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European Commission

EU energy in figures

STATISTICAL POCKETBOOK **2014**

Energy

Introduction

The energy sector is one of the pillars of growth, competitiveness and development in modern economies. To keep up with the permanent transformation of the energy sector in Europe we need to have a continuous supply of accurate and up-to-date data.

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

The data contained in this Pocketbook is drawn from several sources: the European Commission's services, international organisations, such as the European Environment Agency and the International Energy Agency and, where no data is currently available, the European Commission's estimations. Indicator calculations follow the methodology established by the European Commission - DG Energy.

The publication is divided into five parts:

Part 1. Energy sector at world and EU level, including main policy indicators.
Part 2. Main energy indicators, at EU and Member States level.
Part 3. Socio-economic indicators in the EU.
Part 4. Impact of the energy sector on the environment.
Part 5. Main energy indicators on a country-integrated view.

The appendices include a glossary and methodological notes.

This publication was produced using the most recent statistics available. However, as statistics are constantly being updated, corrections and updates will be disseminated, exclusively, via the "Country Statistics" page at: http://ec.europa.eu/energy/observatory/countries/countries_en.htm.

Recommended sources of data:

European Commission websites:

DG Energy
Pocketbook: http://ec.europa.eu/energy/observatory/statistics/statistics_en.htm
Country statistics: http://ec.europa.eu/energy/observatory/countries/countries_en.htm
Market observatory: http://ec.europa.eu/energy/observatory/index_en.htm

Eurostat
Eurobase: http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database

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

DG Climate Action
Progress Reports: http://ec.europa.eu/clima/policies/g-gas/monitoring/documentation_en.htm#progress_reports

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

Comments on this publication and suggestions for improvement are most welcome, and may be sent to ener-emos@ec.europa.eu, with the keyword 'Pocketbook' as subject.

Summary

PART 1 Overview

PART 2 Energy in the EU

PART 4 Environment Indicators in the EU

PART 5 Country Profiles

Appendices

PART 1

Overview

Summary

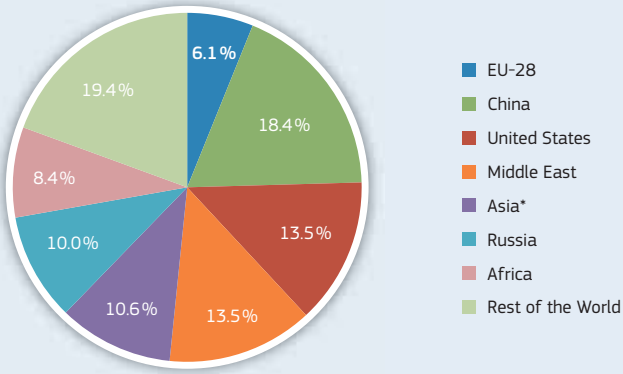
Energy in the World (Overview)

World Energy Production by Region

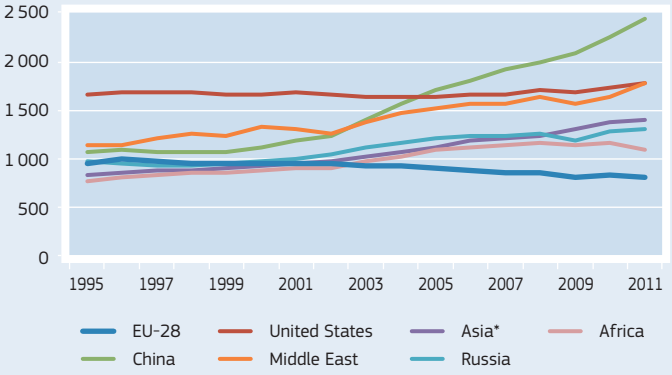
Mtoe	1995	2000	2005	2010	2011	2011 (%)
EU-28	965	950	905	841	809	6.1%
China	1 065	1 130	1 701	2 262	2 433	18.4%
United States	1 659	1 667	1 631	1 723	1 785	13.5%
Middle East	1 140	1 329	1 523	1 641	1 788	13.5%
Asia*	826	934	1 121	1 373	1 405	10.6%
Russia	968	978	1 203	1 293	1 315	10.0%
Africa	772	890	1 089	1 168	1 104	8.4%
Rest of the World	1 879	2 174	2 435	2 567	2 564	19.4%
World	9 275	10 052	11 608	12 868	13 202	100.0%

