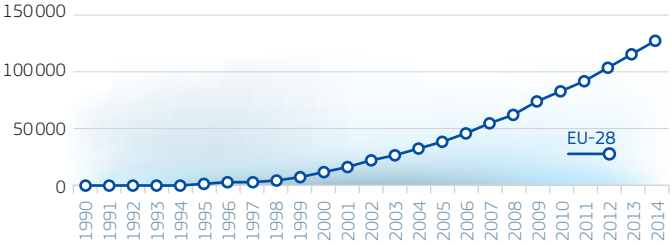
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.7.2 Wind Cumulative Installed Capacity

TOTAL

MW	1995	2000	2005	2010	2013	2014
EU-28	2430	12711	40400	84566	118086	129080
BE	5	14	167	912	1792	1930
BG	0	0	8	488	683	700
CZ	0	1	22	213	262	278
DK	599	2390	3128	3802	4820	4888
DE	1137	6095	18375	27180	34660	39193
EE	0	0	31	108	248	341
IE	6	119	517	1374	1941	2211
EL	27	226	491	1298	1809	1978
ES	98	2206	9918	20693	22958	22975
FR	3	38	690	5912	8202	9068
HR	0	0	6	79	254	339
IT	22	363	1635	5794	8542	8683
CY	0	0	0	82	147	147
LV	1	2	26	30	67	69
LT	0	0	1	133	279	288
LU	0	14	35	44	58	58
HU	0	0	17	293	329	329
MT	0	0	0	0	0	0
NL	250	447	1224	2237	2713	2865
AT	1	50	778	981	1645	2086
PL	0	4	121	1108	3429	3836
PT	8	83	1064	3796	4610	4856
RO	0	0	1	389	2773	3244
SI	0	0	0	0	4	4
SK	0	0	5	3	5	3
FI	6	38	82	197	447	627
SE	67	209	493	2019	4194	5097
UK	200	412	1565	5401	11215	12987

WIND CUMULATIVE INSTALLED CAPACITY – TOTAL – 1990-2014 (MW)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.7.2 Wind Cumulative Installed Capacity

SHARE OF TOTAL

%	1995	2000	2005	2010	2013	2014
EU-28	0.4	1.9	5.3	9.6	12.3	13.2
BE	0.0	0.1	1.0	4.9	8.5	9.2
BG	0.0	0.0	0.1	4.9	5.9	6.1
CZ	0.0	0.0	0.1	1.1	1.2	1.3
DK	5.5	19.4	24.0	28.3	34.9	35.8
DE	1.0	5.1	14.3	16.7	18.6	19.8
EE	0.0	0.0	1.2	3.9	8.5	11.0
IE	0.1	2.5	8.4	16.5	22.1	24.4
EL	0.3	2.1	3.7	8.5	9.6	10.5
ES	0.2	4.1	13.0	20.3	21.7	21.6
FR	0.0	0.0	0.6	4.7	6.4	7.0
HR	0.0	0.0	0.2	1.9	5.9	7.7
IT	0.0	0.5	1.9	5.4	6.8	7.1
CY	0.0	0.0	0.0	5.3	8.7	8.5
LV	0.0	0.1	1.2	1.2	2.3	2.4
LT	0.0	0.0	0.0	3.7	6.5	7.1
LU	0.0	1.2	2.1	2.6	3.2	2.9
HU	0.0	0.0	0.2	3.3	3.9	3.7
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	1.3	2.1	5.6	8.4	8.9	9.0
AT	0.0	0.3	4.1	4.6	7.0	8.7
PL	0.0	0.0	0.4	3.3	9.6	10.7
PT	0.1	0.8	8.0	20.1	24.4	25.4
RO	0.0	0.0	0.0	2.0	12.1	13.6
SI	0.0	0.0	0.0	0.0	0.1	0.1
SK	0.0	0.0	0.1	0.0	0.1	0.0
FI	0.0	0.2	0.5	1.3	2.7	3.9
SE	0.2	0.6	1.5	5.5	11.1	13.2
UK	0.3	0.5	1.9	5.8	11.8	13.4

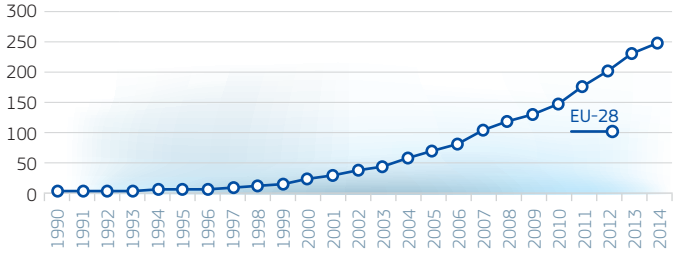
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.7.3 Wind Gross Electricity Production

TOTAL

TWh	1995	2000	2005	2010	2013	2014
EU-28	4.1	22.2	70.5	149.4	236.8	253.2
BE	0.0	0.0	0.2	1.3	3.7	4.6
BG	0.0	0.0	0.0	0.7	1.4	1.3
CZ	0.0	0.0	0.0	0.3	0.5	0.5
DK	1.2	4.2	6.6	7.8	11.1	13.1
DE	1.7	9.4	27.2	37.8	51.7	57.4
EE	0.0	0.0	0.1	0.3	0.5	0.6
IE	0.0	0.2	1.1	2.8	4.5	5.1
EL	0.0	0.5	1.3	2.7	4.1	3.7
ES	0.3	4.7	21.2	44.3	55.6	52.0
FR	0.0	0.0	1.0	9.9	16.0	17.2
HR	0.0	0.0	0.0	0.1	0.5	0.7
IT	0.0	0.6	2.3	9.1	14.9	15.2
CY	0.0	0.0	0.0	0.0	0.2	0.2
LV	0.0	0.0	0.0	0.0	0.1	0.1
LT	0.0	0.0	0.0	0.2	0.6	0.6
LU	0.0	0.0	0.1	0.1	0.1	0.1
HU	0.0	0.0	0.0	0.5	0.7	0.7
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	0.3	0.8	2.1	4.0	5.6	5.8
AT	0.0	0.1	1.3	2.1	3.2	3.8
PL	0.0	0.0	0.1	1.7	6.0	7.7
PT	0.0	0.2	1.8	9.2	12.0	12.1
RO	0.0	0.0	0.0	0.3	4.5	6.2
SI	0.0	0.0	0.0	0.0	0.0	0.0
SK	0.0	0.0	0.0	0.0	0.0	0.0
FI	0.0	0.1	0.2	0.3	0.8	1.1
SE	0.1	0.5	0.9	3.5	9.8	11.2
UK	0.4	0.9	2.9	10.3	28.4	32.0

WIND GROSS ELECTRICITY PRODUCTION – TOTAL – 1990-2014 (TWh)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.7.3 Wind Gross Electricity Production

PENETRATION LEVEL*

%	1995	2000	2005	2010	2013	2014
EU-28	0.1	0.7	2.1	4.4	7.2	7.9
BE	0.0	0.0	0.3	1.4	4.4	6.3
BG	0.0	0.0	0.0	1.5	3.1	2.8
CZ	0.0	0.0	0.0	0.4	0.6	0.6
DK	3.2	11.8	18.2	20.1	32.0	40.6
DE	0.3	1.6	4.4	6.0	8.1	9.1
EE	0.0	0.0	0.5	2.1	4.0	4.9
IE	0.1	1.0	4.3	9.8	17.4	19.5
EL	0.1	0.8	2.1	4.7	7.2	7.3
ES	0.2	2.1	7.2	14.7	19.5	18.7
FR	0.0	0.0	0.2	1.7	2.8	3.1
HR	0.0	0.0	0.1	0.9	3.7	5.4
IT	0.0	0.2	0.8	3.0	5.1	5.4
CY	0.0	0.0	0.0	0.6	5.4	4.2
LV	0.0	0.1	1.0	0.7	1.9	2.7
LT	0.0	0.0	0.0	3.9	12.7	14.5
LU	0.0	2.3	1.3	1.2	2.9	2.7
HU	0.0	0.0	0.0	1.4	2.4	2.2
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	0.4	0.9	2.1	3.3	5.5	5.6
AT	0.0	0.1	2.0	2.9	4.6	5.9
PL	0.0	0.0	0.1	1.1	3.6	4.8
PT	0.0	0.4	3.8	17.0	23.3	22.9
RO	0.0	0.0	0.0	0.5	7.7	9.4
SI	0.0	0.0	0.0	0.0	0.0	0.0
SK	0.0	0.0	0.0	0.0	0.0	0.0
FI	0.0	0.1	0.2	0.4	1.1	1.6
SE	0.1	0.3	0.6	2.4	6.4	7.3
UK	0.1	0.3	0.7	2.7	7.9	9.4

* In total gross electricity generation.

Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.7.4 Wind Capacity Factor

ANNUAL AVERAGE

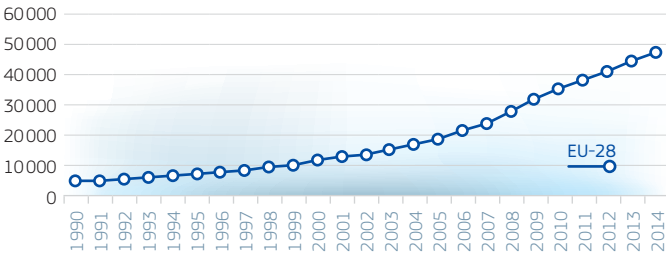
%	1995	2000	2005	2010	2013	2014
EU-28	19.1	19.9	19.9	20.1	22.9	22.4
BE	20.5	13.0	15.5	16.2	23.5	27.3
BG	0.0	0.0	7.1	15.9	22.9	21.7
CZ	0.0	11.4	10.9	17.9	20.9	19.6
DK	22.4	20.2	24.1	23.4	26.3	30.5
DE	17.2	17.5	16.9	15.9	17.0	16.7
EE	0.0	0.0	19.9	29.3	24.3	20.2
IE	30.4	23.4	24.5	23.4	26.7	26.5
EL	14.4	22.8	29.4	23.9	26.1	21.3
ES	31.4	24.4	24.4	24.4	27.7	25.8
FR	19.0	14.4	15.9	19.2	22.3	21.7
HR	0.0	0.0	19.0	20.1	23.2	24.6
IT	4.7	17.7	16.4	18.0	19.9	19.9
CY	0.0	0.0	0.0	4.3	17.9	14.1
LV	0.0	22.8	20.6	18.6	20.4	23.3
LT	0.0	0.0	22.8	19.2	24.7	25.3
LU	0.0	22.0	16.9	14.3	16.3	15.7
HU	0.0	0.0	6.7	20.8	24.9	22.8
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	14.5	21.2	19.3	20.4	23.7	23.1
AT	11.4	15.3	19.5	24.0	21.9	21.0
PL	0.0	14.3	12.7	17.1	20.0	22.8
PT	22.8	23.1	19.0	27.6	29.7	28.5
RO	0.0	0.0	0.0	9.0	18.6	21.8
SI	0.0	0.0	0.0	0.0	11.4	11.4
SK	0.0	0.0	13.7	22.8	13.7	22.8
FI	20.9	23.4	23.7	17.0	19.8	20.1
SE	16.9	24.9	21.7	19.8	26.8	25.1
UK	22.3	26.2	21.2	21.7	28.9	28.1

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.7.5 Solar Collectors' Surface

1 000 m²	1995	2000	2005	2010	2013	2014
EU-28	6543	11052	18291	35259	44770	47735
BE	36	41	77	371	570	615
BG	0	0	0	194	309	327
CZ	0	0	85	309	470	530
DK	144	243	286	480	712	810
DE	1166	3251	7099	14044	17222	17987
EE	0	0	0	0	0	0
IE	2	4	13	185	278	300
EL	2101	2941	3047	4100	4181	4287
ES	319	403	797	2373	3094	3348
FR	598	513	583	1447	1975	2162
HR	0	20	41	92	143	162
IT	174	271	680	2415	3318	3538
CY	0	0	730	909	977	993
LV	0	0	0	0	0	0
LT	0	0	0	0	0	0
LU	0	0	6	29	46	48
HU	27	36	45	140	158	160
MT	0	0	0	44	43	45
NL	139	276	422	576	633	644
AT	1241	2202	3083	4441	5058	5059
PL	0	0	95	656	1470	1730
PT	200	238	289	752	1024	1079
RO	0	0	0	0	1087	1847
SI	0	0	0	0	0	0
SK	0	0	64	123	160	166
FI	7	10	16	31	41	45
SE	135	207	371	510	475	475
UK	254	396	462	1038	1326	1378

SOLAR COLLECTORS' SURFACE – TOTAL – 1990-2014 (1 000 m²)



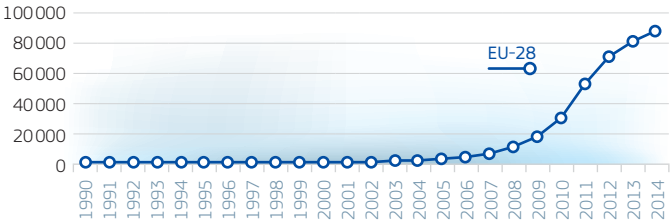
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.7.6 Solar Installed Capacity

TOTAL

MW	1995	2000	2005	2010	2013	2014
EU-28	49	179	2297	30149	81985	89088
BE	0	0	2	904	2922	3024
BG	0	0	0	25	1020	1026
CZ	0	0	1	1727	2064	2068
DK	0	1	3	7	571	607
DE	18	114	2056	17554	36337	38236
EE	0	0	0	0	0	0
IE	0	0	0	1	1	1
EL	0	0	1	202	2579	2596
ES	7	12	60	4653	7085	7087
FR	2	7	13	1044	4652	5654
HR	0	0	0	0	19	33
IT	16	19	34	3470	18420	18609
CY	0	0	1	7	35	64
LV	0	0	0	0	0	0
LT	0	0	0	0	68	69
LU	0	0	24	29	95	110
HU	0	0	0	2	35	77
MT	0	0	0	1	28	55
NL	2	13	51	90	746	1048
AT	1	5	30	154	626	785
PL	0	0	0	0	2	27
PT	0	1	2	134	296	415
RO	0	0	0	0	761	1293
SI	0	0	0	12	187	223
SK	0	0	0	19	533	533
FI	1	2	4	7	9	11
SE	2	3	4	11	43	60
UK	0	2	11	96	2851	5377

SOLAR INSTALLED CAPACITY – TOTAL – 1990-2014 (MW)



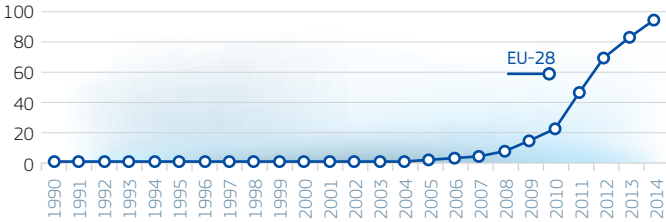
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.7.7 Solar Gross Electricity Production

TOTAL

TWh	1995	2000	2005	2010	2013	2014
EU-28	0.0	0.1	1.5	23.3	85.7	97.8
BE	0.0	0.0	0.0	0.6	2.6	2.9
BG	0.0	0.0	0.0	0.0	1.4	1.3
CZ	0.0	0.0	0.0	0.6	2.0	2.1
DK	0.0	0.0	0.0	0.0	0.5	0.6
DE	0.0	0.1	1.3	11.7	31.0	36.1
EE	0.0	0.0	0.0	0.0	0.0	0.0
IE	0.0	0.0	0.0	0.0	0.0	0.0
EL	0.0	0.0	0.0	0.2	3.6	3.8
ES	0.0	0.0	0.0	7.2	13.1	13.7
FR	0.0	0.0	0.0	0.6	4.7	5.9
HR	0.0	0.0	0.0	0.0	0.0	0.0
IT	0.0	0.0	0.0	1.9	21.6	22.3
CY	0.0	0.0	0.0	0.0	0.0	0.1
LV	0.0	0.0	0.0	0.0	0.0	0.0
LT	0.0	0.0	0.0	0.0	0.0	0.1
LU	0.0	0.0	0.0	0.0	0.1	0.1
HU	0.0	0.0	0.0	0.0	0.0	0.1
MT	0.0	0.0	0.0	0.0	0.0	0.1
NL	0.0	0.0	0.0	0.1	0.5	0.8
AT	0.0	0.0	0.0	0.1	0.6	0.8
PL	0.0	0.0	0.0	0.0	0.0	0.0
PT	0.0	0.0	0.0	0.2	0.5	0.6
RO	0.0	0.0	0.0	0.0	0.4	1.6
SI	0.0	0.0	0.0	0.0	0.2	0.3
SK	0.0	0.0	0.0	0.0	0.6	0.6
FI	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0
UK	0.0	0.0	0.0	0.0	2.0	4.1

SOLAR GROSS ELECTRICITY PRODUCTION – TOTAL – 1990-2014 (TWh)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.7.8 Solar Penetration Level

IN TOTAL GROSS ELECTRICITY GENERATION

%	1995	2000	2005	2010	2013	2014
EU-28	0.0	0.0	0.0	0.7	2.6	3.1
BE	0.0	0.0	0.0	0.6	3.2	4.0
BG	0.0	0.0	0.0	0.0	3.1	2.6
CZ	0.0	0.0	0.0	0.7	2.3	2.5
DK	0.0	0.0	0.0	0.0	1.5	1.9
DE	0.0	0.0	0.2	1.9	4.9	5.7
EE	0.0	0.0	0.0	0.0	0.0	0.0
IE	0.0	0.0	0.0	0.0	0.0	0.0
EL	0.0	0.0	0.0	0.3	6.4	7.5
ES	0.0	0.0	0.0	2.4	4.6	4.9
FR	0.0	0.0	0.0	0.1	0.8	1.0
HR	0.0	0.0	0.0	0.0	0.1	0.3
IT	0.0	0.0	0.0	0.6	7.4	8.0
CY	0.0	0.0	0.0	0.1	1.1	1.9
LV	0.0	0.0	0.0	0.0	0.0	0.0
LT	0.0	0.0	0.0	0.0	0.9	1.7
LU	0.0	0.0	0.4	0.5	2.6	3.2
HU	0.0	0.0	0.0	0.0	0.1	0.2
MT	0.0	0.0	0.0	0.0	1.3	3.0
NL	0.0	0.0	0.0	0.0	0.5	0.8
AT	0.0	0.0	0.0	0.1	0.9	1.2
PL	0.0	0.0	0.0	0.0	0.0	0.0
PT	0.0	0.0	0.0	0.4	0.9	1.2
RO	0.0	0.0	0.0	0.0	0.7	2.5
SI	0.0	0.0	0.0	0.1	1.3	1.5
SK	0.0	0.0	0.0	0.1	2.0	2.2
FI	0.0	0.0	0.0	0.0	0.0	0.0
SE	0.0	0.0	0.0	0.0	0.0	0.0
UK	0.0	0.0	0.0	0.0	0.6	1.2

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.8 CHP

2.8.1 CHP Electricity

GENERATION AND CAPACITY

	CHP Electricity Generation			CHP Electrical Capacity		
	TWh			GW		
	2005	2012	2013	2005	2012	2013
EU-28	363.6	386.7	382.0	99.3	111.4	113.0
BE	7.4	12.9	12.7	1.9	2.3	2.3
BG	2.7	2.8	3.7	1.2	1.2	1.2
CZ	13.9	11.5	12.0	5.2	4.6	4.6
DK	18.9	15.0	17.6	5.7	5.7	5.9
DE	77.9	79.3	78.7	20.8	26.9	27.3
EE	1.0	1.2	1.2	0.4	0.5	0.5
IE	0.6	2.1	2.0	0.1	0.3	0.3
EL	1.0	2.4	1.9	0.2	0.6	0.6
ES	22.9	26.4	24.1	3.1	4.0	3.4
FR	23.2	15.2	13.9	6.6	5.5	4.8
HR	0.0	2.1	1.7	0.0	0.7	0.7
IT	27.4	35.8	36.7	5.9	7.6	8.3
CY	0.0	0.0	0.1	0.0	0.0	0.0
LV	1.5	2.1	2.4	0.6	1.0	1.2
LT	2.3	1.8	1.7	1.0	1.2	1.2
LU	0.4	0.4	0.4	0.1	0.5	0.5
HU	6.8	4.6	3.9	2.0	1.6	1.7
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	29.5	34.5	34.8	7.2	9.2	9.4
AT	7.7	10.4	9.9	2.2	4.4	5.6
PL	26.3	27.0	26.1	8.3	8.3	8.3
PT	5.4	6.5	7.2	1.1	1.5	1.4
RO	15.5	6.7	6.6	5.2	2.2	2.1
SI	1.1	1.2	1.2	0.3	0.3	0.4
SK	4.8	22.5	22.2	5.4	4.4	4.4
FI	27.5	24.3	24.3	5.8	6.3	6.1
SE	10.7	15.9	15.6	3.5	4.5	4.8
UK	27.2	21.9	19.7	5.4	6.2	6.2

Source: Eurostat, July 2015
Methodology and Notes: **See Appendix 13 – No 2**

2.8.2 CHP Heat

PRODUCTION AND CAPACITY

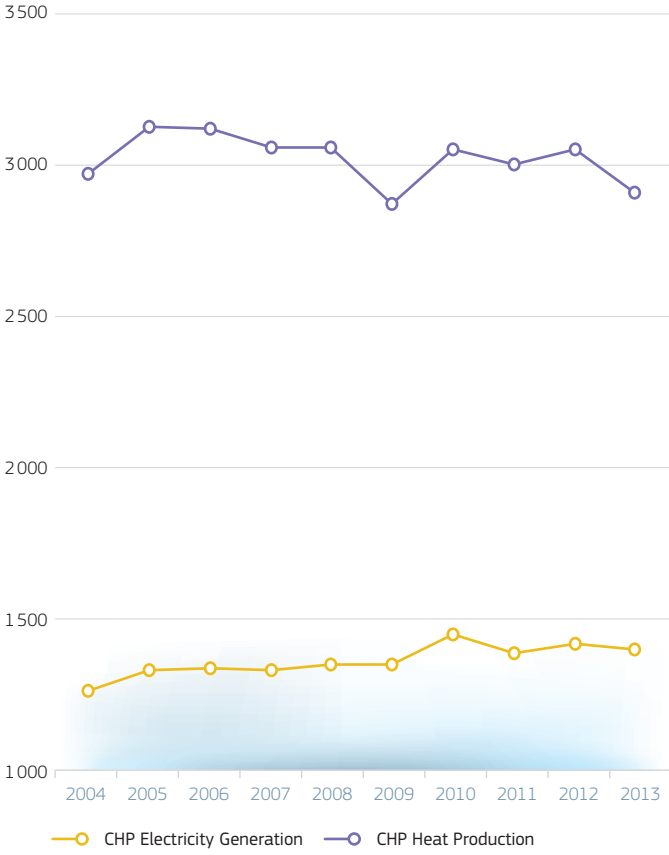
	CHP Heat Production			CHP Heat Capacity*		
	PJ			GW		
	2005	2012	2013	2009	2012	2013
EU-28	3116.7	3041.1	2899.6	296.0	284.7	279.7
BE	75.9	88.4	27.1	4.9	5.3	5.3
BG	50.4	41.6	40.4	5.8	4.1	4.1
CZ	150.7	126.6	120.9	19.0	20.8	21.0
DK	119.0	104.2	103.1	10.3	9.7	9.8
DE	652.5	648.3	654.0	50.1	66.1	73.1
EE	11.5	11.1	12.6	1.5	1.6	1.4
IE	4.4	12.5	12.4	0.7	0.7	0.7
EL	9.7	13.0	10.5	0.8	0.9	0.8
ES	192.5	219.1	174.9	10.8	17.2	5.6
FR	209.2	150.9	150.7	14.9	15.3	12.1
HR	0.0	14.0	13.3	1.5	1.7	1.7
IT	193.1	203.2	212.8	57.9	13.8	16.3
CY	0.1	0.0	0.2	0.0	0.0	0.0
LV	11.9	8.8	11.3	0.4	1.0	3.3
LT	19.9	15.4	15.3	2.4	2.4	2.4
LU	1.2	3.2	3.4	0.0	0.9	0.9
HU	47.4	26.0	27.0	3.4	3.0	3.2
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	220.3	224.6	217.9	19.2	18.9	18.3
AT	100.1	111.8	110.8	10.2	11.3	9.2
PL	275.4	260.6	257.4	24.8	24.6	24.6
PT	59.6	66.9	68.4	5.0	4.9	4.8
RO	95.4	66.1	57.9	10.3	10.5	10.1
SI	15.0	10.7	10.8	0.8	0.8	0.7
SK	33.7	28.8	27.8	9.4	15.7	15.5
FI	250.0	256.8	251.2	15.7	16.1	15.8
SE	132.7	173.8	165.1	8.8	9.8	11.4
UK	185.2	154.5	142.5	7.4	7.5	7.7

* Data on heat capacity before 2009 is not consistent across the EU-28.

Source: Eurostat, July 2015
Methodology and Notes: See Appendix 13 – No 2

2.8.3 CHP Electricity and Heat

CHP ELECTRICITY AND HEAT GENERATION
EU-28 (PJ – GCV)



Source: Eurostat, July 2015
Methodology and Notes: **See Appendix 13 – No 2**

2.9 Heat*

2.9.1 Gross Heat Generation

TOTAL

PJ (GCV)	1995	2000	2005	2010	2013	2014
EU-28	2 287.2	2 186.9	2 594.8	2 684.5	2 493.5	2 327.0
Index 1995	100 %	96 %	113 %	117 %	109 %	102 %
BE	10.0	23.2	22.4	38.3	37.7	36.5
BG	133.5	50.8	52.1	59.4	53.0	54.2
CZ	175.9	139.2	139.2	130.3	125.4	122.2
DK	119.1	119.2	129.0	152.1	136.0	122.1
DE	416.6	315.9	494.0	515.2	488.3	438.3
EE	31.1	27.0	26.8	25.5	23.0	21.8
IE	0.0	0.0	0.0	0.0	0.0	0.0
EL	0.0	1.2	2.0	1.9	1.7	2.1
ES	0.0	0.0	0.0	0.0	0.0	0.0
FR	23.0	135.5	178.3	160.8	134.5	122.0
HR	13.2	11.5	13.3	12.5	11.7	10.1
IT	0.0	0.0	193.1	205.3	216.4	206.0
CY	0.0	0.0	0.0	0.0	0.0	0.0
LV	46.1	31.9	31.1	28.7	26.2	25.7
LT	66.9	48.2	49.9	48.8	43.6	43.3
LU	0.0	0.5	3.2	3.1	3.2	3.6
HU	61.3	69.2	63.6	53.0	49.0	42.8
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	130.1	172.4	178.5	159.9	150.1	147.2
AT	39.2	47.9	61.6	84.6	87.6	80.0
PL	420.8	340.7	336.3	335.8	302.3	276.9
PT	1.5	5.6	13.7	21.1	25.6	21.4
RO	287.0	190.8	127.7	99.1	84.8	78.0
SI	8.9	9.4	10.1	9.8	9.4	8.2
SK	42.1	36.8	52.5	48.6	42.5	34.8
FI	97.7	150.1	178.1	209.5	186.9	181.8
SE	163.1	157.9	181.1	224.2	190.1	179.9
UK	0.0	102.1	57.2	57.0	64.1	68.0

* Only Heat sold, as considered currently in the energy balances.

Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.9.1 Gross Heat Generation

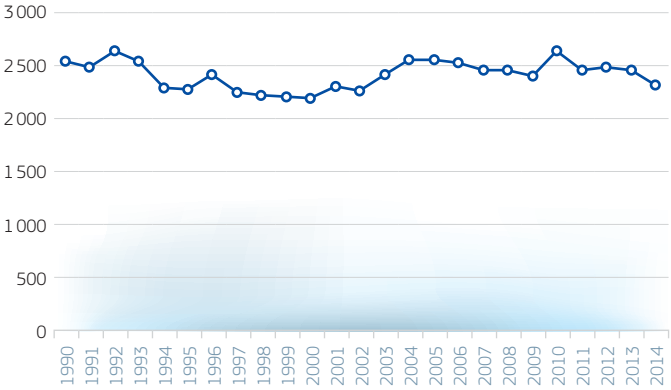
BY FUEL

	2014						
PJ (GCV)	Gross Heat Generation	Gases	Solid Fuels	Renewables	Petroleum and Products	Wastes non-RES	Nuclear
EU-28	2327.0	898.9	633.9	517.3	106.2	103.8	3.7
Share (%)	100.0 %	38.6 %	27.2 %	22.2 %	4.6 %	4.5 %	0.2 %
BE	36.5	22.3	0.0	2.8	0.2	1.9	0.0
BG	54.2	22.9	22.9	0.4	5.7	0.0	0.6
CZ	122.2	36.4	73.9	8.0	0.3	1.4	0.9
DK	122.1	23.5	24.6	58.5	1.2	11.4	0.0
DE	438.3	187.1	145.3	59.1	3.8	35.9	0.0
EE	21.8	9.0	3.8	7.7	0.4	0.9	0.0
IE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EL	2.1	0.0	2.1	0.0	0.0	0.0	0.0
ES	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FR	122.0	49.9	9.3	41.9	9.2	11.5	0.0
HR	10.1	8.9	0.0	0.4	0.8	0.0	0.0
IT	206.0	126.2	1.5	40.5	34.1	3.6	0.0
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	25.7	17.0	0.1	8.5	0.0	0.0	0.0
LT	43.3	15.6	0.2	15.3	0.9	0.5	0.0
LU	3.6	3.1	0.0	0.5	0.0	0.0	0.0
HU	42.8	33.9	1.4	4.8	0.2	0.5	0.5
MT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NL	147.2	103.5	3.1	10.8	21.4	8.3	0.0
AT	80.0	31.1	3.0	36.2	3.9	5.6	0.0
PL	276.9	25.0	232.7	14.3	3.3	0.3	0.0
PT	21.4	21.1	0.0	0.0	0.3	0.0	0.0
RO	78.0	45.1	24.6	3.1	5.1	0.0	0.0
SI	8.2	2.3	4.4	1.2	0.2	0.1	0.0
SK	34.8	16.4	7.3	5.2	3.9	0.0	1.8
FI	181.8	32.4	56.3	74.9	6.2	4.3	0.0
SE	179.9	10.2	9.0	122.0	3.0	16.7	0.0
UK	68.0	56.0	8.3	1.0	1.9	0.9	0.0

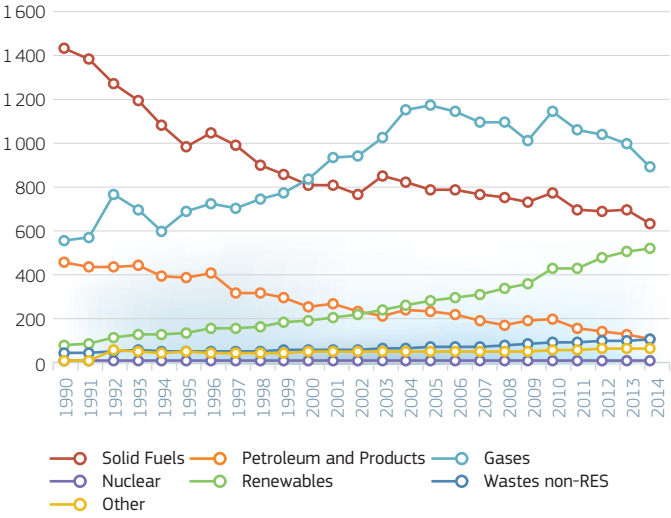
Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

2.9.1 Gross Heat Generation

TOTAL – EU-28 – 1990-2014 (PJ – GCV)



GROSS HEAT GENERATION – BY FUEL – 1990-2014 (PJ – GCV)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

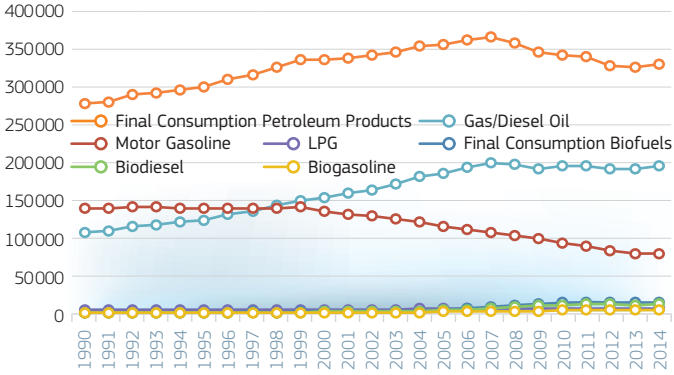
2.10 Transport

2.10.1 Fuels Final Consumption

PETROLEUM PRODUCTS AND BIOFUELS – EU-28

ktoe	Final Consumption Petroleum Products	Gas/Diesel Oil	Motor Gasoline	LPG	Final Consumption Biofuels	Biodiesel	Biogasoline
1990	278145	105843	138238	2706	6	6	0
1991	280264	108498	138712	2620	6	6	0
1992	289556	113932	140945	2477	22	15	5
1993	292956	116788	140416	2592	52	25	24
1994	296399	120117	139014	2773	139	111	25
1995	300387	123436	138159	3046	216	187	24
1996	310455	130056	139720	3182	317	274	39
1997	316052	133918	139232	3470	432	368	55
1998	327291	142150	139526	3552	408	335	63
1999	336595	148388	140127	3531	455	383	60
2000	337138	153117	134043	3653	709	636	58
2001	339509	158754	131701	3872	836	752	65
2002	342376	163945	129675	4132	1109	930	158
2003	346794	171738	124667	4292	1420	1168	241
2004	356026	181161	120828	4632	1927	1603	304
2005	357841	186005	115286	4775	3198	2470	574
2006	363211	193378	111204	4937	5365	3898	876
2007	367119	199154	107409	4898	7682	5896	1163
2008	359803	197892	101743	5050	9863	7789	1813
2009	346295	192296	97576	5267	11707	9381	2269
2010	343450	195506	91771	5311	13102	10259	2805
2011	340728	195304	87968	5499	13615	10743	2860
2012	329107	191150	82002	5455	14313	11481	2821
2013	326545	191392	79224	5762	12939	10275	2659
2014	330493	195107	79000	5812	14007	11342	2657

EU-28 – FUELS CONSUMPTION IN THE TRANSPORT SECTOR – 1990-2014 (ktoe)



Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.10.2 Biofuels

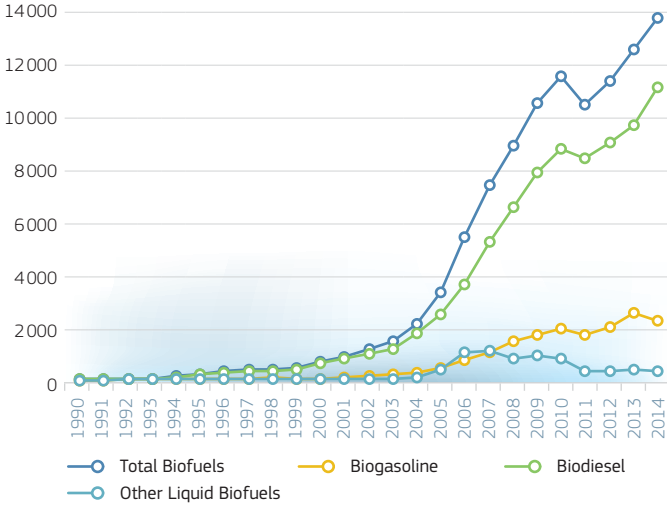
BY FUEL – EU-28

	Production			Share in Transport Fuels		
	Total Biofuels	Biodiesel	Biogasoline	Total Biofuels	of Biogasoline in Motor Gasoline	of Biodiesel in Gas/Diesel Oil
	ktoe			%		
1990	6	6	0	0.0 %	0.0 %	0.0 %
1991	7	7	0	0.0 %	0.0 %	0.0 %
1992	20	16	2	0.0 %	0.0 %	0.0 %
1993	48	25	18	0.0 %	0.0 %	0.0 %
1994	135	95	25	0.0 %	0.0 %	0.1 %
1995	222	188	24	0.1 %	0.0 %	0.2 %
1996	313	268	39	0.1 %	0.0 %	0.2 %
1997	401	338	53	0.1 %	0.0 %	0.3 %
1998	383	310	63	0.1 %	0.0 %	0.2 %
1999	441	369	58	0.1 %	0.0 %	0.3 %
2000	709	634	59	0.2 %	0.0 %	0.4 %
2001	886	789	70	0.2 %	0.0 %	0.5 %
2002	1 186	997	159	0.3 %	0.1 %	0.6 %
2003	1 472	1 183	239	0.4 %	0.2 %	0.7 %
2004	2 146	1 772	266	0.5 %	0.3 %	0.9 %
2005	3 373	2 499	480	0.9 %	0.5 %	1.3 %
2006	5 486	3 674	741	1.5 %	0.8 %	2.0 %
2007	7 490	5 326	1 035	2.0 %	1.1 %	2.9 %
2008	8 991	6 655	1 512	2.7 %	1.8 %	3.8 %
2009	10 637	7 985	1 706	3.3 %	2.3 %	4.7 %
2010	11 695	8 907	1 965	3.7 %	3.0 %	5.0 %
2011	10 562	8 487	1 749	3.8 %	3.1 %	5.2 %
2012	11 460	9 102	2 033	4.2 %	3.3 %	5.7 %
2013	12 723	9 781	2 550	3.8 %	3.2 %	5.1 %
2014	13 889	11 249	2 296	4.1 %	3.3 %	5.5 %

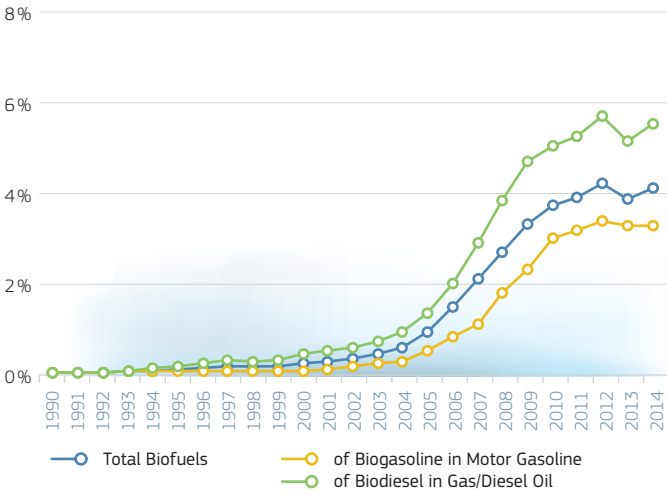
Source: Eurostat, June 2016
Methodology and Notes: See Appendix 13 – No 2

2.10.2 Biofuels

PRODUCTION BIOFUELS – EU-28 – 1990-2014 (ktoe)



BIOFUELS SHARE IN TRANSPORT FUELS – EU-28 – 1990-2014 (%)



Source: Eurostat, June 2016
Methodology and Notes: **See Appendix 13 – No 2**

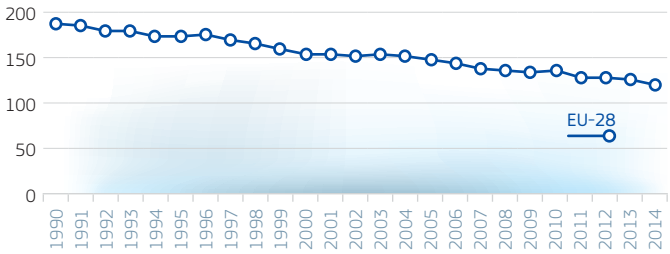
2.11 Energy Efficiency

2.11.1 Energy Intensity

ALL FUELS

toe/M€ '2010	1995	2000	2005	2010	2013	2014
EU-28	174	155	150	138	128	122
Index 1995	100%	89%	86%	79%	74%	70%
BE	199	190	173	168	152	142
BG	946	758	609	471	431	449
CZ	398	359	325	286	268	259
DK	104	88	81	83	75	69
DE	159	145	141	129	120	114
EE	698	467	375	418	396	386
IE	145	117	96	91	79	74
EL	150	149	137	128	132	132
ES	144	142	141	121	116	112
FR	158	145	144	134	126	120
HR	263	239	223	209	198	189
IT	115	112	117	111	104	98
CY	168	170	150	143	124	130
LV	485	315	253	260	221	215
LT	592	386	330	242	209	203
LU	148	121	137	117	103	97
HU	378	315	278	262	227	219
MT	175	149	163	142	121	119
NL	168	141	142	136	127	120
AT	124	114	124	117	110	106
PL	518	359	321	278	251	234
PT	151	151	157	135	134	131
RO	551	442	357	282	243	235
SI	268	231	220	203	196	185
SK	503	437	356	265	238	221
FI	238	205	192	198	182	186
SE	205	163	149	138	128	123
UK	168	149	132	117	106	96

ENERGY INTENSITY – ALL FUELS – 1990-2014 (toe/M€ '2010)



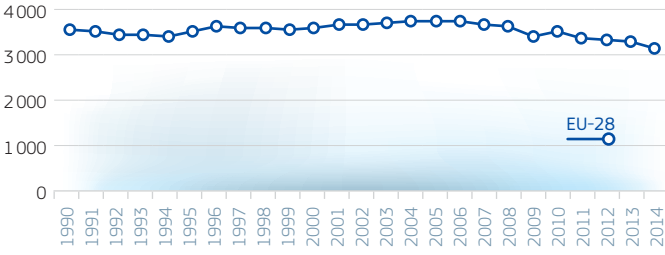
Source: Eurostat, DG Economic and Financial Affairs, May 2015
Methodology and Notes: See Appendix 13 – No 2

2.11.2 Energy Consumption per Capita

GROSS INLAND CONSUMPTION – ALL FUELS

kgoe/cap	1995	2000	2005	2010	2013	2014
EU-28	3477	3554	3702	3505	3290	3168
Index 1995	100 %	102 %	106 %	101 %	95 %	91 %
BE	5314	5795	5655	5643	5064	4763
BG	2692	2261	2569	2395	2300	2447
CZ	4037	3998	4424	4270	4012	3944
DK	3873	3703	3614	3621	3251	3004
DE	4190	4166	4144	4070	3956	3875
EE	3815	3549	4132	4613	5077	5112
IE	3076	3819	3713	3333	2984	2945
EL	2265	2626	2863	2594	2208	2236
ES	2595	3087	3331	2802	2554	2509
FR	4076	4254	4406	4131	3947	3771
HR	1686	1872	2269	2191	2014	1930
IT	2846	3061	3284	3006	2673	2485
CY	3045	3495	3464	3345	2523	2592
LV	1849	1622	2041	2183	2207	2224
LT	2371	2011	2596	2160	2250	2275
LU	8194	8427	10407	9244	8078	7668
HU	2533	2475	2735	2568	2289	2306
MT	2044	2107	2414	2261	2072	2083
NL	4889	4923	5178	5193	4793	4564
AT	3413	3627	4170	4113	3985	3841
PL	2562	2317	2416	2648	2574	2481
PT	2062	2467	2618	2297	2136	2119
RO	2039	1632	1834	1764	1620	1619
SI	3052	3245	3667	3587	3338	3242
SK	3308	3390	3542	3312	3141	2988
FI	5759	6272	6595	6940	6289	6346
SE	5838	5518	5659	5437	5142	4994
UK	3836	3922	3888	3399	3164	2942

ENERGY CONSUMPTION PER CAPITA – ALL FUELS – 1990-2014 (kgoe/cap)



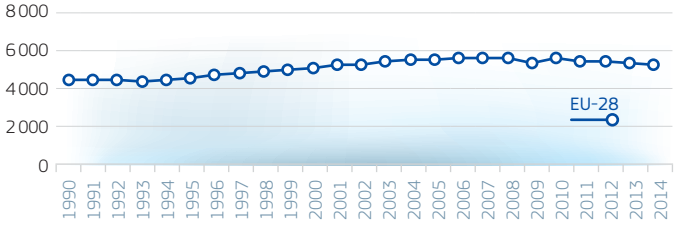
Source: Eurostat, DG Economic and Financial Affairs, May 2015
Methodology and Notes: **See Appendix 13 – No 2**

2.11.3 Final Electricity Consumption per Capita

ALL FUELS

kWh/cap	1995	2000	2005	2010	2013	2014
EU-28	4688	5195	5631	5648	5469	5338
Index 1995	100%	111%	120%	120%	117%	114%
BE	6757	7573	7678	7686	7324	7190
BG	3404	2961	3345	3652	3780	3819
CZ	4653	4804	5421	5468	5391	5346
DK	5922	6089	6184	5792	5571	5442
DE	5534	5884	6330	6509	6379	6350
EE	3146	3579	4445	5181	5166	5248
IE	4128	5371	5923	5588	5271	5241
EL	3235	4005	4640	4777	4434	4530
ES	3582	4706	5595	5266	4924	4878
FR	5780	6357	6735	6868	6718	6303
HR	2129	2631	3344	3686	3536	3493
IT	4192	4795	5199	5057	4815	4631
CY	3444	4339	5402	5960	4528	4621
LV	1786	1880	2547	2931	3249	3289
LT	1744	1764	2377	2652	3013	3138
LU	12316	13319	13334	13156	11558	11330
HU	2684	2880	3203	3416	3519	3513
MT	3408	4122	4614	4480	4699	4777
NL	5245	6020	6419	6516	6220	6039
AT	5881	6441	7001	7222	7219	7108
PL	2325	2578	2761	3131	3260	3311
PT	2878	3744	4414	4718	4315	4334
RO	1601	1511	1817	2036	2029	2101
SI	4696	5293	6379	5835	6061	6045
SK	4057	4077	4253	4477	4636	4460
FI	12791	14635	15420	15603	14731	14517
SE	14129	14526	14504	14048	13083	12669
UK	5086	5611	5797	5262	4962	4717

FINAL ELECTRICITY CONSUMPTION PER CAPITA – ALL FUELS – 1990-2014 (kWh/cap)



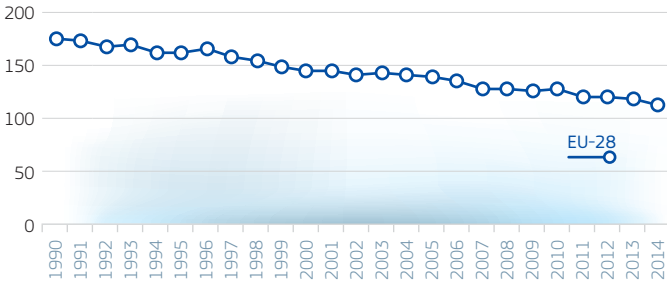
Source: Eurostat, DG Economic and Financial Affairs, May 2015
Methodology and Notes: See Appendix 13 – No 2

2.11.4 Primary Energy Intensity

ALL FUELS

toe/M€ '2010	1995	2000	2005	2010	2013	2014
EU-28	163	145	140	129	121	114
Index 1995	100 %	89 %	86 %	80 %	74 %	70 %
BE	178	168	151	148	131	119
BG	895	718	583	460	419	436
CZ	376	341	304	268	252	241
DK	102	86	80	82	74	68
DE	148	135	131	120	112	106
EE	675	450	359	412	386	380
IE	137	111	92	89	77	73
EL	147	145	133	123	128	128
ES	133	132	133	114	112	108
FR	147	136	135	126	119	113
HR	236	220	207	196	185	177
IT	108	107	111	105	99	94
CY	162	164	146	139	123	128
LV	480	309	247	256	216	211
LT	555	349	299	217	178	171
LU	146	119	136	117	103	96
HU	354	295	256	242	212	204
MT	175	149	159	140	120	118
NL	143	119	116	112	105	98
AT	118	108	118	110	104	100
PL	498	342	305	265	238	221
PT	136	137	143	125	126	122
RO	536	419	335	271	232	224
SI	263	223	211	197	192	181
SK	477	404	332	249	223	208
FI	229	199	186	192	176	179
SE	197	157	143	132	123	118
UK	159	142	125	113	102	93

PRIMARY ENERGY INTENSITY – ALL FUELS – 1990-2014 (toe/M€ '2010)



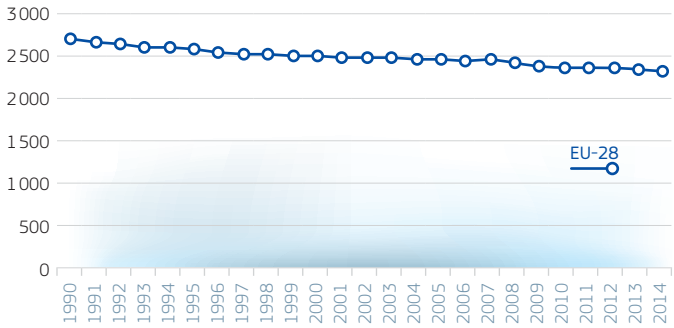
Source: Eurostat, DG Economic and Financial Affairs, May 2015
Methodology and Notes: See Appendix 13 – No 2

2.11.5 Carbon Intensity

ALL FUELS

kg CO_2/toe	1995	2000	2005	2010	2013	2014
EU-28	2565	2477	2417	2308	2271	2244
Index 1995	100%	97%	94%	90%	89%	87%
BE	2386	2208	2178	1935	1869	1881
BG	2568	2445	2565	2706	2564	2571
CZ	3202	3147	2843	2669	2600	2515
DK	3195	2912	2801	2600	2446	2402
DE	2789	2682	2599	2571	2654	2611
EE	3259	3058	2935	2918	2932	2831
IE	3339	3259	3310	2897	2856	2865
EL	3753	3729	3680	3437	3514	3375
ES	2674	2602	2639	2275	2224	2289
FR	1699	1669	1596	1522	1476	1419
HR	2250	2421	2474	2327	2220	2249
IT	2800	2716	2631	2464	2328	2332
CY	3410	3304	3470	3227	3307	3442
LV	1997	1858	1741	1923	1730	1691
LT	1752	1681	1617	2028	1974	1937
LU	2934	2682	2807	2717	2639	2627
HU	2364	2333	2213	2053	1958	1936
MT	3500	3443	3069	3199	3195	3178
NL	2404	2334	2235	2242	2190	2198
AT	2417	2342	2384	2171	2077	2027
PL	3690	3609	3516	3357	3309	3314
PT	2722	2686	2606	2272	2250	2276
RO	2762	2579	2591	2244	2278	2291
SI	2525	2407	2321	2238	2215	2030
SK	2524	2251	2245	2153	2087	2068
FI	2017	1794	1689	1766	1578	1434
SE	1180	1159	1094	1086	959	948
UK	2603	2552	2546	2524	2500	2454

CARBON INTENSITY – ALL FUELS – 1990-2014 (kg CO_2/toe)



Sources: EEA/UNFCCC – June 2016, Eurostat – June 2016
Methodology and Notes: See Appendix 13 – No 2

2.12 RES Indicators

2.12.1 RES Shares*

OVERALL AND HEATING & COOLING

	Overall RES with Aviation Cap**				RES-H&C – Heating and Cooling			
%	2005	2010	2013	2014	2005	2010	2013	2014
EU-28	9.0	12.8	15.0	16.0	10.8	14.8	16.6	17.7
BE	2.3	5.5	7.5	8.0	3.4	5.8	7.5	7.8
BG	9.4	14.1	19.0	18.0	14.3	24.4	29.2	28.3
CZ	6.0	9.5	12.4	13.4	9.1	12.6	15.4	16.7
DK	16.0	22.1	27.3	29.2	22.8	30.9	34.9	37.8
DE	6.7	10.5	12.4	13.8	6.8	9.8	10.6	12.2
EE	17.5	24.6	25.6	26.5	32.2	43.3	43.2	45.2
IE	2.9	5.6	7.7	8.6	3.5	4.5	5.4	6.6
EL	7.0	9.8	15.0	15.3	12.8	17.8	26.5	26.9
ES	8.4	13.8	15.3	16.2	9.4	12.6	14.1	15.8
FR	9.6	12.6	14.0	14.3	12.3	15.9	17.8	17.8
HR	23.8	25.1	28.1	27.9	30.0	32.8	37.2	36.2
IT	7.5	13.0	16.7	17.1	8.2	15.6	18.1	18.9
CY	3.1	6.0	8.1	9.0	10.0	18.2	21.7	21.8
LV	32.3	30.4	37.1	38.7	42.7	40.7	49.7	52.2
LT	17.0	19.8	23.0	23.9	30.1	33.2	37.7	41.6
LU	1.4	2.9	3.6	4.5	3.6	4.8	5.8	7.4
HU	4.5	8.6	9.5	9.5	6.0	11.0	12.6	12.4
MT	0.2	1.1	3.7	4.7	2.2	7.4	14.6	14.6
NL	2.5	3.9	4.8	5.5	2.4	3.1	4.1	5.2
AT	23.8	30.6	32.3	33.1	22.1	29.8	32.7	32.6
PL	6.9	9.2	11.3	11.4	10.2	11.7	14.1	13.9
PT	19.5	24.2	25.7	27.0	32.1	33.9	34.5	34.0
RO	17.6	23.4	23.9	24.9	18.0	27.2	26.2	26.8
SI	16.0	20.5	22.5	21.9	18.9	28.3	33.7	33.3
SK	6.4	9.1	10.1	11.6	5.0	7.9	7.9	8.7
FI	28.8	32.4	36.7	38.7	39.1	44.3	50.8	51.9
SE	40.6	47.2	52.0	52.6	51.9	60.9	67.1	68.1
UK	1.4	3.7	5.6	7.0	0.8	2.8	3.8	4.5

* Of the Gross Final Energy.
** Break in Series Between 2010 and 2011 due to the Application of the Biofuels Compliance Rules.