World Energy Production by Region (%)

Total 2011 = 13 202 Mtoe



World Energy Production by Region (Mtoe)



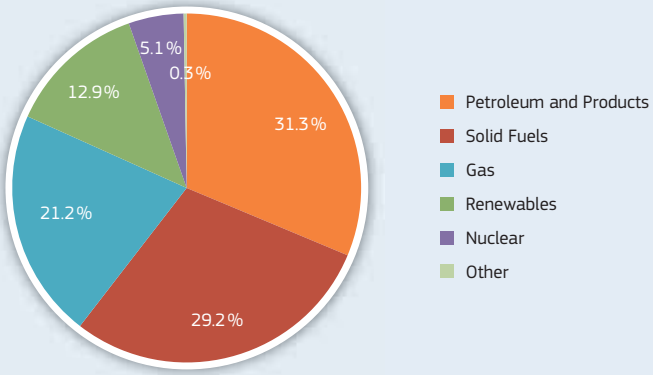
* Excluding China – Source: IEA, May 2014
Methodology and Notes: See Appendix 13 – No 1

World Energy Production by Fuel

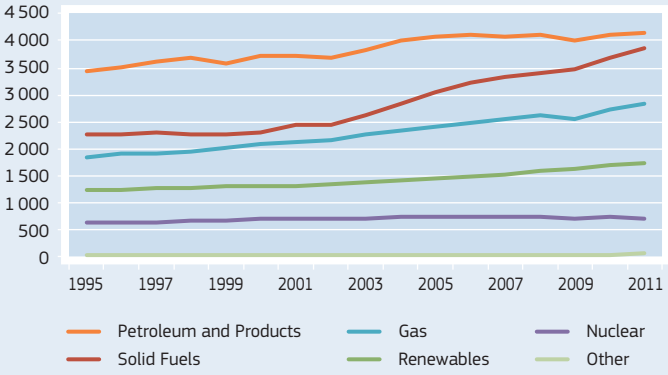
Mtoe	1995	2000	2005	2010	2011	2011 (%)
Petroleum and Products	3 395	3 702	4 050	4 078	4 133	31.3%
Solid Fuels	2 233	2 294	3 012	3 648	3 851	29.2%
Gas	1 815	2 062	2 373	2 720	2 805	21.2%
Renewables	1 207	1 296	1 430	1 671	1 702	12.9%
Nuclear	608	676	722	719	674	5.1%
Other	17	22	21	32	37	0.3%
Total	9 275	10 052	11 608	12 868	13 202	100.0%

World Energy Production by Fuel (%)

Total 2011 = 13 202 Mtoe



World Energy Production by Fuel (Mtoe)



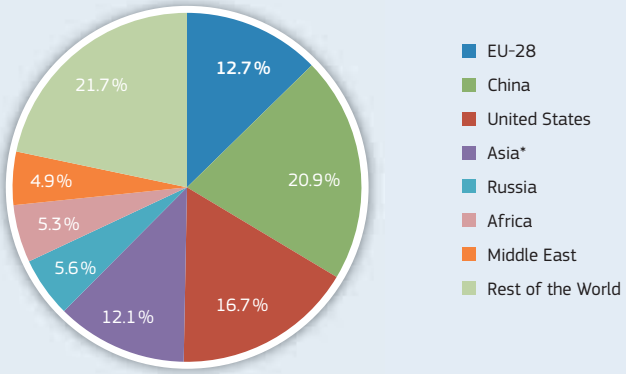
Source: IEA, May 2014
Methodology and Notes: See Appendix 13 – No 1

World Gross Inland Consumption by Region

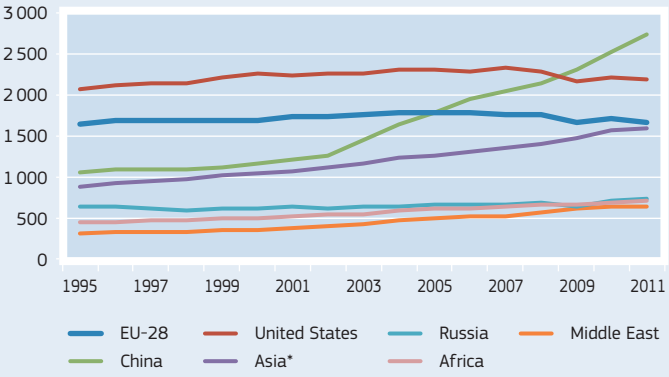
Mtoe	1995	2000	2005	2010	2011	2011 (%)
EU-28	1 644	1 693	1 786	1 724	1 662	12.7%
China	1 055	1 175	1 788	2 531	2 743	20.9%
United States	2 067	2 273	2 319	2 216	2 191	16.7%
Asia*	879	1 052	1 258	1 560	1 593	12.1%
Russia	637	619	652	702	731	5.6%
Africa	442	502	604	691	700	5.3%
Middle East	309	358	488	641	647	4.9%
Rest of the World	2 203	2 410	2 637	2 840	2 846	21.7%
World	9 238	10 082	11 532	12 905	13 113	100.0%

World Gross Inland Consumption by Region (%)

Total 2011 = 13 113 Mtoe



World Gross Inland Consumption by Region (Mtoe)



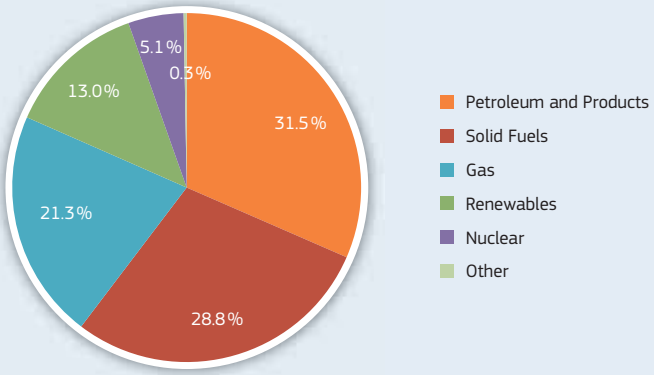
* Excluding China – Source: IEA, May 2014
Methodology and Notes: See Appendix 13 – No 1

World Gross Inland Consumption by Fuel

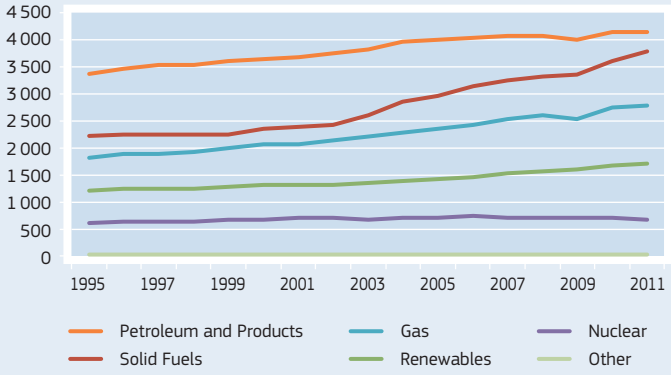
Mtoe	1995	2000	2005	2010	2011	2011 (%)
Petroleum and Products	3 371	3 657	4 021	4 146	4 136	31.5 %
Solid Fuels	2 222	2 358	2 974	3 595	3 776	28.8 %
Gas	1 812	2 072	2 365	2 740	2 787	21.3 %
Renewables	1 208	1 297	1 429	1 672	1 703	13.0 %
** Hydro*	*213*	*225*	*252*	*296*	*300*	*2.3 %*
** Geothermal*	*39*	*52*	*54*	*65*	*66*	*0.5 %*
** Solar/Wind/Other*	*3*	*8*	*16*	*47*	*61*	*0.5 %*
** Biofuels and Waste*	*968*	*1 033*	*1 127*	*1 295*	*1 312*	*10.0 %*
Nuclear	608	676	722	719	674	5.1 %
Other	17	23	21	32	37	0.3 %
Total	9 238	10 082	11 532	12 905	13 113	100.0 %

World Gross Inland Consumption by Fuel (%)

Total 2011 = 13 113 Mtoe



World Energy Production by Fuel (Mtoe)



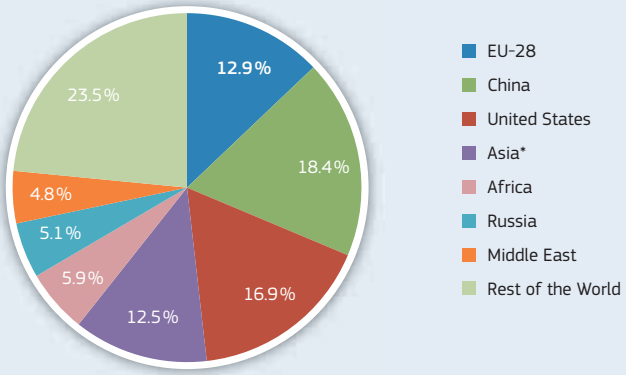
* Partial disaggregation of the Renewables group. Waste also includes non-RES wastes.
Source: IEA, May 2014 – Methodology and Notes: See Appendix 13 – No 1