Source: Eurostat, April 2015
Methodology and Notes: **See Appendix 13 – No 2**

2.12.1 RES Shares*

ELECTRICITY AND TRANSPORT

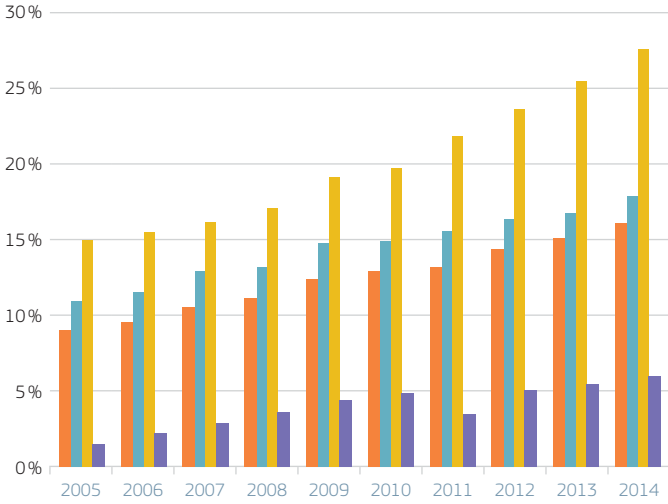
	RES-E – Electricity Generation				RES-T – Transport**			
%	2005	2010	2013	2014	2005	2010	2013	2014
EU-28	14.9	19.7	25.4	27.5	1.4	4.8	5.4	5.9
BE	2.4	7.1	12.4	13.4	0.2	4.2	4.3	4.9
BG	9.3	12.7	18.9	18.9	0.3	1.0	5.6	5.3
CZ	3.7	7.5	12.8	13.9	0.5	4.5	5.6	6.1
DK	24.6	32.7	43.1	48.5	0.2	0.9	5.7	5.8
DE	10.5	18.1	25.3	28.2	3.7	6.0	6.4	6.6
EE	1.1	10.4	13.0	14.6	0.2	0.2	0.2	0.2
IE	7.2	14.5	20.8	22.7	0.0	2.4	4.9	5.2
EL	8.2	12.3	21.2	21.9	0.0	1.9	1.0	1.4
ES	19.1	29.8	36.7	37.8	1.0	4.7	0.5	0.5
FR	13.7	14.8	16.8	18.3	1.7	6.1	7.2	7.8
HR	35.8	37.6	42.2	45.3	0.4	0.6	2.2	2.1
IT	16.3	20.1	31.3	33.4	0.8	4.6	4.9	4.5
CY	0.0	1.4	6.6	7.4	0.0	2.0	1.1	2.7
LV	43.0	42.1	48.8	51.1	1.3	3.3	3.1	3.2
LT	3.8	7.4	13.1	13.7	0.5	3.6	4.6	4.2
LU	3.2	3.8	5.3	5.9	0.1	2.0	3.8	5.2
HU	4.4	7.1	6.6	7.3	0.4	5.4	5.6	6.9
MT	0.0	0.0	1.6	3.3	0.0	0.0	3.5	4.7
NL	6.3	9.6	10.0	10.0	0.2	3.0	4.6	5.7
AT	62.4	65.7	68.0	70.0	2.8	8.7	7.8	8.9
PL	2.7	6.6	10.7	12.4	1.0	6.2	6.0	5.7
PT	27.7	40.7	49.1	52.1	0.2	5.3	0.7	3.4
RO	28.8	30.4	37.5	41.7	1.0	3.2	4.6	3.8
SI	28.7	32.2	33.1	33.9	0.3	2.8	3.5	2.6
SK	15.7	17.8	20.8	23.0	1.1	4.8	5.3	6.9
FI	26.9	27.7	30.9	31.4	0.4	3.8	9.6	21.6
SE	50.9	56.0	61.8	63.3	3.8	7.2	17.0	19.2
UK	4.1	7.4	13.8	17.8	0.3	3.1	4.4	4.9

* Of the Gross Final Energy.
** Break in Series Between 2010 and 2011 due to the Application of the Biofuels Compliance Rules.

Source: Eurostat, April 2015
Methodology and Notes: See Appendix 13 – No 2

2.12.1 RES Shares*

IN THE GROSS FINAL ENERGY CONSUMPTION – EU-28 (%)



* Break in Series Between 2010 and 2011 due to the Application of the Biofuels Compliance Rules.

Source: Eurostat, April 2015
Methodology and Notes: **See Appendix 13 – No 2**

2.13 Energy Prices

2.13.1 Prices of Transport Fuels

AUTOMOTIVE DIESEL OIL – ALL TAXES INCLUDED

Current Prices (€/litre)	2007	2010	2013	2014	2015	2016*
BE	1.03	1.14	1.40	1.35	1.16	1.05
BG		0.98	1.33	1.30	1.13	0.93
CZ	1.03	1.21	1.39	1.32	1.15	0.98
DK	1.10	1.21	1.48	1.45	1.28	1.13
DE	1.16	1.20	1.43	1.36	1.18	1.04
EE	0.87	1.10	1.32	1.27	1.08	0.99
IE	1.08	1.22	1.51	1.46	1.26	1.11
EL	0.98	1.24	1.39	1.35	1.18	1.02
ES	0.97	1.07	1.36	1.31	1.12	0.97
FR	1.09	1.14	1.35	1.29	1.15	1.06
HR				1.30	1.16	1.03
IT	1.16	1.21	1.66	1.61	1.41	1.24
CY	0.91	1.00	1.41	1.42	1.23	1.09
LV	0.90	1.06	1.31	1.26	1.06	0.91
LT	0.88	1.02	1.32	1.27	1.07	0.91
LU	0.93	0.99	1.22	1.17	1.02	0.89
HU	1.05	1.16	1.44	1.35	1.16	1.01
MT	0.95	1.04	1.38	1.36	1.27	1.19
NL	1.10	1.15	1.42	1.41	1.24	1.09
AT	1.03	1.10	1.36	1.30	1.12	0.99
PL	0.99	1.06	1.30	1.25	1.08	0.89
PT	1.08	1.15	1.39	1.31	1.19	1.10
RO		1.03	1.32	1.37	1.20	1.03
SI	0.97	1.15	1.38	1.36	1.18	1.03
SK	1.11	1.11	1.39	1.34	1.14	0.99
FI	1.02	1.13	1.52	1.49	1.31	1.17
SE	1.13	1.25	1.65	1.54	1.37	1.31
UK	1.42	1.39	1.66	1.66	1.59	1.36

* Average 1 Jan –15 Jun.

Source: DG Energy, Member States
Methodology and Notes: See Appendix 13 – No 2

2.13.1 Prices of Transport Fuels

EURO-SUPER 95 – ALL TAXES INCLUDED

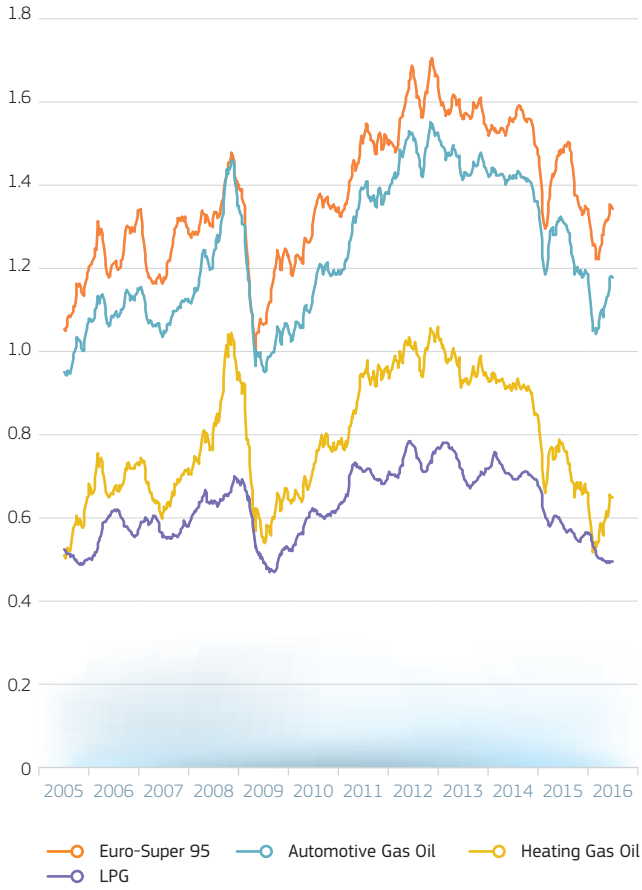
Current Prices (€/litre)	2007	2010	2013	2014	2015	2016*
BE	1.32	1.40	1.58	1.53	1.37	1.24
BG		1.02	1.32	1.28	1.10	0.96
CZ	1.06	1.25	1.40	1.32	1.15	1.02
DK	1.30	1.44	1.68	1.65	1.50	1.40
DE	1.34	1.39	1.60	1.54	1.40	1.28
EE	0.88	1.11	1.31	1.28	1.11	1.03
IE	1.12	1.30	1.59	1.53	1.37	1.26
EL	1.01	1.43	1.69	1.65	1.48	1.36
ES	1.05	1.16	1.43	1.39	1.23	1.13
FR	1.27	1.34	1.54	1.49	1.36	1.29
HR				1.38	1.26	1.16
IT	1.30	1.36	1.75	1.72	1.54	1.42
CY	0.95	1.04	1.38	1.41	1.23	1.13
LV	0.91	1.09	1.35	1.29	1.13	1.05
LT	0.90	1.18	1.38	1.32	1.16	1.04
LU	1.12	1.16	1.34	1.30	1.18	1.07
HU	1.10	1.22	1.41	1.33	1.16	1.04
MT	1.04	1.19	1.47	1.44	1.36	1.30
NL	1.46	1.49	1.74	1.70	1.56	1.45
AT	1.12	1.19	1.39	1.35	1.20	1.09
PL	1.11	1.13	1.31	1.26	1.11	0.96
PT	1.32	1.37	1.58	1.53	1.43	1.36
RO		1.06	1.28	1.34	1.20	1.07
SI	1.03	1.20	1.49	1.45	1.29	1.17
SK	1.11	1.25	1.49	1.45	1.29	1.18
FI	1.30	1.43	1.64	1.61	1.47	1.36
SE	1.24	1.34	1.67	1.57	1.41	1.39
UK	1.38	1.36	1.58	1.59	1.54	1.35

* Average 1 Jan – 15 Jun.

Source: DG Energy, Member States
Methodology and Notes: **See Appendix 13 – No 2**

2.13.1 Prices of Transport Fuels

CONSUMER PRICES OF PETROLEUM PRODUCTS
EU-28 WEIGHTED AVERAGE* (€ per LITRE)



* All Taxes Included.
Uncomplete EU-28 series for the period 2005-2013 due to later accession to the EU of Bulgaria, Croatia and Romania.

Source: DG Energy, Member States
Methodology and Notes: See Appendix 13 – No 2

2.13.2 Fuel Prices* – Domestic Consumers

GAS – BAND D2

20GJ < CONSUMPTION < 200GJ – 2ND SEMESTER**

€/GJ (GCV)	2008	2009	2010	2012	2014	2015
EU-28	17.22	14.60	15.73	19.44	19.97	19.64
BE	20.24	14.33	16.78	20.39	18.06	17.24
BG	10.86	9.67	11.98	15.44	13.44	10.86
CZ	14.69	13.11	14.35	18.36	15.63	16.21
DK	27.21	23.64	26.81	26.53	24.38	21.22
DE	21.17	16.35	15.86	18.01	18.93	18.93
EE	10.30	10.07	11.14	14.38	13.71	10.68
IE	18.05	15.29	14.63	18.68	20.70	20.11
EL				28.25	22.16	20.83
ES	18.14	14.88	15.00	23.98	26.64	25.85
FR	16.06	16.20	15.98	18.95	21.16	20.35
HR	7.70	9.10	10.54	13.11	13.20	12.76
IT	19.99	14.84	21.86	26.89	26.41	25.13
CY						
LV	13.88	10.52	11.28	15.57	13.56	13.47
LT	10.63	11.29	12.59	16.97	13.87	12.12
LU	14.28	12.82	13.13	16.49	14.27	13.40
HU	12.93	13.23	15.38	14.36	9.74	9.78
MT						
NL	21.04	18.76	18.48	23.46	22.78	21.43
AT	17.11	17.23	16.71	21.20	20.28	19.75
PL	14.30	12.78	14.04	16.00	13.90	13.84
PT	17.48	16.52	17.49	23.69	28.87	27.28
RO	9.33	7.45	7.73	7.61	8.85	9.45
SI	19.77	14.96	18.68	20.28	17.61	16.91
SK	12.92	13.21	12.39	14.29	14.42	13.74
FI						
SE	28.22	26.12	29.48	35.22	31.63	32.58
UK	13.29	11.84	11.72	16.05	17.94	18.56

* All Taxes and levies Included.
** Prices from second semester each year.

Source: Eurostat, June 2015
Methodology and Notes: **See Appendix 13 – No 2**

2.13.2 Fuel Prices* – Domestic Consumers

ELECTRICITY – BAND DC
2 500 kWh < CONSUMPTION < 5 000 kWh
2ND SEMESTER**

€/100 kWh	2008	2009	2010	2012	2014	2015
EU-28	16.63	16.35	17.27	19.65	20.56	21.05
BE	21.52	18.64	19.74	22.23	20.43	23.52
BG	8.23	8.18	8.30	9.55	8.95	9.57
CZ	12.99	13.94	13.92	15.01	12.74	12.93
DK	27.85	25.55	27.08	29.72	30.35	30.42
DE	21.95	22.94	24.38	26.76	29.74	29.46
EE	8.50	9.20	10.04	11.23	13.25	12.91
IE	20.33	18.55	18.75	22.89	25.36	24.54
EL	10.99	10.32	12.11	14.18	17.85	17.71
ES	15.57	16.84	18.51	22.75	23.67	23.70
FR	12.03	12.07	13.50	15.01	16.20	16.75
HR	11.84	11.64	11.53	13.84	13.24	13.12
IT	22.27	19.97	19.20	22.97	23.38	24.28
CY	20.40	16.42	20.21	29.09	23.56	18.38
LV	10.03	10.54	10.48	13.69	13.01	16.50
LT	8.65	9.26	12.16	12.68	13.19	12.43
LU	16.09	18.82	17.47	17.06	17.38	17.67
HU	15.53	16.62	15.74	16.18	11.46	11.45
MT	15.36	15.13	16.53	16.78	12.48	12.67
NL	17.98	18.87	17.62	18.95	17.32	18.33
AT	17.72	19.09	19.30	20.24	19.87	19.83
PL	12.95	12.91	13.82	15.29	14.08	14.18
PT	15.25	15.94	16.66	20.63	22.31	22.85
RO	11.03	9.79	10.52	10.75	12.48	13.19
SI	11.56	13.41	14.26	15.42	16.32	16.31
SK	15.26	15.60	16.37	17.22	15.23	15.17
FI	12.73	12.89	13.70	15.59	15.38	15.30
SE	17.46	16.46	19.58	20.83	18.67	18.74
UK	16.03	14.07	14.49	17.85	20.13	21.83

* All Taxes and levies Included.
** Prices from second semester each year.

Source: Eurostat, June 2015
Methodology and Notes: See Appendix 13 – No 2

2.13.3 Fuel Prices* – Industrial Consumers

GAS – BAND I3
10 000 GJ < CONSUMPTION < 100 000 GJ
2ND SEMESTER**

€/GJ (GCV)	2008	2009	2010	2012	2014	2015
EU-28	10.91	8.35	9.16	10.64	10.26	9.56
BE	10.79	8.50	8.20	9.64	8.13	7.94
BG	7.43	5.96	8.41	11.10	9.48	7.49
CZ	10.95	7.56	10.07	9.39	8.45	8.17
DK	9.20	6.85	10.72	11.79	10.27	9.54
DE	13.81	9.61	11.09	10.67	11.15	10.47
EE	8.76	6.39	7.85	9.95	10.24	7.54
IE	10.99	7.31	8.80	11.77	11.57	10.28
EL				16.09	12.96	10.00
ES	9.03	7.53	8.08	10.41	10.39	8.81
FR	10.85	8.80	9.69	11.19	10.52	10.19
HR	6.41	7.43	10.95	12.83	11.15	9.74
IT	11.32	7.83	8.34	11.00	9.58	8.87
CY						
LV	11.01	7.69	8.84	11.06	9.89	8.17
LT	12.14	7.55	9.40	12.80	10.40	6.05
LU	11.33	10.03	11.72	14.21	10.94	10.33
HU	11.71	10.06	9.93	12.93	10.81	9.38
MT						
NL	10.37	10.21	9.02	10.15	9.26	8.79
AT		9.07	9.78	12.06	11.13	10.50
PL	9.33	8.36	9.02	10.41	10.12	9.39
PT	9.21	7.22	9.28	11.66	12.33	10.52
RO	7.76	5.93	6.11	7.33	8.54	8.05
SI	12.66	9.61	11.81	15.30	12.16	10.57
SK	13.12	8.91	10.22	11.46	10.45	9.63
FI	9.30	8.00	9.13	13.22	12.98	11.73
SE	14.55	12.47	13.43	15.27	12.26	11.61
UK	8.69	6.06	6.33	9.38	9.65	9.75

* Excluding VAT and other recoverable taxes and levies.
** Prices from second semester each year.

Source: Eurostat, June 2015
Methodology and Notes: **See Appendix 13 – No 2**

2.13.3 Fuel Prices* – Industrial Consumers

ELECTRICITY – BAND IC
500 MWh < CONSUMPTION < 2 000 MWh
2ND SEMESTER**

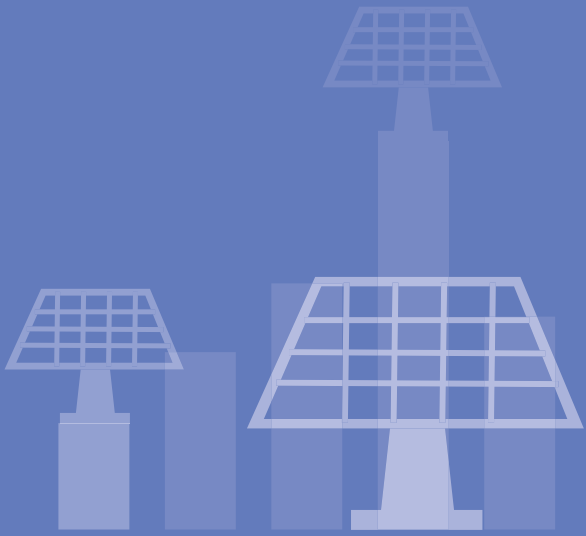
€/100 kWh	2008	2009	2010	2012	2014	2015
EU-28	10.27	10.25	10.51	11.58	12.04	11.88
BE	9.61	10.79	10.54	11.07	10.86	10.81
BG	6.49	6.39	6.64	7.76	7.57	7.82
CZ	11.21	11.22	10.81	10.29	8.19	7.83
DK	10.18	9.20	9.61	9.93	9.72	9.06
DE	10.78	11.34	11.90	12.97	15.20	14.93
EE	6.01	6.45	7.27	8.18	9.31	9.58
IE	14.19	11.75	11.31	13.96	13.57	13.57
EL	9.20	9.36	10.26	12.22	12.98	11.49
ES	10.68	11.20	10.93	11.96	11.67	11.33
FR	6.17	6.48	7.16	7.95	9.31	9.49
HR	9.47	9.04	9.04	9.40	9.18	9.28
IT	15.00	13.70	14.43	17.78	17.35	15.97
CY	18.07	14.94	17.30	23.42	19.03	14.12
LV	7.97	8.93	9.07	11.10	11.83	11.83
LT	8.38	7.90	10.46	11.44	11.71	9.97
LU	9.79	11.58	10.24	10.13	9.87	8.93
HU	12.18	12.97	10.53	9.99	8.99	8.70
MT	16.19	12.91	18.10	18.10	17.80	13.73
NL	10.37	11.02	9.75	9.66	8.88	8.35
AT	10.72	11.62	11.28	11.16	10.55	10.47
PL	9.10	9.33	9.87	9.56	8.33	8.61
PT	9.01	9.44	9.20	11.48	11.87	11.54
RO	9.50	8.28	8.08	7.64	8.07	8.02
SI	9.85	9.62	10.05	9.41	8.47	8.70
SK	12.89	14.03	11.98	12.71	11.74	11.22
FI	6.74	6.83	6.83	7.44	7.22	7.06
SE	7.73	6.89	8.41	7.76	6.66	5.90
UK	10.88	10.12	10.00	11.93	13.38	15.20

* Excluding VAT and other recoverable taxes and levies.
** Prices from second semester each year.

Source: Eurostat, June 2015
Methodology and Notes: See Appendix 13 – No 2

Socio-Economic Indicators in the EU

PART 3



Summary

3.1 Classification of the Energy Sector*

3.1.1 Comparative Table

EUROSTAT (NACE) AND UN (ISIC) CLASSIFICATIONS

NACE rev 2	ISIC 4
B05: Mining of Coal and Lignite	
05.10: Mining of Hard Coal	05.10
05.20: Mining of Lignite	05.20
B06: Extraction of Crude Petroleum and Natural Gas	
06.10: Extraction of Crude Petroleum	06.10
06.20: Extraction of Natural Gas	06.20
B07: Mining of Metal Ores	
07.21: Mining of Uranium and Thorium Ores	07.21
B08: Other Mining and Quarrying	
08.92: Extraction of Peat	08.92
B09: Mining Support Service Activities	
09.10: Support Activities for Petroleum and Natural Gas Extraction	09.10
C19: Manufacture of Coke and Refined Petroleum Products	
19.10: Manufacture of Coke Oven Products	19.10
19.20: Manufacture of Refined Petroleum Products	19.20
D35: Electricity, Gas, Steam and Air Conditioning Supply	
35.11: Production of Electricity	35.10
Power Generation, Hydroelectric	
Power Generation, Fossil Fuel	
Power Generation, Nuclear	
Electric Power Generation, Solar	
Electric Power Generation, Wind	
Electric Power Generation, Geothermal	
Electric Power Generation, Biomass	
Electric Power Generation, Tidal	
35.12: Transmission of Electricity	
35.13: Distribution of Electricity	
35.14: Trade of Electricity	
35.21: Manufacture of Gas	35.20
35.22: Distribution of Gaseous Fuels through Mains	
35.23: Trade of Gas through Mains	
35.30: Steam and Air Conditioning Supply	35.30

* Broad Definition, The Narrow Definition only Includes Division D35.

Sources: Eurostat, UN, June 2016
Methodology and Notes: **See Annex 13 – No 3**

3.2 Employment

3.2.1 Total Persons Employed in the Energy Sector (15-64 years)

MEMBER STATES DATA – EU-28

Thousands	2008	2010	2012	2014	2015
B05 Mining of coal and lignite	342.5	331.2	328.8	313.5	294.4
B06 Extraction of crude petroleum and natural gas	98.9	103.8	96.3	97.6	88.5
B0892 Extraction of peat*	*12.5*	*12.1*	*11.6*	*11.2*	*11.6*
B091 Support activities for petroleum and natural gas extraction*	*47.3*	*50.6*	*53.2*	*56.1*	*57.0*
C19 Manufacture of coke and refined petroleum products	243.2	218.7	205.9	198.6	189.8
D35 Electricity, gas, steam and air conditioning supply	1 545.0	1 645.4	1 652.6	1 582.7	1 550.4
Broad Sector Total Employment**	2 289.5	2 361.8	2 348.4	2 259.7	2 191.7

* According to the Structural Business Survey (SBS), April 2016, and DG ENERGY estimates.
** Estimate of total employment as a sum of available and uncomplete figures presented in the table.
Italics: DG Energy Estimations.

Sources: Eurostat, Labour Force Survey (LFS), April 2016
Methodology and Notes: See Annex 13 – No 3

3.2.2 Employment Rate in all Economic Sectors

MEMBER STATES' DATA – ALL SECTORS (15-64 YEARS)

%	2000	2005	2010	2012	2014	2015
EU-28		63.4	64.1	64.1	64.9	65.6
BE	60.5	61.1	62.0	61.8	61.9	61.8
BG	50.4	55.8	59.8	58.8	61.0	62.9
CZ	65.0	64.8	65.0	66.5	69.0	70.2
DK	76.3	75.9	73.3	72.6	72.8	73.5
DE	65.4	65.5	71.3	73.0	73.8	74.0
EE	60.3	64.8	61.2	67.1	69.6	71.9
IE	65.2	67.6	59.6	58.8	61.7	63.3
EL	56.5	59.6	59.1	50.8	49.4	50.8
ES	56.3	63.6	58.8	55.8	56.0	57.8
FR	62.4	63.8	64.0	64.0	64.3	64.2
HR	62.4	63.8	64.0	64.0	64.3	55.8
IT		55.0	57.4	53.5	54.6	56.3
CY	53.7	57.6	56.8	56.6	55.7	62.7
LV		68.5	68.9	64.6	62.1	68.1
LT	57.6	62.1	58.5	63.0	66.3	67.2
LU	59.1	62.9	57.6	62.0	65.7	66.1
HU	62.0	63.6	65.2	65.8	66.6	63.9
MT	56.3	56.9	54.9	56.7	61.8	63.9
NL	54.0	53.6	56.2	59.1	62.4	74.1
AT	72.9	73.2	74.7	74.4	73.1	71.1
PL	68.5	67.4	70.8	71.4	71.1	62.9
PT	55.0	52.8	58.9	59.7	61.7	63.9
RO	68.4	67.3	65.3	61.4	62.6	61.4
SI	63.0	57.6	60.2	60.2	61.0	65.2
SK	62.8	66.0	66.2	64.1	63.9	62.7
FI	56.8	57.7	58.8	59.7	61.0	68.5
SE	67.2	68.4	68.1	69.4	68.7	75.5
UK	71.8	72.3	72.1	73.8	74.9	72.7

Sources: Eurostat, Labour Force Survey (LFS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.2.3 Unemployment Rate in all Economic Sectors*

MEMBER STATES' DATA – ALL SECTORS

%	2000	2005	2010	2012	2014	2015
EU-28	8.9	9.0	9.6	10.5	10.2	9.4
BE	6.9	8.5	8.3	7.6	8.5	8.5
BG	16.4	10.1	10.3	12.3	11.4	9.2
CZ	8.8	7.9	7.3	7.0	6.1	5.1
DK	4.3	4.8	7.5	7.5	6.6	6.2
DE	7.9	11.2	7.0	5.4	5.0	4.6
EE	14.6	8.0	16.7	10.0	7.4	6.2
IE	4.3	4.4	13.9	14.7	11.3	9.4
EL	11.2	10.0	12.7	24.5	26.5	24.9
ES	11.9	9.2	19.9	24.8	24.5	22.1
FR	8.6	8.9	9.3	9.8	10.3	10.4
HR	15.8	13.0	11.7	16.0	17.3	16.3
IT	10.0	7.7	8.4	10.7	12.7	11.9
CY	4.8	5.3	6.3	11.9	16.1	15.0
LV	14.3	10.0	19.5	15.0	10.8	9.9
LT	16.4	8.3	17.8	13.4	10.7	9.1
LU	2.2	4.6	4.6	5.1	6.0	6.4
HU	6.3	7.2	11.2	11.0	7.7	6.8
MT	6.7	6.9	6.9	6.3	5.8	5.4
NL	3.7	5.9	5.0	5.8	7.4	6.9
AT	3.9	5.6	4.8	4.9	5.6	5.7
PL	16.1	17.9	9.7	10.1	9.0	7.5
PT	5.1	8.8	12.0	15.8	14.1	12.6
RO	7.6	7.1	7.0	6.8	6.8	6.8
SI	6.7	6.5	7.3	8.9	9.7	9.0
SK	18.9	16.4	14.5	14.0	13.2	11.5
FI	9.8	8.4	8.4	7.7	8.7	9.4
SE	5.6	7.7	8.6	8.0	7.9	7.4
UK	5.4	4.8	7.8	7.9	6.1	5.3

* Percentage of active population.

Sources: Eurostat, Labour Force Survey (LFS), April 2016
Methodology and Notes: See Annex 13 – No 3

3.3 Enterprises in the Energy Sector

3.3.1 Number of Enterprises in the Energy Sector

ENTERPRISES SURVEY – EU-28

	2012	2013	2014*
B05: Mining of Coal and Lignite	218	236	190
B06: Extraction of Crude Petroleum and Natural Gas	395	416	427
B07.21: Mining of Uranium and Thorium Ores	*4*	5	*5*
B08.92: Extraction of Peat	921	917	*917*
B09.1: Support Activities for Petroleum and Natural Gas Extraction	965	1 050	*1 050*
C19: Manufacture of Coke and Refined Petroleum Products	1 153	1 108	1 091
D35: Electricity, Gas, Steam and Air Conditioning Supply	70 066	78 601	85 665
D35.1: Electricity	63 000	70 000	80 000
35.11: Production of Electricity	57 739	65 958	
35.12: Transmission of Electricity	*229*	*327*	
35.13: Distribution of Electricity	2 223	2 070	
35.14: Trade of Electricity	3 050	3 472	
D35.2: Gas	1 815	1 857	1 947
35.21: Manufacture of Gas	287	341	
35.22: Distribution of Gaseous Fuels through Mains	787	726	
35.23: Trade of Gas through Mains	735	785	
D35.3: Steam and Air Conditioning	4 980	5 000	5 030
35.30: Steam and Air Conditioning Supply	5 000	5 000	
Broad Sector – Total	73 722	82 333	*89 345*

* Provisional data.
Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.3.1 Number of Enterprises in the Energy Sector

ENTERPRISES SURVEY

	Mining of Coal and Lignite (B05)				Extraction of Crude Petroleum and Natural Gas (B06)			
	2008	2010	2013	2014*	2008	2010	2013	2014*
EU-28	*298*	*222*	236	190	*315*	*314*	416	427
BE	0		0	0		0	0	0
BG	23	23	24	24	9	7	6	7
CZ		12	12	11		5	5	5
DK	0	0	0	0	10	9	10	11
DE	7	6	5	5	4	4	4	4
EE	0	0	0	0	1	1	2	2
IE								
EL	4							
ES	110	48	56	25	4	4		18
FR	10	6		0	61	32	58	50
HR	0	1	0	0	7	4	4	4
IT					5	3	12	
CY	0	0	0	0	0	0	0	0
LV	3	0	0	0	0	1	1	1
LT	0	0	0	0	4	4	4	4
LU	0	0	0	0	0	0	0	0
HU	12	9	17	14	10	13	10	9
MT	0	0	0	0	0	0	0	0
NL		0	0	0	45	48	45	43
AT	0	0	0	0	2	2	2	3
PL	44	48	57	58	28	54	52	55
PT	0	0	0	0	0	0	0	0
RO	38	35	35	32	10	21	34	38
SI	2	2	1	1	1	1	1	1
SK						0		
FI	0	0	0	0	0	0	0	0
SE				0				0
UK	22	23	20		105	98	158	145

* Provisional data.
Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: See Annex 13 – No 3

3.3.1 Number of Enterprises in the Energy Sector

ENTERPRISES SURVEY

	Extraction of Peat (B08.92)				Support Activities for Petroleum and Natural Gas Extraction (B09.1)			
	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*1 011*	*936*	917		*830*	*896*	1 050	
BE	0	0	0	0				
BG		10	10	3	4	6	11	12
CZ							5	5
DK	7	4	2	3	47	35	52	55
DE	90	74	83	87				
EE	38	39	42	41	0	0	0	0
IE						0		
EL		0	0					
ES	6	6	5	5	24		48	
FR		23	21	19		36	45	52
HR	2	0	0	0	8	7	6	4
IT	0	12	4				42	
CY	0	0	0	0	0	0		
LV	54	49	50	65	0	0	1	1
LT	20	24	25	26	0	0	0	0
LU	0	0	0	0	0	0	0	0
HU		15	15		29	40	35	32
MT	0	0	0	0				
NL	8	7	7	6	103	116	201	228
AT	7	7	6	5	6	8	8	9
PL	49	45	34	34	52	90	92	107
PT	0	0	0	0	1	1	2	3
RO	10	8	5	5	93	91	90	105
SI	0	0	0	0	3	3	4	2
SK								
FI	519	463	473	467	0	0	0	0
SE	87	82	73		39	45	58	
UK	24	25	21	20	267	270	286	284

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.3.1 Number of Enterprises in the Energy Sector

ENTERPRISES SURVEY

	Manufacture of Coke and Refined Petroleum Products (C19)				Electricity, Gas, Steam and Air Conditioning Supply (D35)			
	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*1 274*	*1 168*	1 108	1 091	*33 758*	*52 106*	78 601	85 665
BE		22	17	15		301	618	693
BG	21	17	10	13	583	1 091	1 784	1 743
CZ	22	28	33	33	1 264	3 267	8 446	10 414
DK	4	5	4	3	1 692	1 681	1 845	1 784
DE	86	95	80	85	1 589	1 722	1 974	2 058
EE	9	5	7	5	181	223	226	226
IE						236	231	
EL	7	7	48	44	5	10	32	32
ES	13	18	14	10	12 004	13 098	13 867	14 244
FR	88	52	56	50	3 866	14 337	20 756	24 883
HR	19	17	15	14	133	234	513	560
IT	353	328	297		2 472	4 028	10 169	
CY					1	4		
LV	3	13	10	12	279	381	480	506
LT	5	6	7	8	213	253	1 214	1 434
LU	0	0	0	0	60	67	74	82
HU	10	9	14	10	542	611	675	668
MT								
NL	37	42	38	43	558	678	950	1 191
AT	5	4	4	5	1 512	1 878	2 256	2 271
PL	158	165	175	175	1 788	2 047	2 546	2 583
PT	5	8	17	17	665	730	925	941
RO	33	54	42	47	506	885	1 345	1 501
SI	5	3	7	5	417	648	1 526	1 570
SK					203	294	430	487
FI	13	15	17	18	722	736	816	849
SE	44	45	40		1 528	1 828	2 287	2 454
UK	245	170	134	131	478	651	2 577	3 285

Italics: DG Energy Estimations.

Source: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: See Annex 13 – No 3

3.3.2 Turnover in the Energy Sector

ENTERPRISES SURVEY – EU-28

Mio EUR	2012	2013	2014
B05: Mining of Coal and Lignite	15 212.1	13 282.4	11 589.6
B06: Extraction of Crude Petroleum and Natural Gas	181 263.9	172 599.5	152 571.6
B07.21: Mining of Uranium and Thorium Ores			
B08.92: Extraction of Peat	1 738.1	1 749.8	*1 700.0*
B09.1: Support Activities for Petroleum and Natural Gas Extraction	15 381.2	16 389.7	17 838.4
C19: Manufacture of Coke and Refined Petroleum Products	685 390.3	606 176.5	519 748.1
D35: Electricity, Gas, Steam and Air Conditioning Supply	1 560 892.2	1 539 990.8	1 457 077.3
D35.1: Electricity	1 225 601.7	1 233 856.6	1 181 972.4
35.11: Production of Electricity	342 340.4	335 039.1	
35.12: Transmission of Electricity	67 410.9	68 751.2	
35.13: Distribution of Electricity	232 246.6	237 541.8	
35.14: Trade of Electricity	583 603.9	592 524.5	
D35.2: Gas	294 658.2	265 273.3	236 891.2
35.21: Manufacture of Gas	6 032.1	5 794.6	
35.22: Distribution of Gaseous Fuels through Mains	84 839.8	83 482.4	
35.23: Trade of Gas through Mains	203 784.0	175 988.6	
D35.3: Steam and Air Conditioning	40 632.3	40 860.9	38 213.7
35.30: Steam and Air Conditioning Supply	40 632.3	40 860.9	*38 213.7*
Broad Sector – Total	2 459 877.8	2 350 188.7	*2 160 525.0*

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.3.2 Turnover in the Energy Sector

ENTERPRISES SURVEY

	Mining of Coal and Lignite (B05)				Extraction of Crude Petroleum and Natural Gas (B06)			
Mio EUR	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*16674.9*	*15273.8*	13282.4	11589.6	*176436.0*	*146788.7*	172599.5	152571.6
BE	0.0		0.0	0.0		0.0	0.0	0.0
BG	326.6	331.1	287.5	307.9	40.9	25.5	80.7	55.2
CZ		2811.7	2097.4	1608.6				
DK	0.0	0.0	0.0	0.0	9239.9	7049.9	6823.6	5669.7
DE	4015.8	3921.4	2387.2		3829.2	2762.1	3431.5	3259.2
EE	0.0	0.0	0.0	0.0				
IE								
EL	82.0							
ES	858.2	595.6	433.8	445.7	77.9	79.7	*108.0*	115.6
FR	47.6			0.0	851.0	728.4	729.1	372.1
HR	0.0		0.0	0.0				
IT					48042.4	46241.0	63194.3	63194.3
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV		0.0	0.0	0.0	0.0			
LT	0.0	0.0	0.0	0.0	91.2	68.5	77.1	73.1
LU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HU	53.2	7.0	13.1	11.4	89.1	81.1	135.1	51.2
MT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NL		0.0	0.0	0.0	37828.5	34861.9	46068.0	36275.5
AT	0.0	0.0	0.0	0.0				
PL	7212.1	5974.2	6669.3	5910.0				175.2
PT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RO	485.1	357.9	102.0	32.8	5472.7	4191.4	5051.5	4902.7
SI								
SK						0.0		
FI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE				0.0				0.0
UK	1024.8	1112.4			65153.9	44979.9	41147.4	33686.0

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.3.2 Turnover in the Energy Sector

ENTERPRISES SURVEY

	Extraction of Peat (B08.92)				Support Activities for Petroleum and Natural Gas Extraction (B09.1)			
Mio EUR	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*1651.4*	*1837.0*	1749.8		*13587.4*	*14661.9*	16389.7	17838.4
BE	0.0	0.0	0.0	0.0				
BG		0.6	1.7	1.1			1.2	1.2
CZ						46.3		
DK					358.5		377.5	409.9
DE	348.8	417.5	413.4	412.6				
EE	71.5	77.3	79.8	88.6	0.0	0.0	0.0	0.0
IE						0.0	0.0	
EL		0.0	0.0					
ES	11.6	10.5	9.1	9.2	60.1		226.1	
FR		74.2	63.3	67.7		301.7		330.3
HR		0.0	0.0	0.0				256.3
IT	0.0	11.8	2.6				486.2	490.0
CY	0.0	0.0	0.0	0.0	0.0	0.0		
LV		101.4	132.6	142.9	0.0	0.0		
LT	32.5	39.9	58.5	57.0	0.0	0.0	0.0	0.0
LU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HU		3.2	3.0		146.1	94.8	130.0	116.2
MT	0.0	0.0	0.0	0.0				
NL								
AT			2.7	2.7	11.3	13.6	35.6	34.3
PL	39.3		49.3		213.9	377.7	424.9	420.7
PT	0.0	0.0	0.0	0.0				
RO	1.1	0.3	0.7	0.8	973.4	874.0	796.4	757.6
SI	0.0	0.0	0.0	0.0				
SK								
FI	460.1	554.4	494.2	502.0	0.0	0.0	0.0	0.0
SE	38.3	30.7	40.8				168.6	149.8
UK			80.2	73.3	7537.0	8374.6	9101.7	9786.9

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.3.2 Turnover in the Energy Sector

ENTERPRISES SURVEY

	Manufacture of Coke and Refined Petroleum Products (C19)				Electricity, Gas, Steam and Air Conditioning Supply (D35)			
Mio EUR	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*547992.2*	*524276.7*	606176.5	519748.1	*1149803.8*	*1352488.8*	*1539990.8*	1457077.3
BE		48074.1	60047.0	56368.4		43772.3	44457.8	39494.2
BG					7313.3	7279.0	7993.7	8083.2
CZ	5021.9	4558.3	4837.5	4943.2	30927.4	37371.0	45257.8	38780.3
DK					20410.1	20377.5	26655.8	24828.6
DE	134361.4	120831.6	140054.5	131075.1	357896.1	426881.7	581264.4	560482.1
EE	179.9	178.0	297.0	280.8	1542.3	1833.5	2245.2	2013.6
IE						6706.4	8090.1	
EL	17296.6	15339.6	19688.0	18761.4	5977.0	5942.7	12353.6	11724.2
ES	44349.3	34773.4	52243.3	47980.4	74338.8	59705.8	93620.4	94965.9
FR	69128.4	61248.1	53048.3	47136.7	106500.6	109648.6	119162.0	112204.8
HR					3147.9	3684.4	4336.7	4364.6
IT	48947.8	46037.6	51131.3	48320.3	156801.7	160950.4	212610.2	176491.3
CY					738.2	782.3		
LV		0.6		6.6	2390.8	2310.5	2819.9	2313.5
LT					2690.3	3279.1	3234.6	2772.4
LU	0.0	0.0	0.0	0.0	2252.1	1951.3	4133.7	3844.5
HU	9384.0	8297.8	8728.3	8160.6	26852.9	22059.2	18953.1	16682.5
MT								
NL		37272.3	52344.4	50694.6	38660.1	41196.8	38759.4	34983.0
AT			9698.2	8938.3	27553.5	29297.1	38505.7	34508.0
PL	28312.7	27575.0	34880.3	32743.8	44091.4	42566.6	46297.7	44063.7
PT		8253.7	9659.7	8510.9	16854.6	16166.0	21552.4	21669.9
RO	4112.9	3272.0	4323.3	4747.4	13180.6	12077.5	12671.6	12404.1
SI	14.6		8.1		3580.0	4034.3	5949.9	5535.5
SK					11021.1	11351.0	12834.5	10725.6
FI					12012.3	14454.6	13630.5	13074.4
SE	1526.2				24823.9	28485.9	30323.3	27032.0
UK	49837.4	44763.5	57903.5	52334.0	107875.7	109515.1	130805.0	138730.6

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: See Annex 13 – No 3

3.3.3 Number of Persons Declared as Employed in the Energy Sector

ENTERPRISES SURVEY – EU-28

	2012	2013	2014
B05: Mining of Coal and Lignite	215100	194900	176697
B06: Extraction of Crude Petroleum and Natural Gas	79200	77000	79149
B07.21: Mining of Uranium and Thorium Ores			
B08.92: Extraction of Peat	11600	11200	*11600*
B09.1: Support Activities for Petroleum and Natural Gas Extraction	53200	56100	56994
C19: Manufacture of Coke and Refined Petroleum Products	127500	119600	117211
D35: Electricity, Gas, Steam and Air Conditioning Supply	1227300	1216300	1205645
D35.1: Electricity	916800	916300	916448
35.11: Production of Electricity	438800	457800	*457874*
35.12: Transmission of Electricity	52400	54800	*54809*
35.13: Distribution of Electricity	327700	309700	*309750*
35.14: Trade of Electricity	97900	94000	*94015*
D35.2: Gas	158100	152300	144535
35.21: Manufacture of Gas	7600	8800	*8351*
35.22: Distribution of Gaseous Fuels through Mains	106800	102700	*97464*
35.23: Trade of Gas through Mains	43800	40800	*38720*
D35.3: Steam and Air Conditioning	152300	147700	144662
35.30: Steam and Air Conditioning Supply	152300	147700	*144662*
Broad Sector – Total	1713900	1675100	*1647296*

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.3.3 Number of Persons Declared as Employed in the Energy Sector

ENTERPRISES SURVEY

	Mining of Coal and Lignite (B05)				Extraction of Crude Petroleum and Natural Gas (B06)			
	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*253883*	*231167*	194900	*176697*	*88205*	*81574*	77000	79149
BE	0		0	0		0	0	0
BG	13905	13269	12534	12132				
CZ		24265	21595	19972				
DK	0	0	0	0	444	566	971	1030
DE	38415	33672	22511	20164	3544	3754	3764	3972
EE	0	0	0	0				
IE								
EL	159							
ES	7311	6105	4012	3666	215	242		355
FR		28		0		814	672	
HR	0		0	0				
IT					13047	12116	12354	12354
CY	0	0	0	0	0	0	0	0
LV	18	0	0	0	0	1	15	19
LT	0	0	0	0	351	252	269	255
LU	0	0	0	0	0	0	0	0
HU	121	111	243	143	36	75	82	80
MT	0	0	0	0	0	0	0	0
NL		0	0	0	3076	3173	3627	3831
AT	0	0	0	0				
PL	138338	124925	116760					714
PT	0	0	0	0	0	0	0	0
RO	20804	18011	5758	2213	38538	30546	25680	25246
SI							1	
SK						0		
FI	0	0	0	0	0	0	0	0
SE				0				0
UK	5944	6023	5421	3777	13405	15300	14363	

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: See Annex 13 – No 3

3.3.3 Number of Persons Declared as Employed in the Energy Sector

ENTERPRISES SURVEY

	Extraction of Peat (B08.92)				Support Activities for Petroleum and Natural Gas Extraction (B09.1)			
	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*12537*	*12080*	11200		*47333*	*50570*	56100	56994
BE	0	0	0	0				
BG		52	107	33		14	38	38
CZ						421		642
DK					1716		2044	1995
DE	1912	2003	1844	2015				
EE	1276	1153	1076	1042	0	0	0	0
IE						0	0	
EL		0	0					
ES	57	48	34	32	224		217	
FR		248	195	203		110		375
HR		0	0	0				2563
IT	0	12	17				1815	1819
CY	0	0	0	0	0	0		
LV	1970	1977	2081	2136	0	0	1	1
LT	1229	1126	1091	1154	0	0	0	0
LU	0	0	0	0	0	0	0	0
HU		116	94		1275	1089	1190	1079
MT	0	0	0	0				
NL	36	22	110	104	2270			
AT			29	27	19	27	88	106
PL	711		532		2181	4082	5118	5146
PT	0	0	0	0				
RO	41	26	29	27	9882	6267	7526	7388
SI	0	0	0	0			69	
SK								
FI	1735	1845	2044	2091	0	0	0	0
SE	358	306	311				77	77
UK	634	355	29	274	18489	22879		

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.3.3 Number of Persons Declared as Employed in the Energy Sector

ENTERPRISES SURVEY

	Manufacture of Coke and Refined Petroleum Products (C19)				Electricity, Gas, Steam and Air Conditioning Supply (D35)			
	2008	2010	2013	2014	2008	2010	2013	2014
EU-28	*135372*	*128671*	*119600*	*117211*	*1243616*	*1235936*	*1216300*	*1205645*
BE		4091	4453	4401		19193	20181	20907
BG			2208	2129	36197	34191	32809	32573
CZ	2926	2747	2173	2053	32652	31480	33495	33849
DK					13206	11235	11265	14308
DE	19611	19452	19269	22593	221450	221264	219936	228179
EE	1330	1406	1644	1668	6290	5681	5218	5097
IE						9206	10316	
EL	4557	4333	3945	3522	23955	22834	20481	20336
ES	8823	8954	8855	8644	47622	48687	38974	38514
FR		15095				170194	181335	190297
HR					16849	16619	15472	14739
IT	16383	16493	13292	12953	84224	86414	87908	85398
CY					2347	2470		
LV	9	12	30	41	12185	10907	11109	10624
LT					18303	15876	13781	13912
LU	0	0	0	0	1091	1196	1435	1470
HU	6538	6329	6106	5923	27387	25715	24608	24782
MT								
NL	6652	5908	5213	5422	23869	22882	27056	27153
AT			1124	1145	28218	28685	29402	29297
PL	16606	13623	13220	13224	153286	162409	139998	136068
PT		1887	1990	1794	10151	9386	8913	8703
RO	5017	3960	2516	2657	89511	81111	77393	76016
SI	93		34		7828	8207	8942	9069
SK					21641	20034	17885	18104
FI					13430	13463	13729	13645
SE	2748				31151	31115	31264	31148
UK	9998				121447	123965	129496	129335

Italics: DG Energy Estimations.

Sources: Eurostat, Structural Business Statistics Survey (SBS), April 2016
Methodology and Notes: See Annex 13 – No 3

3.4 Economy

3.4.1 GDP at Current Market Prices

Mrd EUR*	1995	2000	2005	2010	2013	2014	2015
EU-28	7282.7	9561.5	11517.0	12793.5	13546.8	13965.0	14632.6
BE	221.4	258.2	311.5	365.1	392.7	400.4	409.4
BG	11.0	14.3	24.0	37.7	41.9	42.8	44.2
CZ	45.5	66.6	109.4	156.4	156.9	154.7	163.9
DK	141.4	178.0	212.9	241.5	255.2	260.6	266.2
DE	1982.1	2116.5	2300.9	2580.1	2820.8	2915.7	3025.9
EE	2.9	6.2	11.3	14.7	19.0	20.0	20.5
IE	52.9	108.4	170.0	166.2	179.4	189.0	214.6
EL	104.7	143.0	199.2	226.0	180.4	177.6	176.0
ES	468.9	646.3	930.6	1080.9	1031.3	1041.2	1081.2
FR	1231.4	1485.3	1772.0	1998.5	2115.3	2140.0	2181.1
HR	17.1	23.6	36.5	45.0	43.5	43.0	43.9
IT	895.3	1239.3	1489.7	1604.5	1604.5	1611.9	1636.4
CY	7.6	10.8	14.9	19.1	18.1	17.4	17.4
LV	4.1	8.6	13.7	17.8	22.8	23.6	24.4
LT	5.1	12.5	21.0	28.0	35.0	36.4	37.1
LU	16.7	23.2	29.7	39.5	46.5	48.9	52.1
HU	35.3	51.2	90.5	98.2	101.3	104.2	108.7
MT	2.8	4.4	5.1	6.6	7.7	8.1	8.8
NL	341.6	448.1	545.6	631.5	650.9	662.8	678.6
AT	183.9	213.2	253.0	294.6	322.9	329.3	337.3
PL	108.7	186.4	244.8	361.7	394.6	410.9	427.7
PT	91.0	128.5	158.7	179.9	170.3	173.4	179.4
RO	28.8	40.8	80.2	126.7	144.3	150.2	160.4
SI	16.3	21.9	29.2	36.3	35.9	37.3	38.5
SK	15.3	22.3	39.2	67.4	73.8	75.6	78.1
FI	102.7	136.3	164.4	187.1	203.3	205.3	207.2
SE	201.8	281.9	313.2	369.1	435.8	430.6	444.6
UK	946.3	1686.0	1945.6	1813.3	2042.9	2254.3	2569.0

* Units in Milliard – Long Scale = 1000 Million €.

Source: DG Economic and Financial Affairs, AMECO, April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.4.2 GDP per Capita at Current Market Prices

Thousand EUR/cap*	1995	2000	2005	2010	2013	2014	2015
EU-28	15.1	19.6	23.3	25.4	26.7	27.5	28.8
BE	21.9	25.2	29.8	33.7	35.2	35.7	36.4
BG	1.3	1.7	3.1	5.1	5.8	5.9	6.1
CZ	4.4	6.5	10.7	14.9	14.9	14.7	15.6
DK	27.1	33.4	39.3	43.6	45.6	46.3	47.0
DE	24.3	25.8	27.9	31.5	34.4	36.1	37.3
EE	2.0	4.4	8.3	11.0	14.4	15.2	15.6
IE	14.7	28.7	41.3	36.5	39.1	41.0	46.4
EL	9.9	13.3	18.2	20.3	16.4	16.2	16.2
ES	11.9	16.1	21.5	23.3	22.1	22.4	23.3
FR	20.8	24.5	28.2	30.9	32.2	32.5	32.8
HR	3.7	5.2	8.5	10.5	10.2	10.1	10.4
IT	15.8	21.8	25.7	27.1	26.9	26.5	26.9
CY	11.8	15.6	20.4	23.3	20.9	20.3	20.6
LV	1.7	3.6	6.1	8.4	11.3	11.8	12.3
LT	1.4	3.6	6.3	8.9	11.8	12.4	12.7
LU	41.1	53.5	64.5	78.7	86.7	89.0	92.6
HU	3.4	5.0	9.0	9.8	10.2	10.6	11.0
MT	7.7	11.6	12.8	15.9	18.2	19.0	20.5
NL	22.1	28.2	33.5	38.1	38.8	39.4	40.2
AT	23.2	26.6	30.8	35.3	38.2	38.7	39.3
PL	2.8	4.9	6.4	9.5	10.4	10.8	11.3
PT	9.1	12.5	15.1	17.0	16.2	16.6	17.3
RO	1.3	1.8	3.8	6.2	7.2	7.5	8.1
SI	8.2	11.0	14.6	17.7	17.4	18.1	18.7
SK	2.8	4.1	7.3	12.5	13.6	14.0	14.4
FI	20.1	26.3	31.4	35.0	37.5	37.7	37.9
SE	22.9	31.8	34.8	39.5	45.6	44.6	45.6
UK	16.3	28.7	32.3	29.0	32.0	35.0	39.6

* 1 000 €' per Capita.

Source: DG Economic and Financial Affairs, AMECO, April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.4.3 GDP at 2010 Market Prices

Mrd EUR*	1995	2000	2005	2010	2013	2014	2015
EU-28	9631.0	11130.3	12234.5	12793.5	12981.1	13165.3	13425.1
BE	270.1	311.5	340.8	365.1	372.3	377.1	382.3
BG	24.0	24.4	32.4	37.7	38.9	39.5	40.7
CZ	104.7	114.4	138.7	156.4	157.2	160.3	167.0
DK	194.3	225.4	241.0	241.5	243.5	246.6	249.5
DE	2145.1	2358.7	2426.5	2580.1	2693.3	2736.4	2782.6
EE	7.9	10.6	15.0	14.7	16.9	17.4	17.6
IE	76.5	123.6	159.8	166.2	173.2	182.2	196.4
EL	158.8	189.9	229.8	226.0	184.3	185.5	185.1
ES	710.5	867.9	1025.4	1080.9	1024.6	1038.6	1072.0
FR	1535.1	1771.7	1923.2	1998.5	2055.5	2068.6	2095.0
HR	29.8	35.3	44.0	45.0	43.4	43.3	44.0
IT	1409.1	1555.6	1629.9	1604.5	1540.9	1535.6	1547.2
CY	11.7	14.2	16.9	19.1	17.6	17.2	17.4
LV	9.5	12.3	18.2	17.8	20.2	20.7	21.3
LT	14.6	18.3	26.4	28.0	32.0	32.9	33.5
LU	22.5	30.2	35.0	39.5	41.9	43.7	45.8
HU	69.3	80.4	99.2	98.2	100.1	103.8	106.8
MT	4.3	5.4	6.0	6.6	7.2	7.5	7.9
NL	448.7	554.7	592.8	631.5	632.1	638.5	651.2
AT	218.6	253.7	276.3	294.6	306.2	307.3	309.9
PL	190.9	246.7	287.3	361.7	390.7	403.5	418.2
PT	136.9	167.1	174.5	179.9	167.6	169.1	171.6
RO	84.0	83.0	109.8	126.7	133.5	137.4	142.6
SI	22.6	27.9	33.3	36.3	35.1	36.2	37.2
SK	35.2	41.9	53.4	67.4	71.4	73.2	75.8
FI	123.4	158.1	179.6	187.1	187.7	186.4	187.4
SE	251.4	299.7	341.2	369.1	382.5	391.2	407.6
UK	1321.6	1547.8	1778.2	1813.3	1911.3	1965.8	2011.6

* Units in Milliard – Long Scale = 1 000 Million €.

Source: DG Economic and Financial Affairs, AMECO, April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.4.4 GDP per Capita at 2010 Market Prices

Thousand EUR/cap*	1995	2000	2005	2010	2013	2014	2015
EU-28	20.0	22.9	24.7	25.4	25.6	26.0	26.4
BE	26.7	30.4	32.6	33.7	33.4	33.7	34.0
BG	2.8	3.0	4.2	5.1	5.3	5.5	5.6
CZ	10.1	11.1	13.6	14.9	14.9	15.2	15.8
DK	37.3	42.3	44.5	43.6	43.5	43.8	44.1
DE	26.3	28.7	29.4	31.5	32.8	33.9	34.3
EE	5.5	7.6	11.0	11.0	12.8	13.2	13.4
IE	21.3	32.7	38.9	36.5	37.7	39.6	42.4
EL	15.1	17.6	20.9	20.3	16.7	17.0	17.0
ES	18.1	21.7	23.7	23.3	21.9	22.3	23.1
FR	25.9	29.3	30.6	30.9	31.3	31.4	31.5
HR	6.4	7.8	10.2	10.5	10.2	10.2	10.4
IT	24.8	27.3	28.2	27.1	25.8	25.3	25.4
CY	18.2	20.5	23.1	23.3	20.3	20.0	20.6
LV	3.8	5.1	8.1	8.4	10.0	10.3	10.7
LT	4.0	5.2	7.9	8.9	10.8	11.2	11.5
LU	55.4	69.8	75.9	78.7	78.1	79.4	81.3
HU	6.7	7.9	9.8	9.8	10.1	10.5	10.8
MT	11.7	14.2	14.8	15.9	17.1	17.6	18.5
NL	29.1	35.0	36.4	38.1	37.7	37.9	38.5
AT	27.5	31.7	33.7	35.3	36.2	36.1	36.1
PL	4.9	6.4	7.5	9.5	10.3	10.6	11.0
PT	13.7	16.3	16.6	17.0	16.0	16.2	16.5
RO	3.7	3.7	5.1	6.2	6.7	6.9	7.2
SI	11.4	14.0	16.7	17.7	17.1	17.6	18.0
SK	6.6	7.8	9.9	12.5	13.2	13.5	14.0
FI	24.2	30.6	34.3	35.0	34.6	34.2	34.3
SE	28.5	33.8	37.9	39.5	40.0	40.6	41.8
UK	22.8	26.3	29.5	29.0	29.9	30.5	31.0

* 1 000 €' 2010 per Capita.

Source: DG Economic and Financial Affairs, AMECO, April 2016
Methodology and Notes: **See Annex 13 – No 3**

3.5 Demography

3.5.1 Population

ON 1ST JANUARY

Thousand Inhabitants	1995	2000	2005	2010	2013	2014	2015
EU-28	481600.4	486830.0	494598.3	503170.6	506663.7	506944.1	508450.9
BE	10130.6	10239.1	10445.9	10839.9	11161.6	11204.0	11258.4
BG	8427.4	8190.9	7688.6	7421.8	7284.6	7245.7	7202.2
CZ	10333.2	10278.1	10198.9	10462.1	10516.1	10512.4	10538.3
DK	5215.7	5330.0	5411.4	5534.7	5602.6	5627.2	5659.7
DE	81538.6	82163.5	82500.8	81802.3	82020.6	80767.5	81197.5
EE	1448.1	1401.3	1358.9	1333.3	1320.2	1315.8	1313.3
IE	3597.6	3777.6	4111.7	4549.4	4591.1	4605.5	4628.9
EL	10536.0	10775.6	10969.9	11119.3	11003.6	10926.8	10858.0
ES	39343.1	40049.7	43296.3	46486.6	46727.9	46512.2	46449.6
FR	59315.1	60545.0	62772.9	64658.9	65600.4	65889.1	66415.2
HR	4658.9	4497.7	4310.9	4302.8	4262.1	4246.8	4225.3
IT	56844.4	56923.5	57874.8	59190.1	59685.2	60782.7	60795.6
CY	645.4	690.5	733.1	819.1	865.9	858.0	847.0
LV	2500.6	2381.7	2249.7	2120.5	2023.8	2001.5	1986.1
LT	3643.0	3512.1	3355.2	3142.0	2971.9	2943.5	2921.3
LU	405.7	433.6	461.2	502.1	537.0	549.7	563.0
HU	10336.7	10221.6	10097.5	10014.3	9908.8	9877.4	9855.6
MT	369.5	380.2	402.7	414.0	421.4	425.4	429.3
NL	15424.1	15864.0	16305.5	16575.0	16779.6	16829.3	16900.7
AT	7943.5	8002.2	8201.4	8351.6	8451.9	8506.9	8576.3
PL	38580.6	38263.3	38173.8	38022.9	38062.5	38017.9	38005.6
PT	10008.7	10249.0	10494.7	10573.5	10487.3	10427.3	10374.8
RO	22712.4	22455.5	21382.4	20294.7	20020.1	19947.3	19870.6
SI	1989.5	1987.8	1997.6	2047.0	2058.8	2061.1	2062.9
SK	5356.2	5398.7	5372.7	5390.4	5410.8	5415.9	5421.3
FI	5098.8	5171.3	5236.6	5351.4	5426.7	5451.3	5471.8
SE	8816.4	8861.4	9011.4	9340.7	9555.9	9644.9	9747.4
UK	57943.5	58785.2	60182.1	62510.2	63905.3	64351.2	64875.2

Source: DG Economic and Financial Affairs, AMECO, April 2016
Methodology and Notes: **See Annex 13 – No 3**

Environment Indicators in the EU

PART 4

Summary

4.1 Gases Emissions

4.1.1 GHGs Emissions

EU-28 AND MEMBER STATES – TOTAL

Million ton CO_2 equiv.	1995	2000	2005	2010	2013	2014
EU-28	5 399.3	5 283.8	5 347.0	4 914.4	4 602.1	4 419.2
Index 1995	100.0 %	97.9 %	99.0 %	91.0 %	85.2 %	81.8 %
BE	156.9	153.9	148.4	137.5	123.3	117.9
BG	74.4	58.5	63.2	60.3	55.4	57.7
CZ	158.7	151.5	149.7	141.1	131.6	126.8
DK	80.4	73.4	69.3	66.0	57.9	53.9
DE	1 133.4	1 060.3	1 012.8	963.6	969.1	924.8
EE	20.0	17.1	18.4	20.0	21.8	21.2
IE	61.0	71.2	72.9	64.6	60.6	60.5
EL	113.4	130.2	138.4	120.8	107.2	104.3
ES	333.0	395.3	450.5	373.6	340.8	342.7
FR	557.7	568.8	570.6	530.7	502.8	475.4
HR	24.6	27.1	31.3	29.2	25.3	24.8
IT	539.2	562.6	588.1	517.9	448.2	428.0
CY	7.9	9.2	10.2	10.4	8.8	9.2
LV	12.9	10.5	11.6	12.6	11.7	11.6
LT	21.7	18.8	22.4	20.2	19.3	19.2
LU	10.7	10.7	14.4	13.5	12.4	12.0
HU	76.2	74.2	76.7	66.2	58.0	57.7
MT	2.8	3.0	3.2	3.4	3.3	3.3
NL	239.8	230.2	225.5	224.1	205.6	198.0
AT	81.2	82.1	94.8	87.0	82.0	78.3
PL	446.0	393.0	397.9	407.7	395.0	382.0
PT	73.0	86.0	90.5	73.1	67.8	67.6
RO	183.4	140.9	147.0	117.5	110.5	110.4
SI	18.8	19.2	20.6	19.7	18.4	16.7
SK	54.8	50.0	51.6	46.7	43.0	40.8
FI	72.8	71.1	70.9	77.6	65.3	61.1
SE	75.5	70.8	68.9	67.1	58.2	56.7
UK	769.0	744.0	727.3	642.1	598.9	556.7

* GHG emissions without LULUCF, with indirect CO_2 and including international aviation.

Source: EEA_UNFCCC v_18 June 2016
Methodology and Notes: **See Annex 13 – No 4**

4.1.1 GHGs Emissions

EU-28 AND MEMBER STATES – FUEL COMBUSTION

Million ton CO_2 equiv.	2014								
	Fuel Combustion Activities	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Sectors	Other Combustion and Fugitive Emissions
EU-28	3323.9	1245.6	492.4	889.1	146.1	377.9	78.9	6.5	87.3
Share (%)	75.22%	28.19%	11.14%	20.12%	3.31%	8.55%	1.79%	0.15%	1.98%
BE	82.3	20.5	13.3	25.2	4.9	15.8	1.9	0.0	0.6
BG	43.1	29.0	2.8	8.5	0.3	1.0	0.5	0.0	1.0
CZ	95.0	53.2	10.0	17.2	2.5	6.6	1.3	0.3	4.0
DK	36.8	15.5	4.2	12.1	0.8	1.6	1.9	0.2	0.4
DE	762.3	346.3	119.7	161.1	32.7	85.2	5.7	1.0	10.5
EE	18.7	14.9	0.7	2.3	0.1	0.3	0.3	0.0	0.0
IE	35.0	11.1	4.3	11.3	1.8	5.7	0.6	0.0	0.0
EL	75.2	45.9	5.5	17.6	0.6	3.9	0.5	0.0	1.2
ES	238.1	75.7	40.4	79.9	8.7	16.4	12.0	0.0	5.0
FR	319.6	39.4	60.0	131.0	24.1	48.6	12.7	0.0	4.0
HR	17.8	4.6	2.6	5.7	0.5	1.8	0.6	0.0	2.0
IT	339.8	99.8	52.0	104.9	20.9	45.7	7.5	0.6	8.4
CY	6.0	2.9	0.7	1.8	0.1	0.3	0.1	0.0	0.0
LV	6.9	1.7	0.7	3.0	0.5	0.6	0.4	0.0	0.1
LT	10.9	3.2	1.1	5.1	0.3	0.8	0.1	0.0	0.3
LU	9.4	0.7	1.1	6.1	0.4	1.0	0.1	0.0	0.0
HU	40.3	13.2	4.2	11.2	2.9	6.5	1.5	0.0	0.9
MT	2.5	1.6	0.0	0.6	0.1	0.1	0.0	0.0	0.0
NL	153.8	64.1	24.2	30.4	7.2	15.7	9.5	0.2	2.4
AT	51.4	9.7	10.5	22.2	2.0	5.6	0.9	0.0	0.5
PL	309.4	160.4	30.0	44.2	7.9	37.2	10.8	0.0	18.9
PT	44.0	14.5	7.7	15.7	1.1	2.2	1.1	0.1	1.6
RO	76.3	25.1	13.8	15.6	2.1	7.1	1.0	0.4	11.4
SI	13.3	4.4	1.6	5.4	0.3	0.8	0.2	0.0	0.4
SK	27.0	7.2	7.3	6.5	1.6	2.9	0.1	0.1	1.5
FI	44.4	19.4	8.5	11.1	1.0	1.7	1.4	1.1	0.1
SE	39.3	9.3	7.8	17.9	0.7	1.1	1.5	0.2	0.8
UK	425.4	152.2	57.5	115.5	20.1	61.9	4.7	2.0	11.4

Source: EEA_UNFCCC v_18 June 2016
Methodology and Notes: See Annex 13 – No 4

4.1.1 GHGs Emissions

EU-28 AND MEMBER STATES – OTHER THAN FUEL COMBUSTION

Million ton CO_2 equiv.	2014				
	Industrial Processes and Solvent Use	Agriculture	Waste and Others	Indirect CO_2	International aviation
EU-28	373.4	434.9	145.7	4.1	137.1
Share (%)	8.45 %	9.84 %	3.30 %	0.09 %	3.10 %
BE	19.8	9.9	1.8	0.0	4.1
BG	4.7	5.1	4.2	0.0	0.5
CZ	15.3	8.3	5.1	2.2	0.9
DK	2.1	10.6	1.3	0.4	2.7
DE	61.0	66.1	10.8	0.0	24.6
EE	0.7	1.3	0.3	0.0	0.1
IE	2.9	18.8	1.5	0.1	2.3
EL	12.4	8.7	5.1	0.0	2.9
ES	37.7	37.4	15.7	0.0	13.8
FR	40.0	78.9	19.5	0.9	16.5
HR	0.0	0.0	0.0	0.0	0.0
IT	30.3	30.3	18.2	0.0	9.5
CY	1.4	0.6	0.5	0.0	0.8
LV	0.8	2.7	0.8	0.0	0.3
LT	3.1	3.9	1.1	0.0	0.2
LU	0.6	0.7	0.0	0.0	1.3
HU	6.1	6.5	4.3	0.0	0.5
MT	0.2	0.1	0.2	0.0	0.3
NL	11.1	18.4	3.6	0.2	10.9
AT	16.1	7.1	1.8	0.0	2.0
PL	29.9	30.2	10.8	0.0	1.8
PT	6.1	7.2	7.2	0.1	3.0
RO	10.9	16.8	5.8	0.0	0.6
SI	1.1	1.7	0.5	0.0	0.1
SK	8.9	3.1	1.6	0.0	0.1
FI	6.0	6.5	2.2	0.1	1.9
SE	6.4	7.1	1.5	0.0	2.3
UK	34.9	44.6	18.9	0.0	32.9

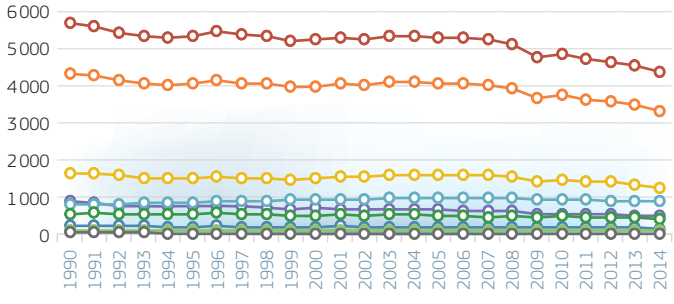
Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: See Annex 13 – No 4

4.1.1 GHGs Emissions

EU-28 – TOTAL AND FUEL COMBUSTION

Million ton CO_2 equiv.	GHG's Emissions (without LULUCUF, with ind. CO_2)	Fuel Combustion Activities	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Sectors
1990	5735	4354	1658.9	864.1	784.5	203.1	523.2	95.4	23.4
1991	5635	4313	1622.3	819.2	791.2	212.4	565.6	94.8	19.4
1992	5461	4176	1583.0	761.8	814.9	195.2	531.5	92.0	16.7
1993	5366	4098	1515.8	733.5	819.7	193.3	547.4	95.4	14.6
1994	5344	4054	1525.1	734.0	825.2	180.2	512.6	94.9	14.2
1995	5399	4087	1522.0	750.2	838.3	184.3	515.7	94.4	13.5
1996	5510	4193	1552.4	738.7	864.5	201.1	563.4	96.9	11.9
1997	5415	4091	1504.8	731.9	876.1	186.2	529.2	94.1	12.0
1998	5375	4074	1521.9	699.7	903.7	184.9	517.1	91.2	11.5
1999	5270	4008	1478.6	678.6	922.8	185.1	503.0	91.2	10.3
2000	5284	4014	1510.6	686.3	918.1	177.8	488.0	89.0	9.5
2001	5331	4089	1551.0	662.0	931.9	193.1	523.3	89.1	8.6
2002	5285	4061	1567.7	645.0	942.5	180.8	502.0	87.4	8.7
2003	5377	4146	1618.9	655.4	952.3	181.5	516.2	87.9	9.3
2004	5380	4137	1604.4	652.1	972.2	185.6	507.2	88.4	10.3
2005	5347	4112	1597.1	642.1	971.2	185.7	503.9	88.8	9.9
2006	5342	4112	1608.7	637.0	978.1	190.1	494.1	85.8	9.6
2007	5288	4048	1616.6	638.4	987.4	168.3	441.5	82.5	10.0
2008	5178	3973	1541.4	609.2	966.9	188.3	473.4	83.9	8.9
2009	4805	3693	1417.3	510.4	940.8	180.2	459.8	81.8	8.3
2010	4914	3795	1441.2	544.6	936.9	189.1	497.6	84.4	7.8
2011	4759	3646	1417.5	531.2	925.5	169.8	419.7	82.9	7.7
2012	4691	3600	1411.8	510.7	889.8	166.6	441.9	81.4	6.9
2013	4602	3515	1337.0	502.5	884.0	168.7	445.2	81.9	6.9
2014	4419	3324	1245.6	492.4	889.1	146.1	377.9	78.9	6.5

GHGs EMISSIONS – EU-28 – TOTAL AND FUEL COMBUSTION (MILLION ton CO_2 EQUIV.)



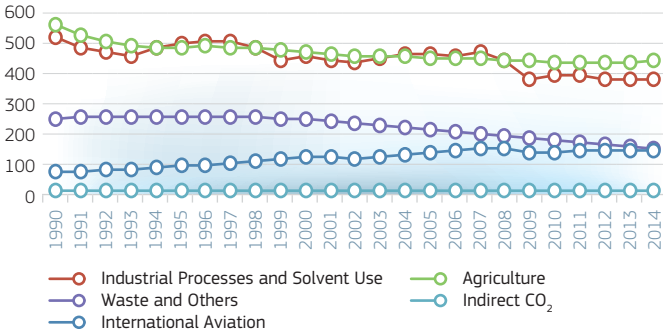
Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: See Annex 13 – No 4

4.1.1 GHGs Emissions

EU-28 – OTHER THAN FUEL COMBUSTION

Million ton CO_2 equiv.	Industrial Processes and Solvent Use	Agriculture	Waste and Other	Indirect CO_2	International aviation
1990	512.2	547.8	243.3	8.3	69.6
1991	478.1	519.2	247.6	8.2	68.2
1992	458.7	496.5	247.9	7.9	73.8
1993	450.5	483.4	248.1	7.7	78.0
1994	476.9	476.8	247.8	7.5	81.3
1995	492.0	477.9	249.5	7.1	86.0
1996	492.3	479.1	249.2	7.1	90.1
1997	498.4	476.9	246.8	7.0	94.3
1998	475.0	473.1	244.2	6.6	101.6
1999	435.1	470.6	239.8	6.3	109.6
2000	446.6	463.9	237.1	6.3	115.9
2001	431.2	457.3	232.7	6.1	114.2
2002	427.1	450.6	229.2	5.9	111.4
2003	440.6	446.1	222.6	5.7	116.0
2004	454.7	445.3	213.3	5.5	124.8
2005	452.9	438.6	206.5	5.5	131.7
2006	449.4	437.3	200.6	5.3	137.6
2007	459.9	439.2	193.7	5.1	142.1
2008	436.4	436.3	185.4	4.8	142.9
2009	368.3	431.1	176.6	4.5	132.2
2010	386.6	426.9	169.2	4.6	132.1
2011	382.4	426.9	163.4	4.5	135.9
2012	369.8	424.4	158.5	4.4	134.4
2013	368.7	428.1	150.8	4.3	135.0
2014	373.4	434.9	145.7	4.1	137.1

GHGs EMISSIONS – EU-28 – OTHER THAN FUEL COMBUSTION (MILLION ton CO_2 EQUIV.)



Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: See Annex 13 – No 4

4.1.2 CO_2 Emissions

EU-28 AND MEMBER STATES – TOTAL

Million ton CO_2	1995	2000	2005	2010	2013	2014
EU-28	4295.9	4285.6	4425.8	4070.8	3784.4	3603.7
Index 1995	100.0 %	99.8 %	103.0 %	94.8 %	88.1 %	83.9 %
BE	128.4	131.0	128.7	118.3	105.6	100.4
BG	58.3	45.3	50.7	48.1	43.0	45.6
CZ	133.6	129.3	128.3	119.2	109.7	104.3
DK	64.6	57.5	54.8	52.1	44.6	40.6
DE	952.8	918.3	888.6	856.2	861.0	817.2
EE	18.0	15.2	16.5	17.9	19.7	19.0
IE	37.0	47.0	50.5	43.9	39.1	38.9
EL	89.6	105.5	115.6	99.1	85.4	82.5
ES	272.9	321.7	380.7	296.3	265.4	267.1
FR	410.9	429.9	441.6	406.4	382.1	352.6
HR	17.7	20.4	24.2	21.9	19.1	18.4
IT	452.9	473.2	500.0	438.3	371.3	352.2
CY	6.7	8.0	8.8	8.8	7.2	7.7
LV	9.2	7.2	8.0	8.9	7.7	7.5
LT	15.1	11.9	14.1	13.8	13.2	13.0
LU	9.8	9.8	13.5	12.6	11.4	11.1
HU	61.9	59.0	61.1	52.8	44.4	44.1
MT	2.6	2.8	3.0	3.0	2.8	2.8
NL	181.3	182.3	188.7	193.0	176.1	168.8
AT	65.5	68.0	81.5	74.6	69.9	66.2
PL	364.7	319.9	324.3	338.0	324.2	312.5
PT	56.2	67.9	71.6	55.2	50.4	50.3
RO	127.9	94.5	101.6	80.3	73.9	74.0
SI	15.3	15.5	17.0	16.4	15.2	13.6
SK	44.7	41.2	42.7	38.4	35.5	33.5
FI	59.2	58.2	58.3	65.6	53.9	49.6
SE	60.8	56.7	55.8	55.2	47.1	45.7
UK	578.5	588.5	595.7	536.3	505.4	464.6

* CO_2 emissions without LULUCF, with indirect CO_2 and including international aviation.

Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: **See Annex 13 – No 4**

4.1.2 CO_2 Emissions

EU-28 AND MEMBER STATES – FUEL COMBUSTION

Million ton CO_2	2014								
	Fuel Combustion Activities	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Sectors	Other Combustion and Fugitive Emissions
EU-28	3211.7	1234.0	486.3	878.3	144.8	361.2	73.1	6.4	27.7
Share (%)	89.1 %	34.2 %	13.5 %	24.4 %	4.0 %	10.0 %	2.0 %	0.2 %	0.8 %
BE	80.7	20.3	13.1	24.9	4.9	15.5	1.7	0.0	0.1
BG	41.5	28.9	2.7	8.4	0.2	0.7	0.5	0.0	0.0
CZ	89.6	52.9	10.0	16.5	2.5	6.0	1.2	0.3	0.2
DK	36.0	15.4	4.2	12.0	0.7	1.5	1.8	0.2	0.3
DE	745.2	341.2	118.7	159.5	32.6	84.3	5.3	1.0	2.6
EE	18.4	14.9	0.7	2.2	0.1	0.2	0.3	0.0	0.0
IE	34.4	11.0	4.3	11.2	1.8	5.6	0.6	0.0	0.0
EL	73.3	45.8	5.4	17.3	0.6	3.8	0.5	0.0	0.0
ES	233.4	74.9	39.7	79.0	8.6	15.4	11.8	0.0	4.0
FR	313.3	39.1	59.5	129.3	24.0	46.9	11.6	0.0	3.0
HR	16.0	4.6	2.5	5.7	0.5	1.4	0.6	0.0	0.8
IT	326.5	99.2	50.8	103.7	20.5	42.4	6.8	0.6	2.5
CY	5.9	2.9	0.7	1.8	0.1	0.3	0.1	0.0	0.0
LV	6.5	1.7	0.7	2.9	0.4	0.4	0.4	0.0	0.0
LT	10.3	3.1	1.1	5.0	0.3	0.6	0.1	0.0	0.0
LU	9.3	0.7	1.1	6.0	0.4	1.0	0.1	0.0	0.0
HU	38.8	13.1	4.2	11.0	2.8	6.2	1.4	0.0	0.1
MT	2.5	1.6	0.0	0.6	0.1	0.1	0.0	0.0	0.0
NL	150.9	63.7	24.1	30.1	7.1	15.3	8.6	0.2	1.7
AT	50.3	9.6	10.4	22.0	2.0	5.3	0.8	0.0	0.2
PL	288.9	159.5	29.7	43.5	7.8	34.1	9.7	0.0	4.5
PT	42.9	14.4	7.6	15.5	1.1	1.9	1.0	0.1	1.4
RO	64.3	25.0	13.7	15.4	2.1	5.9	1.0	0.4	1.0
SI	12.7	4.4	1.6	5.3	0.3	0.7	0.2	0.0	0.1
SK	25.1	7.1	7.2	6.4	1.6	2.7	0.1	0.1	0.0
FI	43.4	19.1	8.3	11.0	1.0	1.4	1.4	1.1	0.1
SE	38.0	8.8	7.6	17.7	0.7	0.7	1.5	0.2	0.7
UK	413.5	151.0	56.6	114.3	20.0	61.0	4.1	2.0	4.3

Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: **See Annex 13 – No 4**

4.1.2 CO_2 Emissions

EU-28 AND MEMBER STATES – OTHER THAN FUEL COMBUSTION

	2014				
Million ton CO_2	Industrial Processes and Product Use	Agriculture	Waste and Others	Indirect CO_2	International aviation
EU-28	238.3	10.2	3.5	4.1	135.8
Share (%)	6.6 %	0.3 %	0.1 %	0.1 %	3.8 %
BE	15.3	0.1	0.2	0.0	4.1
BG	3.6	0.0	0.0	0.0	0.5
CZ	11.2	0.2	0.1	2.2	0.9
DK	1.2	0.2	0.0	0.4	2.7
DE	44.8	2.9	0.0	0.0	24.3
EE	0.5	0.0	0.0	0.0	0.1
IE	1.7	0.4	0.0	0.1	2.2
EL	6.3	0.0	0.0	0.0	2.8
ES	19.4	0.6	0.0	0.0	13.6
FR	18.3	1.9	1.7	0.9	16.3
HR	2.0	0.1	0.0	0.0	0.3
IT	15.7	0.4	0.2	0.0	9.4
CY	1.0	0.0	0.0	0.0	0.8
LV	0.6	0.0	0.0	0.0	0.3
LT	2.4	0.0	0.0	0.0	0.2
LU	0.5	0.0	0.0	0.0	1.2
HU	4.4	0.1	0.2	0.0	0.5
MT	0.0	0.0	0.0	0.0	0.3
NL	6.9	0.1	0.0	0.2	10.8
AT	13.8	0.1	0.0	0.0	2.0
PL	20.5	0.9	0.5	0.0	1.7
PT	4.2	0.1	0.0	0.1	3.0
RO	9.0	0.1	0.0	0.0	0.6
SI	0.8	0.0	0.0	0.0	0.1
SK	8.1	0.1	0.0	0.0	0.1
FI	3.9	0.2	0.0	0.1	1.9
SE	5.3	0.1	0.1	0.0	2.3
UK	16.9	1.4	0.3	0.0	32.6

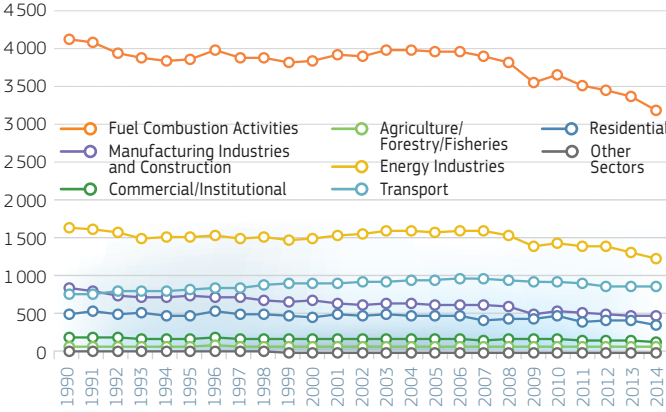
Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: **See Annex 13 – No 4**

4.1.2 CO_2 Emissions

EU-28 – TOTAL AND FUEL COMBUSTION

Million ton CO_2	CO_2 Emissions (without LULUCF with ind. CO_2)	Fuel Combustion Activities	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Sectors
1990	4539	4120.5	1649.1	856.5	770.1	200.5	501.1	90.5	22.8
1991	4478	4091.2	1612.7	811.9	777.1	210.3	542.0	90.0	18.9
1992	4340	3964.3	1573.5	754.7	800.4	193.6	509.8	87.1	16.4
1993	4262	3888.3	1506.7	726.6	804.9	191.7	525.1	90.2	14.3
1994	4249	3856.0	1515.8	727.2	809.7	178.9	492.3	89.6	14.0
1995	4296	3888.4	1512.5	743.1	821.8	182.9	495.6	89.2	13.3
1996	4400	3996.4	1542.6	731.7	847.0	199.7	542.0	91.6	11.7
1997	4316	3902.8	1495.3	724.9	858.2	184.8	509.3	88.7	11.8
1998	4315	3897.3	1512.2	692.6	885.5	183.6	498.4	86.1	11.3
1999	4254	3837.9	1469.1	671.6	905.5	183.7	484.8	86.0	10.2
2000	4286	3851.7	1500.9	679.4	902.9	176.4	471.1	83.9	9.3
2001	4351	3930.7	1540.9	654.9	917.4	191.7	506.4	84.0	8.5
2002	4325	3908.2	1557.5	637.8	928.8	179.5	486.5	82.3	8.5
2003	4426	3995.0	1608.0	648.0	939.0	180.2	499.7	82.7	9.1
2004	4443	3993.2	1593.4	644.5	959.2	184.3	491.4	83.2	10.1
2005	4426	3973.0	1586.2	634.6	959.1	184.3	487.3	83.5	9.6
2006	4439	3978.2	1597.4	629.6	966.2	188.7	477.1	80.5	9.3
2007	4389	3918.9	1605.1	630.9	975.5	166.9	424.3	77.2	9.8
2008	4296	3844.3	1530.0	602.0	955.5	186.8	454.8	78.3	8.7
2009	3949	3571.1	1406.1	504.3	930.0	178.7	441.2	76.2	8.1
2010	4071	3671.9	1429.4	538.2	926.1	187.5	477.7	78.5	7.7
2011	3928	3527.2	1405.5	524.9	914.8	168.3	402.8	76.9	7.6
2012	3866	3479.5	1399.5	504.5	879.2	165.1	423.6	75.3	6.8
2013	3784	3398.6	1324.8	496.3	873.4	167.3	426.8	75.8	6.8
2014	3604	3211.7	1234.0	486.3	878.3	144.8	361.2	73.1	6.4

CO_2 EMISSIONS – EU-28 – TOTAL AND FUEL COMBUSTION (MILLION ton CO_2)



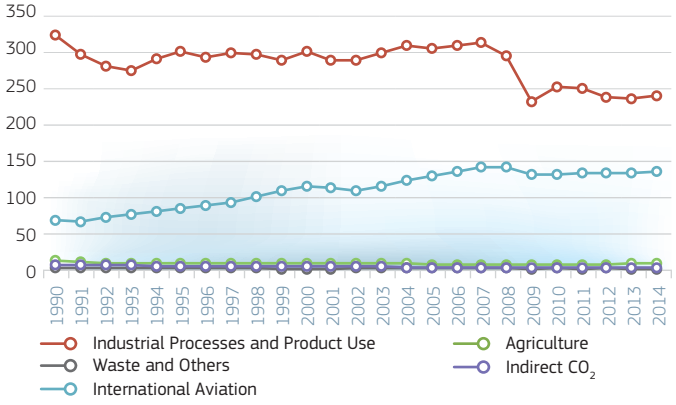
Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: See Annex 13 – No 4

4.1.2 CO_2 Emissions

EU-28 – OTHER THAN FUEL COMBUSTION

Million ton CO_2	Industrial Processes and Product Use	Agriculture	Waste and Others	Indirect CO_2	International aviation
1990	321.5	13.9	5.4	8.3	69.0
1991	294.3	11.7	5.5	8.2	67.5
1992	278.9	10.3	5.5	7.9	73.1
1993	273.0	9.9	5.4	7.7	77.3
1994	289.6	9.9	5.1	7.5	80.6
1995	299.5	11.1	4.7	7.1	85.2
1996	291.8	11.0	4.6	7.1	89.3
1997	297.5	11.4	4.0	7.0	93.5
1998	295.7	10.8	3.8	6.6	100.7
1999	286.7	10.5	3.5	6.3	108.6
2000	298.9	10.3	3.5	6.3	114.8
2001	287.3	10.1	3.5	6.1	113.1
2002	286.4	10.0	3.8	5.9	110.4
2003	296.5	10.0	4.0	5.7	114.9
2004	307.4	9.7	3.7	5.5	123.7
2005	303.8	9.2	3.8	5.5	130.5
2006	306.4	9.0	3.8	5.3	136.4
2007	311.7	9.2	3.7	5.1	140.8
2008	292.2	8.9	3.7	4.8	141.6
2009	230.0	9.2	3.5	4.5	131.0
2010	250.8	8.9	3.6	4.6	130.9
2011	249.0	9.3	3.5	4.5	134.6
2012	235.7	9.3	3.6	4.4	133.1
2013	234.3	10.0	3.5	4.3	133.8
2014	238.3	10.2	3.5	4.1	135.8

CO_2 EMISSIONS – EU-28 – OTHER THAN FUEL COMBUSTION (MILLION ton CO_2)



Source: EEA, UNFCCC v_18 June 2016
Methodology and Notes: See Annex 13 – No 4

4.2 Main Emissions Indicators

4.2.1 CO_2 per Capita

kg CO_2/cap	1995	2000	2005	2010	2013	2014
EU-28	8920.1	8803.0	8948.3	8090.3	7469.2	7108.7
Index 1995	100.0%	98.7%	100.3%	90.7%	83.7%	79.7%
BE	12677.8	12795.6	12320.0	10917.3	9462.6	8959.1
BG	6912.9	5528.5	6590.7	6480.0	5897.5	6292.7
CZ	12924.6	12584.3	12578.0	11395.1	10430.8	9918.2
DK	12376.8	10782.0	10122.9	9417.4	7951.9	7216.1
DE	11685.3	11176.6	10771.1	10466.9	10497.8	10117.8
EE	12435.5	10851.9	12126.0	13460.9	14887.9	14473.0
IE	10271.1	12443.8	12289.2	9657.7	8522.0	8436.1
EL	8502.3	9791.4	10537.6	8914.2	7759.5	7546.4
ES	6937.6	8032.3	8792.3	6373.5	5680.6	5742.8
FR	6926.8	7100.9	7034.6	6285.5	5825.2	5351.8
HR	3795.2	4532.4	5614.2	5098.2	4472.6	4340.5
IT	7966.9	8312.7	8639.8	7405.3	6220.7	5794.7
CY	10382.2	11546.1	12017.7	10795.0	8345.2	8922.3
LV	3692.3	3015.1	3553.4	4196.8	3818.0	3761.3
LT	4155.8	3380.4	4198.2	4380.8	4441.2	4405.3
LU	24043.9	22603.5	29215.8	25113.4	21320.0	20142.9
HU	5987.0	5774.1	6052.3	5272.1	4482.6	4463.2
MT	7152.6	7254.1	7408.2	7232.6	6618.6	6618.6
NL	11751.9	11489.7	11573.4	11642.5	10496.3	10031.8
AT	8249.5	8494.0	9943.3	8930.1	8274.2	7786.5
PL	9452.2	8361.0	8495.1	8890.0	8518.7	8221.1
PT	5612.5	6627.3	6822.3	5217.4	4806.6	4824.1
RO	5630.1	4209.3	4751.6	3957.9	3689.8	3709.0
SI	7707.5	7811.7	8509.9	8029.6	7393.4	6580.4
SK	8350.0	7631.4	7951.8	7132.1	6555.2	6179.6
FI	11616.0	11252.7	11137.9	12254.2	9925.8	9097.8
SE	6891.2	6393.6	6190.6	5905.7	4932.7	4735.2
UK	9984.4	10010.4	9897.6	8578.7	7908.1	7220.1

Source: EA_UNFCCC v_18 June 2016; DG ECFIN-AMECO database June 2016
Methodology and Notes: **See Annex 13 – No 4**

4.2.2 Carbon GDP Intensity

ton CO_2/M€'10	1995	2000	2005	2010	2013	2014
EU-28	446	385	362	318	292	274
Index 1995	100.0 %	86.3 %	81.1 %	71.3 %	65.4 %	61.4 %
BE	475.5	420.6	377.7	324.1	283.7	266.2
BG	2429.0	1853.8	1563.3	1274.9	1104.3	1154.1
CZ	1275.4	1130.7	925.1	762.4	697.9	650.5
DK	332.2	255.0	227.3	215.8	182.9	164.7
DE	444.2	389.3	366.2	331.9	319.7	298.6
EE	2274.1	1428.9	1099.2	1219.4	1161.9	1094.0
IE	482.9	380.3	316.3	264.4	225.9	213.3
EL	564.2	555.6	503.1	438.5	463.3	444.5
ES	384.2	370.6	371.2	274.1	259.1	257.2
FR	267.7	242.7	229.6	203.4	185.9	170.5
HR	592.4	577.7	550.5	487.4	438.9	426.0
IT	321.4	304.2	306.8	273.2	241.0	229.4
CY	572.0	562.5	520.3	462.5	410.3	445.8
LV	968.1	585.7	439.7	500.8	382.0	363.6
LT	1038.1	648.0	532.8	491.1	413.0	393.8
LU	434.2	324.0	385.1	319.0	273.0	253.7
HU	892.8	733.9	615.9	537.7	443.8	424.8
MT	612.0	511.5	499.6	453.7	387.4	377.1
NL	404.0	328.6	318.3	305.6	278.6	264.4
AT	299.7	267.9	295.2	253.1	228.4	215.6
PL	1910.7	1297.0	1128.7	934.4	830.0	774.6
PT	410.4	406.4	410.3	306.6	300.7	297.4
RO	1521.4	1139.1	925.5	633.7	553.5	538.4
SI	677.6	556.8	510.9	453.4	433.4	374.8
SK	1269.9	983.4	799.8	570.5	497.0	457.5
FI	480.0	368.1	324.7	350.5	286.9	266.0
SE	241.7	189.1	163.5	149.5	123.2	116.7
UK	437.8	380.2	335.0	295.7	264.4	236.4

Source: EA_UNFCCC v_18 June 2016; DG ECFIN-AMECO database June 2016
Methodology and Notes: **See Annex 13 – No 4**

Country Profiles

PART 5

Summary

Sources: ESTAT – Database – June 2016; EEA – UNFCCC Database – June 2016; ECFIN – AMECO Database – June 2016; ESTAT – SHARES – Feb. 2016; ESTAT – CHP Survey – June 2015; ESTAT – Market Survey – Apr. 2016

5.0 European Union 28

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**969.1**	**951.9**	**914.3**	**849.6**	**804.7**	**786.1**
Solid Fuels	279.8	214.6	196.0	164.8	156.5	150.0
of which Hard Coal	174.9	120.7	100.1	74.7	64.8	61.5
Petroleum and Products	180.8	180.0	142.5	109.6	85.1	84.5
of which Crude and NGL	172.3	169.9	129.9	94.3	69.7	68.0
Gases	191.5	209.4	190.8	159.8	132.0	117.3
of which Natural Gas	191.0	209.2	190.7	159.8	132.0	117.3
Nuclear	227.3	243.8	257.5	236.6	226.3	226.1
Renewables	84.1	97.9	119.6	167.9	192.8	195.8
Wastes, Non-Renewable	5.7	6.1	7.8	11.0	12.0	12.4
Net Imports	**736.6**	**827.2**	**980.6**	**954.2**	**908.5**	**880.9**
Solid Fuels	78.4	98.4	125.4	111.7	126.3	122.5
of which Hard Coal	76.6	94.3	122.7	111.0	126.0	122.1
Petroleum and Products	510.6	533.0	598.4	558.1	523.2	520.1
of which Crude and NGL	471.2	501.1	564.1	522.9	499.7	495.4
Gases	145.6	193.5	254.1	278.0	252.6	231.1
of which Natural Gas	145.6	193.5	254.1	278.0	252.6	231.1
Renewables	0.3	0.3	1.5	5.8	5.1	5.6
Electricity	1.8	2.0	1.4	0.6	1.1	1.3
Gross Inland Consumption	**1 674.7**	**1 730.0**	**1 831.0**	**1 763.7**	**1 666.7**	**1 605.9**
Solid Fuels	365.0	321.3	318.1	282.8	286.2	268.5
of which Hard Coal	257.6	221.5	220.4	191.7	195.3	179.7
Petroleum and Products	654.4	662.3	679.9	611.7	555.7	553.2
of which Crude and NGL	645.3	673.5	694.1	617.8	567.7	563.7
Gases	336.1	396.2	445.3	447.3	387.4	342.9
of which Natural Gas	335.7	396.0	445.2	447.2	387.3	342.9
Nuclear	227.3	243.8	257.5	236.6	226.3	226.1
Renewables	84.4	98.3	121.0	173.7	197.9	201.2
Electricity	1.8	2.0	1.4	0.6	1.1	1.3
Wastes, Non-Renewable	5.7	6.1	7.8	11.0	12.2	12.6
Primary Energy Consumption	**1 567.4**	**1 617.7**	**1 712.6**	**1 656.6**	**1 569.2**	**1 506.5**
Available for Final Consumption	**1 192.6**	**1 243.1**	**1 314.6**	**1 277.1**	**1 207.2**	**1 160.9**
Final Non-Energy Consumption	**107.3**	**112.2**	**118.5**	**107.1**	**97.5**	**99.4**
Final Energy Consumption	**1 082.7**	**1 132.8**	**1 191.3**	**1 163.8**	**1 106.6**	**1 061.7**
by Fuel/Product						
Solid Fuels	83.0	61.9	53.9	49.9	47.8	46.6
Petroleum and Products	466.1	490.5	503.8	458.8	426.8	423.0
Gases	247.6	267.7	281.3	272.6	258.7	229.3
Biomass and Renewable Wastes	43.3	48.0	57.5	79.9	80.7	79.0
Solar	0.3	0.4	0.7	1.5	1.8	1.9
Geothermal	0.4	0.4	0.4	0.4	0.5	0.5
Electricity	194.1	217.4	239.5	244.4	238.3	232.7
Derived heat	46.3	45.3	52.7	53.7	49.0	45.5
Wastes, Non-Renewable	1.6	1.0	1.5	2.7	3.0	3.3
by Sector						
Industry	331.7	333.5	328.1	287.8	278.7	274.8
Transport	306.9	344.9	369.4	364.6	348.2	352.9
Households	285.3	290.9	308.8	317.0	298.2	263.2
Services	114.2	121.2	144.0	157.7	150.9	141.2
Agriculture and Fishing	32.5	29.5	29.0	26.4	25.5	24.7
Other	12.2	12.7	11.9	10.3	5.1	4.8