World Final Energy Consumption by Region

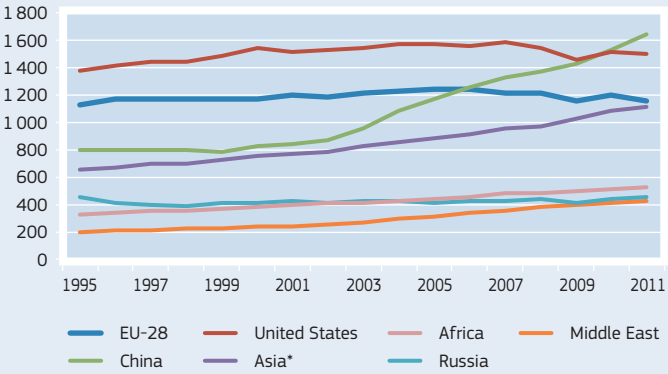
Mtoe	1995	2000	2005	2010	2011	2011 (%)
EU-28	1 127	1 175	1 242	1 203	1 150	12.9%
China	798	825	1 171	1 536	1 643	18.4%
United States	1 378	1 546	1 570	1 519	1 504	16.9%
Asia*	652	749	881	1 083	1 113	12.5%
Africa	326	380	447	515	525	5.9%
Russia	458	418	412	441	459	5.1%
Middle East	197	235	310	412	431	4.8%
Rest of the World	1 627	1 765	1 924	2 063	2 092	23.5%
World	6 562	7 094	7 956	8 772	8 918	100.0%

World Final Energy Consumption by Region (%)

Total 2011 = 8 918 Mtoe



World Final Energy Consumption by Region (Mtoe)



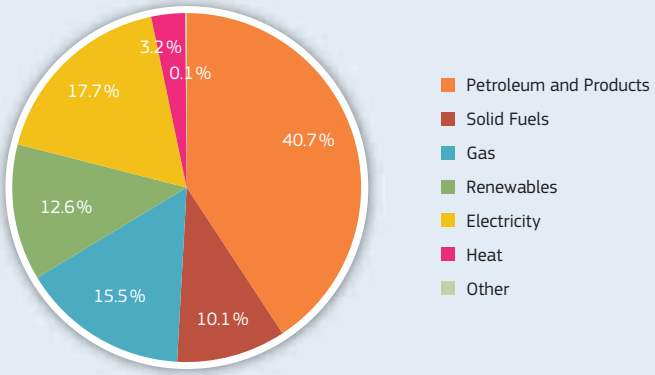
* Excluding China – Source: IEA, May 2014
Methodology and Notes: See Appendix 13 – No 1

World Final Energy Consumption by Fuel

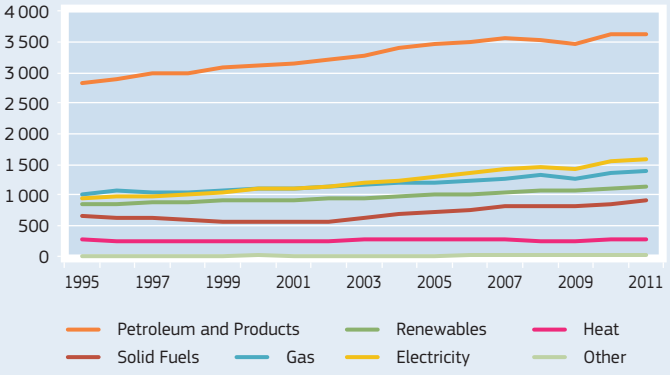
Mtoe	1995	2000	2005	2010	2011	2011 (%)
Petroleum and Products	2 810	3 126	3 451	3 620	3 633	40.7%
Solid Fuels	674	578	735	865	904	10.1%
Gas	1 005	1 119	1 206	1 356	1 380	15.5%
Renewables	851	928	996	1 114	1 126	12.6%
Electricity	933	1 090	1 296	1 537	1 582	17.7%
Heat	285	247	266	272	281	3.2%
Other	3	7	6	8	11	0.1%
Total	6 562	7 094	7 956	8 772	8 918	100.0%