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**618.5**	**681.1**	**758.0**	**883.9**	**960.8**	**977.7**
Combustible Fuels	353.3	391.5	435.1	487.9	484.5	482.5
Nuclear	128.4	136.6	135.0	131.7	123.0	123.5
Hydro	133.5	139.0	143.4	147.6	150.1	150.3
Wind	2.4	12.7	40.4	84.6	118.1	129.1
Solar PV	0.0	0.2	2.3	29.4	79.7	86.8
Geothermal	0.5	0.6	0.7	0.8	0.8	0.8
Tide, Wave and Ocean	0.2	0.2	0.2	0.2	0.2	0.2
Other Sources	0.1	0.2	0.9	0.9	2.1	2.2
Gross Electricity Generation (TWh)	**2 743.6**	**3 035.8**	**3 325.4**	**3 366.4**	**3 270.6**	**3 190.7**
Solid Fuels	945.9	933.9	960.3	829.5	875.7	808.7
Petroleum and Products	230.3	181.3	142.8	86.9	61.0	57.4
Gases	294.4	513.1	704.0	799.4	542.2	490.1
Nuclear	880.8	945.0	997.7	916.6	876.8	876.3
Renewables	382.6	448.6	495.7	710.4	889.1	930.9
Wastes, non-RES	8.7	12.1	14.2	19.2	21.2	22.6
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)				108.5	113.0	n.a.
CHP Electricity Generation (TWh)				395.4	382.0	n.a.
CHP in Total Electricity Generation (%)				11.8 %	11.7 %	n.a.
CHP Heat Production (PJ)				3 041.8	2 899.3	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	300 387	337 138	357 841	343 450	326 545	330 493
Motor Gasoline	138 159	134 043	115 286	91 771	79 224	79 000
Gas/Diesel Oil	123 436	153 117	186 005	195 506	191 392	195 107
Final Consumption Biofuels	216	709	3 198	13 102	12 939	14 007
Biogasoline	24	58	574	2 805	2 659	2 657
Biodiesel	187	636	2 470	10 259	10 275	11 342
Main Energy Indicators						
Energy Intensity (toe/M€'10)	173.9	155.4	149.7	137.9	128.4	122.0
Energy per Capita (kgoe/cap)	3 477.3	3 553.6	3 702.1	3 505.2	3 289.6	3 167.9
Final Electricity per Capita (KWh/cap)	4 688.2	5 194.7	5 631.0	5 648.3	5 469.1	5 338.5
Primary Energy Intensity (toe/M€'10)	162.7	145.3	140.0	129.5	120.9	114.4
Import Dependency (%)	**43.1 %**	**46.7 %**	**52.2 %**	**52.6 %**	**53.1 %**	**53.5 %**
of Solid Fuels	21.5 %	30.6 %	39.4 %	39.5 %	44.1 %	45.6 %
of Hard Coal	29.7 %	42.6 %	55.7 %	57.9 %	64.5 %	67.9 %
of Petroleum Fuels	74.1 %	75.7 %	82.1 %	84.5 %	87.4 %	87.4 %
of Crude and NGL	73.0 %	74.4 %	81.3 %	84.6 %	88.0 %	87.9 %
of Natural Gas	43.4 %	48.9 %	57.1 %	62.2 %	65.2 %	67.4 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			9.0 %	12.8 %	15.0 %	16.0 %
RES-H&C – Heating and Cooling			10.8 %	14.8 %	16.6 %	17.7 %
RES-E – Electricity Generation			14.9 %	19.7 %	25.4 %	27.5 %
RES-T – Transport			1.4 %	4.8 %	5.4 %	5.9 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	4 295.9	4 285.6	4 425.8	4 070.8	3 784.4	3 603.7
GHGs Emissions*	5 399.3	5 283.8	5 347.0	4 914.4	4 602.1	4 419.2
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	8 920.1	8 803.0	8 948.3	8 090.3	7 469.2	7 108.7
Carbon Intensity (kg CO_2/toe)	2 565.3	2 477.2	2 417.1	2 308.1	2 270.6	2 244.0
CO_2 GDP Intensity (ton CO_2/M€'10)	446.1	385.0	361.7	318.2	291.5	273.7

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.1 Belgium

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**11.83**	**13.61**	**13.72**	**16.15**	**15.54**	**13.21**
Solid Fuels	0.31	0.21	0.06			
of which Hard Coal	0.31	0.21	0.06	0.00	0.00	0.00
Petroleum and Products	0.00	0.00	0.01	0.80	0.91	0.99
of which Crude and NGL						
Gases	0.00	0.00				
of which Natural Gas	0.00	0.00				
Nuclear	10.67	12.42	12.28	12.37	11.00	8.69
Renewables	0.44	0.53	0.88	2.24	2.91	2.86
Wastes, Non-Renewable	0.41	0.44	0.50	0.74	0.72	0.66
Net Imports	**46.64**	**50.53**	**53.46**	**53.59**	**48.53**	**47.07**
Solid Fuels	9.42	7.33	5.27	3.73	3.22	3.37
of which Hard Coal	8.90	6.56	4.96	3.72	3.10	3.08
Petroleum and Products	26.37	29.45	32.55	32.45	29.46	28.94
of which Crude and NGL	26.18	34.04	31.77	33.11	27.91	32.57
Gases	10.42	13.28	14.82	16.79	14.47	12.75
of which Natural Gas	10.42	13.28	14.82	16.79	14.47	12.75
Renewables	0.09	0.10	0.28	0.57	0.56	0.50
Electricity	0.35	0.37	0.54	0.05	0.83	1.51
Gross Inland Consumption	**53.83**	**59.33**	**59.08**	**61.17**	**56.52**	**53.37**
Solid Fuels	8.65	8.03	5.20	3.81	3.37	3.29
of which Hard Coal	8.21	7.26	4.91	3.71	3.31	2.97
Petroleum and Products	22.61	24.06	24.67	24.41	22.73	23.25
of which Crude and NGL	26.23	33.97	31.92	33.13	27.89	32.53
Gases	10.61	13.37	14.73	16.99	14.40	12.60
of which Natural Gas	10.61	13.37	14.73	16.99	14.40	12.60
Nuclear	10.67	12.42	12.28	12.37	11.00	8.69
Renewables	0.53	0.64	1.16	2.80	3.47	3.36
Electricity	0.35	0.37	0.54	0.05	0.83	1.51
Wastes, Non-Renewable	0.41	0.44	0.50	0.74	0.72	0.66
Primary Energy Consumption	**48.01**	**52.41**	**51.37**	**53.90**	**48.65**	**44.98**
Available for Final Consumption	**39.91**	**44.88**	**44.45**	**46.53**	**43.83**	**42.48**
Final Non-Energy Consumption	**5.82**	**6.92**	**7.71**	**7.27**	**7.87**	**8.39**
Final Energy Consumption	**34.43**	**37.64**	**36.59**	**38.64**	**36.16**	**34.05**
by Fuel/Product						
Solid Fuels	3.33	3.40	2.03	1.63	1.58	1.66
Petroleum and Products	16.03	16.54	16.46	16.38	15.12	14.68
Gases	8.52	10.01	10.01	11.17	10.01	8.45
Biomass and Renewable Wastes	0.35	0.41	0.64	1.51	1.70	1.62
Solar	0.00	0.00	0.00	0.01	0.02	0.02
Geothermal					0.00	0.00
Electricity	5.89	6.67	6.90	7.16	7.03	6.93
Derived heat	0.23	0.49	0.43	0.64	0.56	0.52
Wastes, Non-Renewable	0.09	0.12	0.12	0.14	0.15	0.16
by Sector						
Industry	11.99	14.22	11.78	12.89	11.78	11.68
Transport	8.57	9.66	9.89	10.53	9.70	10.03
Households	9.30	9.47	9.93	9.24	8.98	7.39
Services	3.46	3.48	4.15	5.04	4.89	4.26
Agriculture and Fishing	1.10	0.78	0.81	0.86	0.76	0.65
Other	0.00	0.03	0.03	0.08	0.05	0.04

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**14.92**	**15.69**	**16.10**	**18.69**	**20.98**	**20.92**
Combustible Fuels	7.88	8.55	8.71	9.52	8.91	8.61
Nuclear	5.63	5.71	5.80	5.93	5.93	5.93
Hydro	1.40	1.41	1.41	1.43	1.43	1.43
Wind	0.01	0.01	0.17	0.91	1.79	1.93
Solar PV	0.00	0.00	0.00	0.90	2.92	3.02
Geothermal					0.00	0.00
Tide, Wave and Ocean						
Other Sources					0.00	0.00
Gross Electricity Generation (TWh)	**74.41**	**84.01**	**87.03**	**95.19**	**83.53**	**72.69**
Solid Fuels	16.52	12.92	8.20	4.20	3.01	2.23
Petroleum and Products	1.31	0.80	1.74	0.41	0.16	0.22
Gases	12.94	19.09	25.14	33.18	23.07	21.46
Nuclear	41.36	48.16	47.60	47.94	42.64	33.70
Renewables	1.56	2.28	3.42	7.85	12.97	13.40
Wastes, non-RES	0.72	0.77	0.66	1.36	1.32	1.27
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.89	2.58	2.34	n.a.
CHP Electricity Generation (TWh)			7.36	15.20	12.67	n.a.
CHP in Total Electricity Generation (%)			8.5 %	16.0 %	15.2 %	n.a.
CHP Heat Production (PJ)			75.86	0.00	27.14	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	8440	9537	9745	10019	9170	9448
Motor Gasoline	2977	2359	1815	1235	1169	1268
Gas/Diesel Oil	4283	5416	6496	7347	6679	6799
Final Consumption Biofuels				363	340	397
Biogasoline				57	52	39
Biodiesel				306	288	357
Main Energy Indicators						
Energy Intensity (toe/M€'10)	199.3	190.5	173.4	167.5	151.8	141.5
Energy per Capita (kgoe/cap)	5313.7	5794.6	5655.5	5642.9	5063.9	4763.2
Final Electricity per Capita (KWh/cap)	6756.6	7573.1	7677.9	7685.6	7323.7	7190.4
Primary Energy Intensity (toe/M€'10)	177.8	168.3	150.7	147.6	130.7	119.3
Import Dependency (%)	**80.8 %**	**78.1 %**	**80.1 %**	**77.9 %**	**77.4 %**	**80.1 %**
of Solid Fuels	108.9 %	91.3 %	101.3 %	97.9 %	95.3 %	102.3 %
of Hard Coal	108.5 %	90.4 %	100.9 %	100.2 %	93.7 %	103.9 %
of Petroleum Fuels	99.6 %	100.2 %	100.8 %	101.4 %	102.0 %	101.1 %
of Crude and NGL	99.8 %	100.2 %	99.5 %	99.9 %	100.1 %	100.1 %
of Natural Gas	98.2 %	99.3 %	100.6 %	98.8 %	100.5 %	101.2 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			2.3 %	5.5 %	7.5 %	8.0 %
RES-H&C – Heating and Cooling			3.4 %	5.8 %	7.5 %	7.8 %
RES-E – Electricity Generation			2.4 %	7.1 %	12.4 %	13.4 %
RES-T – Transport			0.2 %	4.2 %	4.3 %	4.9 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	128.43	131.01	128.69	118.34	105.62	100.38
GHGs Emissions*	156.94	153.92	148.39	137.46	123.26	117.93
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	12677.8	12795.6	12320.0	10917.3	9462.6	8959.1
Carbon Intensity (kg CO_2/toe)	2385.9	2208.2	2178.4	1934.7	1868.7	1880.9
CO_2 GDP Intensity (ton CO_2/M€'10)	475.5	420.6	377.7	324.1	283.7	266.2

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.2 Bulgaria

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**10.27**	**9.87**	**10.70**	**10.53**	**10.59**	**11.32**
Solid Fuels	5.29	4.30	4.18	4.94	4.79	5.12
of which Hard Coal	0.97	0.05	0.00	0.02	0.01	0.01
Petroleum and Products	0.06	0.07	0.13	0.06	0.06	0.07
of which Crude and NGL	0.04	0.04	0.03	0.02	0.03	0.03
Gases	0.04	0.01	0.38	0.06	0.23	0.16
of which Natural Gas	0.04	0.01	0.38	0.06	0.23	0.16
Nuclear	4.46	4.70	4.83	3.96	3.67	4.11
Renewables	0.42	0.78	1.12	1.50	1.83	1.84
Wastes, Non-Renewable	0.00	0.01	0.06	0.01	0.01	0.02
Net Imports	**12.83**	**8.54**	**9.28**	**7.08**	**6.36**	**6.15**
Solid Fuels	2.42	2.26	2.55	1.70	0.97	0.93
of which Hard Coal	2.35	2.25	2.49	1.67	0.96	0.89
Petroleum and Products	5.87	3.94	4.94	4.03	3.70	3.87
of which Crude and NGL	7.39	5.18	5.84	5.37	5.50	4.95
Gases	4.56	2.74	2.46	2.13	2.23	2.22
of which Natural Gas	4.56	2.74	2.46	2.13	2.23	2.22
Renewables	-0.01	0.00	-0.03	-0.06	-0.01	-0.06
Electricity	-0.01	-0.40	-0.65	-0.73	-0.53	-0.81
Gross Inland Consumption	**22.69**	**18.52**	**19.75**	**17.77**	**16.76**	**17.73**
Solid Fuels	7.62	6.43	6.90	6.89	5.93	6.40
of which Hard Coal	3.21	2.23	2.63	1.89	1.08	1.20
Petroleum and Products	5.63	4.07	4.72	3.89	3.47	3.87
of which Crude and NGL	7.41	5.25	5.98	5.41	5.48	4.99
Gases	4.58	2.93	2.80	2.30	2.40	2.36
of which Natural Gas	4.58	2.93	2.80	2.30	2.40	2.36
Nuclear	4.46	4.70	4.83	3.96	3.67	4.11
Renewables	0.41	0.78	1.10	1.46	1.81	1.79
Electricity	-0.01	-0.40	-0.65	-0.73	-0.53	-0.81
Wastes, Non-Renewable	0.00	0.01	0.06	0.01	0.01	0.02
Primary Energy Consumption	**21.46**	**17.54**	**18.91**	**17.35**	**16.29**	**17.22**
Available for Final Consumption	**12.93**	**9.99**	**10.56**	**8.79**	**8.69**	**8.95**
Final Non-Energy Consumption	**1.23**	**0.98**	**0.85**	**0.42**	**0.46**	**0.51**
Final Energy Consumption	**11.42**	**9.11**	**10.19**	**8.84**	**8.78**	**9.01**
by Fuel/Product						
Solid Fuels	1.26	0.88	0.98	0.41	0.37	0.32
Petroleum and Products	2.93	3.03	3.72	3.13	2.78	3.06
Gases	1.79	1.68	1.57	1.06	1.16	1.20
Biomass and Renewable Wastes	0.18	0.55	0.69	0.91	1.13	1.07
Solar			0.00	0.01	0.02	0.02
Geothermal			0.03	0.03	0.03	0.03
Electricity	2.47	2.09	2.21	2.33	2.37	2.38
Derived heat	2.80	0.88	0.94	0.96	0.91	0.90
Wastes, Non-Renewable	0.00	0.01	0.05	0.01	0.01	0.02
by Sector						
Industry	6.01	3.97	4.04	2.56	2.59	2.62
Transport	1.85	2.01	2.90	2.86	2.79	3.11
Households	2.47	2.16	2.12	2.25	2.25	2.17
Services	0.19	0.65	0.82	0.99	0.97	0.93
Agriculture and Fishing	0.38	0.31	0.30	0.19	0.19	0.19
Other	0.51	0.01	0.00	0.00	0.00	0.00

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**1.98**	**11.09**	**12.26**	**10.03**	**11.59**	**11.39**
Combustible Fuels	0.00	5.67	6.68	4.58	4.70	4.47
Nuclear	0.00	3.53	2.72	1.89	1.98	1.98
Hydro	1.98	1.88	2.85	3.05	3.20	3.22
Wind	0.00	0.00	0.01	0.49	0.68	0.70
Solar PV	0.00	0.00	0.00	0.03	1.02	1.03
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**41.79**	**40.92**	**44.37**	**46.65**	**43.78**	**47.49**
Solid Fuels	17.32	16.94	18.46	22.61	19.39	21.31
Petroleum and Products	1.44	0.66	0.61	0.39	0.23	0.21
Gases	3.45	2.18	1.90	1.97	2.34	2.14
Nuclear	17.26	18.18	18.65	15.25	14.17	15.87
Renewables	2.31	2.95	4.74	6.42	7.64	7.95
Wastes, non-RES	0.00	0.02	0.02	0.00	0.00	0.00
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.2	1.0	1.2	n.a.
CHP Electricity Generation (TWh)			2.7	3.7	3.7	n.a.
CHP in Total Electricity Generation (%)			6.1 %	8.0 %	8.5 %	n.a.
CHP Heat Production (PJ)			50.4	40.4	40.4	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 776	1 804	2 624	2 608	2 399	2 702
Motor Gasoline	1 161	707	571	611	442	505
Gas/Diesel Oil	278	779	1 416	1 441	1 387	1 584
Final Consumption Biofuels				13	104	111
Biogasoline					8	15
Biodiesel				10	96	96
Main Energy Indicators						
Energy Intensity (toe/M€'10)	946.0	758.3	609.4	471.2	430.7	448.8
Energy per Capita (kgoe/cap)	2 692.3	2 261.4	2 569.3	2 394.8	2 300.2	2 447.3
Final Electricity per Capita (KWh/cap)	3 404.2	2 960.7	3 344.7	3 651.8	3 779.5	3 819.4
Primary Energy Intensity (toe/M€'10)	894.6	718.2	583.2	460.0	418.8	435.9
Import Dependency (%)	**55.9 %**	**46.0 %**	**46.7 %**	**39.6 %**	**37.7 %**	**34.5 %**
of Solid Fuels	31.8 %	35.1 %	37.0 %	24.7 %	16.4 %	14.5 %
of Hard Coal	73.0 %	100.5 %	94.7 %	88.3 %	89.0 %	73.9 %
of Petroleum Fuels	99.6 %	95.4 %	102.2 %	101.1 %	103.9 %	97.9 %
of Crude and NGL	99.7 %	98.7 %	97.7 %	99.1 %	100.3 %	99.0 %
of Natural Gas	99.5 %	93.6 %	87.7 %	92.7 %	92.8 %	94.0 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			9.4 %	14.1 %	19.0 %	18.0 %
RES-H&C – Heating and Cooling			14.3 %	24.4 %	29.2 %	28.3 %
RES-E – Electricity Generation			9.3 %	12.7 %	18.9 %	18.9 %
RES-T – Transport			0.3 %	1.0 %	5.6 %	5.3 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	58.26	45.28	50.67	48.09	42.96	45.59
GHGs Emissions*	74.44	58.51	63.23	60.33	55.43	57.71
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	6 912.9	5 528.5	6 590.7	6 480.0	5 897.5	6 292.7
Carbon Intensity (kg CO_2/toe)	2 567.7	2 444.7	2 565.2	2 705.8	2 563.9	2 571.3
CO_2 GDP Intensity (ton CO_2/M€'10)	2 429.0	1 853.8	1 563.3	1 274.9	1 104.3	1 154.1

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.3 Czech Republic

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**32.46**	**30.54**	**32.86**	**31.58**	**30.08**	**29.22**
Solid Fuels	27.57	25.05	23.57	20.73	17.77	16.93
of which Hard Coal	10.80	9.42	8.41	7.41	5.81	5.68
Petroleum and Products	0.30	0.39	0.59	0.30	0.29	0.33
of which Crude and NGL	0.15	0.17	0.31	0.18	0.16	0.15
Gases	0.20	0.17	0.15	0.20	0.21	0.21
of which Natural Gas	0.20	0.17	0.15	0.20	0.21	0.21
Nuclear	3.16	3.51	6.41	7.25	7.96	7.84
Renewables	1.20	1.34	1.97	2.90	3.64	3.66
Wastes, Non-Renewable	0.03	0.09	0.17	0.20	0.22	0.25
Net Imports	**8.60**	**9.41**	**12.64**	**11.45**	**11.79**	**12.59**
Solid Fuels	-5.78	-4.72	-3.27	-2.97	-1.91	-0.79
of which Hard Coal	-2.86	-3.52	-2.77	-2.86	-1.89	-0.96
Petroleum and Products	7.91	7.51	9.65	8.98	8.27	8.85
of which Crude and NGL	6.96	5.57	7.65	7.81	6.65	7.48
Gases	6.42	7.48	7.54	6.85	6.96	5.95
of which Natural Gas	6.42	7.48	7.54	6.85	6.96	5.95
Renewables	0.01	0.00	-0.19	-0.12	-0.08	-0.02
Electricity	0.04	-0.86	-1.09	-1.29	-1.45	-1.40
Gross Inland Consumption	**41.71**	**41.09**	**45.12**	**44.67**	**42.19**	**41.46**
Solid Fuels	22.66	21.64	20.25	18.36	16.38	15.88
of which Hard Coal	8.35	6.28	5.61	4.93	4.64	4.53
Petroleum and Products	8.08	7.88	9.90	9.30	8.57	9.07
of which Crude and NGL	6.95	5.85	7.70	8.01	6.79	7.62
Gases	6.55	7.50	7.70	8.07	6.95	6.18
of which Natural Gas	6.55	7.50	7.70	8.07	6.95	6.18
Nuclear	3.16	3.51	6.41	7.25	7.96	7.84
Renewables	1.20	1.34	1.78	2.78	3.57	3.64
Electricity	0.04	-0.86	-1.09	-1.29	-1.45	-1.40
Wastes, Non-Renewable	0.03	0.09	0.17	0.20	0.22	0.25
Primary Energy Consumption	**39.39**	**39.00**	**42.17**	**41.90**	**39.61**	**38.55**
Available for Final Consumption	**27.86**	**27.23**	**29.24**	**28.35**	**26.21**	**26.05**
Final Non-Energy Consumption	**2.32**	**2.09**	**2.95**	**2.78**	**2.58**	**2.90**
Final Energy Consumption	**26.09**	**24.80**	**26.03**	**24.86**	**23.85**	**23.02**
by Fuel/Product						
Solid Fuels	6.12	5.13	3.77	2.42	2.45	1.90
Petroleum and Products	5.09	5.32	6.82	6.54	6.14	6.37
Gases	6.17	6.49	6.74	6.67	5.92	5.41
Biomass and Renewable Wastes	0.89	0.92	1.33	1.89	2.11	2.13
Solar	0.00	0.00	0.00	0.01	0.02	0.02
Geothermal					0.00	0.00
Electricity	4.13	4.25	4.75	4.92	4.88	4.83
Derived heat	3.66	2.62	2.48	2.25	2.18	2.16
Wastes, Non-Renewable	0.02	0.06	0.13	0.16	0.16	0.20
by Sector						
Industry	12.51	10.13	9.68	7.94	7.57	7.48
Transport	2.84	4.37	6.10	6.22	6.00	6.22
Households	6.35	6.15	6.35	6.67	6.40	5.67
Services	2.42	2.97	3.11	3.19	3.01	2.80
Agriculture and Fishing	1.23	0.66	0.55	0.56	0.61	0.60
Other	0.74	0.52	0.25	0.29	0.26	0.25

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**13.80**	**15.32**	**17.41**	**19.83**	**21.08**	**21.97**
Combustible Fuels	10.64	11.47	11.46	11.79	12.21	13.08
Nuclear	1.76	1.76	3.76	3.90	4.29	4.29
Hydro	1.40	2.10	2.17	2.20	2.25	2.25
Wind	0.00	0.00	0.02	0.21	0.26	0.28
Solar PV	0.00	0.00	0.00	1.73	2.06	2.07
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**60.85**	**73.47**	**82.58**	**85.91**	**87.07**	**86.02**
Solid Fuels	44.34	52.75	49.52	47.11	41.71	40.92
Petroleum and Products	0.59	0.37	0.33	0.16	0.05	0.04
Gases	1.00	3.91	4.22	4.12	4.29	4.45
Nuclear	12.23	13.59	24.73	28.00	30.75	30.33
Renewables	2.68	2.84	3.78	6.49	10.21	10.22
Wastes, non-RES	0.00	0.01	0.01	0.03	0.06	0.07
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.20	4.79	4.65	n.a.
CHP Electricity Generation (TWh)			13.87	12.24	11.97	n.a.
CHP in Total Electricity Generation (%)			16.8 %	14.2 %	13.7 %	n.a.
CHP Heat Production (PJ)			150.67	135.67	120.92	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2601	4076	5866	5783	5533	5705
Motor Gasoline	1694	1922	2125	1868	1574	1558
Gas/Diesel Oil	704	1886	3322	3492	3584	3757
Final Consumption Biofuels	16	62	3	231	277	317
Biogasoline	0	0	0	58	54	66
Biodiesel	16	62	3	173	224	251
Main Energy Indicators						
Energy Intensity (toe/M€'10)	398.3	359.3	325.4	285.7	268.4	258.6
Energy per Capita (kgoe/cap)	4036.7	3998.2	4424.1	4269.8	4011.9	3943.5
Final Electricity per Capita (KWh/cap)	4653.2	4804.5	5421.3	5467.7	5390.9	5346.3
Primary Energy Intensity (toe/M€'10)	376.2	341.0	304.1	267.9	252.0	240.5
Import Dependency (%)	**20.6 %**	**22.9 %**	**28.0 %**	**25.6 %**	**27.9 %**	**30.4 %**
of Solid Fuels	-25.5 %	-21.8 %	-16.1 %	-16.2 %	-11.6 %	-5.0 %
of Hard Coal	-34.2 %	-56.1 %	-49.4 %	-58.0 %	-40.6 %	-21.3 %
of Petroleum Fuels	98.0 %	95.3 %	97.5 %	96.5 %	96.4 %	97.6 %
of Crude and NGL	100.2 %	95.2 %	99.3 %	97.6 %	98.0 %	98.2 %
of Natural Gas	98.0 %	99.8 %	97.8 %	84.8 %	100.2 %	96.3 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			6.0 %	9.5 %	12.4 %	13.4 %
RES-H&C – Heating and Cooling			9.1 %	12.6 %	15.4 %	16.7 %
RES-E – Electricity Generation			3.7 %	7.5 %	12.8 %	13.9 %
RES-T – Transport			0.5 %	4.5 %	5.6 %	6.1 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	133.55	129.34	128.28	119.22	109.69	104.26
GHGs Emissions*	158.68	151.49	149.66	141.14	131.60	126.77
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	12924.6	12584.3	12578.0	11395.1	10430.8	9918.2
Carbon Intensity (kg CO_2/toe)	3201.8	3147.5	2843.0	2668.8	2599.9	2515.0
CO_2 GDP Intensity (ton CO_2/M€'10)	1275.4	1130.7	925.1	762.4	697.9	650.5

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.4 Denmark

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**16.26**	**28.77**	**30.78**	**22.92**	**16.48**	**15.81**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	9.99	19.28	18.46	12.04	8.70	8.09
of which Crude and NGL	9.29	18.09	18.46	12.04	8.70	8.08
Gases	4.73	7.43	9.40	7.36	4.30	4.16
of which Natural Gas	4.70	7.41	9.38	7.34	4.28	4.15
Nuclear						
Renewables	1.29	1.74	2.51	3.11	3.09	3.14
Wastes, Non-Renewable	0.25	0.33	0.41	0.41	0.40	0.42
Net Imports	**7.27**	**-7.37**	**-10.13**	**-3.25**	**2.51**	**2.26**
Solid Fuels	7.66	3.78	3.51	2.64	2.85	2.51
of which Hard Coal	7.63	3.75	3.48	2.63	2.83	2.50
Petroleum and Products	1.17	-8.39	-9.07	-3.59	-0.91	-0.47
of which Crude and NGL	0.62	-9.86	-10.87	-4.94	-1.50	-1.33
Gases	-1.50	-2.88	-5.01	-3.02	-0.77	-1.31
of which Natural Gas	-1.50	-2.88	-5.01	-3.02	-0.77	-1.31
Renewables	0.01	0.06	0.33	0.81	1.25	1.29
Electricity	-0.07	0.06	0.12	-0.10	0.09	0.25
Gross Inland Consumption	**20.20**	**19.74**	**19.56**	**20.04**	**18.22**	**16.91**
Solid Fuels	6.50	3.99	3.71	3.81	3.14	2.39
of which Hard Coal	6.47	3.96	3.69	3.79	3.13	2.38
Petroleum and Products	9.03	9.10	8.06	7.57	6.92	6.59
of which Crude and NGL	9.77	8.18	7.70	7.18	7.17	6.88
Gases	3.20	4.47	4.41	4.44	3.33	2.83
of which Natural Gas	3.17	4.45	4.40	4.42	3.32	2.81
Nuclear						
Renewables	1.30	1.80	2.84	3.92	4.33	4.44
Electricity	-0.07	0.06	0.12	-0.10	0.09	0.25
Wastes, Non-Renewable	0.25	0.33	0.41	0.41	0.40	0.42
Primary Energy Consumption	**19.88**	**19.44**	**19.27**	**19.78**	**17.94**	**16.65**
Available for Final Consumption	**15.03**	**15.02**	**15.47**	**15.67**	**14.61**	**13.68**
Final Non-Energy Consumption	**0.32**	**0.30**	**0.29**	**0.26**	**0.28**	**0.25**
Final Energy Consumption	**14.82**	**14.72**	**15.50**	**15.52**	**14.06**	**13.52**
by Fuel/Product						
Solid Fuels	0.38	0.29	0.25	0.14	0.13	0.13
Petroleum and Products	7.26	7.06	7.30	6.75	5.80	5.75
Gases	1.69	1.67	1.71	1.75	1.58	1.45
Biomass and Renewable Wastes	0.58	0.63	0.91	1.26	1.29	1.23
Solar	0.01	0.01	0.01	0.01	0.01	0.01
Geothermal				0.00	0.00	0.00
Electricity	2.66	2.79	2.88	2.76	2.68	2.63
Derived heat	2.24	2.25	2.42	2.84	2.55	2.29
Wastes, Non-Renewable	0.01	0.02	0.03	0.02	0.02	0.02
by Sector						
Industry	3.00	2.92	2.85	2.41	2.13	2.09
Transport	4.54	4.82	5.32	5.18	4.80	4.92
Households	4.48	4.16	4.45	4.91	4.36	3.96
Services	1.84	1.84	2.00	2.13	1.98	1.83
Agriculture and Fishing	0.94	0.96	0.86	0.88	0.79	0.73
Other	0.02	0.01	0.01	0.01	0.01	0.01

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**10.82**	**12.32**	**13.04**	**13.44**	**13.81**	**13.66**
Combustible Fuels	10.21	9.92	9.89	9.62	8.41	8.15
Nuclear						
Hydro	0.01	0.01	0.01	0.01	0.01	0.01
Wind	0.60	2.39	3.13	3.80	4.82	4.89
Solar PV	0.00	0.00	0.00	0.01	0.57	0.61
Geothermal					0.00	0.00
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**36.76**	**36.05**	**36.25**	**38.86**	**34.76**	**32.18**
Solid Fuels	27.36	16.67	15.46	17.01	14.29	11.06
Petroleum and Products	3.63	4.44	1.38	0.77	0.35	0.32
Gases	3.64	8.77	8.78	7.91	3.42	2.10
Nuclear						
Renewables	1.85	5.57	9.81	12.43	15.98	17.98
Wastes, non-RES	0.27	0.56	0.82	0.75	0.72	0.72
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.69	5.81	5.88	n.a.
CHP Electricity Generation (TWh)			18.89	19.10	17.58	n.a.
CHP in Total Electricity Generation (%)			52.1 %	49.1 %	50.6 %	n.a.
CHP Heat Production (PJ)			118.98	124.74	103.15	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	4522	4786	5292	5118	4536	4652
Motor Gasoline	1944	2019	1922	1574	1336	1322
Gas/Diesel Oil	1814	1863	2372	2649	2291	2359
Final Consumption Biofuels				27	227	231
Biogasoline				27		
Biodiesel				0	227	231
Main Energy Indicators						
Energy Intensity (toe/M€'10)	104.0	87.6	81.1	83.0	74.8	68.6
Energy per Capita (kgoe/cap)	3873.5	3702.8	3613.8	3621.5	3251.3	3004.1
Final Electricity per Capita (KWh/cap)	5921.5	6089.5	6183.6	5792.1	5571.1	5442.3
Primary Energy Intensity (toe/M€'10)	102.3	86.2	79.9	81.9	73.7	67.5
Import Dependency (%)	**33.4 %**	**-35.0 %**	**-49.8 %**	**-15.7 %**	**13.3 %**	**12.8 %**
of Solid Fuels	117.9 %	94.9 %	94.4 %	69.4 %	90.7 %	105.2 %
of Hard Coal	118.0 %	94.7 %	94.3 %	69.3 %	90.6 %	105.1 %
of Petroleum Fuels	11.0 %	-80.8 %	-102.7 %	-43.4 %	-12.0 %	-6.4 %
of Crude and NGL	6.3 %	-120.5 %	-141.3 %	-68.8 %	-20.9 %	-19.4 %
of Natural Gas	-47.2 %	-64.8 %	-113.9 %	-68.3 %	-23.3 %	-46.7 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			16.0 %	22.1 %	27.3 %	29.2 %
RES-H&C – Heating and Cooling			22.8 %	30.9 %	34.9 %	37.8 %
RES-E – Electricity Generation			24.6 %	32.7 %	43.1 %	48.5 %
RES-T – Transport			0.2 %	0.9 %	5.7 %	5.8 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	64.55	57.47	54.78	52.12	44.55	40.61
GHGs Emissions*	80.45	73.42	69.29	66.03	57.95	53.88
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	12376.8	10782.0	10122.9	9417.4	7951.9	7216.1
Carbon Intensity (kg CO_2/toe)	3195.3	2911.9	2801.1	2600.4	2445.7	2402.1
CO_2 GDP Intensity (ton CO_2/M€'10)	332.2	255.0	227.3	215.8	182.9	164.7

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.5 Germany

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**145.26**	**135.60**	**139.11**	**133.03**	**125.32**	**124.91**
Solid Fuels	78.94	60.63	56.48	45.91	45.06	44.13
of which Hard Coal	38.10	24.16	18.03	9.25	5.47	5.50
Petroleum and Products	4.30	4.73	7.53	8.14	8.52	8.54
of which Crude and NGL	2.97	3.20	3.45	2.46	2.61	2.42
Gases	15.10	15.82	14.33	11.11	8.87	6.86
of which Natural Gas	15.10	15.80	14.33	11.11	8.87	6.86
Nuclear	39.51	43.75	42.06	36.26	25.10	25.06
Renewables	5.98	8.98	16.85	27.71	33.68	36.02
Wastes, Non-Renewable	1.44	1.68	1.85	3.91	4.11	4.30
Net Imports	**195.18**	**204.71**	**208.11**	**201.69**	**204.59**	**194.21**
Solid Fuels	10.27	21.66	25.97	31.65	36.30	35.66
of which Hard Coal	8.17	17.19	23.76	29.15	34.74	34.51
Petroleum and Products	131.60	125.92	120.24	109.83	107.80	105.40
of which Crude and NGL	101.60	101.44	111.04	91.61	89.59	88.72
Gases	52.90	56.87	61.94	61.65	63.54	56.67
of which Natural Gas	52.90	56.87	61.94	61.65	63.54	56.67
Renewables	0.00	0.00	0.36	-0.14	-0.28	-0.61
Electricity	0.42	0.26	-0.39	-1.29	-2.77	-2.91
Gross Inland Consumption	**341.64**	**342.33**	**341.91**	**332.97**	**324.49**	**312.97**
Solid Fuels	91.64	84.80	81.95	78.82	81.61	79.62
of which Hard Coal	47.71	43.80	41.30	39.57	40.41	39.89
Petroleum and Products	135.37	130.98	121.46	111.80	109.95	108.42
of which Crude and NGL	104.82	108.09	114.11	94.49	91.65	90.77
Gases	67.30	71.88	77.78	75.91	73.10	63.09
of which Natural Gas	67.30	71.85	77.78	75.91	73.10	63.09
Nuclear	39.51	43.75	42.06	36.26	25.10	25.06
Renewables	5.98	8.98	17.21	27.57	33.40	35.41
Electricity	0.42	0.26	-0.39	-1.29	-2.77	-2.91
Wastes, Non-Renewable	1.44	1.68	1.85	3.91	4.11	4.30
Primary Energy Consumption	**318.02**	**317.27**	**317.25**	**310.39**	**302.76**	**290.84**
Available for Final Consumption	**244.01**	**247.33**	**247.12**	**242.94**	**239.05**	**229.54**
Final Non-Energy Consumption	**23.62**	**25.06**	**24.66**	**22.58**	**21.73**	**22.13**
Final Energy Consumption	**221.62**	**220.01**	**218.46**	**219.65**	**217.65**	**208.88**
by Fuel/Product						
Solid Fuels	13.89	10.96	8.24	9.38	9.66	9.73
Petroleum and Products	105.63	99.74	90.31	83.17	83.87	81.90
Gases	51.83	56.08	55.14	56.43	55.19	49.76
Biomass and Renewable Wastes	2.69	4.72	8.54	12.14	11.91	12.52
Solar	0.04	0.11	0.26	0.48	0.58	0.63
Geothermal	0.00	0.00	0.04	0.05	0.07	0.08
Electricity	38.80	41.57	44.91	45.78	44.99	44.10
Derived heat	8.75	6.83	10.75	11.27	10.39	9.15
Wastes, Non-Renewable	0.00	0.00	0.28	0.95	1.01	1.02
by Sector						
Industry	60.14	57.57	59.09	60.56	60.74	60.72
Transport	63.66	66.77	62.32	61.10	62.58	63.47
Households	66.25	65.24	63.50	62.45	59.70	51.53
Services	25.89	25.79	33.19	35.36	34.49	33.04
Agriculture and Fishing	1.99	0.29	0.02	0.00	0.00	0.00
Other	3.69	4.35	0.34	0.18	0.15	0.13

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**116.23**	**118.88**	**128.61**	**162.70**	**186.12**	**198.42**
Combustible Fuels	83.36	80.79	76.38	85.82	91.37	97.20
Nuclear	22.83	22.40	20.38	20.47	12.07	12.07
Hydro	8.88	9.49	10.86	11.22	11.24	11.23
Wind	1.14	6.10	18.38	27.18	34.66	39.19
Solar PV	0.02	0.11	2.06	17.55	36.34	38.23
Geothermal				0.01	0.02	0.02
Tide, Wave and Ocean						
Other Sources	0.00	0.00	0.57	0.45	0.42	0.45
Gross Electricity Generation (TWh)	**537.28**	**576.54**	**622.58**	**632.98**	**638.73**	**627.80**
Solid Fuels	289.14	296.69	288.14	262.90	288.20	274.41
Petroleum and Products	8.98	4.79	12.00	8.74	7.20	5.66
Gases	50.40	59.97	83.61	100.91	79.55	72.77
Nuclear	153.09	169.61	163.06	140.56	97.29	97.13
Renewables	30.40	39.71	69.28	111.21	158.15	168.37
Wastes, non-RES	5.26	5.79	3.25	6.35	6.58	7.43
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			20.8	24.6	27.3	n.a.
CHP Electricity Generation (TWh)			77.9	83.2	78.7	n.a.
CHP in Total Electricity Generation (%)			12.5 %	13.1 %	12.4 %	n.a.
CHP Heat Production (PJ)			652.5	675.8	654.0	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	62 229	65 139	58 489	56 660	58 396	59 231
Motor Gasoline	32 059	30 651	23 722	18 859	17 591	17 682
Gas/Diesel Oil	24 099	27 047	26 364	28 449	31 183	32 175
Final Consumption Biofuels	36	236	1 859	2 884	2 658	2 740
Biogasoline			153	749	765	779
Biodiesel	31	222	1 552	2 104	1 893	1 957
Main Energy Indicators						
Energy Intensity (toe/M€'10)	159.3	145.1	140.9	129.1	120.5	114.4
Energy per Capita (kgoe/cap)	4 189.9	4 166.5	4 144.3	4 070.4	3 956.2	3 874.9
Final Electricity per Capita (KWh/cap)	5 533.7	5 884.0	6 330.4	6 508.7	6 378.9	6 349.5
Primary Energy Intensity (toe/M€'10)	148.3	134.5	130.7	120.3	112.4	106.3
Import Dependency (%)	**56.8 %**	**59.4 %**	**60.4 %**	**60.1 %**	**62.6 %**	**61.6 %**
of Solid Fuels	11.2 %	25.5 %	31.7 %	40.1 %	44.5 %	44.8 %
of Hard Coal	17.1 %	39.2 %	57.5 %	73.7 %	86.0 %	86.5 %
of Petroleum Fuels	95.8 %	94.6 %	97.0 %	95.9 %	96.1 %	95.2 %
of Crude and NGL	96.9 %	93.8 %	97.3 %	97.0 %	97.8 %	97.7 %
of Natural Gas	78.6 %	79.1 %	79.6 %	81.2 %	86.9 %	89.8 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			6.7 %	10.5 %	12.4 %	13.8 %
RES-H&C – Heating and Cooling			6.8 %	9.8 %	10.6 %	12.2 %
RES-E – Electricity Generation			10.5 %	18.1 %	25.3 %	28.2 %
RES-T – Transport			3.7 %	6.0 %	6.4 %	6.6 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	952.80	918.30	888.63	856.21	861.04	817.19
GHGs Emissions*	1 133.42	1 060.35	1 012.85	963.59	969.05	924.77
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	11 685.3	11 176.6	10 771.1	10 466.9	10 497.8	10 117.8
Carbon Intensity (kg CO_2/toe)	2 788.9	2 682.5	2 599.0	2 571.5	2 653.5	2 611.1
CO_2 GDP Intensity (ton CO_2/M€'10)	444.2	389.3	366.2	331.9	319.7	298.6

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.6 Estonia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**3.89**	**3.55**	**4.39**	**5.60**	**6.37**	**6.63**
Solid Fuels	3.06	2.67	3.18	3.94	4.43	4.58
of which Hard Coal						
Petroleum and Products	0.48	0.37	0.52	0.67	0.72	0.80
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.35	0.51	0.69	0.99	1.12	1.19
Wastes, Non-Renewable					0.11	0.07
Net Imports	**1.81**	**1.63**	**1.50**	**0.87**	**0.85**	**0.62**
Solid Fuels	0.30	0.27	0.02	-0.02	-0.01	0.01
of which Hard Coal	0.05	0.06	0.04	0.05	0.04	0.05
Petroleum and Products	1.01	0.79	0.92	0.76	0.90	0.73
of which Crude and NGL						
Gases	0.58	0.66	0.80	0.56	0.56	0.44
of which Natural Gas	0.58	0.66	0.80	0.56	0.56	0.44
Renewables	-0.01	-0.01	-0.11	-0.15	-0.29	-0.32
Electricity	-0.07	-0.08	-0.14	-0.28	-0.31	-0.24
Gross Inland Consumption	**5.53**	**4.97**	**5.62**	**6.15**	**6.70**	**6.73**
Solid Fuels	3.50	2.97	3.19	3.92	4.42	4.50
of which Hard Coal	0.05	0.06	0.04	0.04	0.04	0.05
Petroleum and Products	1.17	0.91	1.18	1.10	1.08	1.10
of which Crude and NGL						
Gases	0.58	0.66	0.80	0.56	0.56	0.44
of which Natural Gas	0.58	0.66	0.80	0.56	0.56	0.44
Nuclear						
Renewables	0.34	0.51	0.59	0.85	0.85	0.86
Electricity	-0.07	-0.08	-0.14	-0.28	-0.31	-0.24
Wastes, Non-Renewable	0.00	0.00	0.00	0.00	0.10	0.07
Primary Energy Consumption	**5.35**	**4.79**	**5.39**	**6.06**	**6.53**	**6.62**
Available for Final Consumption	**3.05**	**2.70**	**3.00**	**3.02**	**3.05**	**3.46**
Final Non-Energy Consumption	**0.18**	**0.18**	**0.23**	**0.09**	**0.17**	**0.11**
Final Energy Consumption	**2.56**	**2.43**	**2.88**	**2.91**	**2.87**	**2.82**
by Fuel/Product						
Solid Fuels	0.19	0.12	0.12	0.08	0.09	0.09
Petroleum and Products	0.85	0.77	0.98	0.94	0.95	0.97
Gases	0.25	0.18	0.26	0.21	0.25	0.22
Biomass and Renewable Wastes	0.28	0.43	0.45	0.55	0.48	0.48
Solar	0.00	0.00	0.00	0.00	0.00	0.00
Geothermal	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.39	0.43	0.52	0.59	0.59	0.59
Derived heat	0.59	0.51	0.55	0.53	0.47	0.44
Wastes, Non-Renewable	0.00	0.00	0.00	0.00	0.06	0.02
by Sector						
Industry	0.84	0.57	0.72	0.58	0.65	0.56
Transport	0.50	0.59	0.77	0.79	0.76	0.78
Households	0.96	0.93	0.89	1.03	0.94	0.89
Services	0.17	0.29	0.39	0.42	0.42	0.46
Agriculture and Fishing	0.08	0.06	0.11	0.10	0.11	0.13
Other	0.00	0.00	0.00	0.00	0.00	0.00

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**0.00**	**2.80**	**2.56**	**2.75**	**2.91**	**3.10**
Combustible Fuels	0.00	2.80	2.52	2.64	2.65	2.75
Nuclear						
Hydro	0.00	0.00	0.01	0.01	0.01	0.01
Wind	0.00	0.00	0.03	0.11	0.25	0.34
Solar PV						
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**8.69**	**8.51**	**10.21**	**12.96**	**13.28**	**12.45**
Solid Fuels	8.29	7.68	9.30	11.17	11.49	10.36
Petroleum and Products	0.10	0.06	0.03	0.04	0.13	0.04
Gases	0.30	0.76	0.76	0.71	0.37	0.58
Nuclear						
Renewables	0.01	0.02	0.11	1.04	1.22	1.39
Wastes, non-RES	0.00	0.00	0.00	0.00	0.06	0.07
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.38	0.45	0.47	n.a.
CHP Electricity Generation (TWh)			1.04	1.34	1.23	n.a.
CHP in Total Electricity Generation (%)			10.2 %	10.3 %	9.3 %	n.a.
CHP Heat Production (PJ)			11.46	12.32	12.57	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	487	578	765	778	753	769
Motor Gasoline	264	299	309	289	241	242
Gas/Diesel Oil	204	257	408	451	484	486
Final Consumption Biofuels					3	6
Biogasoline					3	6
Biodiesel						
Main Energy Indicators						
Energy Intensity (toe/M€'10)	697.7	467.3	374.6	417.8	396.2	386.4
Energy per Capita (kgoe/cap)	3815.4	3549.0	4132.2	4612.6	5077.4	5111.6
Final Electricity per Capita (KWh/cap)	3146.2	3578.9	4444.9	5181.2	5166.0	5248.4
Primary Energy Intensity (toe/M€'10)	675.4	450.4	359.3	411.7	386.3	380.2
Import Dependency (%)	**32.3 %**	**32.2 %**	**26.1 %**	**13.6 %**	**11.9 %**	**8.9 %**
of Solid Fuels	8.4 %	9.1 %	0.8 %	-0.6 %	-0.1 %	0.2 %
of Hard Coal	101.9 %	116.4 %	97.2 %	117.9 %	95.0 %	103.9 %
of Petroleum Fuels	80.2 %	77.4 %	70.8 %	57.5 %	60.0 %	51.6 %
of Crude and NGL						
of Natural Gas	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			17.5 %	24.6 %	25.6 %	26.5 %
RES-H&C – Heating and Cooling			32.2 %	43.3 %	43.2 %	45.2 %
RES-E – Electricity Generation			1.1 %	10.4 %	13.0 %	14.6 %
RES-T – Transport			0.2 %	0.2 %	0.2 %	0.2 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	18.01	15.21	16.48	17.95	19.65	19.04
GHGs Emissions*	19.99	17.13	18.45	20.03	21.77	21.19
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	12435.5	10851.9	12126.0	13460.9	14887.9	14473.0
Carbon Intensity (kg CO_2/toe)	3259.3	3057.8	2934.5	2918.3	2932.2	2831.4
CO_2 GDP Intensity (ton CO_2/M€'10)	2274.1	1428.9	1099.2	1219.4	1161.9	1094.0

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.7 Ireland

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**4.10**	**2.16**	**1.65**	**1.88**	**2.36**	**2.12**
Solid Fuels	1.70	0.97	0.82	0.98	1.29	0.97
of which Hard Coal	0.00					
Petroleum and Products	0.00	0.00	0.00	0.04	0.11	0.11
of which Crude and NGL						
Gases	2.25	0.96	0.46	0.22	0.15	0.12
of which Natural Gas	2.25	0.96	0.46	0.22	0.15	0.12
Nuclear						
Renewables	0.16	0.24	0.37	0.62	0.76	0.85
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.06	0.06
Net Imports	**7.77**	**12.37**	**13.77**	**13.21**	**12.35**	**11.68**
Solid Fuels	1.88	1.68	1.89	0.95	1.47	1.20
of which Hard Coal	1.87	1.67	1.87	0.95	1.45	1.19
Petroleum and Products	5.80	8.20	8.69	7.70	6.90	6.60
of which Crude and NGL	2.27	2.98	3.16	2.98	2.93	2.70
Gases	0.09	2.48	3.01	4.48	3.71	3.59
of which Natural Gas	0.09	2.48	3.01	4.48	3.71	3.59
Renewables	0.00	0.00	0.00	0.04	0.09	0.11
Electricity	0.00	0.01	0.18	0.04	0.19	0.18
Gross Inland Consumption	**11.07**	**14.43**	**15.27**	**15.17**	**13.70**	**13.56**
Solid Fuels	2.90	2.60	2.66	1.93	2.02	2.01
of which Hard Coal	1.76	1.80	1.86	1.19	1.31	1.23
Petroleum and Products	5.68	8.15	8.59	7.84	6.75	6.63
of which Crude and NGL	2.27	3.32	3.20	2.94	2.83	2.75
Gases	2.33	3.44	3.47	4.69	3.83	3.72
of which Natural Gas	2.33	3.44	3.47	4.69	3.83	3.72
Nuclear						
Renewables	0.16	0.24	0.37	0.66	0.84	0.96
Electricity	0.00	0.01	0.18	0.04	0.19	0.19
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.06	0.06
Primary Energy Consumption	**10.49**	**13.75**	**14.75**	**14.82**	**13.41**	**13.35**
Available for Final Consumption	**8.30**	**11.05**	**12.02**	**12.20**	**11.16**	**11.07**
Final Non-Energy Consumption	**0.57**	**0.68**	**0.52**	**0.34**	**0.29**	**0.21**
Final Energy Consumption	**7.99**	**10.78**	**12.60**	**11.96**	**10.74**	**10.77**
by Fuel/Product						
Solid Fuels	0.94	0.67	0.75	0.60	0.56	0.51
Petroleum and Products	4.89	7.05	8.20	7.27	6.15	6.19
Gases	0.80	1.20	1.36	1.59	1.63	1.62
Biomass and Renewable Wastes	0.09	0.12	0.18	0.29	0.27	0.32
Solar	0.00	0.00	0.00	0.01	0.01	0.01
Geothermal						
Electricity	1.28	1.75	2.09	2.19	2.08	2.08
Derived heat						
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.04	0.04
by Sector						
Industry	1.95	2.50	2.58	2.15	2.18	2.24
Transport	2.39	4.09	5.08	4.72	4.21	4.47
Households	2.22	2.51	2.95	3.30	2.80	2.59
Services	1.09	1.37	1.64	1.52	1.31	1.24
Agriculture and Fishing	0.34	0.32	0.34	0.28	0.23	0.22
Other	0.00	0.00	0.00	0.00	0.00	0.00

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**4.06**	**4.71**	**6.18**	**8.31**	**8.80**	**9.08**
Combustible Fuels	3.54	4.06	5.13	6.41	6.33	6.34
Nuclear						
Hydro	0.52	0.53	0.53	0.53	0.53	0.53
Wind	0.01	0.12	0.52	1.37	1.94	2.21
Solar PV				0.00	0.00	0.00
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**17.86**	**23.98**	**25.97**	**28.69**	**26.14**	**26.31**
Solid Fuels	9.04	8.59	8.84	5.69	6.56	6.48
Petroleum and Products	2.68	4.64	3.34	0.54	0.16	0.19
Gases	5.16	9.26	11.57	18.54	13.40	12.91
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00
Renewables	0.98	1.49	2.22	3.91	5.97	6.66
Wastes, non-RES	0.00	0.00	0.00	0.00	0.06	0.07
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.11	0.29	0.31	n.a.
CHP Electricity Generation (TWh)			0.60	1.92	2.03	n.a.
CHP in Total Electricity Generation (%)			2.3 %	6.7 %	7.8 %	n.a.
CHP Heat Production (PJ)			4.40	11.96	12.39	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2 386	4 082	5 075	4 618	4 136	4 381
Motor Gasoline	1 104	1 590	1 823	1 527	1 186	1 179
Gas/Diesel Oil	851	1 833	2 370	2 304	2 282	2 438
Final Consumption Biofuels			1	93	72	90
Biogasoline				30	28	25
Biodiesel			1	63	45	65
Main Energy Indicators						
Energy Intensity (toe/M€'10)	144.6	116.7	95.5	91.3	79.1	74.4
Energy per Capita (kgoe/cap)	3 075.9	3 818.9	3 712.6	3 333.4	2 983.8	2 944.7
Final Electricity per Capita (KWh/cap)	4 127.7	5 370.9	5 922.7	5 587.5	5 271.3	5 240.7
Primary Energy Intensity (toe/M€'10)	137.1	111.2	92.3	89.2	77.4	73.3
Import Dependency (%)	**69.5 %**	**84.8 %**	**89.6 %**	**86.6 %**	**89.3 %**	**85.3 %**
of Solid Fuels	64.9 %	64.6 %	70.8 %	49.1 %	72.5 %	60.0 %
of Hard Coal	105.9 %	93.2 %	100.8 %	79.3 %	111.2 %	96.7 %
of Petroleum Fuels	100.1 %	98.8 %	100.0 %	97.2 %	100.2 %	97.6 %
of Crude and NGL	100.2 %	89.8 %	98.8 %	101.6 %	103.4 %	98.1 %
of Natural Gas	3.6 %	72.1 %	86.7 %	95.5 %	96.8 %	96.5 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			2.9 %	5.6 %	7.7 %	8.6 %
RES-H&C – Heating and Cooling			3.5 %	4.5 %	5.4 %	6.6 %
RES-E – Electricity Generation			7.2 %	14.5 %	20.8 %	22.7 %
RES-T – Transport			0.0 %	2.4 %	4.9 %	5.2 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	36.95	47.01	50.53	43.94	39.13	38.85
GHGs Emissions*	61.04	71.15	72.92	64.64	60.58	60.50
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	10 271.1	12 443.8	12 289.2	9 657.7	8 522.0	8 436.1
Carbon Intensity (kg CO_2/toe)	3 339.2	3 258.5	3 310.1	2 897.3	2 856.1	2 864.8
CO_2 GDP Intensity (ton CO_2/M€'10)	482.9	380.3	316.3	264.4	225.9	213.3

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.8 Greece

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**9.36**	**10.01**	**10.33**	**9.46**	**9.33**	**8.85**
Solid Fuels	7.51	8.22	8.54	7.32	6.73	6.38
of which Hard Coal						
Petroleum and Products	0.46	0.28	0.10	0.13	0.09	0.11
of which Crude and NGL	0.46	0.28	0.10	0.12	0.07	0.07
Gases	0.06	0.04	0.02	0.01	0.01	0.01
of which Natural Gas	0.04	0.04	0.02	0.01	0.01	0.01
Nuclear						
Renewables	1.29	1.40	1.64	1.97	2.49	2.33
Wastes, Non-Renewable	0.04	0.06	0.03	0.03	0.02	0.02
Net Imports	**18.29**	**22.15**	**23.50**	**21.83**	**16.43**	**17.40**
Solid Fuels	0.92	0.77	0.36	0.40	0.23	0.19
of which Hard Coal	0.92	0.77	0.39	0.40	0.22	0.19
Petroleum and Products	17.30	19.70	20.48	17.55	12.68	13.87
of which Crude and NGL	14.86	19.60	17.99	19.68	19.44	21.13
Gases	0.00	1.69	2.33	3.23	3.24	2.47
of which Natural Gas	0.00	1.69	2.33	3.23	3.24	2.47
Renewables	0.00	0.00	0.00	0.16	0.13	0.12
Electricity	0.07	0.00	0.33	0.49	0.16	0.76
Gross Inland Consumption	**23.87**	**28.29**	**31.41**	**28.84**	**24.30**	**24.43**
Solid Fuels	8.39	9.04	8.94	7.86	6.98	6.69
of which Hard Coal	0.96	0.73	0.34	0.40	0.20	0.17
Petroleum and Products	14.02	16.09	18.12	15.09	11.29	12.03
of which Crude and NGL	15.05	19.70	18.90	19.77	20.01	21.05
Gases	0.06	1.71	2.35	3.24	3.24	2.48
of which Natural Gas	0.04	1.71	2.35	3.24	3.24	2.48
Nuclear						
Renewables	1.29	1.40	1.64	2.13	2.62	2.45
Electricity	0.07	0.00	0.33	0.49	0.16	0.76
Wastes, Non-Renewable	0.04	0.06	0.03	0.03	0.02	0.02
Primary Energy Consumption	**23.37**	**27.57**	**30.65**	**27.73**	**23.65**	**23.73**
Available for Final Consumption	**16.40**	**19.08**	**21.39**	**19.78**	**15.63**	**16.28**
Final Non-Energy Consumption	**0.49**	**0.72**	**0.76**	**1.11**	**0.65**	**0.71**
Final Energy Consumption	**15.81**	**18.68**	**20.96**	**19.12**	**15.34**	**15.57**
by Fuel/Product						
Solid Fuels	1.04	0.89	0.46	0.30	0.21	0.23
Petroleum and Products	10.84	12.74	14.41	12.23	8.66	8.86
Gases	0.01	0.26	0.59	0.78	0.91	0.84
Biomass and Renewable Wastes	0.90	0.95	0.96	0.99	1.12	1.14
Solar	0.08	0.10	0.10	0.18	0.19	0.19
Geothermal	0.00	0.00	0.01	0.02	0.01	0.01
Electricity	2.93	3.71	4.38	4.57	4.20	4.26
Derived heat	0.00	0.03	0.05	0.05	0.04	0.05
Wastes, Non-Renewable						
by Sector						
Industry	4.01	4.45	4.16	3.47	2.84	3.09
Transport	6.52	7.30	8.19	8.26	6.34	6.47
Households	3.33	4.50	5.51	4.63	3.76	3.79
Services	0.94	1.31	1.95	1.95	1.82	1.71
Agriculture and Fishing	1.01	1.12	1.15	0.81	0.32	0.28
Other	0.00	0.00	0.00	0.00	0.26	0.24

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**8.94**	**10.90**	**13.31**	**15.31**	**18.86**	**18.90**
Combustible Fuels	6.39	7.61	9.71	10.60	11.23	10.93
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00
Hydro	2.52	3.07	3.11	3.22	3.24	3.39
Wind	0.03	0.23	0.49	1.30	1.81	1.98
Solar PV	0.00	0.00	0.00	0.20	2.58	2.60
Geothermal	0.00					
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**41.55**	**53.84**	**60.02**	**57.39**	**57.15**	**50.47**
Solid Fuels	28.70	34.31	35.54	30.80	26.41	25.75
Petroleum and Products	8.86	8.89	9.21	6.09	5.41	5.54
Gases	0.08	5.92	8.17	9.83	10.86	6.78
Nuclear						
Renewables	3.82	4.56	7.00	10.55	14.39	12.31
Wastes, non-RES	0.10	0.16	0.10	0.13	0.09	0.10
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.24	0.59	0.56	n.a.
CHP Electricity Generation (TWh)			1.02	2.48	1.95	n.a.
CHP in Total Electricity Generation (%)			1.7 %	4.3 %	3.4 %	n.a.
CHP Heat Production (PJ)			9.70	12.71	10.49	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	6504	7278	8157	8102	6182	6289
Motor Gasoline	2921	3464	4170	3946	2834	2697
Gas/Diesel Oil	2037	2247	2483	2749	2043	2155
Final Consumption Biofuels				124	121	134
Biogasoline						
Biodiesel				124	121	134
Main Energy Indicators						
Energy Intensity (toe/M€'10)	150.3	149.0	136.7	127.6	131.8	131.7
Energy per Capita (kgoe/cap)	2265.2	2625.6	2863.3	2593.5	2208.4	2235.8
Final Electricity per Capita (KWh/cap)	3235.3	4004.5	4640.3	4777.3	4434.1	4530.1
Primary Energy Intensity (toe/M€'10)	147.2	145.2	133.4	122.7	128.3	127.9
Import Dependency (%)	**66.7 %**	**69.5 %**	**68.6 %**	**69.2 %**	**62.2 %**	**66.2 %**
of Solid Fuels	11.0 %	8.5 %	4.1 %	5.1 %	3.2 %	2.9 %
of Hard Coal	95.2 %	105.9 %	112.5 %	100.3 %	110.2 %	109.8 %
of Petroleum Fuels	98.4 %	100.2 %	97.7 %	98.6 %	94.6 %	99.8 %
of Crude and NGL	98.8 %	99.5 %	95.2 %	99.5 %	97.1 %	100.4 %
of Natural Gas	0.0 %	99.1 %	99.1 %	99.9 %	100.0 %	99.3 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			7.0 %	9.8 %	15.0 %	15.3 %
RES-H&C – Heating and Cooling			12.8 %	17.8 %	26.5 %	26.9 %
RES-E – Electricity Generation			8.2 %	12.3 %	21.2 %	21.9 %
RES-T – Transport			0.0 %	1.9 %	1.0 %	1.4 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	89.58	105.51	115.60	99.12	85.38	82.46
GHGs Emissions*	113.44	130.20	138.44	120.84	107.16	104.27
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	8502.3	9791.4	10537.6	8914.2	7759.5	7546.4
Carbon Intensity (kg CO_2/toe)	3753.4	3729.3	3680.3	3437.1	3513.7	3375.3
CO_2 GDP Intensity (ton CO_2/M€'10)	564.2	555.6	503.1	438.5	463.3	444.5

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.9 Spain

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**31.43**	**31.49**	**30.09**	**34.53**	**34.73**	**35.10**
Solid Fuels	10.15	7.97	6.27	3.30	1.76	1.63
of which Hard Coal	8.28	6.46	5.09	3.30	1.76	1.63
Petroleum and Products	0.80	0.24	0.21	0.36	0.52	0.46
of which Crude and NGL	0.80	0.23	0.17	0.12	0.37	0.30
Gases	0.45	0.23	0.19	0.08	0.05	0.02
of which Natural Gas	0.38	0.15	0.14	0.05	0.05	0.02
Nuclear	14.31	16.05	14.84	15.99	14.63	14.78
Renewables	5.51	6.82	8.40	14.64	17.56	18.00
Wastes, Non-Renewable	0.21	0.19	0.19	0.17	0.20	0.20
Net Imports	**75.42**	**99.34**	**123.83**	**106.34**	**89.05**	**90.66**
Solid Fuels	8.61	12.84	14.42	6.98	7.66	8.85
of which Hard Coal	8.09	13.25	14.74	7.09	7.64	8.77
Petroleum and Products	58.91	70.65	79.28	68.70	55.96	57.76
of which Crude and NGL	55.34	57.70	59.94	52.69	57.98	58.81
Gases	7.52	15.47	30.25	30.95	25.80	24.50
of which Natural Gas	7.52	15.47	30.25	30.95	25.80	24.50
Renewables				0.42	0.21	-0.16
Electricity	0.39	0.38	-0.12	-0.72	-0.58	-0.29
Gross Inland Consumption	**102.08**	**123.64**	**144.22**	**130.25**	**119.33**	**116.68**
Solid Fuels	18.99	20.94	20.57	8.16	10.86	11.49
of which Hard Coal	16.68	19.83	19.82	8.30	10.84	11.42
Petroleum and Products	54.89	63.97	70.46	60.44	50.31	49.07
of which Crude and NGL	55.82	57.33	59.91	53.04	58.26	58.79
Gases	7.79	15.31	29.89	31.16	26.16	23.67
of which Natural Gas	7.72	15.22	29.84	31.13	26.16	23.67
Nuclear	14.31	16.05	14.84	15.99	14.63	14.78
Renewables	5.51	6.82	8.40	15.05	17.74	17.77
Electricity	0.39	0.38	-0.12	-0.72	-0.58	-0.29
Wastes, Non-Renewable	0.21	0.19	0.19	0.17	0.20	0.20
Primary Energy Consumption	**94.20**	**114.25**	**135.87**	**123.22**	**114.31**	**112.57**
Available for Final Consumption	**72.46**	**88.79**	**105.95**	**95.95**	**84.79**	**81.44**
Final Non-Energy Consumption	**7.87**	**9.40**	**8.35**	**7.03**	**5.02**	**4.11**
Final Energy Consumption	**64.03**	**79.90**	**97.77**	**89.08**	**80.77**	**79.23**
by Fuel/Product						
Solid Fuels	2.24	1.77	1.71	1.26	1.56	1.30
Petroleum and Products	39.51	46.31	53.46	46.79	39.34	38.80
Gases	6.84	12.14	17.98	14.65	15.05	14.52
Biomass and Renewable Wastes	3.23	3.43	3.72	5.14	4.79	4.83
Solar	0.03	0.03	0.06	0.18	0.24	0.26
Geothermal	0.00	0.01	0.01	0.02	0.02	0.02
Electricity	12.12	16.21	20.83	21.05	19.78	19.51
Derived heat						
Wastes, Non-Renewable	0.08					
by Sector						
Industry	20.54	25.38	30.98	21.45	20.80	20.01
Transport	26.44	33.23	39.94	37.19	31.78	31.98
Households	10.01	12.00	15.13	16.92	14.88	14.71
Services	4.33	6.71	8.42	9.80	9.62	8.85
Agriculture and Fishing	2.20	2.57	3.11	2.24	2.86	2.78
Other	0.51	0.00	0.19	1.49	0.84	0.91

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**45.62**	**53.92**	**76.57**	**101.79**	**106.00**	**106.47**
Combustible Fuels	21.94	26.24	40.80	50.46	49.79	49.79
Nuclear	7.07	7.50	7.58	7.45	6.98	7.40
Hydro	16.51	17.96	18.22	18.54	19.19	19.22
Wind	0.10	2.21	9.92	20.69	22.96	22.98
Solar PV	0.01	0.01	0.06	3.92	4.79	4.79
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**167.09**	**224.47**	**294.08**	**301.53**	**285.63**	**278.75**
Solid Fuels	65.91	79.09	79.05	25.33	39.94	43.81
Petroleum and Products	14.62	22.58	24.42	16.56	13.76	14.12
Gases	4.92	21.94	80.73	95.84	58.93	48.76
Nuclear	55.46	62.21	57.54	61.99	56.73	57.31
Renewables	25.87	38.05	46.90	100.98	115.59	114.07
Wastes, non-RES	0.31	0.61	0.45	0.66	0.68	0.69
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			3.05	3.38	3.36	n.a.
CHP Electricity Generation (TWh)			22.88	22.42	24.10	n.a.
CHP in Total Electricity Generation (%)			7.8%	7.4%	8.5%	n.a.
CHP Heat Production (PJ)			192.5	153.3	174.9	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	26101	32791	39227	35409	30383	30587
Motor Gasoline	9152	9141	7786	5696	4666	4596
Gas/Diesel Oil	13373	18859	25977	24171	20416	20569
Final Consumption Biofuels		70	256	1412	883	951
Biogasoline			113	230	167	186
Biodiesel		70	142	1181	716	764
Main Energy Indicators						
Energy Intensity (toe/M€'10)	143.7	142.5	140.7	120.5	116.5	112.3
Energy per Capita (kgoe/cap)	2594.5	3087.2	3331.1	2801.9	2553.7	2508.6
Final Electricity per Capita (KWh/cap)	3581.6	4705.6	5594.5	5266.1	4924.0	4878.2
Primary Energy Intensity (toe/M€'10)	132.6	131.6	132.5	114.0	111.6	108.4
Import Dependency (%)	**71.7%**	**76.6%**	**81.4%**	**76.7%**	**70.4%**	**72.9%**
of Solid Fuels	45.4%	61.3%	70.1%	85.5%	70.5%	77.1%
of Hard Coal	48.5%	66.8%	74.4%	85.4%	70.5%	76.8%
of Petroleum Fuels	101.5%	101.0%	101.2%	99.9%	97.4%	101.7%
of Crude and NGL	99.1%	100.6%	100.1%	99.3%	99.5%	100.0%
of Natural Gas	97.4%	101.6%	101.4%	99.4%	98.6%	103.5%
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			8.4%	13.8%	15.3%	16.2%
RES-H&C – Heating and Cooling			9.4%	12.6%	14.1%	15.8%
RES-E – Electricity Generation			19.1%	29.8%	36.7%	37.8%
RES-T – Transport			1.0%	4.7%	0.5%	0.5%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	272.95	321.69	380.67	296.28	265.44	267.11
GHGs Emissions*	332.95	395.31	450.51	373.62	340.76	342.70
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	6937.6	8032.3	8792.3	6373.5	5680.6	5742.8
Carbon Intensity (kg CO_2/toe)	2674.0	2601.8	2639.5	2274.7	2224.5	2289.2
CO_2 GDP Intensity (ton CO_2/M€'10)	384.2	370.6	371.2	274.1	259.1	257.2

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.10 France

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**127.36**	**130.14**	**136.20**	**134.90**	**135.32**	**136.93**
Solid Fuels	6.02	2.48	0.38	0.16	0.19	0.19
of which Hard Coal	5.44	2.36	0.38	0.16	0.19	0.19
Petroleum and Products	3.48	2.39	1.65	1.71	1.69	1.89
of which Crude and NGL	2.98	1.69	1.24	0.94	0.83	0.78
Gases	2.79	1.51	0.91	0.65	0.29	0.02
of which Natural Gas	2.79	1.51	0.91	0.65	0.29	0.02
Nuclear	97.31	107.09	116.47	110.54	109.29	112.59
Renewables	17.04	15.74	15.73	20.65	22.63	21.00
Wastes, Non-Renewable	0.72	0.93	1.06	1.20	1.23	1.24
Net Imports	**117.06**	**134.08**	**144.17**	**132.14**	**125.30**	**115.39**
Solid Fuels	9.14	13.01	13.51	12.19	11.63	9.16
of which Hard Coal	8.66	12.44	12.81	11.32	10.97	8.51
Petroleum and Products	86.44	91.27	95.18	82.89	79.57	77.87
of which Crude and NGL	78.65	86.84	85.43	65.13	56.72	55.03
Gases	27.49	35.78	40.72	39.55	38.01	33.79
of which Natural Gas	27.49	35.78	40.72	39.55	38.01	33.79
Renewables	0.00	0.01	-0.05	0.16	0.25	0.35
Electricity	-6.01	-5.97	-5.19	-2.64	-4.17	-5.78
Gross Inland Consumption	**241.78**	**257.54**	**276.60**	**267.09**	**258.95**	**248.50**
Solid Fuels	16.08	15.05	14.30	12.08	12.45	9.29
of which Hard Coal	14.94	14.24	13.80	11.25	11.94	8.73
Petroleum and Products	87.06	88.94	93.25	82.57	78.28	77.24
of which Crude and NGL	82.08	88.19	87.01	66.32	56.94	56.14
Gases	29.58	35.77	41.03	42.54	39.01	32.60
of which Natural Gas	29.58	35.77	41.03	42.54	39.01	32.60
Nuclear	97.31	107.09	116.47	110.54	109.29	112.59
Renewables	17.04	15.74	15.68	20.80	22.86	21.32
Electricity	-6.01	-5.97	-5.19	-2.64	-4.17	-5.78
Wastes, Non-Renewable	0.72	0.93	1.06	1.20	1.23	1.24
Primary Energy Consumption	**225.92**	**241.36**	**259.89**	**252.80**	**245.39**	**234.49**
Available for Final Consumption	**156.87**	**166.22**	**177.12**	**170.69**	**167.04**	**157.34**
Final Non-Energy Consumption	**15.86**	**16.18**	**16.70**	**14.29**	**13.56**	**14.01**
Final Energy Consumption	**143.48**	**155.31**	**160.21**	**155.01**	**151.85**	**141.75**
by Fuel/Product						
Solid Fuels	6.49	5.78	5.22	4.55	4.19	4.24
Petroleum and Products	69.82	73.18	71.49	64.65	62.05	60.43
Gases	27.25	30.91	33.74	32.43	33.05	28.13
Biomass and Renewable Wastes	9.67	8.82	9.14	11.49	12.09	10.80
Solar	0.03	0.02	0.03	0.06	0.09	0.10
Geothermal	0.13	0.13	0.02	0.02	0.03	0.03
Electricity	29.48	33.10	36.35	38.19	37.89	35.71
Derived heat	0.55	3.24	4.16	3.53	2.34	2.22
Wastes, Non-Renewable	0.08	0.15	0.06	0.10	0.12	0.10
by Sector						
Industry	36.20	37.35	33.50	28.48	30.04	27.92
Transport	45.87	50.61	50.48	49.67	49.26	49.54
Households	35.79	40.79	43.07	43.10	43.43	37.35
Services	20.55	18.16	20.56	22.96	23.07	21.03
Agriculture and Fishing	4.07	4.28	4.68	4.52	4.58	4.54
Other	1.01	4.14	7.93	6.28	1.47	1.37

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**107.62**	**114.67**	**115.76**	**124.55**	**128.43**	**129.07**
Combustible Fuels	23.87	26.07	26.45	28.82	25.58	24.41
Nuclear	58.52	63.18	63.26	63.13	63.13	63.13
Hydro	24.99	25.13	25.11	25.40	25.36	25.29
Wind	0.00	0.04	0.69	5.91	8.20	9.07
Solar PV	0.00	0.01	0.01	1.04	4.65	5.65
Geothermal					0.00	0.00
Tide, Wave and Ocean	0.24	0.24	0.24	0.24	0.24	0.24
Other Sources					1.27	1.27
Gross Electricity Generation (TWh)	**494.27**	**539.95**	**576.06**	**569.10**	**572.31**	**562.78**
Solid Fuels	24.18	27.00	27.52	23.36	21.94	9.52
Petroleum and Products	7.75	7.17	7.93	5.52	2.55	1.81
Gases	6.22	15.37	26.26	26.71	19.57	15.23
Nuclear	377.23	415.16	451.53	428.52	423.69	436.47
Renewables	78.53	74.17	61.18	83.01	101.82	97.20
Wastes, non-RES	0.37	1.08	1.66	1.97	2.05	1.99
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			6.60	4.61	4.80	n.a.
CHP Electricity Generation (TWh)			23.21	15.69	13.90	n.a.
CHP in Total Electricity Generation (%)			4.0%	2.8%	2.4%	n.a.
CHP Heat Production (PJ)			209.20	173.95	150.65	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	44879	49276	48801	46141	45365	45464
Motor Gasoline	16711	14655	11428	7870	6739	6791
Gas/Diesel Oil	23352	28172	30814	31753	31986	32085
Final Consumption Biofuels	154	325	582	2400	2690	2906
Biogasoline	24	58	100	396	392	406
Biodiesel	130	266	482	2005	2298	2500
Main Energy Indicators						
Energy Intensity (toe/M€'10)	157.5	145.4	143.8	133.6	126.0	120.1
Energy per Capita (kgoe/cap)	4076.1	4253.7	4406.3	4130.7	3947.4	3771.5
Final Electricity per Capita (KWh/cap)	5780.1	6357.3	6734.9	6868.2	6718.1	6303.4
Primary Energy Intensity (toe/M€'10)	147.2	136.2	135.1	126.5	119.4	113.4
Import Dependency (%)	**48.0%**	**51.5%**	**51.6%**	**49.1%**	**48.0%**	**46.1%**
of Solid Fuels	56.8%	86.4%	94.5%	101.0%	93.4%	98.6%
of Hard Coal	58.0%	87.3%	92.9%	100.6%	91.9%	97.5%
of Petroleum Fuels	96.9%	99.5%	99.3%	97.7%	99.0%	98.5%
of Crude and NGL	95.8%	98.5%	98.2%	98.2%	99.6%	98.0%
of Natural Gas	93.0%	100.0%	99.3%	93.0%	97.4%	103.6%
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			9.6%	12.6%	14.0%	14.3%
RES-H&C – Heating and Cooling			12.3%	15.9%	17.8%	17.8%
RES-E – Electricity Generation			13.7%	14.8%	16.8%	18.3%
RES-T – Transport			1.7%	6.1%	7.2%	7.8%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	410.87	429.92	441.58	406.42	382.13	352.62
GHGs Emissions*	557.68	568.82	570.58	530.67	502.83	475.40
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	6926.8	7100.9	7034.6	6285.5	5825.2	5351.8
Carbon Intensity (kg CO_2/toe)	1699.4	1669.3	1596.5	1521.6	1475.7	1419.0
CO_2 GDP Intensity (ton CO_2/M€'10)	267.7	242.7	229.6	203.4	185.9	170.5

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.11 Croatia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**5.00**	**4.26**	**4.75**	**5.16**	**4.51**	**4.43**
Solid Fuels	0.05					
of which Hard Coal	0.05					
Petroleum and Products	1.80	1.35	1.03	0.77	0.68	0.68
of which Crude and NGL	1.80	1.35	1.03	0.76	0.61	0.61
Gases	1.61	1.36	1.87	2.22	1.51	1.44
of which Natural Gas	1.61	1.36	1.87	2.22	1.51	1.44
Nuclear						
Renewables	1.54	1.56	1.86	2.17	2.31	2.29
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.01	0.01
Net Imports	**2.85**	**4.08**	**5.15**	**4.39**	**4.04**	**3.59**
Solid Fuels	0.15	0.48	0.62	0.70	0.74	0.60
of which Hard Coal	0.07	0.44	0.57	0.66	0.71	0.56
Petroleum and Products	2.21	2.41	3.58	2.98	2.47	2.35
of which Crude and NGL	3.98	3.91	4.02	3.56	2.49	1.87
Gases	0.22	0.91	0.56	0.48	0.73	0.58
of which Natural Gas	0.22	0.91	0.56	0.48	0.73	0.58
Renewables				-0.10	-0.24	-0.27
Electricity	0.27	0.29	0.38	0.34	0.33	0.34
Gross Inland Consumption	**7.86**	**8.42**	**9.78**	**9.43**	**8.59**	**8.20**
Solid Fuels	0.18	0.43	0.68	0.68	0.68	0.65
of which Hard Coal	0.09	0.39	0.63	0.64	0.64	0.61
Petroleum and Products	3.94	3.93	4.49	3.70	3.21	3.17
of which Crude and NGL	5.76	5.43	5.10	4.33	3.07	2.48
Gases	1.93	2.21	2.37	2.63	2.28	2.02
of which Natural Gas	1.93	2.21	2.37	2.63	2.28	2.02
Nuclear						
Renewables	1.54	1.56	1.86	2.07	2.08	2.01
Electricity	0.27	0.29	0.38	0.34	0.33	0.34
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.01	0.01
Primary Energy Consumption	**7.05**	**7.77**	**9.11**	**8.83**	**8.05**	**7.66**
Available for Final Consumption	**6.10**	**6.66**	**7.91**	**7.81**	**7.11**	**6.78**
Final Non-Energy Consumption	**0.81**	**0.66**	**0.68**	**0.60**	**0.54**	**0.54**
Final Energy Consumption	**5.28**	**6.00**	**7.24**	**7.21**	**6.57**	**6.24**
by Fuel/Product						
Solid Fuels	0.11	0.07	0.15	0.15	0.12	0.10
Petroleum and Products	2.11	2.68	3.11	2.90	2.68	2.62
Gases	0.91	1.01	1.24	1.29	1.00	0.94
Biomass and Renewable Wastes	1.05	1.00	1.24	1.24	1.23	1.09
Solar		0.00	0.00	0.01	0.01	0.01
Geothermal				0.01	0.01	0.01
Electricity	0.85	1.02	1.24	1.36	1.30	1.28
Derived heat	0.25	0.21	0.26	0.25	0.23	0.19
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.01	0.01
by Sector						
Industry	1.25	1.38	1.56	1.37	1.12	1.10
Transport	1.20	1.55	1.92	2.07	2.04	2.02
Households	2.19	2.30	2.82	2.76	2.48	2.18
Services	0.44	0.49	0.69	0.78	0.71	0.71
Agriculture and Fishing	0.20	0.29	0.24	0.25	0.23	0.24
Other						

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**2.07**	**2.08**	**3.87**	**4.12**	**4.31**	**4.43**
Combustible Fuels			1.80	1.90	1.85	1.86
Nuclear						
Hydro	2.07	2.08	2.06	2.14	2.19	2.19
Wind			0.01	0.08	0.25	0.34
Solar PV					0.02	0.03
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**9.28**	**11.28**	**13.16**	**14.90**	**14.05**	**13.55**
Solid Fuels	0.24	1.55	2.33	2.39	2.42	2.37
Petroleum and Products	2.46	1.69	1.86	0.56	0.23	0.13
Gases	0.88	1.57	1.81	2.55	2.02	1.00
Nuclear						
Renewables	5.69	6.47	7.17	9.40	9.38	10.06
Wastes, non-RES	0.00	0.00	0.00	0.00	0.00	0.00
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)				0.69	0.69	n.a.
CHP Electricity Generation (TWh)				2.02	1.70	n.a.
CHP in Total Electricity Generation (%)				14.3%	12.6%	n.a.
CHP Heat Production (PJ)				14.92	13.26	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 186	1 526	1 901	2 042	1 983	1 962
Motor Gasoline	594	815	739	678	602	555
Gas/Diesel Oil	477	623	1 038	1 186	1 187	1 208
Final Consumption Biofuels				3	33	30
Biogasoline					1	0
Biodiesel				3	31	30
Main Energy Indicators						
Energy Intensity (toe/M€'10)	263.2	238.7	222.5	209.5	197.7	189.4
Energy per Capita (kgoe/cap)	1 686.5	1 872.5	2 269.2	2 190.9	2 014.5	1 929.7
Final Electricity per Capita (KWh/cap)	2 129.5	2 630.9	3 344.3	3 686.4	3 536.3	3 492.7
Primary Energy Intensity (toe/M€'10)	236.0	220.1	207.2	196.2	185.3	176.9
Import Dependency (%)	**36.1%**	**48.4%**	**52.5%**	**46.6%**	**47.0%**	**43.8%**
of Solid Fuels	85.7%	111.1%	91.4%	102.3%	110.1%	92.4%
of Hard Coal	73.9%	112.9%	90.5%	102.7%	110.7%	92.3%
of Petroleum Fuels	55.6%	61.0%	79.4%	80.4%	77.1%	74.0%
of Crude and NGL	69.2%	72.1%	78.9%	82.2%	81.1%	75.6%
of Natural Gas	11.6%	41.0%	23.7%	18.1%	31.9%	28.6 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			23.8%	25.1%	28.1%	27.9%
RES-H&C – Heating and Cooling			30.0%	32.8%	37.2%	36.2%
RES-E – Electricity Generation			35.8%	37.6%	42.2%	45.3%
RES-T – Transport			0.4%	0.6%	2.2%	2.1%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	17.68	20.39	24.20	21.94	19.06	18.43
GHGs Emissions*	24.64	27.15	31.28	29.23	25.34	24.77
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	3 795.2	4 532.4	5 614.2	5 098.2	4 472.6	4 340.5
Carbon Intensity (kg CO_2/toe)	2 250.4	2 420.5	2 474.2	2 327.0	2 220.2	2 249.3
CO_2 GDP Intensity (ton CO_2/M€'10)	592.4	577.7	550.5	487.4	438.9	426.0

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.12 Italy

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**29.83**	**28.49**	**30.33**	**33.07**	**36.86**	**36.81**
Solid Fuels	0.04	0.00	0.06	0.06	0.05	0.06
of which Hard Coal			0.06	0.06	0.05	0.06
Petroleum and Products	5.57	5.01	6.38	5.68	5.85	6.10
of which Crude and NGL	5.26	4.56	6.15	5.14	5.60	5.88
Gases	16.56	13.63	9.89	6.89	6.34	5.86
of which Natural Gas	16.35	13.62	9.89	6.89	6.34	5.86
Nuclear						
Renewables	7.49	9.60	13.33	19.40	23.50	23.64
Wastes, Non-Renewable	0.16	0.26	0.67	1.04	1.14	1.16
Net Imports	**134.50**	**152.07**	**160.37**	**149.46**	**124.24**	**116.12**
Solid Fuels	13.00	13.13	16.37	13.79	13.02	12.90
of which Hard Coal	12.58	12.87	15.94	13.98	12.55	12.30
Petroleum and Products	89.52	87.60	79.15	67.78	54.11	51.14
of which Crude and NGL	73.67	83.27	89.10	79.21	58.85	54.54
Gases	28.53	47.01	59.84	61.60	50.56	45.47
of which Natural Gas	28.53	47.01	59.84	61.60	50.56	45.47
Renewables	0.23	0.52	0.78	2.50	2.93	2.85
Electricity	3.22	3.81	4.23	3.80	3.62	3.76
Gross Inland Consumption	**161.77**	**174.22**	**190.08**	**177.93**	**159.52**	**151.03**
Solid Fuels	12.28	12.55	16.46	13.66	13.55	13.07
of which Hard Coal	11.91	12.18	15.98	13.78	13.17	12.42
Petroleum and Products	93.52	89.54	83.96	69.51	57.45	55.83
of which Crude and NGL	79.35	87.52	94.76	83.87	63.79	60.14
Gases	44.87	57.95	70.65	68.06	57.39	50.71
of which Natural Gas	44.65	57.94	70.65	68.06	57.39	50.71
Nuclear						
Renewables	7.72	10.11	14.11	21.86	26.37	26.51
Electricity	3.22	3.81	4.23	3.80	3.62	3.76
Wastes, Non-Renewable	0.16	0.26	0.67	1.04	1.14	1.16
Primary Energy Consumption	**152.03**	**165.79**	**181.47**	**168.37**	**153.18**	**143.84**
Available for Final Consumption	**124.85**	**133.74**	**145.23**	**137.17**	**125.18**	**118.58**
Final Non-Energy Consumption	**9.73**	**8.43**	**8.61**	**9.56**	**6.34**	**7.19**
Final Energy Consumption	**114.58**	**124.72**	**137.15**	**128.46**	**118.50**	**113.35**
by Fuel/Product						
Solid Fuels	3.93	3.59	3.98	2.86	2.17	2.27
Petroleum and Products	54.06	57.84	59.01	48.73	43.76	44.33
Gases	34.65	38.02	40.61	38.50	35.39	31.08
Biomass and Renewable Wastes	1.14	1.52	4.30	8.81	8.21	7.16
Solar	0.01	0.01	0.03	0.13	0.17	0.18
Geothermal	0.21	0.21	0.21	0.13	0.12	0.11
Electricity	20.49	23.47	25.87	25.74	24.71	24.20
Derived heat			3.08	3.33	3.70	3.75
Wastes, Non-Renewable	0.08	0.06	0.06	0.22	0.28	0.27
by Sector						
Industry	36.02	39.74	39.86	31.25	26.80	26.16
Transport	38.57	42.52	44.84	41.73	38.70	40.09
Households	26.32	27.59	33.92	35.39	34.23	29.55
Services	9.82	11.54	15.05	16.98	15.85	14.67
Agriculture and Fishing	3.25	3.16	3.32	2.94	2.79	2.78
Other	0.59	0.17	0.16	0.16	0.14	0.11

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**65.92**	**75.51**	**85.50**	**106.49**	**124.75**	**121.76**
Combustible Fuels	45.48	54.03	61.93	74.66	74.73	71.27
Nuclear						
Hydro	19.84	20.35	20.99	21.52	22.01	22.10
Wind	0.02	0.36	1.64	5.79	8.54	8.68
Solar PV	0.02	0.02	0.03	3.47	18.42	18.61
Geothermal	0.47	0.59	0.67	0.73	0.73	0.77
Tide, Wave and Ocean						
Other Sources	0.09	0.16	0.23	0.32	0.32	0.33
Gross Electricity Generation (TWh)	**241.49**	**276.64**	**303.70**	**302.06**	**289.81**	**279.83**
Solid Fuels	24.12	26.27	43.61	39.73	45.11	43.45
Petroleum and Products	120.80	85.88	47.12	21.71	15.48	14.16
Gases	50.44	105.61	155.08	157.44	112.26	96.71
Nuclear						
Renewables	45.58	57.58	55.30	80.26	113.91	122.39
Wastes, non-RES	0.17	0.51	1.48	2.15	2.29	2.45
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.89	7.35	8.29	n.a.
CHP Electricity Generation (TWh)			27.39	34.71	36.66	n.a.
CHP in Total Electricity Generation (%)			9.0 %	11.5 %	12.7 %	n.a.
CHP Heat Production (PJ)			193.07	202.51	212.77	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	37 665	41 461	43 427	38 702	35 495	37 048
Motor Gasoline	18 279	17 556	14 175	10 276	8 399	8 495
Gas/Diesel Oil	15 238	18 415	23 793	22 703	21 435	22 773
Final Consumption Biofuels			177	1 419	1 251	1 065
Biogasoline				122	74	10
Biodiesel			177	1 297	1 176	1 055
Main Energy Indicators						
Energy Intensity (toe/M€'10)	114.8	112.0	116.6	110.9	103.5	98.4
Energy per Capita (kgoe/cap)	2 845.8	3 060.6	3 284.4	3 006.0	2 672.6	2 484.7
Final Electricity per Capita (KWh/cap)	4 191.7	4 795.5	5 198.8	5 056.8	4 815.2	4 631.2
Primary Energy Intensity (toe/M€'10)	107.9	106.6	111.3	104.9	99.4	93.7
Import Dependency (%)	**81.9 %**	**86.5 %**	**83.4 %**	**82.6 %**	**76.8 %**	**75.9 %**
of Solid Fuels	105.9 %	104.6 %	99.4 %	101.0 %	96.1 %	98.7 %
of Hard Coal	105.6 %	105.7 %	99.7 %	101.5 %	95.3 %	99.0 %
of Petroleum Fuels	93.3 %	96.1 %	91.8 %	93.5 %	90.7 %	88.6 %
of Crude and NGL	92.8 %	95.1 %	94.0 %	94.5 %	92.3 %	90.7 %
of Natural Gas	63.9 %	81.1 %	84.7 %	90.5 %	88.1 %	89.7 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			7.5 %	13.0 %	16.7 %	17.1 %
RES-H&C – Heating and Cooling			8.2 %	15.6 %	18.1 %	18.9 %
RES-E – Electricity Generation			16.3 %	20.1 %	31.3 %	33.4 %
RES-T – Transport			0.8 %	4.6 %	4.9 %	4.5 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	452.87	473.19	500.03	438.32	371.28	352.22
GHGs Emissions*	539.17	562.57	588.08	517.93	448.18	428.05
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7 966.9	8 312.7	8 639.8	7 405.3	6 220.7	5 794.7
Carbon Intensity (kg CO_2/toe)	2 799.6	2 716.1	2 630.6	2 463.5	2 327.6	2 332.2
CO_2 GDP Intensity (ton CO_2/M€'10)	321.4	304.2	306.8	273.2	241.0	229.4

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.13 Cyprus

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**0.04**	**0.04**	**0.05**	**0.09**	**0.11**	**0.12**
Solid Fuels						
of which Hard Coal						
Petroleum and Products				0.00	0.00	0.00
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.04	0.04	0.05	0.08	0.11	0.11
Wastes, Non-Renewable			0.00	0.01	0.00	0.01
Net Imports	**2.04**	**2.57**	**2.84**	**2.94**	**2.33**	**2.29**
Solid Fuels	0.01	0.03	0.04	0.01	0.00	0.00
of which Hard Coal	0.01	0.03	0.04	0.01	0.00	0.00
Petroleum and Products	2.03	2.53	2.79	2.91	2.31	2.27
of which Crude and NGL	0.80	1.16				
Gases						
of which Natural Gas						
Renewables	0.00	0.00	0.01	0.02	0.03	0.02
Electricity						
Gross Inland Consumption	**1.97**	**2.41**	**2.54**	**2.74**	**2.19**	**2.22**
Solid Fuels	0.01	0.03	0.04	0.02	0.00	0.00
of which Hard Coal	0.01	0.03	0.04	0.02	0.00	0.00
Petroleum and Products	1.91	2.33	2.45	2.61	2.05	2.08
of which Crude and NGL	0.83	1.18				
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.05	0.05	0.05	0.11	0.13	0.13
Electricity						
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.00	0.01
Primary Energy Consumption	**1.90**	**2.33**	**2.47**	**2.66**	**2.16**	**2.20**
Available for Final Consumption	**1.48**	**1.75**	**1.80**	**1.97**	**1.63**	**1.65**
Final Non-Energy Consumption	**0.06**	**0.09**	**0.07**	**0.09**	**0.03**	**0.02**
Final Energy Consumption	**1.43**	**1.65**	**1.83**	**1.93**	**1.61**	**1.61**
by Fuel/Product						
Solid Fuels	0.01	0.03	0.04	0.02	0.00	0.00
Petroleum and Products	1.18	1.32	1.40	1.38	1.17	1.16
Gases						
Biomass and Renewable Wastes	0.01	0.01	0.01	0.04	0.04	0.03
Solar	0.03	0.04	0.04	0.06	0.07	0.07
Geothermal	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.19	0.26	0.34	0.42	0.34	0.34
Derived heat					0.00	0.00
Wastes, Non-Renewable	0.00	0.00	0.00	0.01	0.00	0.01
by Sector						
Industry	0.39	0.44	0.32	0.24	0.19	0.22
Transport	0.76	0.86	0.98	1.05	0.87	0.84
Households	0.14	0.18	0.32	0.33	0.30	0.29
Services	0.07	0.11	0.16	0.25	0.20	0.20
Agriculture and Fishing	0.01	0.01	0.04	0.04	0.04	0.04
Other	0.05	0.05	0.02	0.02	0.02	0.02

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**0.69**	**0.99**	**1.13**	**1.56**	**1.70**	**1.72**
Combustible Fuels	0.69	0.99	1.12	1.47	1.52	1.51
Nuclear						
Hydro						
Wind				0.08	0.15	0.15
Solar PV			0.00	0.01	0.04	0.06
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**2.50**	**3.37**	**4.38**	**5.32**	**4.29**	**4.35**
Solid Fuels						
Petroleum and Products	2.50	3.37	4.38	5.25	3.96	4.03
Gases						
Nuclear						
Renewables	0.00	0.00	0.00	0.07	0.33	0.32
Wastes, non-RES						0.00
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.01	0.02	0.01	n.a.
CHP Electricity Generation (TWh)			0.01	0.06	0.06	n.a.
CHP in Total Electricity Generation (%)			0.3 %	1.1 %	1.4 %	n.a.
CHP Heat Production (PJ)			0.1	0.1	0.2	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	760	860	982	1 035	852	833
Motor Gasoline	194	218	321	413	369	361
Gas/Diesel Oil	293	359	355	338	236	229
Final Consumption Biofuels				15	15	10
Biogasoline						
Biodiesel				15	15	10
Main Energy Indicators						
Energy Intensity (toe/M€'10)	167.7	170.2	149.9	143.3	124.1	129.5
Energy per Capita (kgoe/cap)	3 044.6	3 494.6	3 463.5	3 345.0	2 523.5	2 592.1
Final Electricity per Capita (KWh/cap)	3 444.4	4 338.9	5 402.0	5 959.9	4 528.4	4 621.2
Primary Energy Intensity (toe/M€'10)	162.4	164.2	145.6	138.9	122.5	128.1
Import Dependency (%)	**100.5 %**	**98.6 %**	**100.7 %**	**100.8 %**	**96.4 %**	**93.4 %**
of Solid Fuels	100.0 %	100.0 %	119.4 %	64.7 %		150.0 %
of Hard Coal	100.0 %	100.0 %	119.4 %	64.7 %		150.0 %
of Petroleum Fuels	102.6 %	100.3 %	102.3 %	104.2 %	100.9 %	98.1 %
of Crude and NGL	96.3 %	98.5 %				
of Natural Gas						
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			3.1 %	6.0 %	8.1 %	9.0 %
RES-H&C – Heating and Cooling			10.0 %	18.2 %	21.7 %	21.8 %
RES-E – Electricity Generation			0.0 %	1.4 %	6.6 %	7.4 %
RES-T – Transport			0.0 %	2.0 %	1.1 %	2.7 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	6.70	7.97	8.81	8.84	7.23	7.66
GHGs Emissions*	7.94	9.22	10.17	10.40	8.77	9.20
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	10 382.2	11 546.1	12 017.7	10 795.0	8 345.2	8 922.3
Carbon Intensity (kg CO_2/toe)	3 410.0	3 304.0	3 469.8	3 227.2	3 307.0	3 442.2
CO_2 GDP Intensity (ton CO_2/M€'10)	572.0	562.5	520.3	462.5	410.3	445.8