World Final Energy Consumption by Fuel (%)

Total 2011 = 8 918 Mtoe



World Final Energy Consumption by Fuel (Mtoe)



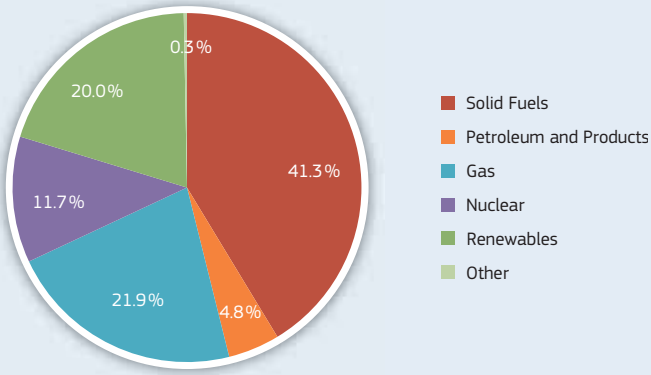
Source: IEA, May 2014
Methodology and Notes: See Appendix 13 – No 1

World Electricity Generation by Fuel

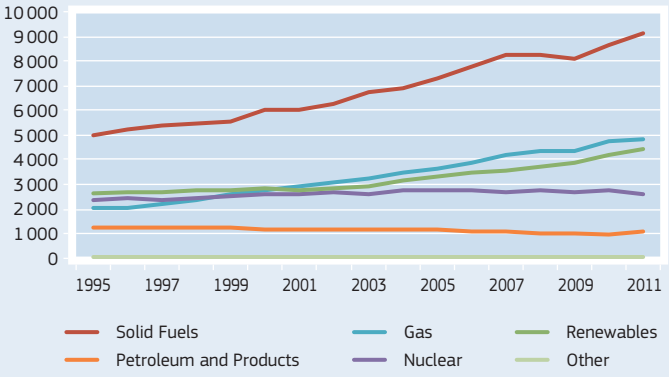
TWh	1995	2000	2005	2010	2011	2011 (%)
Solid Fuels	4 994	6 002	7 335	8 655	9 144	41.3%
Petroleum and Products	1 232	1 200	1 141	966	1 058	4.8%
Gas	2 010	2 740	3 668	4 781	4 852	21.9%
Nuclear	2 332	2 591	2 768	2 756	2 584	11.7%
Renewables	2 638	2 840	3 292	4 220	4 422	20.0%
** Hydro*	*2 480*	*2 620*	*2 930*	*3 442*	*3 490*	*15.8%*
** Solar/Wind/Other*	*10*	*35*	*116*	*381*	*505*	*2.3%*
** Biofuels and Waste*	*133*	*170*	*233*	*387*	*422*	*1.9%*
** Geothermal*	*40*	*52*	*58*	*68*	*69*	*0.3%*
Other	25	37	46	60	66	0.3%
Total	13 231	15 411	18 251	21 438	22 126	100.0%

World Electricity Generation by Fuel (%)

Total 2011 = 22 126 TWh



World Electricity Generation by Fuel (TWh)



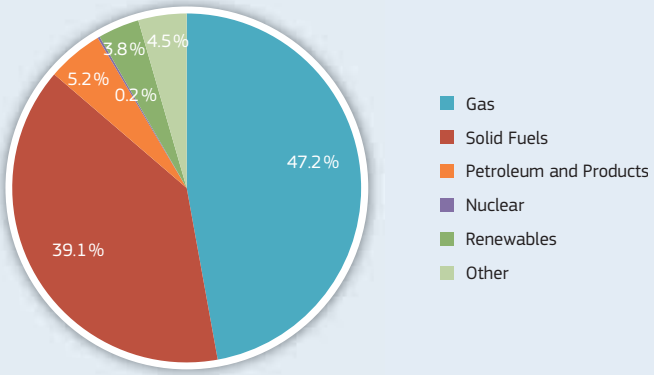
* Partial disaggregation of the Renewables group. Waste also includes non-RES wastes.
Source: IEA, May 2014 – Methodology and Notes: See Appendix 13 – No 1