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.14 Latvia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**1.43**	**1.47**	**1.87**	**1.98**	**2.14**	**2.38**
Solid Fuels	0.08	0.02	0.00	0.00	0.00	0.00
of which Hard Coal						
Petroleum and Products	0.00	0.06	0.01	0.00	0.00	0.00
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	1.35	1.39	1.85	1.96	2.14	2.37
Wastes, Non-Renewable			0.00	0.01	0.00	0.01
Net Imports	**3.36**	**2.36**	**3.10**	**2.22**	**2.63**	**1.90**
Solid Fuels	0.17	0.06	0.08	0.11	0.06	0.05
of which Hard Coal	0.16	0.05	0.07	0.11	0.06	0.05
Petroleum and Products	2.09	1.24	1.78	1.67	1.65	1.54
of which Crude and NGL						
Gases	1.00	1.11	1.43	0.90	1.39	0.78
of which Natural Gas	1.00	1.11	1.43	0.90	1.39	0.78
Renewables	-0.09	-0.20	-0.38	-0.56	-0.65	-0.72
Electricity	0.19	0.15	0.18	0.08	0.12	0.20
Gross Inland Consumption	**4.62**	**3.86**	**4.59**	**4.63**	**4.47**	**4.45**
Solid Fuels	0.27	0.13	0.08	0.11	0.07	0.06
of which Hard Coal	0.17	0.07	0.08	0.11	0.07	0.06
Petroleum and Products	1.89	1.30	1.49	1.52	1.41	1.43
of which Crude and NGL						
Gases	1.01	1.09	1.36	1.46	1.21	1.08
of which Natural Gas	1.01	1.09	1.36	1.46	1.21	1.08
Nuclear						
Renewables	1.26	1.19	1.48	1.44	1.61	1.61
Electricity	0.19	0.15	0.19	0.08	0.12	0.20
Wastes, Non-Renewable			0.00	0.03	0.05	0.07
Primary Energy Consumption	**4.58**	**3.79**	**4.50**	**4.56**	**4.36**	**4.36**
Available for Final Consumption	**3.94**	**3.28**	**4.11**	**4.17**	**3.96**	**3.99**
Final Non-Energy Consumption	**0.04**	**0.08**	**0.10**	**0.07**	**0.11**	**0.09**
Final Energy Consumption	**3.85**	**3.25**	**4.02**	**4.12**	**3.86**	**3.89**
by Fuel/Product						
Solid Fuels	0.13	0.06	0.07	0.09	0.06	0.05
Petroleum and Products	1.16	1.06	1.32	1.45	1.30	1.32
Gases	0.37	0.33	0.51	0.50	0.34	0.33
Biomass and Renewable Wastes	0.88	0.82	1.01	0.95	1.02	1.05
Solar						
Geothermal						
Electricity	0.38	0.39	0.49	0.53	0.57	0.57
Derived heat	0.93	0.60	0.60	0.58	0.52	0.51
Wastes, Non-Renewable	0.00	0.00	0.00	0.03	0.05	0.07
by Sector						
Industry	0.70	0.58	0.70	0.77	0.77	0.79
Transport	0.72	0.75	1.07	1.20	1.07	1.09
Households	1.60	1.33	1.50	1.39	1.27	1.24
Services	0.66	0.47	0.59	0.60	0.60	0.61
Agriculture and Fishing	0.17	0.13	0.15	0.16	0.15	0.15
Other	0.00	0.00	0.00	0.00	0.00	0.00

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**2.07**	**2.09**	**2.17**	**2.56**	**2.91**	**2.92**
Combustible Fuels	0.56	0.58	0.60	0.95	1.26	1.27
Nuclear						
Hydro	1.51	1.51	1.54	1.58	1.59	1.59
Wind	0.00	0.00	0.03	0.03	0.07	0.07
Solar PV						
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**3.98**	**4.14**	**4.91**	**6.63**	**6.21**	**5.14**
Solid Fuels	0.10	0.08	0.00	0.00	0.00	0.00
Petroleum and Products	0.42	0.11	0.01	0.00	0.00	0.00
Gases	0.53	1.13	1.49	2.99	2.67	2.34
Nuclear						
Renewables	2.94	2.82	3.41	3.64	3.53	2.80
Wastes, non-RES						
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.59	0.87	1.24	n.a.
CHP Electricity Generation (TWh)			1.51	2.98	2.38	n.a.
CHP in Total Electricity Generation (%)			30.7 %	45.0 %	38.3 %	n.a.
CHP Heat Production (PJ)			11.91	10.45	11.31	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	699	734	1 050	1 163	1 033	1 059
Motor Gasoline	430	347	352	294	210	206
Gas/Diesel Oil	242	340	613	728	642	680
Final Consumption Biofuels			3	27	22	24
Biogasoline			0	8	6	6
Biodiesel			3	19	15	18
Main Energy Indicators						
Energy Intensity (toe/M€'10)	484.7	315.2	252.6	260.5	220.8	215.1
Energy per Capita (kgoe/cap)	1 848.8	1 622.4	2 041.1	2 183.0	2 206.7	2 224.4
Final Electricity per Capita (KWh/cap)	1 785.6	1 879.7	2 546.5	2 930.9	3 249.3	3 289.1
Primary Energy Intensity (toe/M€'10)	480.3	309.1	247.3	256.4	215.5	210.5
Import Dependency (%)	**70.4 %**	**61.0 %**	**63.9 %**	**45.5 %**	**55.8 %**	**40.6 %**
of Solid Fuels	61.6 %	46.2 %	93.9 %	102.8 %	87.7 %	76.7 %
of Hard Coal	93.6 %	81.8 %	97.3 %	106.7 %	91.4 %	78.0 %
of Petroleum Fuels	102.6 %	94.8 %	102.2 %	94.4 %	100.3 %	92.4 %
of Crude and NGL						
of Natural Gas	98.9 %	101.9 %	105.6 %	61.8 %	115.5 %	72.1 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			32.3 %	30.4 %	37.1 %	38.7 %
RES-H&C – Heating and Cooling			42.7 %	40.7 %	49.7 %	52.2 %
RES-E – Electricity Generation			43.0 %	42.1 %	48.8 %	51.1 %
RES-T – Transport			1.3 %	3.3 %	3.1 %	3.2 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	9.23	7.18	7.99	8.90	7.73	7.53
GHGs Emissions*	12.88	10.51	11.58	12.63	11.70	11.63
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	3 692.3	3 015.1	3 553.4	4 196.8	3 818.0	3 761.3
Carbon Intensity (kg CO_2/toe)	1 997.2	1 858.4	1 740.9	1 922.5	1 730.2	1 690.9
CO_2 GDP Intensity (ton CO_2/M€'10)	968.1	585.7	439.7	500.8	382.0	363.6

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.15 Lithuania

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**3.8**	**3.3**	**4.0**	**1.3**	**1.4**	**1.5**
Solid Fuels	0.02	0.01	0.02	0.01	0.02	0.03
of which Hard Coal						
Petroleum and Products	0.15	0.37	0.33	0.14	0.11	0.10
of which Crude and NGL	0.13	0.32	0.22	0.12	0.09	0.08
Gases						
of which Natural Gas						
Nuclear	3.11	2.22	2.71			
Renewables	0.50	0.68	0.90	1.19	1.29	1.36
Wastes, Non-Renewable					0.02	0.02
Net Imports	**5.54**	**4.25**	**5.03**	**5.67**	**5.30**	**5.23**
Solid Fuels	0.16	0.08	0.18	0.20	0.28	0.21
of which Hard Coal	0.15	0.07	0.16	0.16	0.23	0.18
Petroleum and Products	3.58	2.22	2.62	2.61	2.34	2.28
of which Crude and NGL	3.10	4.55	8.90	9.05	9.02	7.51
Gases	2.03	2.07	2.49	2.49	2.17	2.14
of which Natural Gas	2.03	2.07	2.49	2.49	2.17	2.14
Renewables	0.00	-0.01	-0.01	-0.14	-0.07	-0.07
Electricity	-0.23	-0.12	-0.26	0.52	0.60	0.66
Gross Inland Consumption	**8.64**	**7.06**	**8.71**	**6.79**	**6.69**	**6.70**
Solid Fuels	0.25	0.09	0.19	0.21	0.28	0.24
of which Hard Coal	0.22	0.07	0.15	0.17	0.21	0.19
Petroleum and Products	2.99	2.13	2.71	2.50	2.42	2.44
of which Crude and NGL	3.11	4.82	9.34	9.14	9.14	7.60
Gases	2.03	2.06	2.48	2.49	2.17	2.07
of which Natural Gas	2.03	2.06	2.48	2.49	2.17	2.07
Nuclear	3.11	2.22	2.71			
Renewables	0.49	0.68	0.88	1.07	1.21	1.28
Electricity	-0.23	-0.12	-0.26	0.52	0.60	0.66
Wastes, Non-Renewable	0.00	0.00	0.00	0.00	0.02	0.02
Primary Energy Consumption	**8.10**	**6.40**	**7.91**	**6.07**	**5.68**	**5.63**
Available for Final Consumption	**5.13**	**4.28**	**5.39**	**5.48**	**5.74**	**5.90**
Final Non-Energy Consumption	**0.54**	**0.66**	**0.80**	**0.71**	**1.01**	**1.07**
Final Energy Consumption	**4.60**	**3.77**	**4.60**	**4.76**	**4.74**	**4.83**
by Fuel/Product						
Solid Fuels	0.23	0.08	0.18	0.21	0.27	0.23
Petroleum and Products	1.67	1.36	1.62	1.61	1.63	1.80
Gases	0.51	0.36	0.52	0.57	0.49	0.46
Biomass and Renewable Wastes	0.45	0.61	0.70	0.74	0.73	0.71
Solar						
Geothermal						
Electricity	0.55	0.53	0.69	0.72	0.77	0.79
Derived heat	1.19	0.83	0.91	0.92	0.85	0.84
Wastes, Non-Renewable						
by Sector						
Industry	1.02	0.78	0.99	0.90	0.98	0.97
Transport	1.04	1.06	1.43	1.55	1.57	1.74
Households	1.64	1.37	1.51	1.60	1.48	1.41
Services	0.69	0.46	0.56	0.60	0.60	0.59
Agriculture and Fishing	0.20	0.10	0.11	0.11	0.11	0.11
Other	0.00	0.00	0.00	0.01	0.01	0.01

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**5.87**	**5.72**	**4.56**	**3.57**	**4.32**	**4.04**
Combustible Fuels	2.46	2.46	2.47	2.54	3.08	2.78
Nuclear	2.73	2.37	1.18			
Hydro	0.67	0.86	0.88	0.88	0.88	0.88
Wind			0.00	0.13	0.28	0.29
Solar PV				0.00	0.07	0.07
Geothermal						
Tide, Wave and Ocean						
Other Sources	0.01	0.03	0.03	0.03	0.03	0.03
Gross Electricity Generation (TWh)	**13.90**	**11.43**	**14.78**	**5.75**	**4.76**	**4.40**
Solid Fuels						0.00
Petroleum and Products	1.07	0.66	0.40	0.65	0.21	0.16
Gases	0.23	1.62	3.02	3.19	2.22	1.75
Nuclear	11.82	8.42	10.34			
Renewables	0.75	0.64	0.83	1.67	2.07	2.20
Wastes, non-RES					0.03	0.04
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.04	1.10	1.18	n.a.
CHP Electricity Generation (TWh)			2.30	1.99	1.67	n.a.
CHP in Total Electricity Generation (%)			15.5 %	34.6 %	35.0 %	n.a.
CHP Heat Production (PJ)			19.90	19.34	15.35	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 031	1 050	1 405	1 469	1 478	1 642
Motor Gasoline	618	390	351	296	210	205
Gas/Diesel Oil	346	513	779	951	1 052	1 216
Final Consumption Biofuels			3	45	58	63
Biogasoline			1	10	6	6
Biodiesel			3	34	51	57
Main Energy Indicators						
Energy Intensity (toe/M€'10)	592.4	385.5	329.5	242.2	209.3	203.3
Energy per Capita (kgoe/cap)	2 371.4	2 011.1	2 596.3	2 160.1	2 250.1	2 274.5
Final Electricity per Capita (KWh/cap)	1 744.4	1 764.5	2 377.5	2 651.8	3 013.2	3 138.1
Primary Energy Intensity (toe/M€'10)	555.1	349.4	299.1	216.7	177.7	170.8
Import Dependency (%)	**63.1 %**	**59.4 %**	**56.8 %**	**81.8 %**	**78.3 %**	**77.9 %**
of Solid Fuels	64.4 %	87.0 %	94.6 %	92.0 %	99.6 %	89.4 %
of Hard Coal	69.1 %	100.0 %	102.6 %	95.3 %	108.5 %	97.3 %
of Petroleum Fuels	114.5 %	100.4 %	91.9 %	98.7 %	93.2 %	93.0 %
of Crude and NGL	99.5 %	94.5 %	95.3 %	99.0 %	98.7 %	98.8 %
of Natural Gas	100.0 %	100.0 %	100.7 %	99.7 %	100.0 %	103.8 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			17.0 %	19.8 %	23.0 %	23.9 %
RES-H&C – Heating and Cooling			30.1 %	33.2 %	37.7 %	41.6 %
RES-E – Electricity Generation			3.8 %	7.4 %	13.1 %	13.7 %
RES-T – Transport			0.5 %	3.6 %	4.6 %	4.2 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	15.14	11.87	14.09	13.76	13.20	12.97
GHGs Emissions*	21.69	18.77	22.40	20.24	19.35	19.24
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	4 155.8	3 380.4	4 198.2	4 380.8	4 441.2	4 405.3
Carbon Intensity (kg CO_2/toe)	1 752.5	1 680.9	1 617.0	2 028.0	1 973.8	1 936.8
CO_2 GDP Intensity (ton CO_2/M€'10)	1 038.1	648.0	532.8	491.1	413.0	393.8

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.16 Luxembourg

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**0.05**	**0.06**	**0.11**	**0.12**	**0.14**	**0.16**
Solid Fuels						
of which Hard Coal						
Petroleum and Products						
of which Crude and NGL						
Gases					0.00	0.00
of which Natural Gas					0.00	0.00
Nuclear						
Renewables	0.04	0.04	0.07	0.09	0.10	0.12
Wastes, Non-Renewable	0.01	0.03	0.04	0.03	0.03	0.03
Net Imports	**3.25**	**3.64**	**4.68**	**4.51**	**4.21**	**4.07**
Solid Fuels	0.49	0.11	0.08	0.07	0.05	0.05
of which Hard Coal	0.13	0.10	0.07	0.06	0.04	0.05
Petroleum and Products	1.77	2.37	3.14	2.85	2.79	2.69
of which Crude and NGL						
Gases	0.56	0.67	1.18	1.20	0.89	0.84
of which Natural Gas	0.56	0.67	1.18	1.20	0.89	0.84
Renewables				0.04	0.06	0.07
Electricity	0.43	0.49	0.28	0.35	0.43	0.42
Gross Inland Consumption	**3.32**	**3.65**	**4.80**	**4.64**	**4.34**	**4.22**
Solid Fuels	0.49	0.11	0.08	0.07	0.05	0.05
of which Hard Coal	0.13	0.10	0.07	0.06	0.04	0.05
Petroleum and Products	1.80	2.32	3.16	2.87	2.78	2.67
of which Crude and NGL						
Gases	0.56	0.67	1.18	1.20	0.89	0.85
of which Natural Gas	0.56	0.67	1.18	1.20	0.89	0.85
Nuclear						
Renewables	0.04	0.04	0.07	0.13	0.16	0.19
Electricity	0.43	0.49	0.28	0.35	0.43	0.42
Wastes, Non-Renewable	0.01	0.03	0.04	0.03	0.03	0.03
Primary Energy Consumption	**3.28**	**3.60**	**4.77**	**4.61**	**4.30**	**4.18**
Available for Final Consumption	**3.17**	**3.56**	**4.53**	**4.36**	**4.17**	**4.03**
Final Non-Energy Consumption	**0.05**	**0.06**	**0.03**	**0.03**	**0.04**	**0.04**
Final Energy Consumption	**3.11**	**3.51**	**4.48**	**4.33**	**4.13**	**4.00**
by Fuel/Product						
Solid Fuels	0.34	0.11	0.08	0.07	0.05	0.05
Petroleum and Products	1.75	2.26	3.11	2.84	2.74	2.64
Gases	0.58	0.61	0.63	0.68	0.60	0.55
Biomass and Renewable Wastes	0.02	0.02	0.04	0.09	0.11	0.12
Solar				0.00	0.00	0.00
Geothermal						
Electricity	0.43	0.50	0.53	0.57	0.53	0.54
Derived heat	0.00	0.01	0.08	0.07	0.08	0.09
Wastes, Non-Renewable	0.00	0.01	0.02	0.01	0.02	0.02
by Sector						
Industry	1.17	0.71	0.75	0.74	0.63	0.61
Transport	1.30	1.91	2.78	2.60	2.54	2.49
Households	0.56	0.47	0.53	0.51	0.50	0.48
Services	0.07	0.39	0.40	0.45	0.43	0.39
Agriculture and Fishing	0.01	0.02	0.02	0.03	0.02	0.03
Other	0.01	0.01				

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**1.25**	**1.22**	**1.68**	**1.71**	**1.81**	**2.02**
Combustible Fuels	0.12	0.07	0.49	0.50	0.53	0.52
Nuclear						
Hydro	1.13	1.13	1.13	1.13	1.13	1.33
Wind		0.01	0.04	0.04	0.06	0.06
Solar PV			0.02	0.03	0.10	0.11
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**1.23**	**1.17**	**4.13**	**4.59**	**2.89**	**2.97**
Solid Fuels						
Petroleum and Products	0.01	0.00	0.00	0.00	0.00	0.00
Gases	0.34	0.22	3.11	2.92	1.42	1.45
Nuclear	0.00	0.00	0.00	0.00	0.00	0.00
Renewables	0.85	0.92	1.00	1.63	1.41	1.46
Wastes, non-RES	0.03	0.03	0.03	0.05	0.06	0.06
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.10	0.12	0.51	n.a.
CHP Electricity Generation (TWh)			0.42	0.44	0.42	n.a.
CHP in Total Electricity Generation (%)			10.1 %	9.6 %	14.6 %	n.a.
CHP Heat Production (PJ)			1.19	3.21	3.38	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 291	1 909	2 772	2 552	2 474	2 408
Motor Gasoline	529	595	514	360	327	314
Gas/Diesel Oil	569	990	1 823	1 760	1 772	1 688
Final Consumption Biofuels			1	42	55	72
Biogasoline				1	1	3
Biodiesel				41	55	68
Main Energy Indicators						
Energy Intensity (toe/M€'10)	148.0	120.8	137.2	117.4	103.4	96.6
Energy per Capita (kgoe/cap)	8 194.3	8 427.1	10 407.0	9 243.8	8 077.6	7 668.1
Final Electricity per Capita (KWh/cap)	12 316.0	13 318.7	13 333.9	13 155.6	11 557.8	11 330.2
Primary Energy Intensity (toe/M€'10)	145.9	119.0	136.4	116.6	102.5	95.7
Import Dependency (%)	**97.7 %**	**99.6 %**	**97.4 %**	**97.1 %**	**97.0 %**	**96.6 %**
of Solid Fuels	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
of Hard Coal	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
of Petroleum Fuels	98.2 %	102.1 %	99.4 %	99.4 %	100.3 %	100.5 %
of Crude and NGL						
of Natural Gas	100.0 %	100.0 %	100.0 %	100.0 %	99.6 %	99.5 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			1.4 %	2.9 %	3.6 %	4.5 %
RES-H&C – Heating and Cooling			3.6 %	4.8 %	5.8 %	7.4 %
RES-E – Electricity Generation			3.2 %	3.8 %	5.3 %	5.9 %
RES-T – Transport			0.1 %	2.0 %	3.8 %	5.2 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	9.75	9.80	13.48	12.61	11.45	11.07
GHGs Emissions*	10.67	10.73	14.38	13.55	12.36	12.02
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	24 043.9	22 603.5	29 215.8	25 113.4	21 320.0	20 142.9
Carbon Intensity (kg CO_2/toe)	2 934.2	2 682.2	2 807.3	2 716.8	2 639.4	2 626.8
CO_2 GDP Intensity (ton CO_2/M€'10)	434.2	324.0	385.1	319.0	273.0	253.7

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.17 Hungary

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**13.90**	**11.60**	**10.37**	**11.06**	**10.20**	**10.11**
Solid Fuels	3.27	2.89	1.75	1.59	1.61	1.59
of which Hard Coal						
Petroleum and Products	2.33	1.70	1.46	1.15	0.94	0.90
of which Crude and NGL	2.33	1.69	1.39	1.06	0.86	0.82
Gases	3.79	2.48	2.33	2.24	1.54	1.44
of which Natural Gas	3.79	2.48	2.33	2.24	1.54	1.44
Nuclear	3.62	3.67	3.59	4.08	3.98	4.05
Renewables	0.87	0.83	1.19	1.92	2.05	2.05
Wastes, Non-Renewable	0.03	0.03	0.06	0.09	0.08	0.10
Net Imports	**12.55**	**13.96**	**17.42**	**14.97**	**11.81**	**14.06**
Solid Fuels	1.36	1.09	1.30	1.14	0.61	0.62
of which Hard Coal	1.23	1.12	1.30	1.39	1.03	1.03
Petroleum and Products	5.44	5.29	5.78	5.61	4.82	5.60
of which Crude and NGL	5.89	5.88	5.90	5.64	5.29	5.99
Gases	5.53	7.28	9.81	7.73	5.56	6.82
of which Natural Gas	5.53	7.28	9.81	7.73	5.56	6.82
Renewables	0.00	0.00	0.00	0.04	-0.19	-0.14
Electricity	0.21	0.30	0.54	0.45	1.02	1.15
Gross Inland Consumption	**26.18**	**25.30**	**27.61**	**25.71**	**22.68**	**22.77**
Solid Fuels	4.62	3.85	3.03	2.73	2.26	2.21
of which Hard Coal	1.19	1.13	1.24	1.40	1.04	1.02
Petroleum and Products	7.67	6.96	7.12	6.60	5.67	6.36
of which Crude and NGL	8.20	7.48	7.27	6.63	6.19	6.71
Gases	9.18	9.66	12.09	9.82	7.81	6.98
of which Natural Gas	9.18	9.66	12.09	9.82	7.81	6.98
Nuclear	3.62	3.67	3.59	4.08	3.98	4.05
Renewables	0.87	0.83	1.19	1.95	1.86	1.92
Electricity	0.21	0.30	0.54	0.45	1.02	1.15
Wastes, Non-Renewable	0.03	0.03	0.06	0.09	0.08	0.10
Primary Energy Consumption	**24.55**	**23.71**	**25.44**	**23.74**	**21.23**	**21.14**
Available for Final Consumption	**18.16**	**17.72**	**20.37**	**18.51**	**16.63**	**16.90**
Final Non-Energy Consumption	**1.63**	**1.59**	**2.17**	**1.97**	**1.45**	**1.64**
Final Energy Consumption	**16.23**	**16.14**	**18.23**	**16.53**	**15.27**	**15.37**
by Fuel/Product						
Solid Fuels	1.16	0.67	0.71	0.50	0.33	0.35
Petroleum and Products	4.20	4.22	4.90	4.53	4.28	4.80
Gases	6.37	6.50	7.84	6.28	5.42	5.14
Biomass and Renewable Wastes	0.73	0.69	0.58	1.05	1.06	1.04
Solar			0.00	0.01	0.01	0.01
Geothermal	0.08	0.08	0.08	0.09	0.10	0.10
Electricity	2.39	2.53	2.78	2.94	3.00	2.98
Derived heat	1.30	1.45	1.31	1.09	1.04	0.90
Wastes, Non-Renewable			0.03	0.03	0.03	0.04
by Sector						
Industry	3.85	3.51	3.38	2.91	3.88	4.09
Transport	2.70	3.31	4.31	4.26	3.57	3.99
Households	6.26	5.60	6.46	5.74	4.86	4.43
Services	2.64	3.03	3.51	3.14	2.44	2.24
Agriculture and Fishing	0.66	0.67	0.56	0.49	0.51	0.60
Other	0.13	0.02	0.00	0.00	0.01	0.01

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**7.40**	**8.28**	**8.59**	**8.99**	**8.42**	**8.81**
Combustible Fuels	5.52	6.38	6.65	6.65	5.99	6.33
Nuclear	1.84	1.85	1.87	2.00	2.00	2.00
Hydro	0.05	0.05	0.05	0.05	0.06	0.06
Wind			0.02	0.29	0.33	0.33
Solar PV				0.00	0.04	0.08
Geothermal						
Tide, Wave and Ocean						
Other Sources					0.01	0.01
Gross Electricity Generation (TWh)	**34.02**	**35.19**	**35.76**	**37.37**	**30.29**	**29.37**
Solid Fuels	9.08	9.59	7.02	6.23	6.30	6.00
Petroleum and Products	5.28	4.40	0.46	0.49	0.08	0.07
Gases	5.36	6.72	12.50	11.71	5.62	4.34
Nuclear	14.03	14.18	13.83	15.76	15.37	15.65
Renewables	0.22	0.24	1.87	3.02	2.79	3.14
Wastes, non-RES	0.05	0.06	0.07	0.15	0.10	0.12
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			2.05	1.86	1.67	n.a.
CHP Electricity Generation (TWh)			6.84	7.31	3.88	n.a.
CHP in Total Electricity Generation (%)			19.1 %	19.6 %	12.8 %	n.a.
CHP Heat Production (PJ)			47.42	42.18	27.00	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2 609	3 220	4 208	3 960	3 295	3 666
Motor Gasoline	1 530	1 433	1 589	1 287	1 115	1 187
Gas/Diesel Oil	897	1 553	2 323	2 414	1 985	2 278
Final Consumption Biofuels			3	175	137	188
Biogasoline			3	57	31	60
Biodiesel				118	106	128
Main Energy Indicators						
Energy Intensity (toe/M€'10)	377.7	314.6	278.3	261.8	226.6	219.5
Energy per Capita (kgoe/cap)	2 533.0	2 474.9	2 734.5	2 567.5	2 289.0	2 305.6
Final Electricity per Capita (KWh/cap)	2 684.0	2 880.3	3 202.6	3 415.8	3 519.4	3 513.5
Primary Energy Intensity (toe/M€'10)	354.2	294.8	256.4	241.7	212.1	203.7
Import Dependency (%)	**47.9 %**	**55.2 %**	**63.1 %**	**58.2 %**	**52.1 %**	**61.7 %**
of Solid Fuels	29.5 %	28.2 %	42.9 %	41.9 %	26.9 %	28.1 %
of Hard Coal	103.5 %	99.0 %	105.1 %	99.5 %	98.8 %	101.0 %
of Petroleum Fuels	71.0 %	76.0 %	81.2 %	85.1 %	85.0 %	88.0 %
of Crude and NGL	71.9 %	78.6 %	81.2 %	85.2 %	85.5 %	89.2 %
of Natural Gas	60.3 %	75.4 %	81.1 %	78.7 %	71.2 %	97.7 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			4.5 %	8.6 %	9.5 %	9.5 %
RES-H&C – Heating and Cooling			6.0 %	11.0 %	12.6 %	12.4 %
RES-E – Electricity Generation			4.4 %	7.1 %	6.6 %	7.3 %
RES-T – Transport			0.4 %	5.4 %	5.6 %	6.9 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	61.89	59.02	61.11	52.80	44.42	44.08
GHGs Emissions*	76.24	74.25	76.72	66.22	58.04	57.74
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	5 987.0	5 774.1	6 052.3	5 272.1	4 482.6	4 463.2
Carbon Intensity (kg CO_2/toe)	2 363.6	2 333.0	2 213.3	2 053.4	1 958.4	1 935.8
CO_2 GDP Intensity (ton CO_2/M€'10)	892.8	733.9	615.9	537.7	443.8	424.8

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.18 Malta

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production			0.00	0.00	0.01	0.01
Solid Fuels						
of which Hard Coal						
Petroleum and Products						0.001
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables			0.00	0.00	0.01	0.01
Wastes, Non-Renewable						
Net Imports	0.84	1.46	1.63	2.36	2.14	2.05
Solid Fuels						
of which Hard Coal						
Petroleum and Products	0.84	1.46	1.63	2.36	2.13	2.05
of which Crude and NGL						
Gases						
of which Natural Gas						
Renewables				0.00	0.00	0.01
Electricity						
Gross Inland Consumption	0.76	0.80	0.97	0.94	0.87	0.89
Solid Fuels						
of which Hard Coal						
Petroleum and Products	0.76	0.80	0.97	0.93	0.86	0.87
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables			0.00	0.01	0.01	0.02
Electricity						
Wastes, Non-Renewable						
Primary Energy Consumption	0.76	0.80	0.95	0.93	0.87	0.88
Available for Final Consumption	0.41	0.44	0.40	0.52	0.53	0.56
Final Non-Energy Consumption	0.00	0.00	0.02	0.01	0.01	0.00
Final Energy Consumption	0.46	0.44	0.38	0.50	0.53	0.54
by Fuel/Product						
Solid Fuels						
Petroleum and Products	0.35	0.31	0.22	0.34	0.35	0.36
Gases						
Biomass and Renewable Wastes				0.00	0.00	0.01
Solar			0.00	0.00	0.00	0.00
Geothermal						
Electricity	0.11	0.14	0.16	0.16	0.17	0.18
Derived heat						
Wastes, Non-Renewable						
by Sector						
Industry	0.04	0.04	0.04	0.04	0.05	0.05
Transport	0.31	0.28	0.20	0.28	0.28	0.29
Households	0.07	0.08	0.08	0.07	0.07	0.07
Services	0.03	0.04	0.05	0.10	0.12	0.12
Agriculture and Fishing	0.00	0.00	0.00	0.01	0.01	0.01
Other	0.00	0.00	0.02	0.00	0.00	0.00

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)				**0.57**	**0.65**	**0.68**
Combustible Fuels				0.57	0.62	0.62
Nuclear						
Hydro						
Wind						
Solar PV				0.00	0.03	0.06
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**1.63**	**1.92**	**2.24**	**2.11**	**2.25**	**2.25**
Solid Fuels	0.09					
Petroleum and Products	1.54	1.92	2.24	2.11	2.22	2.17
Gases						
Nuclear						
Renewables				0.00	0.04	0.08
Wastes, non-RES						
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)						
CHP Electricity Generation (TWh)						
CHP in Total Electricity Generation (%)						
CHP Heat Production (PJ)						
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	308	277	199	280	281	290
Motor Gasoline	129	76	73	74	74	74
Gas/Diesel Oil	106	78	38	104	101	103
Final Consumption Biofuels				1	3	5
Biogasoline						
Biodiesel				1	3	5
Main Energy Indicators						
Energy Intensity (toe/M€'10)	174.9	148.6	162.8	141.8	121.3	118.7
Energy per Capita (kgoe/cap)	2043.6	2106.8	2413.9	2260.7	2071.8	2082.8
Final Electricity per Capita (KWh/cap)	3407.8	4121.5	4614.2	4480.4	4699.0	4776.9
Primary Energy Intensity (toe/M€'10)	174.9	148.6	159.4	140.5	120.4	118.1
Import Dependency (%)	**104.8%**	**100.3%**	**100.0%**	**99.0%**	**104.1%**	**97.7%**
of Solid Fuels						
of Hard Coal						
of Petroleum Fuels	104.8%	100.3%	100.1%	99.3%	104.6%	98.3%
of Crude and NGL						
of Natural Gas						
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			0.2%	1.1%	3.7%	4.7%
RES-H&C – Heating and Cooling			2.2%	7.4%	14.6%	14.6%
RES-E – Electricity Generation			0.0%	0.0%	1.6%	3.3%
RES-T – Transport			0.0%	0.0%	3.5%	4.7%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions	2.64	2.76	2.98	2.99	2.79	2.82
GHGs Emissions	2.83	2.97	3.25	3.40	3.27	3.32
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7152.6	7254.1	7408.2	7232.6	6618.6	6618.6
Carbon Intensity (kg CO_2/toe)	3500.0	3443.2	3069.0	3199.3	3194.6	3177.7
CO_2 GDP Intensity (ton CO_2/M€'10)	612.0	511.5	499.6	453.7	387.4	377.1

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.19 Netherlands

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**70.06**	**61.95**	**66.87**	**74.42**	**73.35**	**62.90**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	6.91	6.70	6.87	6.08	5.63	6.24
of which Crude and NGL	3.52	2.40	2.32	1.43	1.54	1.84
Gases	60.88	52.20	56.28	63.53	61.95	50.37
of which Natural Gas	60.88	52.20	56.28	63.53	61.95	50.37
Nuclear	1.04	1.01	1.03	1.02	0.75	1.06
Renewables	0.92	1.45	1.97	3.06	4.37	4.56
Wastes, Non-Renewable	0.32	0.58	0.72	0.73	0.65	0.68
Net Imports	**17.15**	**34.71**	**37.85**	**30.14**	**24.38**	**30.23**
Solid Fuels	8.74	7.92	8.22	9.18	9.06	9.81
of which Hard Coal	8.96	7.94	8.21	9.06	9.11	9.86
Petroleum and Products	33.81	42.45	48.71	44.81	43.05	41.42
of which Crude and NGL	59.28	60.28	61.25	59.75	54.77	51.86
Gases	-26.37	-17.19	-20.94	-24.21	-28.60	-21.23
of which Natural Gas	-26.37	-17.19	-20.94	-24.21	-28.60	-21.23
Renewables	0.00	-0.10	0.29	0.13	-0.84	-1.19
Electricity	0.98	1.63	1.57	0.24	1.57	1.27
Gross Inland Consumption	**75.42**	**78.10**	**84.43**	**86.08**	**80.43**	**76.81**
Solid Fuels	8.93	7.77	8.09	7.54	8.12	9.01
of which Hard Coal	9.20	7.82	8.19	7.40	8.04	9.03
Petroleum and Products	28.73	30.75	35.41	34.06	32.20	32.20
of which Crude and NGL	62.92	62.31	63.35	61.19	56.51	54.94
Gases	34.51	35.01	35.34	39.31	33.50	29.06
of which Natural Gas	34.51	35.01	35.34	39.31	33.50	29.06
Nuclear	1.04	1.01	1.03	1.02	0.75	1.06
Renewables	0.92	1.35	2.27	3.19	3.50	3.40
Electricity	0.98	1.63	1.57	0.24	1.57	1.27
Wastes, Non-Renewable	0.32	0.58	0.72	0.73	0.80	0.82
Primary Energy Consumption	**64.32**	**65.97**	**69.02**	**70.57**	**66.11**	**62.66**
Available for Final Consumption	**64.15**	**67.88**	**72.61**	**72.99**	**68.63**	**63.73**
Final Non-Energy Consumption	**11.09**	**12.13**	**15.41**	**15.51**	**14.32**	**14.15**
Final Energy Consumption	**50.99**	**52.34**	**54.18**	**55.14**	**51.58**	**47.28**
by Fuel/Product						
Solid Fuels	1.45	1.38	1.55	1.36	1.46	1.50
Petroleum and Products	15.97	17.47	18.63	18.46	17.44	16.78
Gases	23.32	21.05	20.51	22.02	19.87	16.37
Biomass and Renewable Wastes	0.44	0.49	0.58	0.93	1.05	1.18
Solar	0.01	0.01	0.02	0.02	0.03	0.03
Geothermal				0.01	0.02	0.04
Electricity	6.96	8.21	9.00	9.29	8.97	8.74
Derived heat	2.83	3.70	3.85	3.00	2.69	2.61
Wastes, Non-Renewable	0.01	0.03	0.05	0.06	0.04	0.04
by Sector						
Industry	16.08	16.51	17.02	15.43	14.53	14.27
Transport	12.60	14.16	15.24	15.10	14.50	13.92
Households	11.79	10.83	10.74	12.46	11.41	9.12
Services	5.77	6.24	6.93	7.80	7.19	6.33
Agriculture and Fishing	4.63	4.50	4.17	4.22	3.85	3.55
Other	0.12	0.10	0.08	0.12	0.10	0.10

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**19.03**	**21.06**	**21.80**	**26.69**	**30.54**	**31.76**
Combustible Fuels	18.20	20.07	19.97	23.74	26.52	27.29
Nuclear	0.51	0.45	0.45	0.51	0.49	0.49
Hydro	0.04	0.04	0.04	0.04	0.04	0.04
Wind	0.25	0.45	1.22	2.24	2.71	2.87
Solar PV	0.00	0.01	0.05	0.09	0.75	1.05
Geothermal						
Tide, Wave and Ocean						
Other Sources	0.05	0.05	0.07	0.07	0.04	0.04
Gross Electricity Generation (TWh)	**81.17**	**89.63**	**99.92**	**119.27**	**101.74**	**103.42**
Solid Fuels	27.40	24.28	23.50	22.59	24.61	29.49
Petroleum and Products	2.81	2.64	2.26	1.25	1.20	1.91
Gases	44.63	54.36	61.03	78.55	59.02	54.46
Nuclear	4.02	3.93	4.00	3.97	2.89	4.09
Renewables	1.41	2.97	7.45	11.20	12.18	11.71
Wastes, non-RES	0.60	1.21	1.43	1.56	1.70	1.63
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			7.16	9.30	9.39	n.a.
CHP Electricity Generation (TWh)			29.47	39.24	34.77	n.a.
CHP in Total Electricity Generation (%)			29.4 %	33.2 %	34.5 %	n.a.
CHP Heat Production (PJ)			220.28	233.61	217.92	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	12472	14017	15097	14712	14027	13379
Motor Gasoline	4206	4233	4313	4162	3930	3801
Gas/Diesel Oil	4840	5861	6675	6783	6313	5731
Final Consumption Biofuels				230	299	358
Biogasoline				135	125	137
Biodiesel				95	174	221
Main Energy Indicators						
Energy Intensity (toe/M€'10)	168.1	140.8	142.4	136.3	127.2	120.3
Energy per Capita (kgoe/cap)	4889.4	4923.4	5177.7	5193.4	4793.3	4563.9
Final Electricity per Capita (KWh/cap)	5244.7	6020.1	6419.1	6515.8	6220.2	6038.9
Primary Energy Intensity (toe/M€'10)	143.4	118.9	116.4	111.7	104.6	98.1
Import Dependency (%)	**20.0 %**	**38.1 %**	**38.0 %**	**30.3 %**	**26.1 %**	**33.8 %**
of Solid Fuels	97.9 %	102.0 %	101.5 %	121.7 %	111.5 %	108.9 %
of Hard Coal	97.4 %	101.5 %	100.3 %	122.3 %	113.3 %	109.3 %
of Petroleum Fuels	86.1 %	97.3 %	96.1 %	94.1 %	95.6 %	92.4 %
of Crude and NGL	94.2 %	96.7 %	96.7 %	97.6 %	96.9 %	94.4 %
of Natural Gas	-76.4 %	-49.1 %	-59.3 %	-61.6 %	-85.4 %	-73.1 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			2.5 %	3.9 %	4.8 %	5.5 %
RES-H&C – Heating and Cooling			2.4 %	3.1 %	4.1 %	5.2 %
RES-E – Electricity Generation			6.3 %	9.6 %	10.0 %	10.0 %
RES-T – Transport			0.2 %	3.0 %	4.6 %	5.7 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	181.26	182.27	188.71	192.97	176.12	168.83
GHGs Emissions*	239.84	230.21	225.45	224.05	205.56	197.98
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	11751.9	11489.7	11573.4	11642.5	10496.3	10031.8
Carbon Intensity (kg CO_2/toe)	2403.5	2333.7	2235.2	2241.8	2189.8	2198.1
CO_2 GDP Intensity (ton CO_2/M€'10)	404.0	328.6	318.3	305.6	278.6	264.4

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.20 Austria

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**8.77**	**9.79**	**9.89**	**11.92**	**12.14**	**12.07**
Solid Fuels	0.34	0.29				
of which Hard Coal	0.00					
Petroleum and Products	1.08	1.09	1.00	1.04	0.87	0.91
of which Crude and NGL	1.07	1.07	0.97	1.00	0.87	0.91
Gases	1.27	1.55	1.40	1.40	1.19	1.09
of which Natural Gas	1.27	1.55	1.40	1.40	1.19	1.09
Nuclear						
Renewables	5.85	6.61	7.04	8.78	9.43	9.37
Wastes, Non-Renewable	0.23	0.25	0.44	0.70	0.66	0.70
Net Imports	**18.02**	**19.01**	**24.52**	**21.57**	**20.78**	**21.54**
Solid Fuels	2.64	3.02	3.97	3.36	3.13	3.07
of which Hard Coal	2.05	2.34	2.99	2.48	2.21	2.20
Petroleum and Products	10.10	10.84	13.21	11.50	11.19	10.97
of which Crude and NGL	7.56	7.22	7.88	6.70	7.80	7.67
Gases	5.46	5.31	7.15	6.12	5.28	6.24
of which Natural Gas	5.46	5.31	7.15	6.12	5.28	6.24
Renewables	0.04	-0.03	-0.04	0.39	0.56	0.47
Electricity	-0.21	-0.12	0.23	0.20	0.63	0.80
Gross Inland Consumption	**27.11**	**29.02**	**34.20**	**34.35**	**33.68**	**32.67**
Solid Fuels	3.48	3.60	3.98	3.37	3.31	3.05
of which Hard Coal	2.32	2.56	2.80	2.54	2.42	2.18
Petroleum and Products	11.29	12.13	14.40	12.77	12.08	11.90
of which Crude and NGL	8.63	8.31	8.90	7.78	8.61	8.56
Gases	6.44	6.59	8.16	8.12	7.06	6.45
of which Natural Gas	6.44	6.59	8.16	8.12	7.06	6.45
Nuclear						
Renewables	5.89	6.57	6.99	9.18	9.95	9.79
Electricity	-0.21	-0.12	0.23	0.20	0.63	0.80
Wastes, Non-Renewable	0.23	0.25	0.44	0.70	0.66	0.70
Primary Energy Consumption	**25.73**	**27.30**	**32.49**	**32.51**	**31.88**	**30.65**
Available for Final Consumption	**22.74**	**25.45**	**29.54**	**29.91**	**29.70**	**28.83**
Final Non-Energy Consumption	**1.38**	**1.72**	**1.71**	**1.84**	**1.80**	**2.02**
Final Energy Consumption	**21.37**	**23.69**	**27.81**	**28.03**	**27.90**	**26.80**
by Fuel/Product						
Solid Fuels	1.58	1.40	1.38	1.24	1.26	1.27
Petroleum and Products	8.83	9.78	12.04	10.50	10.01	9.69
Gases	3.79	4.50	5.12	5.15	5.18	4.78
Biomass and Renewable Wastes	2.15	2.34	2.67	3.60	3.83	3.64
Solar	0.04	0.06	0.09	0.16	0.18	0.18
Geothermal	0.00	0.01	0.01	0.01	0.01	0.01
Electricity	4.02	4.43	4.94	5.19	5.25	5.20
Derived heat	0.85	1.02	1.28	1.84	1.91	1.74
Wastes, Non-Renewable	0.12	0.15	0.27	0.36	0.27	0.30
by Sector						
Industry	6.41	7.30	8.70	9.15	9.20	9.09
Transport	5.83	6.98	9.04	8.70	8.82	8.73
Households	6.32	6.34	6.19	6.33	6.40	5.62
Services	2.27	2.55	3.33	3.29	2.92	2.83
Agriculture and Fishing	0.54	0.53	0.55	0.56	0.56	0.54
Other						

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**17.40**	**17.80**	**18.90**	**21.19**	**23.59**	**24.02**
Combustible Fuels	6.13	6.13	6.46	7.35	8.17	7.86
Nuclear						
Hydro	11.26	11.61	11.63	12.71	13.15	13.29
Wind	0.00	0.05	0.78	0.98	1.65	2.09
Solar PV	0.00	0.01	0.03	0.15	0.63	0.79
Geothermal			0.00	0.00	0.00	0.00
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**56.23**	**61.26**	**66.41**	**71.13**	**68.28**	**65.42**
Solid Fuels	4.32	5.73	7.17	4.92	4.21	2.96
Petroleum and Products	2.12	1.70	1.64	1.27	0.70	0.61
Gases	9.76	8.86	14.35	16.14	8.54	7.35
Nuclear						
Renewables	39.95	44.82	42.95	48.18	54.10	53.80
Wastes, non-RES	0.07	0.13	0.30	0.61	0.72	0.69
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			2.17	3.98	5.57	n.a.
CHP Electricity Generation (TWh)			7.68	11.79	9.87	n.a.
CHP in Total Electricity Generation (%)			11.6%	16.6%	14.4%	n.a.
CHP Heat Production (PJ)			100.11	113.98	110.83	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	5444	6515	8537	7763	7786	7647
Motor Gasoline	2429	2016	2109	1700	1561	1530
Gas/Diesel Oil	2537	3892	5721	5330	5515	5407
Final Consumption Biofuels	10	16	49	495	488	585
Biogasoline				79	67	63
Biodiesel	10	16	49	417	421	522
Main Energy Indicators						
Energy Intensity (toe/M€'10)	124.0	114.4	123.8	116.6	110.0	106.3
Energy per Capita (kgoe/cap)	3413.0	3626.9	4170.2	4113.0	3984.7	3840.5
Final Electricity per Capita (KWh/cap)	5880.5	6440.9	7000.8	7222.2	7218.6	7108.1
Primary Energy Intensity (toe/M€'10)	117.7	107.6	117.6	110.3	104.1	99.8
Import Dependency (%)	**66.4%**	**65.4%**	**71.6%**	**62.8%**	**61.6%**	**65.9%**
of Solid Fuels	75.7%	83.9%	99.6%	99.9%	94.5%	100.6%
of Hard Coal	88.3%	91.6%	107.1%	97.5%	91.5%	101.0%
of Petroleum Fuels	89.3%	89.1%	91.6%	89.9%	92.5%	92.0%
of Crude and NGL	87.6%	86.9%	88.5%	86.2%	90.5%	89.6%
of Natural Gas	84.8%	80.6%	87.7%	75.3%	74.7%	96.8%
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			23.8%	30.6%	32.3%	33.1%
RES-H&C – Heating and Cooling			22.1%	29.8%	32.7%	32.6%
RES-E – Electricity Generation			62.4%	65.7%	68.0%	70.0%
RES-T – Transport			2.8%	8.7%	7.8%	8.9%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	65.53	67.97	81.55	74.58	69.93	66.24
GHGs Emissions*	81.15	82.14	94.79	87.02	82.04	78.33
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	8249.5	8494.0	9943.3	8930.1	8274.2	7786.5
Carbon Intensity (kg CO_2/toe)	2417.1	2341.9	2384.4	2171.2	2076.5	2027.5
CO_2 GDP Intensity (ton CO_2/M€'10)	299.7	267.9	295.2	253.1	228.4	215.6

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.21 Poland

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**99.38**	**79.59**	**78.59**	**67.38**	**71.47**	**67.89**
Solid Fuels	91.07	71.30	68.86	55.38	57.14	54.03
of which Hard Coal	78.19	59.18	56.12	43.82	44.02	41.60
Petroleum and Products	0.37	1.06	1.14	1.06	1.55	1.56
of which Crude and NGL	0.27	0.63	0.84	0.68	0.95	0.93
Gases	3.18	3.32	3.89	3.70	3.83	3.73
of which Natural Gas	3.17	3.31	3.88	3.69	3.82	3.73
Nuclear						
Renewables	3.92	3.81	4.55	6.85	8.51	8.05
Wastes, Non-Renewable	0.84	0.10	0.16	0.40	0.45	0.52
Net Imports	**-1.16**	**8.77**	**15.94**	**31.53**	**25.17**	**27.05**
Solid Fuels	-21.25	-16.35	-13.04	-2.81	-5.48	-4.29
of which Hard Coal	-18.94	-13.85	-9.70	1.80	-0.80	0.43
Petroleum and Products	14.52	19.07	21.47	25.16	20.82	20.97
of which Crude and NGL	11.95	17.36	17.54	22.28	22.64	22.83
Gases	5.81	6.61	8.53	8.87	10.19	9.65
of which Natural Gas	5.81	6.61	8.53	8.87	10.19	9.65
Renewables	0.00	0.00	-0.07	0.43	0.03	0.54
Electricity	-0.24	-0.55	-0.96	-0.12	-0.39	0.19
Gross Inland Consumption	**98.83**	**88.65**	**92.22**	**100.68**	**97.98**	**94.31**
Solid Fuels	70.31	56.29	54.61	54.61	52.96	49.24
of which Hard Coal	59.72	46.35	45.55	47.94	44.45	41.39
Petroleum and Products	15.00	19.04	21.69	25.71	22.66	22.37
of which Crude and NGL	12.31	17.51	18.03	22.64	23.88	23.66
Gases	9.00	9.96	12.24	12.81	13.74	13.41
of which Natural Gas	9.00	9.96	12.24	12.81	13.74	13.40
Nuclear						
Renewables	3.92	3.80	4.49	7.27	8.56	8.59
Electricity	-0.24	-0.55	-0.96	-0.12	-0.39	0.19
Wastes, Non-Renewable	0.84	0.10	0.16	0.40	0.45	0.52
Primary Energy Consumption	**95.12**	**84.29**	**87.65**	**95.72**	**93.00**	**89.12**
Available for Final Consumption	**67.25**	**58.62**	**62.71**	**71.12**	**68.62**	**66.22**
Final Non-Energy Consumption	**3.71**	**4.36**	**4.57**	**4.96**	**4.98**	**5.19**
Final Energy Consumption	**62.94**	**55.26**	**58.47**	**66.36**	**63.29**	**61.61**
by Fuel/Product						
Solid Fuels	22.58	13.22	12.21	13.77	12.63	12.03
Petroleum and Products	11.65	15.50	17.84	20.73	18.56	18.58
Gases	7.76	7.57	8.77	9.46	9.43	8.94
Biomass and Renewable Wastes	3.73	3.52	3.81	5.22	5.59	5.25
Solar				0.01	0.02	0.02
Geothermal		0.00	0.01	0.01	0.02	0.02
Electricity	7.71	8.48	9.06	10.24	10.67	10.82
Derived heat	8.82	6.89	6.63	6.55	5.95	5.45
Wastes, Non-Renewable	0.70	0.08	0.14	0.38	0.43	0.50
by Sector						
Industry	23.03	18.50	15.35	14.14	14.96	15.05
Transport	8.30	9.92	12.54	17.69	16.27	16.37
Households	22.67	17.19	19.45	21.97	20.41	18.95
Services	4.16	4.97	6.70	8.83	8.07	7.80
Agriculture and Fishing	4.78	4.64	4.43	3.73	3.58	3.43
Other	0.01	0.04	0.00	0.00	0.00	0.00

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**29.48**	**30.56**	**32.26**	**33.36**	**35.82**	**35.99**
Combustible Fuels	27.42	28.37	29.78	29.91	30.03	29.76
Nuclear						
Hydro	2.06	2.18	2.32	2.34	2.36	2.36
Wind		0.00	0.12	1.11	3.43	3.84
Solar PV					0.00	0.03
Geothermal						
Tide, Wave and Ocean						
Other Sources			0.04	0.00	0.00	0.00
Gross Electricity Generation (TWh)	**139.01**	**145.18**	**156.94**	**157.66**	**164.58**	**159.06**
Solid Fuels	131.77	135.89	141.88	136.51	137.72	129.52
Petroleum and Products	1.52	1.92	2.76	2.89	1.78	1.59
Gases	1.50	2.96	6.53	6.67	7.31	7.36
Nuclear						
Renewables	3.92	4.34	5.42	11.46	17.63	20.39
Wastes, non-RES	0.30	0.08	0.04	0.05	0.03	0.05
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			8.31	8.69	8.29	n.a.
CHP Electricity Generation (TWh)			26.30	27.71	26.12	n.a.
CHP in Total Electricity Generation (%)			16.8%	17.6%	15.9%	n.a.
CHP Heat Production (PJ)			275.43	277.10	257.42	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	7891	9459	11911	16317	14883	15044
Motor Gasoline	4610	5319	4230	4243	3660	3535
Gas/Diesel Oil	2796	3396	5657	9737	8930	9154
Final Consumption Biofuels			49	867	748	705
Biogasoline			34	170	144	133
Biodiesel			15	698	603	573
Main Energy Indicators						
Energy Intensity (toe/M€'10)	517.8	359.4	321.0	278.3	250.8	233.7
Energy per Capita (kgoe/cap)	2561.6	2316.8	2415.9	2647.8	2574.1	2480.6
Final Electricity per Capita (KWh/cap)	2324.8	2578.1	2760.8	3131.4	3260.3	3310.6
Primary Energy Intensity (toe/M€'10)	498.4	341.7	305.1	264.6	238.0	220.9
Import Dependency (%)	**-1.2%**	**9.9%**	**17.2%**	**31.3%**	**25.6%**	**28.6%**
of Solid Fuels	-30.2%	-29.1%	-23.9%	-5.2%	-10.4%	-8.7%
of Hard Coal	-31.7%	-29.9%	-21.3%	3.7%	-1.8%	1.0%
of Petroleum Fuels	95.9%	98.7%	97.5%	97.0%	91.3%	93.1%
of Crude and NGL	97.1%	99.1%	97.3%	98.4%	94.8%	96.5%
of Natural Gas	64.6%	66.3%	69.7%	69.3%	74.2%	72.0%
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			6.9%	9.2%	11.3%	11.4%
RES-H&C – Heating and Cooling			10.2%	11.7%	14.1%	13.9%
RES-E – Electricity Generation			2.7%	6.6%	10.7%	12.4%
RES-T – Transport			1.0%	6.2%	6.0%	5.7%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	364.67	319.92	324.29	338.02	324.24	312.55
GHGs Emissions*	445.98	393.02	397.86	407.68	395.00	382.01
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	9452.2	8361.0	8495.1	8890.0	8518.7	8221.1
Carbon Intensity (kg CO_2/toe)	3690.0	3608.9	3516.4	3357.5	3309.4	3314.1
CO_2 GDP Intensity (ton CO_2/M€'10)	1910.7	1297.0	1128.7	934.4	830.0	774.6

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.22 Portugal

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**3.39**	**3.89**	**3.62**	**5.80**	**5.86**	**6.08**
Solid Fuels						
of which Hard Coal						
Petroleum and Products					0.09	0.09
of which Crude and NGL						
Gases	0.07	0.05				
of which Natural Gas						
Nuclear						
Renewables	3.32	3.76	3.48	5.64	5.63	5.85
Wastes, Non-Renewable		0.09	0.14	0.16	0.14	0.15
Net Imports	**18.02**	**22.07**	**24.85**	**18.59**	**16.79**	**16.26**
Solid Fuels	3.81	3.91	3.23	1.63	2.53	2.60
of which Hard Coal	3.84	3.97	3.22	1.63	2.53	2.59
Petroleum and Products	14.14	16.04	17.14	12.44	10.51	10.41
of which Crude and NGL	13.04	11.63	13.46	11.39	12.45	10.73
Gases	0.00	2.04	3.89	4.51	3.81	3.48
of which Natural Gas	0.00	2.04	3.89	4.51	3.81	3.48
Renewables				-0.21	-0.32	-0.32
Electricity	0.08	0.08	0.59	0.23	0.24	0.08
Gross Inland Consumption	**20.64**	**25.29**	**27.48**	**24.28**	**22.40**	**22.10**
Solid Fuels	3.60	3.81	3.35	1.66	2.65	2.68
of which Hard Coal	3.63	3.84	3.35	1.66	2.65	2.67
Petroleum and Products	13.57	15.48	16.17	12.29	10.27	10.17
of which Crude and NGL	13.04	11.76	13.44	11.53	12.15	10.98
Gases	0.07	2.08	3.75	4.49	3.76	3.47
of which Natural Gas	0.00	2.03	3.75	4.49	3.76	3.47
Nuclear						
Renewables	3.32	3.76	3.48	5.46	5.32	5.53
Electricity	0.08	0.08	0.59	0.23	0.24	0.08
Wastes, Non-Renewable	0.00	0.09	0.14	0.16	0.17	0.17
Primary Energy Consumption	**18.56**	**22.89**	**24.89**	**22.55**	**21.04**	**20.66**
Available for Final Consumption	**15.92**	**20.22**	**21.69**	**19.81**	**17.24**	**17.18**
Final Non-Energy Consumption	**2.08**	**2.39**	**2.59**	**1.73**	**1.36**	**1.44**
Final Energy Consumption	**13.85**	**17.92**	**19.01**	**18.10**	**15.86**	**15.81**
by Fuel/Product						
Solid Fuels	0.54	0.47	0.02	0.05	0.02	0.01
Petroleum and Products	8.27	10.71	10.81	9.28	7.74	7.87
Gases	0.11	0.87	1.31	1.56	1.57	1.55
Biomass and Renewable Wastes	2.40	2.41	2.51	2.48	2.15	2.06
Solar	0.02	0.02	0.02	0.05	0.07	0.08
Geothermal	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	2.48	3.30	3.98	4.29	3.89	3.89
Derived heat	0.04	0.13	0.33	0.34	0.35	0.27
Wastes, Non-Renewable			0.03	0.06	0.07	0.09
by Sector						
Industry	4.93	6.32	5.80	5.45	4.60	4.40
Transport	4.94	6.64	7.19	7.30	6.38	6.47
Households	2.56	2.80	3.22	2.98	2.64	2.57
Services	0.91	1.40	2.20	1.88	1.79	1.91
Agriculture and Fishing	0.49	0.73	0.58	0.46	0.42	0.43
Other	0.03	0.04	0.03	0.03	0.03	0.03

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**9.38**	**10.91**	**13.37**	**18.93**	**18.90**	**19.13**
Combustible Fuels	4.89	6.28	7.28	9.87	8.31	8.11
Nuclear						
Hydro	4.48	4.54	5.02	5.11	5.66	5.72
Wind	0.01	0.08	1.06	3.80	4.61	4.86
Solar PV		0.00	0.00	0.13	0.30	0.42
Geothermal	0.01	0.01	0.01	0.03	0.03	0.03
Tide, Wave and Ocean						0.00
Other Sources						
Gross Electricity Generation (TWh)	**33.27**	**43.76**	**46.58**	**54.09**	**51.67**	**52.80**
Solid Fuels	13.41	14.60	15.23	7.10	11.84	11.95
Petroleum and Products	10.31	8.42	8.79	3.01	1.70	1.36
Gases	0.05	7.23	13.61	14.90	7.23	6.83
Nuclear						
Renewables	9.50	13.26	8.65	28.75	30.61	32.40
Wastes, non-RES	0.00	0.26	0.31	0.33	0.30	0.25
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.08	1.31	1.40	n.a.
CHP Electricity Generation (TWh)			5.42	6.36	7.15	n.a.
CHP in Total Electricity Generation (%)			11.6%	11.8%	13.8%	n.a.
CHP Heat Production (PJ)			59.61	67.22	68.37	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	4913	6604	7137	6940	6080	6173
Motor Gasoline	2022	2272	1935	1450	1152	1144
Gas/Diesel Oil	2273	3523	4286	4366	3751	3824
Final Consumption Biofuels				309	261	261
Biogasoline					2	2
Biodiesel				305	255	255
Main Energy Indicators						
Energy Intensity (toe/M€'10)	150.8	151.3	157.4	135.0	133.6	130.7
Energy per Capita (kgoe/cap)	2061.8	2467.1	2618.0	2296.5	2135.9	2119.1
Final Electricity per Capita (KWh/cap)	2877.9	3744.1	4413.9	4718.2	4315.4	4334.3
Primary Energy Intensity (toe/M€'10)	135.6	137.0	142.6	125.3	125.5	122.2
Import Dependency (%)	**85.3%**	**85.1%**	**88.6%**	**75.1%**	**72.9%**	**71.6%**
of Solid Fuels	105.8%	102.9%	96.3%	98.3%	95.4%	96.9%
of Hard Coal	105.9%	103.4%	96.3%	98.2%	95.5%	96.9%
of Petroleum Fuels	100.6%	99.4%	102.3%	97.5%	96.3%	96.6%
of Crude and NGL	100.0%	99.0%	100.2%	98.8%	102.5%	97.7%
of Natural Gas		100.2%	103.8%	100.4%	101.5%	100.1%
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			19.5%	24.2%	25.7%	27.0%
RES-H&C – Heating and Cooling			32.1%	33.9%	34.5%	34.0%
RES-E – Electricity Generation			27.7%	40.7%	49.1%	52.1%
RES-T – Transport			0.2%	5.3%	0.7%	3.4%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	56.17	67.92	71.60	55.17	50.41	50.30
GHGs Emissions*	73.00	85.95	90.47	73.08	67.80	67.62
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	5612.5	6627.3	6822.3	5217.4	4806.6	4824.1
Carbon Intensity (kg CO_2/toe)	2722.1	2686.3	2605.9	2271.9	2250.4	2276.4
CO_2 GDP Intensity (ton CO_2/M€'10)	410.4	406.4	410.3	306.6	300.7	297.4

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.23 Romania

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**32.31**	**28.47**	**28.22**	**27.82**	**26.19**	**26.66**
Solid Fuels	7.89	5.60	5.80	5.90	4.66	4.45
of which Hard Coal	0.65	0.16	0.02	0.00	0.02	0.04
Petroleum and Products	6.82	6.36	6.23	4.57	4.33	4.28
of which Crude and NGL	6.72	6.30	5.58	4.52	4.26	4.18
Gases	14.45	10.97	9.70	8.62	8.60	8.77
of which Natural Gas	14.45	10.97	9.70	8.62	8.60	8.77
Nuclear	0.00	1.41	1.43	3.00	3.00	3.01
Renewables	2.80	4.04	4.98	5.71	5.56	6.09
Wastes, Non-Renewable	0.37	0.09	0.09	0.03	0.04	0.07
Net Imports	**14.03**	**7.99**	**10.84**	**7.83**	**6.02**	**5.50**
Solid Fuels	2.86	1.92	2.94	1.23	1.09	1.00
of which Hard Coal	3.01	1.65	2.42	0.47	0.55	0.41
Petroleum and Products	6.36	3.42	3.96	4.84	3.96	4.61
of which Crude and NGL	8.31	4.76	8.86	6.03	5.38	6.86
Gases	4.79	2.71	4.19	1.82	1.17	0.47
of which Natural Gas	4.79	2.71	4.19	1.82	1.17	0.47
Renewables	0.00	0.00	0.00	0.14	-0.02	0.04
Electricity	0.03	-0.06	-0.25	-0.20	-0.17	-0.61
Gross Inland Consumption	**46.31**	**36.65**	**39.21**	**35.80**	**32.43**	**32.29**
Solid Fuels	10.79	7.49	8.79	7.01	5.76	5.75
of which Hard Coal	3.69	1.72	2.37	0.47	0.55	0.47
Petroleum and Products	13.09	9.99	10.29	9.31	8.42	8.59
of which Crude and NGL	15.14	10.96	14.44	10.67	9.76	10.76
Gases	19.24	13.68	13.92	10.79	9.84	9.36
of which Natural Gas	19.24	13.68	13.92	10.79	9.84	9.36
Nuclear		1.41	1.43	3.00	3.00	3.01
Renewables	2.80	4.04	4.94	5.86	5.55	6.12
Electricity	0.03	-0.06	-0.25	-0.20	-0.17	-0.61
Wastes, Non-Renewable	0.37	0.10	0.09	0.03	0.04	0.07
Primary Energy Consumption	**45.07**	**34.77**	**36.74**	**34.33**	**30.97**	**30.77**
Available for Final Consumption	**30.36**	**25.03**	**26.87**	**24.77**	**22.91**	**22.89**
Final Non-Energy Consumption	**1.24**	**1.88**	**2.47**	**1.47**	**1.46**	**1.52**
Final Energy Consumption	**26.97**	**22.77**	**24.71**	**22.59**	**21.83**	**21.71**
by Fuel/Product						
Solid Fuels	1.64	1.05	1.61	0.94	0.73	0.72
Petroleum and Products	5.70	5.53	6.63	6.19	6.57	6.79
Gases	10.34	6.91	7.75	6.19	5.88	5.64
Biomass and Renewable Wastes	1.28	2.74	3.17	4.02	3.68	3.60
Solar				0.00	0.00	0.00
Geothermal	0.00	0.01	0.02	0.02	0.03	0.02
Electricity	3.13	2.92	3.34	3.55	3.49	3.60
Derived heat	4.68	3.57	2.14	1.65	1.41	1.27
Wastes, Non-Renewable	0.20	0.06	0.06	0.03	0.04	0.07
by Sector						
Industry	15.15	9.30	10.01	6.88	6.31	6.47
Transport	3.11	3.46	4.28	5.12	5.35	5.47
Households	6.33	8.41	7.99	8.10	7.72	7.40
Services	0.51	0.67	1.67	1.88	1.79	1.77
Agriculture and Fishing	1.00	0.40	0.22	0.39	0.47	0.42
Other	0.87	0.54	0.56	0.21	0.19	0.18

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**6.00**	**6.12**	**18.95**	**19.91**	**22.95**	**23.88**
Combustible Fuels			11.95	11.64	11.39	11.32
Nuclear			0.71	1.41	1.41	1.41
Hydro	6.00	6.12	6.29	6.47	6.61	6.61
Wind			0.00	0.39	2.77	3.24
Solar PV					0.76	1.29
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**59.27**	**51.93**	**59.41**	**60.98**	**58.89**	**65.68**
Solid Fuels	20.59	18.93	21.92	20.68	16.94	17.76
Petroleum and Products	5.80	3.40	1.89	0.69	0.56	0.49
Gases	15.97	9.00	9.83	7.32	9.27	8.15
Nuclear		5.46	5.56	11.62	11.62	11.68
Renewables	16.69	14.78	20.21	20.66	20.50	27.60
Wastes, non-RES	0.00	0.00	0.00	0.00	0.00	0.00
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.25	4.58	2.07	n.a.
CHP Electricity Generation (TWh)			15.55	6.54	6.61	n.a.
CHP in Total Electricity Generation (%)			26.2 %	10.7 %	11.2 %	n.a.
CHP Heat Production (PJ)			95.39	69.00	57.93	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2912	3273	4103	4882	5051	5211
Motor Gasoline	1082	1321	1600	1412	1268	1354
Gas/Diesel Oil	1583	1756	2298	3172	3519	3568
Final Consumption Biofuels				115	203	167
Biogasoline				47	56	42
Biodiesel				69	148	125
Main Energy Indicators						
Energy Intensity (toe/M€'10)	550.9	441.7	357.1	282.5	243.0	235.0
Energy per Capita (kgoe/cap)	2038.8	1632.1	1833.6	1764.0	1619.8	1618.8
Final Electricity per Capita (KWh/cap)	1600.6	1511.4	1817.3	2035.9	2029.4	2100.8
Primary Energy Intensity (toe/M€'10)	536.2	419.0	334.7	270.8	232.1	223.9
Import Dependency (%)	**30.3 %**	**21.8 %**	**27.6 %**	**21.9 %**	**18.5 %**	**17.0 %**
of Solid Fuels	26.5 %	25.6 %	33.4 %	17.6 %	18.9 %	17.4 %
of Hard Coal	81.7 %	96.0 %	102.2 %	100.9 %	100.4 %	87.0 %
of Petroleum Fuels	48.6 %	34.2 %	38.5 %	51.9 %	46.8 %	53.2 %
of Crude and NGL	54.9 %	43.5 %	61.3 %	56.5 %	55.1 %	63.8 %
of Natural Gas	24.9 %	19.8 %	30.1 %	16.8 %	11.8 %	5.0 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			17.6 %	23.4 %	23.9 %	24.9 %
RES-H&C – Heating and Cooling			18.0 %	27.2 %	26.2 %	26.8 %
RES-E – Electricity Generation			28.8 %	30.4 %	37.5 %	41.7 %
RES-T – Transport			1.0 %	3.2 %	4.6 %	3.8 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	127.87	94.52	101.60	80.32	73.87	73.98
GHGs Emissions*	183.39	140.94	147.02	117.49	110.53	110.38
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	5630.1	4209.3	4751.6	3957.9	3689.8	3709.0
Carbon Intensity (kg CO_2/toe)	2761.5	2579.1	2591.5	2243.7	2278.0	2291.2
CO_2 GDP Intensity (ton CO_2/M€'10)	1521.4	1139.1	925.5	633.7	553.5	538.4

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.24 Slovenia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**2.96**	**3.09**	**3.49**	**3.79**	**3.61**	**3.69**
Solid Fuels	1.19	1.06	1.18	1.20	1.08	0.82
of which Hard Coal						
Petroleum and Products	0.00	0.00	0.00	0.01	0.01	0.01
of which Crude and NGL	0.00	0.00				
Gases	0.02	0.01	0.00	0.01	0.00	0.00
of which Natural Gas	0.02	0.01	0.00	0.01	0.00	0.00
Nuclear	1.23	1.23	1.52	1.46	1.37	1.64
Renewables	0.51	0.79	0.77	1.10	1.12	1.18
Wastes, Non-Renewable	0.00	0.00	0.01	0.02	0.04	0.04
Net Imports	**3.09**	**3.41**	**3.86**	**3.58**	**3.25**	**3.01**
Solid Fuels	0.19	0.24	0.32	0.28	0.26	0.24
of which Hard Coal	0.14	0.20	0.29	0.23	0.19	0.21
Petroleum and Products	2.26	2.46	2.63	2.60	2.35	2.33
of which Crude and NGL	0.49	0.13				
Gases	0.75	0.82	0.93	0.86	0.69	0.62
of which Natural Gas	0.75	0.82	0.93	0.86	0.69	0.62
Renewables	0.03	0.00	0.00	0.03	0.06	0.05
Electricity	-0.14	-0.11	-0.03	-0.18	-0.11	-0.24
Gross Inland Consumption	**6.07**	**6.45**	**7.33**	**7.34**	**6.87**	**6.68**
Solid Fuels	1.38	1.31	1.54	1.45	1.35	1.05
of which Hard Coal	0.14	0.19	0.30	0.23	0.20	0.18
Petroleum and Products	2.32	2.42	2.58	2.60	2.36	2.33
of which Crude and NGL	0.51	0.14				
Gases	0.75	0.83	0.93	0.86	0.69	0.63
of which Natural Gas	0.75	0.83	0.93	0.86	0.69	0.63
Nuclear	1.23	1.23	1.52	1.46	1.37	1.64
Renewables	0.54	0.79	0.77	1.13	1.18	1.23
Electricity	-0.14	-0.11	-0.03	-0.18	-0.11	-0.24
Wastes, Non-Renewable	0.00	0.00	0.01	0.02	0.04	0.04
Primary Energy Consumption	**5.95**	**6.21**	**7.02**	**7.13**	**6.76**	**6.53**
Available for Final Consumption	**4.23**	**4.70**	**5.23**	**5.27**	**4.93**	**4.76**
Final Non-Energy Consumption	**0.12**	**0.24**	**0.31**	**0.21**	**0.12**	**0.15**
Final Energy Consumption	**4.09**	**4.46**	**4.90**	**5.04**	**4.80**	**4.61**
by Fuel/Product						
Solid Fuels	0.11	0.09	0.08	0.05	0.05	0.04
Petroleum and Products	2.13	2.26	2.41	2.47	2.24	2.18
Gases	0.58	0.57	0.67	0.62	0.54	0.52
Biomass and Renewable Wastes	0.26	0.44	0.44	0.63	0.65	0.57
Solar				0.01	0.01	0.01
Geothermal				0.03	0.03	0.03
Electricity	0.80	0.91	1.10	1.03	1.07	1.07
Derived heat	0.21	0.20	0.20	0.19	0.18	0.15
Wastes, Non-Renewable	0.00	0.00	0.01	0.02	0.03	0.04
by Sector						
Industry	1.18	1.42	1.64	1.27	1.20	1.23
Transport	1.35	1.26	1.49	1.81	1.84	1.82
Households	1.16	1.13	1.19	1.33	1.21	1.04
Services	0.40	0.53	0.48	0.53	0.47	0.43
Agriculture and Fishing	0.00	0.08	0.08	0.07	0.07	0.07
Other	0.00	0.04	0.02	0.03	0.02	0.02

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**2.52**	**2.61**	**2.99**	**3.19**	**3.43**	**3.45**
Combustible Fuels	1.10	1.12	1.36	1.26	1.26	1.24
Nuclear	0.66	0.66	0.66	0.67	0.69	0.69
Hydro	0.76	0.84	0.98	1.25	1.30	1.30
Wind					0.00	0.00
Solar PV				0.01	0.19	0.22
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**12.91**	**13.62**	**15.12**	**16.44**	**16.10**	**17.44**
Solid Fuels	4.60	4.61	5.27	5.29	4.88	3.76
Petroleum and Products	0.26	0.06	0.04	0.01	0.01	0.04
Gases	0.02	0.29	0.34	0.55	0.51	0.37
Nuclear	4.78	4.76	5.88	5.66	5.30	6.37
Renewables	3.25	3.90	3.58	4.93	5.40	6.89
Wastes, non-RES			0.01	0.01	0.01	0.01
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.34	0.33	0.35	n.a.
CHP Electricity Generation (TWh)			1.10	1.14	1.15	n.a.
CHP in Total Electricity Generation (%)			7.3 %	6.9 %	7.1 %	n.a.
CHP Heat Production (PJ)			15.00	11.60	10.83	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 334	1 236	1 476	1 746	1 761	1 764
Motor Gasoline	880	860	698	600	479	447
Gas/Diesel Oil	433	350	754	1 111	1 243	1 277
Final Consumption Biofuels				46	64	46
Biogasoline				4	8	8
Biodiesel				41	57	39
Main Energy Indicators						
Energy Intensity (toe/M€'10)	268.3	231.3	220.1	202.6	195.7	184.6
Energy per Capita (kgoe/cap)	3 052.1	3 245.4	3 666.9	3 587.2	3 338.3	3 242.0
Final Electricity per Capita (KWh/cap)	4 696.2	5 292.9	6 378.7	5 835.4	6 061.2	6 044.9
Primary Energy Intensity (toe/M€'10)	263.1	222.8	210.9	196.8	192.4	180.5
Import Dependency (%)	**50.9 %**	**52.8 %**	**52.5 %**	**48.6 %**	**46.9 %**	**44.6 %**
of Solid Fuels	13.6 %	18.7 %	21.0 %	19.2 %	19.5 %	22.9 %
of Hard Coal	100.0 %	100.5 %	93.8 %	100.9 %	97.0 %	112.6 %
of Petroleum Fuels	97.8 %	101.5 %	101.2 %	99.2 %	97.3 %	97.7 %
of Crude and NGL	95.9 %	87.5 %				
of Natural Gas	100.5 %	99.3 %	99.6 %	99.3 %	99.6 %	99.5 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			16.0 %	20.5 %	22.5 %	21.9 %
RES-H&C – Heating and Cooling			18.9 %	28.3 %	33.7 %	33.3 %
RES-E – Electricity Generation			28.7 %	32.2 %	33.1 %	33.9 %
RES-T – Transport			0.3 %	2.8 %	3.5 %	2.6 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	15.33	15.53	17.00	16.44	15.22	13.56
GHGs Emissions*	18.82	19.19	20.58	19.69	18.39	16.66
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7 707.5	7 811.7	8 509.9	8 029.6	7 393.4	6 580.4
Carbon Intensity (kg CO_2/toe)	2 525.4	2 407.0	2 320.7	2 238.4	2 214.7	2 029.7
CO_2 GDP Intensity (ton CO_2/M€'10)	677.6	556.8	510.9	453.4	433.4	374.8

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.25 Slovakia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**5.06**	**6.39**	**6.68**	**6.35**	**6.82**	**6.72**
Solid Fuels	1.02	1.02	0.64	0.61	0.58	0.58
of which Hard Coal						
Petroleum and Products	0.13	0.17	0.38	0.39	0.43	0.42
of which Crude and NGL	0.07	0.06	0.04	0.02	0.01	0.01
Gases	0.26	0.13	0.13	0.09	0.10	0.08
of which Natural Gas	0.26	0.13	0.13	0.09	0.10	0.08
Nuclear	2.95	4.26	4.63	3.82	4.11	4.04
Renewables	0.50	0.50	0.86	1.40	1.47	1.44
Wastes, Non-Renewable	0.21	0.32	0.05	0.03	0.13	0.15
Net Imports	**12.14**	**12.00**	**12.43**	**11.26**	**10.07**	**9.86**
Solid Fuels	4.14	3.43	3.74	2.95	2.78	2.85
of which Hard Coal	3.10	3.15	3.48	2.57	2.58	2.59
Petroleum and Products	3.36	3.09	3.27	3.30	3.00	2.98
of which Crude and NGL	5.09	5.72	5.43	5.31	5.74	5.36
Gases	4.53	5.71	5.74	5.00	4.35	3.95
of which Natural Gas	4.53	5.71	5.74	5.00	4.35	3.95
Renewables			-0.04	-0.08	-0.06	-0.03
Electricity	0.12	-0.23	-0.28	0.09	0.01	0.10
Gross Inland Consumption	**17.72**	**18.30**	**19.03**	**17.86**	**17.00**	**16.18**
Solid Fuels	5.39	4.28	4.23	3.90	3.45	3.42
of which Hard Coal	3.34	3.03	3.31	2.79	2.62	2.63
Petroleum and Products	3.34	3.42	3.71	3.68	3.34	3.28
of which Crude and NGL	5.01	5.86	5.56	5.32	5.68	5.30
Gases	5.22	5.78	5.88	5.01	4.56	3.77
of which Natural Gas	5.22	5.78	5.88	5.01	4.56	3.77
Nuclear	2.95	4.26	4.63	3.82	4.11	4.04
Renewables	0.50	0.49	0.81	1.33	1.41	1.42
Electricity	0.12	-0.23	-0.28	0.09	0.01	0.10
Wastes, Non-Renewable	0.21	0.32	0.05	0.04	0.13	0.15
Primary Energy Consumption	**16.79**	**16.94**	**17.75**	**16.80**	**15.93**	**15.25**
Available for Final Consumption	**12.23**	**12.72**	**12.84**	**12.65**	**11.71**	**11.05**
Final Non-Energy Consumption	**0.93**	**1.37**	**1.28**	**1.05**	**1.07**	**0.93**
Final Energy Consumption	**11.03**	**10.98**	**11.56**	**11.55**	**10.61**	**10.06**
by Fuel/Product						
Solid Fuels	2.56	1.75	1.57	1.64	1.46	1.43
Petroleum and Products	1.61	1.70	2.18	2.30	2.15	2.11
Gases	4.07	4.70	4.54	4.12	3.59	3.18
Biomass and Renewable Wastes	0.08	0.09	0.33	0.54	0.40	0.51
Solar				0.00	0.01	0.01
Geothermal			0.00	0.00	0.00	0.00
Electricity	1.87	1.89	1.97	2.08	2.16	2.08
Derived heat	0.72	0.62	0.95	0.85	0.74	0.61
Wastes, Non-Renewable	0.12	0.23	0.02	0.02	0.11	0.14
by Sector						
Industry	4.69	4.53	4.71	4.36	4.27	4.45
Transport	1.41	1.45	2.39	2.63	2.35	2.21
Households	1.98	2.59	2.54	2.31	2.15	1.95
Services	2.66	2.20	1.75	2.11	1.71	1.31
Agriculture and Fishing	0.30	0.21	0.17	0.13	0.13	0.14
Other						

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**7.24**	**7.45**	**8.26**	**7.87**	**8.46**	**8.09**
Combustible Fuels	3.22	2.39	3.09	3.50	3.43	3.07
Nuclear	1.76	2.64	2.64	1.82	1.94	1.94
Hydro	2.26	2.42	2.51	2.52	2.52	2.52
Wind			0.01	0.00	0.01	0.00
Solar PV				0.02	0.53	0.53
Geothermal						
Tide, Wave and Ocean						
Other Sources			0.01	0.02	0.03	0.03
Gross Electricity Generation (TWh)	**26.77**	**31.16**	**31.46**	**27.86**	**28.83**	**27.40**
Solid Fuels	6.46	5.58	5.54	3.57	3.07	2.87
Petroleum and Products	0.74	0.20	0.74	0.60	0.43	0.30
Gases	2.92	3.87	2.63	2.72	2.85	2.10
Nuclear	11.44	16.49	17.73	14.57	15.72	15.50
Renewables	5.23	4.98	4.78	6.33	6.67	6.48
Wastes, non-RES		0.03	0.02	0.02	0.02	0.03
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.41	2.82	4.38	n.a.
CHP Electricity Generation (TWh)			4.80	4.43	22.20	n.a.
CHP in Total Electricity Generation (%)			15.3%	15.9%	77.0%	n.a.
CHP Heat Production (PJ)			33.68	20.06	27.76	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1294	1372	1731	2093	1994	1936
Motor Gasoline	512	605	667	600	563	552
Gas/Diesel Oil	742	740	1011	1450	1353	1317
Final Consumption Biofuels			11	98	99	134
Biogasoline				24	18	25
Biodiesel			11	74	81	109
Main Energy Indicators						
Energy Intensity (toe/M€'10)	503.1	436.9	356.3	265.0	238.2	221.2
Energy per Capita (kgoe/cap)	3308.1	3390.1	3541.8	3312.4	3141.1	2987.7
Final Electricity per Capita (KWh/cap)	4057.0	4076.9	4253.0	4477.4	4635.9	4460.3
Primary Energy Intensity (toe/M€'10)	476.8	404.3	332.3	249.3	223.2	208.5
Import Dependency (%)	**68.5%**	**65.6%**	**65.3%**	**63.1%**	**59.2%**	**60.9%**
of Solid Fuels	76.7%	80.2%	88.4%	75.7%	80.6%	83.3%
of Hard Coal	92.9%	103.8%	105.2%	91.9%	98.4%	98.5%
of Petroleum Fuels	100.6%	90.5%	88.2%	89.5%	89.9%	91.0%
of Crude and NGL	101.5%	97.6%	97.7%	99.9%	101.0%	101.1%
of Natural Gas	86.8%	98.8%	97.5%	99.9%	95.3%	104.8%
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			6.4%	9.1%	10.1%	11.6%
RES-H&C – Heating and Cooling			5.0%	7.9%	7.9%	8.7%
RES-E – Electricity Generation			15.7%	17.8%	20.8%	23.0%
RES-T – Transport			1.1%	4.8%	5.3%	6.9%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	44.72	41.20	42.72	38.44	35.47	33.47
GHGs Emissions*	54.76	49.97	51.60	46.68	43.01	40.76
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	8350.0	7631.4	7951.8	7132.1	6555.2	6179.6
Carbon Intensity (kg CO_2/toe)	2524.1	2251.1	2245.1	2153.2	2086.9	2068.4
CO_2 GDP Intensity (ton CO_2/M€'10)	1269.9	983.4	799.8	570.5	497.0	457.5

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.26 Finland

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**13.13**	**15.16**	**16.95**	**17.99**	**18.67**	**18.67**
Solid Fuels	2.03	1.09	2.14	1.81	1.70	1.60
of which Hard Coal						
Petroleum and Products	0.02	0.46	0.54	0.73	0.74	0.67
of which Crude and NGL						
Gases					0.00	0.00
of which Natural Gas					0.00	0.00
Nuclear	4.96	5.80	6.00	5.88	6.09	6.08
Renewables	6.12	7.75	8.16	9.43	9.93	10.07
Wastes, Non-Renewable	0.01	0.07	0.11	0.15	0.21	0.24
Net Imports	**15.91**	**18.25**	**18.99**	**17.87**	**16.62**	**16.92**
Solid Fuels	3.83	3.54	3.34	3.98	3.35	3.60
of which Hard Coal	3.67	3.21	3.01	3.68	3.14	3.36
Petroleum and Products	8.51	10.26	10.65	9.23	9.08	9.18
of which Crude and NGL	8.67	11.56	10.57	11.21	12.13	12.07
Gases	2.84	3.43	3.61	3.84	2.86	2.51
of which Natural Gas	2.84	3.43	3.61	3.84	2.86	2.51
Renewables			-0.08	-0.08	-0.02	0.09
Electricity	0.72	1.02	1.46	0.90	1.35	1.55
Gross Inland Consumption	**29.36**	**32.44**	**34.54**	**37.14**	**34.13**	**34.59**
Solid Fuels	6.05	5.12	4.94	6.90	5.14	4.47
of which Hard Coal	4.12	3.28	2.93	4.31	3.60	2.84
Petroleum and Products	8.66	9.25	10.33	10.12	8.57	9.58
of which Crude and NGL	9.21	11.39	10.83	11.09	12.04	12.15
Gases	2.84	3.43	3.61	3.84	2.86	2.52
of which Natural Gas	2.84	3.43	3.61	3.84	2.86	2.52
Nuclear	4.96	5.80	6.00	5.88	6.09	6.08
Renewables	6.13	7.75	8.09	9.35	9.91	10.16
Electricity	0.72	1.02	1.46	0.90	1.35	1.55
Wastes, Non-Renewable	0.01	0.07	0.11	0.15	0.21	0.24
Primary Energy Consumption	**28.24**	**31.40**	**33.38**	**35.91**	**32.97**	**33.43**
Available for Final Consumption	**21.92**	**24.76**	**26.44**	**27.52**	**25.18**	**26.23**
Final Non-Energy Consumption	**1.13**	**1.04**	**1.15**	**1.22**	**1.16**	**1.16**
Final Energy Consumption	**21.98**	**24.32**	**25.19**	**26.24**	**24.68**	**24.42**
by Fuel/Product						
Solid Fuels	1.30	1.03	0.89	0.85	0.64	0.66
Petroleum and Products	7.67	7.81	8.15	7.72	7.16	6.71
Gases	1.33	1.21	1.10	1.03	0.91	0.86
Biomass and Renewable Wastes	3.94	4.48	4.23	4.89	4.96	5.40
Solar				0.00	0.00	0.00
Geothermal						
Electricity	5.61	6.51	6.94	7.18	6.87	6.81
Derived heat	2.13	3.27	3.85	4.54	4.08	3.93
Wastes, Non-Renewable	0.00	0.02	0.03	0.04	0.05	0.06
by Sector						
Industry	9.87	12.20	11.88	11.34	10.75	10.71
Transport	4.18	4.28	4.65	4.86	4.87	4.76
Households	5.44	4.49	5.02	5.81	5.12	5.07
Services	1.01	2.32	2.62	3.08	2.89	2.88
Agriculture and Fishing	0.76	0.77	0.75	0.81	0.79	0.72
Other	0.72	0.26	0.27	0.34	0.27	0.28

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**14.43**	**16.26**	**16.47**	**15.54**	**16.65**	**16.25**
Combustible Fuels	9.34	10.70	10.68	9.46	10.22	9.61
Nuclear	2.31	2.64	2.67	2.72	2.75	2.75
Hydro	2.78	2.88	3.04	3.16	3.22	3.25
Wind	0.01	0.04	0.08	0.20	0.45	0.63
Solar PV	0.00	0.00	0.00	0.01	0.01	0.01
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**64.04**	**69.98**	**70.58**	**80.67**	**71.26**	**68.09**
Solid Fuels	16.62	12.45	11.00	20.83	13.86	11.33
Petroleum and Products	1.45	0.59	0.50	0.48	0.23	0.24
Gases	7.21	10.82	11.92	11.85	7.30	6.01
Nuclear	19.22	22.48	23.27	22.80	23.61	23.58
Renewables	19.55	23.38	23.47	24.20	25.63	26.27
Wastes, non-RES	0.00	0.07	0.18	0.21	0.34	0.38
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.83	6.17	6.10	n.a.
CHP Electricity Generation (TWh)			27.46	29.24	24.32	n.a.
CHP in Total Electricity Generation (%)			38.9 %	36.2 %	34.1 %	n.a.
CHP Heat Production (PJ)			249.98	272.84	251.21	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	4127	4217	4574	4638	4571	4189
Motor Gasoline	2024	1748	1835	1531	1417	1364
Gas/Diesel Oil	1650	1943	2167	2433	2425	2109
Final Consumption Biofuels				140	223	498
Biogasoline				78	66	70
Biodiesel				63	157	428
Main Energy Indicators						
Energy Intensity (toe/M€'10)	238.0	205.2	192.3	198.5	181.8	185.6
Energy per Capita (kgoe/cap)	5758.9	6272.3	6595.3	6939.8	6288.6	6345.7
Final Electricity per Capita (KWh/cap)	12790.8	14635.4	15420.1	15603.1	14730.9	14517.2
Primary Energy Intensity (toe/M€'10)	228.8	198.6	185.8	192.0	175.6	179.3
Import Dependency (%)	**53.6 %**	**55.1 %**	**54.2 %**	**47.8 %**	**48.5 %**	**48.8 %**
of Solid Fuels	63.4 %	69.1 %	67.7 %	57.6 %	65.3 %	80.4 %
of Hard Coal	89.0 %	97.7 %	102.6 %	85.5 %	87.1 %	118.5 %
of Petroleum Fuels	94.6 %	103.5 %	98.4 %	89.4 %	104.4 %	94.8 %
of Crude and NGL	94.1 %	101.5 %	97.5 %	101.1 %	100.7 %	99.3 %
of Natural Gas	100.0 %	100.0 %	100.0 %	100.0 %	99.9 %	99.9 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			28.8 %	32.4 %	36.7 %	38.7 %
RES-H&C – Heating and Cooling			39.1 %	44.3 %	50.8 %	51.9 %
RES-E – Electricity Generation			26.9 %	27.7 %	30.9 %	31.4 %
RES-T – Transport			0.4 %	3.8 %	9.6 %	21.6 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	59.23	58.19	58.32	65.58	53.86	49.59
GHGs Emissions*	72.76	71.09	70.86	77.61	65.25	61.05
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	11616.0	11252.7	11137.9	12254.2	9925.8	9097.8
Carbon Intensity (kg CO_2/toe)	2017.1	1794.0	1688.8	1765.8	1578.4	1433.7
CO_2 GDP Intensity (ton CO_2/M€'10)	480.0	368.1	324.7	350.5	286.9	266.0

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.27 Sweden

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**31.38**	**30.05**	**34.26**	**32.76**	**34.80**	**34.27**
Solid Fuels	0.22	0.16	0.21	0.24	0.19	0.13
of which Hard Coal						
Petroleum and Products	0.00	0.00	0.03	0.07	0.11	0.13
of which Crude and NGL	0.00					
Gases	0.04	0.04	0.04	0.02	0.01	0.01
of which Natural Gas						
Nuclear	18.04	14.79	18.67	14.92	17.14	16.74
Renewables	12.84	14.74	14.83	17.00	16.77	16.66
Wastes, Non-Renewable	0.24	0.32	0.48	0.52	0.59	0.60
Net Imports	**20.43**	**20.44**	**19.46**	**19.29**	**16.02**	**15.99**
Solid Fuels	2.75	2.41	2.56	2.55	1.83	1.99
of which Hard Coal	2.37	2.14	2.22	2.29	1.73	1.91
Petroleum and Products	17.07	16.85	16.70	15.10	13.78	13.94
of which Crude and NGL	19.22	21.97	19.49	19.62	16.37	18.61
Gases	0.76	0.78	0.84	1.47	0.96	0.79
of which Natural Gas	0.76	0.78	0.84	1.47	0.96	0.79
Renewables					0.31	0.61
Electricity	-0.14	0.40	-0.64	0.18	-0.86	-1.34
Gross Inland Consumption	**51.47**	**48.90**	**50.99**	**50.78**	**49.13**	**48.17**
Solid Fuels	2.88	2.45	2.63	2.49	2.22	2.10
of which Hard Coal	2.33	1.98	2.12	1.99	1.94	1.84
Petroleum and Products	16.82	15.38	14.14	14.20	12.00	12.00
of which Crude and NGL	19.36	21.83	19.40	19.81	16.10	18.71
Gases	0.80	0.82	0.89	1.48	0.96	0.80
of which Natural Gas	0.76	0.78	0.84	1.47	0.96	0.79
Nuclear	18.04	14.79	18.67	14.92	17.14	16.74
Renewables	12.84	14.74	14.83	17.00	17.08	17.27
Electricity	-0.15	0.40	-0.64	0.18	-0.86	-1.34
Wastes, Non-Renewable	0.24	0.32	0.48	0.52	0.59	0.60
Primary Energy Consumption	**49.48**	**47.17**	**48.70**	**48.67**	**47.07**	**46.20**
Available for Final Consumption	**36.67**	**36.21**	**35.23**	**36.90**	**34.49**	**33.79**
Final Non-Energy Consumption	**1.99**	**1.73**	**2.29**	**2.11**	**2.07**	**1.97**
Final Energy Consumption	**35.05**	**34.97**	**33.66**	**34.08**	**31.59**	**31.20**
by Fuel/Product						
Solid Fuels	1.19	1.11	1.35	1.20	1.06	1.05
Petroleum and Products	13.93	13.27	11.42	10.04	8.63	8.65
Gases	0.61	0.67	0.76	0.73	0.68	0.72
Biomass and Renewable Wastes	5.07	5.29	4.71	5.67	6.01	6.10
Solar	0.01	0.01	0.01	0.01	0.01	0.01
Geothermal						
Electricity	10.71	11.07	11.24	11.28	10.75	10.51
Derived heat	3.54	3.55	4.17	5.14	4.46	4.17
Wastes, Non-Renewable	0.00	0.00	0.00	0.00	0.00	0.00
by Sector						
Industry	13.82	14.27	12.63	12.21	11.46	11.25
Transport	7.79	8.19	8.61	8.60	8.34	8.52
Households	7.74	7.30	7.31	8.04	7.48	6.63
Services	4.86	4.41	4.30	4.55	3.96	4.42
Agriculture and Fishing	0.84	0.76	0.80	0.68	0.36	0.38
Other	0.01	0.05	0.02	0.01		

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**33.63**	**33.72**	**33.39**	**36.45**	**37.92**	**38.74**
Combustible Fuels	7.35	7.53	7.08	8.72	7.78	8.08
Nuclear	10.06	9.46	9.47	8.98	9.41	9.51
Hydro	16.15	16.53	16.35	16.73	16.49	16.00
Wind	0.07	0.21	0.49	2.02	4.19	5.10
Solar PV	0.00	0.00	0.00	0.01	0.04	0.06
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**148.35**	**145.27**	**158.44**	**148.56**	**153.17**	**153.66**
Solid Fuels	2.45	1.71	1.17	1.77	0.98	0.59
Petroleum and Products	3.95	1.53	1.38	1.77	0.41	0.30
Gases	1.34	1.29	1.34	3.78	1.20	0.82
Nuclear	69.94	57.32	72.38	57.83	66.46	64.88
Renewables	70.61	83.18	81.30	82.20	82.82	85.85
Wastes, non-RES	0.07	0.24	0.87	1.21	1.29	1.23
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			3.49	5.10	4.80	n.a.
CHP Electricity Generation (TWh)			10.67	18.53	15.59	n.a.
CHP in Total Electricity Generation (%)			6.7 %	12.5 %	10.2 %	n.a.
CHP Heat Production (PJ)			132.73	187.20	165.07	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	7550	7907	8217	7959	7348	7377
Motor Gasoline	4559	4265	4142	3320	2662	2850
Gas/Diesel Oil	2100	2671	3154	3653	3746	3668
Final Consumption Biofuels			134	376	631	788
Biogasoline			127	202	180	165
Biodiesel			7	174	451	623
Main Energy Indicators						
Energy Intensity (toe/M€'10)	204.7	163.2	149.5	137.6	128.4	123.1
Energy per Capita (kgoe/cap)	5837.9	5518.1	5658.7	5436.8	5141.7	4994.3
Final Electricity per Capita (KWh/cap)	14128.9	14526.4	14503.6	14047.9	13082.6	12669.0
Primary Energy Intensity (toe/M€'10)	196.8	157.4	142.7	131.9	123.1	118.1
Import Dependency (%)	**38.9 %**	**40.7 %**	**36.8 %**	**36.6 %**	**31.6 %**	**32.1 %**
of Solid Fuels	95.4 %	98.3 %	97.2 %	102.2 %	82.4 %	94.7 %
of Hard Coal	101.6 %	107.7 %	104.3 %	115.2 %	89.4 %	103.9 %
of Petroleum Fuels	95.6 %	100.8 %	104.0 %	93.6 %	101.4 %	101.7 %
of Crude and NGL	99.3 %	100.6 %	100.4 %	99.0 %	101.7 %	99.4 %
of Natural Gas	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			40.6 %	47.2 %	52.0 %	52.6 %
RES-H&C – Heating and Cooling			51.9 %	60.9 %	67.1 %	68.1 %
RES-E – Electricity Generation			50.9 %	56.0 %	61.8 %	63.3 %
RES-T – Transport			3.8 %	7.2 %	17.0 %	19.2 %
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	60.76	56.66	55.79	55.16	47.14	45.67
GHGs Emissions*	75.49	70.82	68.92	67.13	58.21	56.68
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	6891.2	6393.6	6190.6	5905.7	4932.7	4735.2
Carbon Intensity (kg CO_2/toe)	1180.4	1158.7	1094.0	1086.2	959.3	948.1
CO_2 GDP Intensity (ton CO_2/M€'10)	241.7	189.1	163.5	149.5	123.2	116.7

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

5.28 United Kingdom

Mtoe, unless otherwise stated	1995	2000	2005	2010	2013	2014
Production	**256.46**	**268.55**	**204.43**	**148.03**	**110.29**	**107.56**
Solid Fuels	32.07	18.66	11.90	10.71	7.44	6.79
of which Hard Coal	32.07	18.66	11.90	10.71	7.44	6.79
Petroleum and Products	135.72	127.94	87.94	63.65	42.18	41.02
of which Crude and NGL	134.40	127.81	87.62	63.65	42.16	40.94
Gases	63.72	97.55	79.40	51.47	32.87	32.93
of which Natural Gas	63.72	97.55	79.40	51.47	32.87	32.93
Nuclear	22.95	21.94	21.05	16.03	18.21	16.44
Renewables	1.84	2.26	3.55	5.78	8.84	9.70
Wastes, Non-Renewable	0.16	0.19	0.59	0.39	0.74	0.67
Net Imports	**-36.83**	**-39.22**	**31.59**	**61.07**	**94.98**	**87.22**
Solid Fuels	10.48	14.45	27.22	16.05	30.56	26.17
of which Hard Coal	10.26	14.43	26.69	16.31	30.08	25.61
Petroleum and Products	-49.35	-45.58	-2.74	11.02	28.56	29.91
of which Crude and NGL	-43.68	-41.82	-0.19	9.74	21.56	19.46
Gases	0.64	-9.31	5.97	32.20	32.92	26.92
of which Natural Gas	0.64	-9.31	5.97	32.20	32.92	26.92
Renewables			0.42	1.57	1.69	2.45
Electricity	1.40	1.22	0.72	0.23	1.24	1.77
Gross Inland Consumption	**222.25**	**230.56**	**234.00**	**212.48**	**202.17**	**189.34**
Solid Fuels	47.18	36.52	37.74	30.72	37.22	29.94
of which Hard Coal	47.09	36.60	37.31	31.14	36.81	29.52
Petroleum and Products	83.61	81.03	84.46	72.71	68.61	68.63
of which Crude and NGL	91.60	87.15	87.23	73.59	63.80	60.20
Gases	65.12	87.40	85.47	85.05	65.68	59.78
of which Natural Gas	65.12	87.40	85.47	85.05	65.68	59.78
Nuclear	22.95	21.94	21.05	16.03	18.21	16.44
Renewables	1.84	2.26	3.97	7.35	10.48	12.11
Electricity	1.40	1.22	0.72	0.23	1.24	1.76
Wastes, Non-Renewable	0.16	0.19	0.59	0.39	0.74	0.67
Primary Energy Consumption	**209.76**	**219.23**	**222.79**	**204.70**	**195.12**	**182.39**
Available for Final Consumption	**157.11**	**163.83**	**165.36**	**152.25**	**144.81**	**137.54**
Final Non-Energy Consumption	**12.49**	**11.33**	**11.21**	**7.77**	**7.06**	**6.95**
Final Energy Consumption	**142.65**	**153.24**	**152.72**	**143.26**	**137.20**	**129.75**
by Fuel/Product						
Solid Fuels	8.22	5.95	4.53	4.11	4.75	4.70
Petroleum and Products	61.02	63.67	65.85	59.53	57.52	57.57
Gases	47.14	52.18	50.38	47.17	43.10	36.62
Biomass and Renewable Wastes	0.86	0.57	0.61	2.82	3.08	3.32
Solar	0.01	0.01	0.03	0.04	0.05	0.05
Geothermal	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	25.34	28.36	30.00	28.29	27.27	26.10
Derived heat	0.00	2.44	1.27	1.27	1.37	1.34
Wastes, Non-Renewable	0.06	0.05	0.05	0.04	0.05	0.05
by Sector						
Industry	34.87	36.93	33.38	26.91	25.71	25.45
Transport	47.67	52.90	55.49	51.49	50.65	51.13
Households	39.34	43.03	44.15	45.38	41.01	35.18
Services	16.32	16.86	16.74	17.47	17.59	15.89
Agriculture and Fishing	1.27	1.15	0.94	0.92	0.98	0.98
Other	3.18	2.37	2.01	1.09	1.26	1.12

Methodology, Sources and Notes: **See Appendix 13 – No 5**

	1995	2000	2005	2010	2013	2014
Installed Capacity (GW)	**70.13**	**78.39**	**82.38**	**93.75**	**95.11**	**97.01**
Combustible Fuels	52.94	61.22	64.66	73.00	66.68	64.24
Nuclear	12.76	12.49	11.85	10.87	9.91	9.94
Hydro	4.22	4.27	4.29	4.39	4.45	4.47
Wind	0.20	0.41	1.57	5.40	11.22	12.99
Solar PV		0.00	0.01	0.10	2.85	5.38
Geothermal						
Tide, Wave and Ocean		0.00		0.00	0.00	0.00
Other Sources						
Gross Electricity Generation (TWh)	**334.04**	**377.07**	**398.36**	**381.77**	**359.17**	**338.93**
Solid Fuels	153.84	119.95	134.64	107.69	130.87	100.85
Petroleum and Products	17.30	8.45	5.34	4.95	1.86	1.67
Gases	65.10	150.43	154.34	176.44	96.93	101.84
Nuclear	88.96	85.06	81.62	62.14	70.61	63.75
Renewables	8.42	12.66	19.87	28.97	56.18	67.54
Wastes, non-RES	0.41	0.52	2.56	1.59	2.72	3.28
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.44	6.10	6.22	n.a.
CHP Electricity Generation (TWh)			27.24	23.64	19.66	n.a.
CHP in Total Electricity Generation (%)			6.8%	6.2%	5.5%	n.a.
CHP Heat Production (PJ)			185.24	155.52	142.50	n.a.
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	46975	52154	55072	49963	49301	49634
Motor Gasoline	23543	23167	19975	15598	13450	13185
Gas/Diesel Oil	15322	17754	21497	22483	23849	24472
Final Consumption Biofuels			69	1151	973	1125
Biogasoline			43	321	405	405
Biodiesel			26	830	568	720
Main Energy Indicators						
Energy Intensity (toe/M€'10)	168.2	149.0	131.6	117.2	105.8	96.3
Energy per Capita (kgoe/cap)	3835.6	3922.1	3888.2	3399.0	3163.7	2942.3
Final Electricity per Capita (KWh/cap)	5086.4	5610.7	5797.0	5262.5	4962.5	4717.3
Primary Energy Intensity (toe/M€'10)	158.7	141.6	125.3	112.9	102.1	92.8
Import Dependency (%)	**-16.4%**	**-16.9%**	**13.4%**	**28.4%**	**46.4%**	**45.5%**
of Solid Fuels	22.2%	39.6%	72.1%	52.2%	82.1%	87.4%
of Hard Coal	21.8%	39.4%	71.5%	52.4%	81.7%	86.8%
of Petroleum Fuels	-57.4%	-54.9%	-3.2%	14.6%	40.2%	42.2%
of Crude and NGL	-47.7%	-48.0%	-0.2%	13.2%	33.8%	32.3%
of Natural Gas	1.0%	-10.7%	7.0%	37.9%	50.1%	45.0%
Renewables in Gross Final Energy (%)						
Overall RES with Aviation Cap			1.4%	3.7%	5.6%	7.0%
RES-H&C – Heating and Cooling			0.8%	2.8%	3.8%	4.5%
RES-E – Electricity Generation			4.1%	7.4%	13.8%	17.8%
RES-T – Transport			0.3%	3.1%	4.4%	4.9%
Gases Emissions (Mio ton CO_2)						
CO_2 Emissions*	578.53	588.46	595.66	536.26	505.37	464.62
GHGs Emissions*	768.99	744.02	727.27	642.06	598.93	556.65
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	9984.4	10010.4	9897.6	8578.7	7908.1	7220.1
Carbon Intensity (kg CO_2/toe)	2603.1	2552.3	2545.5	2523.9	2499.7	2453.9
CO_2 GDP Intensity (ton CO_2/M€'10)	437.8	380.2	335.0	295.7	264.4	236.4

* Total emissions without LULUCF, with ind. CO_2, including international aviation, excl. international maritime transport.

Methodology, Sources and Notes: See Appendix 13 – No 5

Appendices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Summary

Appendices Methodology

Appendix 1 – Country Nomenclature

Interinstitutional Style Guide (ISG) Country Code	ISG Short Name EN	ISG Short Name, Source Language*	ISG Protocol Order	ISO 3166 Alpha-2 Country Codes	ESTAT Partner Code	ESTAT – Energy Numeric Code
BE	Belgium	Belgique/België	1	BE	0012	09
BG	Bulgaria	Bulgaria*	2	BG	0068	82
CZ	Czech Republic	Česká republika	3	CZ	0061	22
DK	Denmark	Danmark	4	DK	0008	10
DE	Germany	Deutschland	5	DE	0004	04
EE	Estonia	Eesti	6	EE	0053	85
IE	Ireland	Éire/Ireland	7	IE	0007	12
EL	Greece	Elláda	8	GR	0009	11
ES	Spain	España	9	ES	0042	15
FR	France	France	10	FR	0001	06
HR	Croatia	Hrvatska	11	HR	0092	84
IT	Italy	Italia	12	IT	0005	07
CY	Cyprus	Kýpros	13	CY	0600	21
LV	Latvia	Latvija	14	LV	0055	24
LT	Lithuania	Lietuva	15	LT	0054	25
LU	Luxembourg	Luxembourg	16	LU	0022	13
HU	Hungary	Magyarország	17	HU	0064	23
MT	Malta	Malta	18	MT	0085	27
NL	Netherlands	Nederland	19	NL	0003	08
AT	Austria	Österreich	20	AT	0038	16
PL	Poland	Polska	21	PL	0060	87
PT	Portugal	Portugal	22	PT	0040	14
RO	Romania	România	23	RO	0066	83
SI	Slovenia	Slovenija	24	SI	0091	86
SK	Slovakia	Slovensko	25	SK	0063	26
FI	Finland	Suomi/Finland	26	FI	0032	18
SE	Sweden	Sverige	27	SE	0030	17
UK	United Kingdom	United Kingdom	28	GB	0006	05

* Latin transliterated.

EU Interinstitutional Style Guide (ISG): http://publications.europa.eu/code/

Eurostat Website: http://ec.europa.eu/eurostat/

ISO 3166 Country Codes Maintenance Agency: http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm

Appendix 2 – Main Indicators – EN

ESTAT Energy Database – EN	
Indicator	**Code**
B_100100	Primary production
B_100200	Recovered products
B_100300	Imports
B_100400	Stock changes
B_100500	Exports
B_100600	Net imports
B_101700	Final energy consumption
B_100800	Bunkers
B_100900	Gross inland consumption
B_101000	Transformation input
B_101100	Transformation output
B_101200	Exchanges, transfers, returns
B_101300	Consumption in energy sector
B_101400	Distribution losses
B_101500	Energy available for final consumption
B_101700	Final energy consumption
B_101800	Final energy consumption – industry
B_101805	Iron and steel
B_101810	Non-ferrous metals
B_101815	Chemical and petrochemical
B_101820	Non-metallic minerals
B_101825	Mining and quarrying
B_101830	Food and tobacco
B_101835	Textile and leather
B_101840	Paper, pulp and print
B_101851	Wood and wood products
B_101852	Construction
B_101900	Final energy consumption – transport
B_101910	Final energy consumption – rail transport
B_101920	Final energy consumption – road transport
B_101930	Final energy consumption – air transport
B_101940	Final energy consumption – inland navigation
B_102000	Final energy consumption – households, commerce, etc.
B_102010	Residential
B_102030	Final energy consumption – agriculture
B_102035	Final energy consumption – services
B_102020	Final energy consumption – fisheries
B_102040	Final energy consumption – other sectors
B_102200	Statistical difference

Source: Coded, Eurostat's Concepts and Definitions Database: http://ec.europa.eu/eurostat/ramon/

Appendix 3 – Main Indicators – DE

ESTAT Energy Database – DE	
Indicator	**Code**
B_100100	Primärerzeugung
B_100200	Wiedergewinnung
B_100300	Gesamteinfuhren
B_100400	Bestandsveränderungen
B_100500	Gesamtausfuhren
B_100600	Nettoeinfuhren
B_101700	Energetischer Endverbrauch
B_100800	Bunker
B_100900	Bruttoinlandsverbrauch
B_101000	Umwandlungseinsatz
B_101100	Umwandlungsausstoß
B_101200	Austausch, Übertragung, Rückläufe
B_101300	Verbrauch des Produktionsbereichs Energie
B_101400	Netzverluste
B_101500	Für den Endverbrauch zur Verfügung stehende Energie
B_101700	Energetischer Endverbrauch
B_101800	Energetischer Endverbrauch der Industrie
B_101805	Energetischer Endverbrauch der Stahlindustrie
B_101810	Energetischer Endverbrauch der NE-Metallindustrie
B_101815	Energetischer Endverbrauch der chemischen Industrie
B_101820	Energetischer Endverbrauch der Nichtmetallische Mineralstoffe verarbeitenden Industrie
B_101825	Energetischer Endverbrauch der Erzgewinnungsindustrie (mit Ausnahme der Brenn- und Kraftstoffgewinnung)
B_101830	Energetischer Endverbrauch der Nahrungs- und Genussmittelindustrie
B_101835	Energetischer Endverbrauch der Textil-, Lederwaren- und Bekleidungsindustrie
B_101840	Energetischer Endverbrauch der Papier- und Druckindustrie
B_101851	Energetischer Endverbrauch der Holz
B_101852	Energetischer Endverbrauch – Baugewerbe
B_101900	Energetischer Endverbrauch im Verkehrssektor
B_101910	Energetischer Endverbrauch des Bahnverkehrs
B_101920	Energetischer Endverbrauch des Strassenverkehrs
B_101930	Energetischer Endverbrauch des Luftverkehrs
B_101940	Energetischer Endverbrauch der Binnenschifffahrt
B_102000	Energetischer Endverbrauch der Privathaushalte, des Handels usw..
B_102010	Energetischer Endverbrauch der Privathaushalte
B_102030	Energetischer Endverbrauch der Landwirtschaft
B_102035	Energetischer Endverbrauch des Dienstleistungssektors
B_102020	Energetischer Endverbrauch des Fischereisektors
B_102040	Energetischer Endverbrauch anderer Sektoren
B_102200	Statistische Differenz

Source: Coded, Eurostat Datenbank für Konzepte und Begriffe: http://ec.europa.eu/eurostat/ramon/

Appendix 4 – Main Indicators – FR

ESTAT Energy Database – FR	
Indicator	**Code**
B_100100	Production primaire
B_100200	Récupération
B_100300	Importations totales
B_100400	Variations de stocks
B_100500	Exportations totales
B_100600	Importations nettes
B_101700	Consommation finale énergétique
B_100800	Soutes maritimes
B_100900	Consommation intérieure brute
B_101000	Entrées en transformation
B_101100	Sorties de transformation
B_101200	Échanges, transferts, restitutions
B_101300	Consommation de la branche énergie
B_101400	Pertes sur les réseaux
B_101500	Disponible pour la consommation finale
B_101700	Consommation finale énergétique
B_101800	Consommation finale énergétique – industrie
B_101805	Consommation finale énergétique – sidérurgie
B_101810	Consommation finale énergétique – métaux non ferreux
B_101815	Consommation finale énergétique – chimie et pétrochimie
B_101820	Consommation finale énergétique – minéraux non métalliques
B_101825	Consommation finale énergétique – extraction
B_101830	Consommation finale énergétique – aliments, boissons
B_101835	Consommation finale énergétique – textile, cuir, habillement
B_101840	Consommation finale énergétique – papier, carton, imprimerie
B_101851	Consommation finale énergétique – bois
B_101852	Consommation finale énergétique – construction
B_101900	Consommation finale énergétique – transports
B_101910	Consommation finale énergétique – transports ferroviaires
B_101920	Consommation finale énergétique – transports routiers
B_101930	Consommation finale énergétique – transports aériens
B_101940	Consommation finale énergétique – navigation intérieure
B_102000	Consommation finale énergétique – foyers, etc.
B_102010	Consommation finale énergétique – ménages
B_102030	Consommation finale énergétique – agriculture
B_102035	Consommation finale énergétique – services
B_102020	Consommation finale énergétique – pêche
B_102040	Consommation finale énergétique – autres
B_102200	Écart statistique

Source: Coded, Base de Données de Concepts et Définitions d'Eurostat: http://ec.europa.eu/eurostat/ramon/

Appendix 5 – Main Products – EN

ESTAT Energy Database – EN	
Indicator	**Code**
0000	All products
2000	Solid fuels
2100	Hard coal and derivatives
2111	Hard coal
2112	Patent fuels
2120	Coke
2200	Lignite and derivatives
3000	Total petroleum and products
3100	Crude oil and feedstocks
3105	Crude oil
3110	Crude oil and NGL
3190	Feedstocks
3200	All petroleum product
3220	LPG
3230	Motor spirit
3234	Motor gasoline, unleaded motor spirit
3240	Kerosenes – jet fuels
3250	Naphtha
3260	Gas/diesel oil
3270A	Residual fuel oil
4000	Gas
4100	Natural gas
4200	Derived gas
5100	Nuclear power
5200	Derived heat
5500	Renewable energies
5510	Hydro power
5520	Wind energy
5530	Solar energy
5535	Tide/wave/ocean energy
5540	Biomass and wastes
5541	Wood and wood waste
5542	Biogas
55431	Municipal solid wastes – RES
5545	Biofuels
5546	Biogasoline
5547	Biodiesel
5550	Geothermal energy
6000	Electrical energy
7100	Industrial waste

Source: Coded, Eurostat's Concepts and Definitions Database: http://ec.europa.eu/eurostat/ramon/

Appendix 6 – Main Products – DE

ESTAT Energy Database – DE	
Indicator	**Code**
0000	Alle produkte
2000	Feste Brennstoffe
2100	Steinkohle und Nebenprodukte
2111	Steinkohle
2112	Steinkohlebriketts
2120	Koks
2200	Braunkohle und Nebenprodukte
3000	Rohöl und Mineralölerzeugnisse
3100	Rohöl und Feedstocks
3105	Rohöl
3110	Rohöl und Erdgaskondensate
3190	Feedstocks
3200	Alle Mineralölerzeugnisse
3220	Flüssiggas
3230	Motorenbenzin
3234	Unverbleites Benzin
3240	Petroleum und Flugturbinenkraftstoffe
3250	Rohbenzin
3260	Dieselkraftstoffe und Destillatheizöle
3270A	Rückstandsheizöle
4000	Gas
4100	Naturgas
4200	Abgeleitete Gase
4100	Kernenergie
5200	Abgeleitete Wärme
5500	Erneuerbare Energien
5510	Wasserkraftenergie
5520	Windenergie
5530	Sonnenenergie
5535	Gezeiten-/Wellen-/Meeresenergie
5540	Biomasse und Abfälle
5541	Holz und Holzabfälle
5542	Biogas
55431	Hausmüll Erneuerbare
5545	Biotreibstoff
5546	Biobenzin
5547	Biodiesel
5550	Geothermische Energie
6000	Elektrizität
7100	Industrieabfälle

Source: Coded, Eurostat Datenbank für Konzepte und Begriffe: http://ec.europa.eu/eurostat/ramon/

Appendix 7 – Main Products – FR

ESTAT Energy Database – FR	
Indicator	**Code**
0000	Tous produits
2000	Combustibles solides
2100	Houille et dérivés solides
2111	Houille
2112	Agglomérés de houille
2120	Coke
2200	Lignite et dérivés
3000	Pétrole brut et produits pétroliers
3100	Pétrole brut et feedstocks
3105	Pétrole brut
3110	Pétrole brut et liquides de gaz naturel
3190	Feedstocks
3200	Tous produits pétroliers
3220	GPL
3230	Essences moteurs
3234	Essences sans plomb
3240	Pétrole lampant et carburéacteurs
3250	Naphta
3260	Gasoil et fuel oil fluide
3270A	Fuel oil résiduel
4000	Gaz
4100	Gaz naturel
4200	Gaz dérivés
5100	Énergie nucléaire
5200	Chaleur dérivée
5500	Énergies renouvelables
5510	Hydro-électricité
5520	Énergie éolienne
5530	Énergie solaire
5535	Énergie hydrocinétique/houlomotrice/marémotrice
5540	Biomasse/déchets
5541	Bois – déchets de bois
5542	Biogaz
55431	Déchets urbains solides renouvelables
5545	Biocarburants
5546	Bioessence
5547	Biodiesel
5550	Énergie géothermique
6000	Énergie électrique
7100	Déchets industriels

Source: Coded, Base de Données de Concepts et Définitions d'Eurostat: http://ec.europa.eu/eurostat/ramon/

Appendix 8 – Symbols and Abbreviations

%	per cent
€	euro
0	zero or figure less than half of the unit represented
bbl	barrel
bcm	billion cubic meters
Blank	data not available
CHP	combined heat & power
CO_2	carbon dioxide
DG	Directorate-General of the European Commission
EEA	European Environment Agency
equiv.	equivalent
ESTAT	Eurostat, Statistical Office of the European Union
GCV	gross calorific value
GDP	gross domestic product
GHG	greenhouse gas
GJ	gigajoule
IEA	International Energy Agency
k	thousand
kgoe	kilogram of oil equivalent
ktoe	kiloton of oil equivalent
kton	kiloton
kWh	kilowatt hour
LPG	liquefied petroleum gas
M€ '2010	millions of euro, chain-linked volumes, reference year 2010, at 2010 exchange rates
m^3	cubic meter
Mio	million
MS	European Union Member State
MSW	municipal solid waste
Mtoe	million ton of oil equivalent
MW	megawatt
MWh	megawatt hour
NCV	net calorific value
NGL	natural gas liquid
p/cap	per capita
PJ	petajoule
PV	photovoltaic
RES	renewable energy
RES-E	renewable energy – electricity generation
RES-H&C	renewable energy – heating and cooling
RES-T	renewable energy – transport
SI Units	International System of Units
TJ	terajoule
toe	ton of oil equivalent
ton	metric ton, metric tonne, mt
TPES	Total Primary Energy Supply
TWh	terawatt hour
UNFCCC	United Nations Framework Convention on Climate Change
VAT	value added tax

Appendix 9 – SI Units – Prefixes

Standard Prefixes for the SI Units of Measure			
Multiple		Sub-Multiple	
10^{1}	deca (da)	10^{-1}	deci (d)
10^{2}	hecto (h)	10^{-2}	centi (c)
10^{3}	kilo (k)	10^{-3}	milli (m)
10^{6}	mega (M)	10^{-6}	micro (μ)
10^{9}	giga (G)	10^{-9}	nano (n)
10^{12}	tera (T)	10^{-12}	pico (p)
10^{15}	peta (P)	10^{-15}	femto (f)
10^{18}	exa (E)	10^{-18}	atto (a)
10^{21}	zetta (Z)	10^{-21}	zepto (z)
10^{24}	yotta (Y)	10^{-24}	yocto (y)

Appendix 10 – Conversion Factors

ENERGY

FROM: \ TO:	TJ	Gcal	Mtoe	GWh
	Multiply by			
Terajoule (TJ)	1	238.8	2.388×10^{-5}	0.2778
Gigacalorie (Gcal)	4.1868×10^{-3}	1	1×10^{-7}	1.163×10^{-3}
Million ton of oil equivalent (Mtoe)	4.1868×10^{4}	1×10^{7}	1	11630
Gigawatt-hour GWh	3.6	860	8.6×10^{-5}	1

VOLUME

FROM: \ TO:	l	bbl	gal US	gal UK
	Multiply by			
Litre (l)	1	0.6290×10^{-2}	0.2642	0.2200
Barrel (bbl)	158.99	1	42	34.9723
US gallon (gal US)	3.7854	0.2381×10^{-1}	1	0.8327
UK gallon (gal UK)	4.5461	0.2859×10^{-1}	1.2009	1

MASS

FROM: \ TO:	t	lt	st
	Multiply by		
Ton, Tonne (t)	1	0.9842	1.1023
Long ton (lt) UK	1.0160	1	1.1200
Short ton (st) US	0.9072	0.8929	1

Appendix 11 – Average Calorific Values

		Energy Content	
		kJ (NCV)	kgoe (NCV)
Hard Coal	1 kg	17200 – 30700	0.411 – 0.733
Recovered Hard Coal	1 kg	13800 – 28300	0.330 – 0.676
Patent Fuels	1 kg	26800 – 31400	0.640 – 0.750
Hard Coke	1 kg	28500	0.681
Brown Coal	1 kg	5600 – 10500	0.134 – 0.251
Black Lignite	1 kg	10500 – 21000	0.251 – 0.502
Peat	1 kg	7800 – 13800	0.186 – 0.330
Brown Coal Briquettes	1 kg	20000	0.478
Tar	1 kg	37700	0.900
Benzol	1 kg	39500	0.943
Oil Equivalent	1 kg	41868	1
Crude Oil	1 kg	41600 – 42800	0.994 – 1.022
Feedstocks	1 kg	42500	1.015
Refinery Gas	1 kg	50000	1.194
LPG	1 kg	46000	1.099
Motor Spirit	1 kg	44000	1.051
Kerosenes, Jet Fuel	1 kg	43000	1.027
Naphtha	1 kg	44000	1.051
Gas Diesel Oil	1 kg	42300	1.010
Residual Fuel Oil	1 kg	40000	0.955
White Spirit	1 kg	44000	1.051
Lubricants	1 kg	42300	1.010
Bitumen	1 kg	37700	0.900
Petroleum Cokes	1 kg	31400	0.750
Other Petro. Products	1 kg	30000	0.717
Electrical Energy	1 kWh	3600	0.086

Appendix Glossary

Appendix 12 – Glossary

In parenthesis EUROSTAT Energy database/EUROBASE, (Energy section) codes for products (p:) and indicators (B_), as of June 2016.

ALL FUELS

The code 'all fuels', (p: 0000), covers all energy products. These consist of hard coal and derivatives, lignite and derivatives, peat and derivatives, oil shale and oil sands, petroleum (crude oil) and petroleum products (such as LPG, refinery gas, motor spirit, kerosene, gas/diesel oil, residual fuel oil), natural gas, manufactured gases, derived heat, renewable energies (such as hydro power, wind energy, biomass, wastes, geothermal energy), electrical energy and nuclear power.

ANNUAL INSTALLED CAPACITY

Annual installed or new installed capacity of a given source refers to the capacity entering in operation, during a year period.

AUTOPRODUCER THERMAL POWER STATIONS

Autoproducer thermal power stations are defined as undertakings which generate electricity wholly or partly for their own use as an activity which supports their primary activity.

AVAILABLE FOR FINAL CONSUMPTION (ENERGY)

Energy available for final consumption covers the energy placed at the disposal of final users. This code is calculated as follows: gross inland consumption (B_100900) + transformation output (B_101100) - transformation input (B_101000) + exchanges, transfers, returns (B_101200) - consumption of the energy sector (B_101300) - distribution losses (B_101400).

BIOFUELS

Liquid or gaseous fuels used primarily for transport, produced from biomass, and wastes (p:5545). Liquid biofuels cover bioethanol (ethanol produced from biomass), biodiesel (diesel produced from biomass or used fried oil), bio methanol, bio-dimethylether and bio-oil (a pyrolysis oil fuel produced from biomass).
The code biofuels (p:5545), groups biogasoline (p:5546), biodiesel (p:5547), bio jet kerosene (p:5549) and other liquid biofuels (p:5548).

BIOMASS AND RES WASTES

Biomass and RES wastes (p: 5540), covers organic, non-fossil material of biological origin, which may be used for heat production or electricity generation. They comprise wood and wood waste (p: 5541), biogas (p: 5542), municipal RES solid waste (p:55431), charcoal (p:5544) and biofuels (p: 5545). The non-renewable part of municipal waste (p: 55432) and the industrial waste (p:7100) are included in Wastes non-RES (p:7200).

CAPACITY FACTOR – ANNUAL AVERAGE

It is a measure of efficiency, which is defined as the ratio of actual energy output of a source against its annual maximum potential output, or in other words, to the energy it would produce if operated at full rated power for 24 hours per day during a year. It is equal to the total annual energy production, divided by the cumulative capacity converted to average statistical year base.

CARBON ENERGY INTENSITY

This is the average emission rate of CO_2 relative to the intensity of the energy activity. It is calculated, in the tables, in kg CO_2 emissions per ton of oil equivalent of energy used.

CARBON GDP INTENSITY

This represents the average emission rate of CO_2 emissions of an economy relative to its GDP.

CHP – COMBINED HEAT AND POWER

A combined heat and power unit is an installation in which energy released from fuel combustion is partly used for generating electrical energy and partly for supplying heat for various purposes.
The definition of Combined Heat and Power (CHP) or 'cogeneration' implies that heat and electricity are produced simultaneously in one process.

CO_2 ENERGY INTENSITY

Vide Carbon Energy Intensity.

CONVENTIONAL THERMAL POWER

It is a technology for the production of electricity by fuel combustion. It will include biomass use, which is also considered a renewable source of electricity. Thermal power stations cover conventional public utility power stations for the production of electricity and heat, as well as in auto-producer power stations for the generation of electricity and heat sold to third parties only.

CUMULATIVE INSTALLED CAPACITY

This represents the running sum for consecutive periods of a given installed source. It indicates the total capacity availability in each of those periods.

ELECTRICITY MIX

The electricity mix is the proportion of different sources in electricity production. While energy mix is measured at gross inland consumption level, electricity mix is measured at energy transformation level.

ENERGY AVAILABLE FOR FINAL CONSUMPTION

Energy available for final consumption, (B_101500), covers the energy placed at the disposal of final users. This code is calculated as follows: gross inland consumption + transformation output - transformation input + exchanges, transfers, returns - consumption of the energy sector - distribution losses. It includes final non energy consumption, (B_101600).

ENERGY IMPORT DEPENDENCY

Energy dependency shows the extent to which a country relies upon imports in order to meet its energy needs. It is calculated using the following formula: net imports (B_100300–B_100500)/(gross inland consumption (B_100900) + bunkers (B_100800)).

ENERGY INTENSITY

Energy intensity gives an indication of the effectiveness with which energy is being used to produce added value. It is defined as the ratio of gross inland consumption of energy (B_100900), to gross domestic product.

ENERGY MIX

The energy mix is the proportion of different sources in energy production, supply side, at gross inland consumption level.

ENERGY SECTOR BROAD DEFINITION

It includes the electricity, gas, steam, and air conditioning supply sector as well as the energy commodities production activities, mining and extraction, support activities and manufacture of energy products.

ENERGY SECTOR NARROW DEFINITION

It includes the electricity, gas, steam, and air conditioning supply sector.

EUROBASE

The Eurostat, web based, dissemination database contains the full range of publically available data from Eurostat.

FINAL ENERGY CONSUMPTION (FEC)

Final energy consumption covers energy supplied to the final consumer's door for all energy uses, (B_101700). It excludes deliveries to the energy transformation sector (B_101000...) and to the energy industries themselves (B_101300...). It is the sum of final energy consumption by industry (B_101800), transport (B_101900), household (B_102010), services (B_102035), agriculture/forestry (B_102030), fishing (B_102020) and other unspecified (B_102040).

FINAL ENERGY CONSUMPTION – TRANSPORT

Final energy consumption – transport, (B_101900), covers the consumption in all types of transportation, i.e., rail, road, air transport and inland navigation.

FINAL NON-ENERGY CONSUMPTION (FNEC)

Final non-energy consumption covers the use of energy products for non-energy purposes (B_101600). It is the sum of final non-energy consumption in the chemical industry, (B_101601) and in non-chemical industries (B_101602).

GASES, GASEOUS FUELS

Gases covers fossil natural gas and derived gases, coke oven gas (p:4210), blast furnace gas (p:4220), gas work gas (p:4230), and oxygen steel furnace gas (p:4240). Gases (p:4000) is the sum of natural gas (p:4100) and derived gases (p:4200).

GDP – GROSS DOMESTIC PRODUCT

The gross domestic product is the value of the output of all goods and services produced within the borders of a country.
The income measure of gross domestic product (GDP) is derived as compensation of employees plus gross operating surplus plus gross mixed incomes plus taxes less subsidies on both production and imports.

GDP AT CONSTANT MARKET PRICES

GDP values, used, were referenced to year 2010, in millions of euro, chain-linked volumes, at 2010 exchange rates.

GHG – GREEN HOUSES GASES

GHG includes gases that contribute to the natural greenhouse effect. The Kyoto Protocol covers a basket of six greenhouse gases (GHGs) produced by human activities: Carbon dioxide, methane, nitrous oxide, hydro fluorocarbons, perfluorocarbons and sulphur hexafluoride.

GROSS CALORIFIC VALUE (GCV)

The gross calorific value is the total amount of heat released by a unit quantity of fuel, when it is burned completely with oxygen, and when the products of combustion are returned to ambient temperature. This quantity includes the heat of condensation of any water vapour contained in the fuel and of the water vapour formed by the combustion of any hydrogen contained in the fuel.

GROSS ELECTRICITY GENERATION

The gross electricity generation is measured at the outlet of the main transformers, i.e. the consumption of electricity in the plant auxiliaries and in transformers is included.

GROSS ELECTRICITY GENERATION PENETRATION LEVEL

Electricity penetration level refers to the fraction of gross electricity production of a source, compared with the total gross electricity generation, all sources.

GROSS FINAL CONSUMPTION OF ENERGY

Gross final consumption of energy means the energy commodities delivered for energy purposes, including the consumption of electricity and heat, by the energy branch for electricity and heat production including losses of electricity and heat in distribution. It excludes the final non energy use (FNEC).
The gross (overall) final consumption of energy from renewable sources is calculated as the sum of: (a) gross final consumption of electricity from renewable energy sources; (b) gross final consumption of energy from renewable sources for heating and cooling; and (c) final consumption of energy from renewable sources in transport.

GROSS HEAT PRODUCED

It is the total heat produced, including losses in the installations/network heat exchanges, as well as heat from chemical processes used as primary energy form. For auto-producers, the heat used by the undertaking for its own processes is not included here. Only heat sold to third parties should be reported.

GROSS INLAND CONSUMPTION (GIC)

Gross inland consumption represents the quantity of energy necessary to satisfy inland consumption of the geographical entity under consideration, (B_100900). It is calculated using the following formula: indigenous production (B_100100) + primary product receipts (B_100110)+ recovered products from other sources (B_100200)+ recycled products (B_100210) + imports (B_100300) + stock changes (B_100400) - exports (B_100500) - international marine bunkers (B_100800).

GROSS INSTALLED (ELECTRICITY) CAPACITY

This covers the gross installed electrical capacity of thermal, nuclear, hydro, geothermal, wind and any other types of power plants.

ISIC

The International Standard Industrial Classification of All Economic Activities is a United Nations system for classifying economic activity data, in the fields of production, employment, gross domestic product and other statistical areas.

ISG

The Inter-institutional style guide is intended to serve as a reference tool for written works for all European Union institutions, bodies and organisations, representing an achievement in linguistic harmonisation.

INHABITANTS

This represents the group of persons fulfilling the requirements for legal permanent residency in a region/country.

LFS

The EU Labour Force Survey (LFS) is a large sample survey among private households which provides detailed annual and quarterly data on: employment, unemployment and inactivity.
The LFS is an important source of information about the situation and trends in the EU labour market, with a sample size is about 1.5 million people every quarter.
The data can be broken down along many dimensions including age, sex, educational attainment, and distinctions between permanent/temporary and full-time/part-time employment. In terms of employment figures are more representative of the total sector, but unfortunately not so disaggregated as the SBS survey.

LONG SCALE – SHORT SCALE

The long and short scales are two of several different large-number naming systems used for integer powers of ten.
Many countries, including most in continental Europe, use the long scale whereas most English-speaking countries and Arabic-speaking countries use the short scale.
In the long scale every new term greater than a million is a million times the previous term. Thus, billion means a million millions, trillion means a million billions, and so on.
In the short scale every new term greater than million is 1 000 times the previous term. Thus, billion means a thousand millions, trillion means a thousand billions.

Name	Long Scale Value in Scientific notation	Short Scale Value in Scientific notation
million	10^{6}	10^{6}
billion	10^{12}	10^{9}
trillion	10^{18}	10^{12}
	to the next:	to the next:
	multiply by 1 000 000	multiply by 1 000

Milliard, is used in several languages that use the long scale to represent a corresponding value to billions in short scale, i.e. 10^{9}.

NACE

NACE is the acronym used to designate the various statistical classifications of economic activities developed since 1970 in the European Union.
It provides the framework for collecting and presenting a large range of statistical data according to economic activity in the fields of economic statistics (e.g. production, employment, national accounts) and in other statistical domains.

NET CALORIFIC VALUE (NCV)

The net calorific value is the amount of heat released by a unit quantity of fuel, when it is burned completely with oxygen, and when the products of combustion are returned to ambient temperature. This quantity does not include the heat of condensation of any water vapour contained in the fuel nor of the water vapour formed by the combustion of any hydrogen contained in the fuel.

NET IMPORTS

Net import is calculated as the difference between imports (B_100300) and exports (B_100500).

NET ELECTRICITY GENERATION

It is the amount of gross generation a generator produces less the electricity used to operate the plant.

PETROLEUM AND PRODUCTS

Petroleum and (petroleum) sub-products include crude oil (p: 3105), natural gas liquids (p:3106), feedstocks (p:3190) and all petroleum sub-products such as LPG (p:3220), refinery gas (p:3210), motor gasoline (p:3234) aviation gasoline (p:3235), kerosene and jet fuels (p:3240), naphtha (p:3250), gas/diesel oil (p:3260), residual fuel oil (p:3270A), white spirit, lubricants, bitumen, petroleum coke (p:3280) and other petroleum products (p:3295). Petroleum and petroleum products (p:3000) is the sum of Crude oil, NGL, feedstocks, and other hydrocarbon (p:3100) and all petroleum sub-products (p:3200).

PRIMARY ENERGY CONSUMPTION

Primary energy corresponds to the gross inland consumption minus the energy included in the final non-energy consumption.

PRIMARY ENERGY INTENSITY

Primary energy intensity gives an indication of the effectiveness with which primary energy consumption produces added value. It is defined as the ratio of primary energy consumption to gross domestic product.

PRIMARY ENERGY PRODUCTION – INDIGENOUS PRODUCTION

Any kind of extraction of energy products from natural sources to a usable form is called primary production. Primary production takes place when the natural sources are exploited, for example in coal mines, crude oil fields, hydro power plants or fabrication of biofuels. Transformation of energy from one form to another, such as electricity or heat generation in thermal power plants, or coke production in coke ovens, is not included in primary production (B_100100).

The precise definition depends on the fuel involved:

> SOLID FOSSIL FUELS: HARD COAL, LIGNITE, PEAT...

Quantities of fuels extracted or produced, calculated after any operation for removal of inert matter. In general, production includes the quantities consumed by the producer during the production as well as any quantities supplied to other on-site producers of energy for transformation or other uses.

> LIQUID FOSSIL FUELS: PETROLEUM AND PETROLEUM SUB PRODUCTS

Quantities of fuels extracted or produced within national boundaries, including off-shore production. Production includes only marketable production, and excludes any quantities returned to formation. Production includes all crude oil, natural gas liquids (NGL), condensates and oil from shale and tar sands, etc.

> GAS FOSSIL FUELS: NATURAL GAS AND DERIVED GAS

Quantities of dry gas, measured after purification and extraction of natural gas liquids and sulphur. The production includes only marketable production, and excludes any quantities re-injected, vented and flared, and any extraction losses. The production includes all quantities used within the natural gas industry, in gas extraction, pipeline systems and processing plants.

> NUCLEAR HEAT

Quantities of heat produced in a reactor. Production is the actual heat produced or the heat calculated on the basis of the gross electricity generated and the thermal efficiency of the nuclear plant.

> RENEWABLE ENERGY

- Hydropower, Wind energy, Solar thermal, Solar photovoltaic energy...
  Quantities of electricity generated. Production is calculated on the basis of the gross electricity generated and a conversion factor of 3600 kJ/kWh.
- Geothermal energy
  Quantities of heat extracted from geothermal fluids. Production is calculated on the basis of the difference between the enthalpy of the fluid produced in the production borehole and that of the fluid disposed of via the re-injection borehole.
- Biomass/Wastes
  In the case of municipal solid wastes (MSW), wood, wood wastes and other solid wastes, production is the heat produced after combustion and corresponds to the heat content (NCV) of the fuel. In the case of anaerobic digestion of wet wastes, production is the heat content (NCV) of the biogases produced. The production includes all quantities of gas consumed in the installation for the fermentation processes, and excludes all quantities of flared gases. In the case of biofuels, the production is the heat content (NCV) of the fuel .In the case of biofuels, the production is the heat content (NCV) of the fuel.

PUMPING, PUMPED STORAGE

Method for storing electrical energy at hydroelectric installations by pumping water between reservoirs at different altitudes.

RENEWABLE ENERGY SOURCES (RES)

Vide Primary Energy Production.

PUBLIC SUPPLY THERMAL POWER STATIONS

Are defined as undertakings which generate electricity (and heat) for sale to third parties as their primary activity. They may be privately or publicly owned.

SOLAR ENERGY

Solar radiation exploited for hot water production - solar thermal (p:5532) and electricity generation – solar photovoltaic (p:5534). This energy production (p:5530), is the heat available to the heat transfer medium, i.e. the incident solar energy less the optical and collectors' losses.

SOLID FUELS

Solid fuels cover solid fossil fuels such as hard coal (p: 2111), coal patent fuels (p: 2112), coke (p: 2120), coal tar (p: 2130), lignite (p: 2210), brown-coal briquettes and peat briquettes (p: 2230) and peat (p: 2310). Solid fuels (p: 2000) is the sum of the codes hard coal and derivatives (p: 2100) and lignite and derivatives (p: 2200).

SBS

Structural business statistics cover industry, construction, trade and services. Presented according to the NACE activity classification, they describe the structure, conduct and performance of businesses across the European Union.

TONNE OF OIL EQUIVALENT (toe)

The tonne of oil equivalent is a conventional standardised unit for measuring energy, defined on the basis of a tonne of oil with a net calorific value of 41 868 kilojoules/kg.

TPES

Total primary energy supply, an IEA definition, represents the quantity of energy necessary to satisfy inland consumption of the geographical entity under consideration. It corresponds to EUROSTAT gross inland consumption. It is equal to the indigenous production + imports - exports - international marine bunkers +/- stock changes.

TRANSFORMATION INPUT

Covers all inputs into the transformation plants destined to be converted into derived products, (B_101000). Transformation is only recorded when the energy products are physically or chemically modified to produce other energy products, electricity and/or heat. It is the sum of the Input to conventional thermal power stations (B_101001), Input to nuclear power stations (B_101002), Input to patent fuel and briquetting plants (B_101003), Input to coke-oven plants (B_101004), Input to blast furnace plants (B_101006), Input to gas-works (B_101007), Input to refineries (B_101008), Input to district heating plants and (B_ 101009).

TRANSFORMATION OUTPUT

It is the result of the transformation process of energy, (B_101100). This output covers derived products, namely: patent fuel, coke, brown-coal and peat briquettes, pitch, tar, benzol, refined petroleum products, derived gases, electricity from conventional thermal and nuclear power stations and derived heat. Transformation output refers always to gross production of derived products, i.e. the own consumption of the transformation plants is included. It is the sum of the Output from conventional thermal power stations (B_101101), Output from nuclear power stations (B_101102), Output from patent fuel and briquetting plants (B_101103), Output from coke-oven plants (B_101104), Output from blast furnace plants (B_101106), Output from gas-works (B_101107), Output from refineries (B_101108) and Output from district heating plants (B_101109).

TRANSFORMATION LOSSES

The difference between transformation input and transformation output constitutes transformation losses.

TURNOVER

Or Gross Premium Written comprises the totals invoiced by the observation unit during the reference period, and this corresponds to market sales of goods or services supplied to third parties.

UNEMPLOYMENT RATE

The unemployment rate represents unemployed persons as a percentage of the active population.

Appendix Notes

Appendix 13 – Notes

APPENDIX 13.1

1.1.1, 1.1.2 PAGES 10, 11

Energy production corresponds to the indigenous energy production (IEA methodology). It does not include production from other sources.
Asia aggregation does not include China data.

1.1.2, 1.1.4, 1.1.6, 1.1.8, PAGES 11, 13, 15 AND 17

Solid fuels, includes hard coal, lignite and peat, as well as derived fuels.
Petroleum and (petroleum) sub-products comprises crude oil, NGL, feedstock, additives as well as other hydrocarbons.
RES (renewables) is equal to the sum of hydro, geothermal, solar PV, solar thermal, tide, wind, municipal waste, primary solid biofuels, biogases, bio gasoline, biodiesel, other liquid biofuels, non-specified biofuels and charcoal energy. Industrial waste not included.

1.1.3, 1.1.4, PAGES 12, 13

Gross inland consumption, EUROSTAT methodology (see glossary), corresponds to the Total primary energy supply (see glossary TPES), of the IEA methodology.
Asia aggregation does not include China data.

1.1.5, 1.1.6, PAGES 14, 15

Final energy consumption covers energy supplied to the final consumer's door for all energy uses.
Asia aggregation does not include China data.

1.1.8, PAGE 17

It is the total heat produced, including losses in the installations/network heat exchanges. However only autoproducers heat sold to third parties is here included. Autoproducers heat, used by the undertaking for their own processes, is excluded.

1.1.10, PAGE 19

CO_2 Intensity refers to CO_2 emissions activity intensity, measured by its energy gross inland consumption.

1.2.5, PAGE 25

Natural gas, crude oil and solid fuels (p:4100, p:3105 and p:2000).

1.3.1, PAGE 27

Overall RES share, measured against the total gross final energy consumption.

APPENDIX 13.2

2.1.1, PAGES 35-37

Production comprises primary production and products recovered from other sources, (B_100100 + B_100110+ B_100200+ B_100210).

2.1.2, PAGES 38-40

Net imports correspond to the total imports minus the total exports, (B_100300 – B_100500).

2.1.3, PAGES 41-44

Gross inland consumption represents the quantity of energy necessary to satisfy inland consumption of the geographical entity under consideration, (B_100900).

2.2.1, PAGES 45-49

Solid fuels, (p:2000), cover solid fossil fuels such as hard coal, coal patent fuels, coke, coal tar, lignite, brown-coal briquettes, peat briquettes, peat and oil sands. Hard coal, (p:2111), comprises, only, coking coal and steam coal.

2.2.2, PAGES 50-54

Total Petroleum and sub-petroleum products, (p:3000), include crude oil (p: 3105), natural gas liquids (p:3106), feedstock (p:3190) and all petroleum sub-products. Crude oil and NGL (p:3110) is a subgroup containing only crude oil (p: 3105) and natural gas liquids (p:3106) codes.

2.2.3, PAGES 55-58

Gases, (p:4000), include natural gas (p:4100) and derived gases (p:4200).

2.2.5, PAGES 63-65

For products see former points 2.2.1 to 2.2.3.

2.3, PAGES 66-72

See, glossary energy import dependency, appendix 12.
Please note that hard coal dependency is a part of the solid fuels dependency, natural gas, of the gases dependency, and crude and NGL of the total petroleum and petroleum sub-products dependency. The total import dependency – covers all fuels, and it is not a simple average of the upper mentioned products.

2.5.1, PAGE 79

Energy available for final consumption covers the energy placed at the disposal of final users. It includes final non energy consumption.

2.5.2, PAGES 80-83

Final energy consumption covers energy supplied to the final consumer's door for all energy uses. It does not include final non-energy consumption.

2.5.3, PAGE 84

Final non-energy consumption covers the use of energy products in non-energy purposes.

2.5.4, PAGE 85

Primary energy intensity corresponds to the gross inland consumption minus the energy included in the final non-energy consumption, (B_100900-B_101600).

2.6.1, PAGES 86-88

Installed capacity represents the maximum active power that can be supplied, continuously, with all systems running.
Please note that combustible fuels include not only fossil fuels, as well as biomass and wastes, that are later included, also, in the renewables installed capacity.

2.6.2, PAGES 89-93

The gross electricity generation is measured at the outlet of the main transformers, i.e. the consumption of electricity in the plant auxiliaries and in transformers is included.

2.7.1, PAGES 95-96

The share of the solar and wind energy is measured against to total installed capacity, all sources.

2.7.2-2.7.8, PAGES 97-105

Wind and solar energy generated by all producers. Annual installed capacity includes new installations and replacement of former wind or solar systems.

2.7.3, 2.7.4, PAGES 100-101

Gross electricity production wind share measures the percentage of wind produced electricity in the total production.
Average capacity factor it is the ratio of actual energy output of wind sources against its annual maximum potential output. It is equal to the total annual electricity production, divided by the cumulative capacity converted to an average statistical year base.

2.7.8, PAGE 105

Gross electricity production solar share measures the percentage of solar produced electricity in the total production.

2.8, PAGES 106-108

The data collection for CHP generation is not based in the annual Heat survey, but instead in a specific survey in accordance with the Community Directive 2004/8/EC.
Differences can appear between the two datasets, especially due to the more restrictive methodology employed in the CHP Directive.

While the Directive includes the production of all heat, sold to third parties, under the Directive approach only heat/electricity obeying high-efficiency criteria, is considered. However own heat used by the undertaking for its own processes, is here included.

2.9, PAGES 109-111

Data is generated by the annual heat survey. Heat, in these tables, include the total heat produced, including losses in the installations/network heat exchanges, as well as heat from chemical processes used as primary energy form. Only heat sold to third parties is here reported.

2.10, PAGES 112-114

The tables include the total final energy consumption of petroleum products, and two of its main products: motor gasoline (p:3234), and gas diesel (p:3260), and the total final energy consumption of biofuels (p:5545), and its two main products: biogasoline (p:5546) and biodiesel (p:5547).

2.11.1, PAGE 115

Energy intensity gives an indication of the effectiveness with which energy is being used (GIC) to produce an added value (GDP).

2.11.4, PAGE 118

Primary energy intensity gives an indication of the effectiveness with which primary energy is being used (GIC-FNEC) to produce an added value (GDP).

2.13, PAGES 123-129

All available price data has been used in the calculation of EU-wide fuel price averages. The overall EU price is an average of the prices in the individual countries weighted by their consumption.

PETROLEUM PRODUCTS

Heating gasoil, low sulphur fuel oil, unleaded petrol and automotive diesel prices are supplied to Energy DG by the Member States as those being the most frequently encountered for the specific categories of sales. The prices given are as of January 15th in each year.
The heating gasoil prices given are for deliveries of between 2000 and 5000 litres while those for low sulphur fuel oil are for monthly deliveries of less than 2000 tonnes or annual deliveries of less than 24000 tonnes.
The average pump prices are given for motor fuels.
The EU average prices are calculated by weighting the prices from each country by the corresponding final energy consumption.

ELECTRICITY AND GAS

The legal basis for the collection of industrial gas and electricity prices is defined by EC Directive 2008/92/EC. The collection of prices includes national average prices of the last 6 months reported by different consumer bands. All taxes are included in the current prices.

Consumption bands have been selected as the most representative for the exercise.

APPENDIX 13.3

3.1.1, PAGE 134

Energy activities sector in its broad and narrow definition (sector d35), as defined by EUROSTAT/NACE and UN/SIC nomenclatures.

3.2, PAGES 135-137

Data from the LFS survey. At employment level, this dataset presents larger figures than the SBS, due to the difference of methodology, and its sample size.

3.3, PAGES 138-149

Includes data on number of enterprises, turnover, and persons declared as employed, as originated from the SBS survey that targets especially enterprises business. At employment level is more disaggregated but less complete than the LFS survey.

3.4, PAGES 150-154

Data is extracted from DG Economic and Financial Affairs, AMECO database. Differences mainly due to data freshness, constant revisions, and methodology can appear when comparing with Eurostat economic data.

APPENDIX 13.4

4.1.1, PAGES 158-162

GHG, greenhouse gases, are gases that contribute to the natural greenhouse effect. GHG emissions aggregate includes Fuel combustion emissions and other non-fuel linked emissions (Industrial processes, agriculture, etc.). Fuel combustion emissions include combustion in Energy industries, Manufacturing Industries and construction, Transport, Commercial and Institutional, Residential, Agriculture, Forestry/Fisheries and other combustion and fugitive emissions.

4.1.2 PAGES 163-167

Structure of emissions similar to the GHG emissions.

4.2.2 PAGE 169

Carbon GDP intensity is the average emission rate of CO_2 relative to the total intensity of the economic activity, measured by its GDP.

APPENDIX 13.5

For products see appendices 5-7 and glossary appendix 12. For indicators see appendices 2-4 and glossary appendix 12. For units see appendices 8-11.

Notes

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