World Heat Generation by Fuel

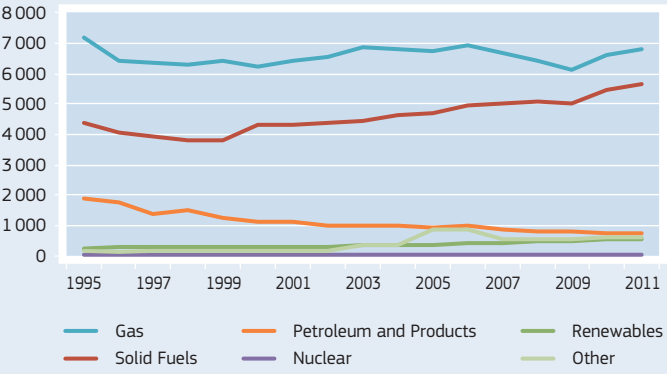
PJ	1995	2000	2005	2010	2011	2011 (%)
Gas	7 166	6 248	6 739	6 587	6 790	47.2%
Solid Fuels	4 370	4 331	4 718	5 460	5 634	39.1%
Petroleum and Products	1 903	1 122	940	771	749	5.2%
Nuclear	20	19	21	27	29	0.2%
Renewables	248	290	388	563	553	3.8%
** Geothermal*	*8*	*8*	*10*	*13*	*12*	*0.1%*
** Solar/Wind/Other*	*3*	*4*	*373*	*331*	*332*	*2.3%*
** Biofuels and Waste*	*348*	*421*	*539*	*776*	*786*	*5.5%*
Other	158	199	845	624	644	4.5%
Total	13 865	12 209	13 650	14 033	14 399	100.0%

World Heat Generation by Fuel (%)

Total 2011 = 14 399 PJ



World Heat Generation by Fuel (PJ)



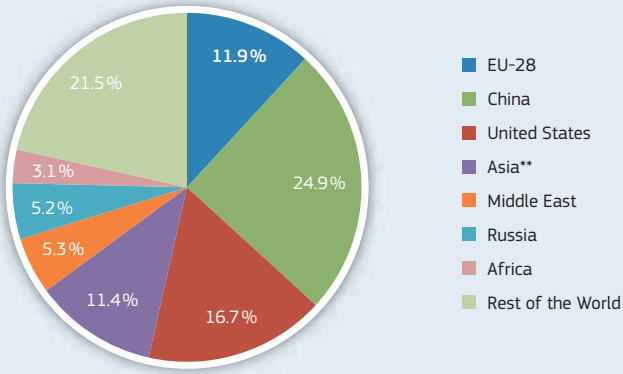
* Partial disaggregation of the Renewables group. Waste also includes non-RES wastes.
Source: IEA, May 2014 – Methodology and Notes: See Appendix 13 – No 1

World CO_2 Emissions* by Region

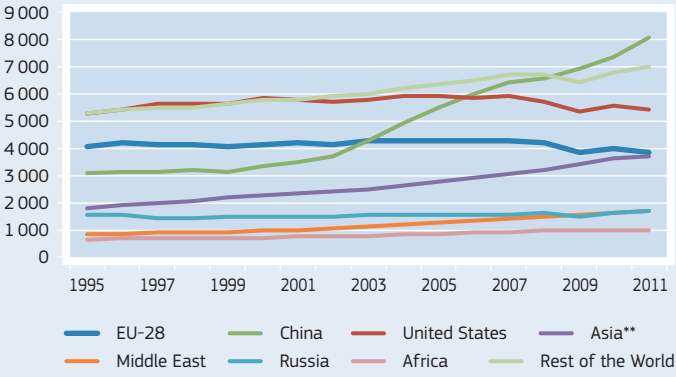
Mio ton CO_2	1995	2000	2005	2010	2011	2011 (%)
EU-28	4 062	4 099	4 279	3 968	3 846	11.9%
China	3 085	3 382	5 503	7 393	8 094	24.9%
United States	5 275	5 844	5 922	5 577	5 435	16.7%
Asia**	1 796	2 247	2 761	3 608	3 699	11.4%
Middle East	843	980	1 269	1 649	1 711	5.3%
Russia	1 573	1 510	1 527	1 600	1 682	5.2%
Africa	635	721	867	1 007	1 007	3.1%
Rest of the World	5 291	5 812	6 347	6 805	6 983	21.5%
World	22 560	24 595	28 475	31 606	32 456	100.0%

World CO_2 Emissions by Region (%)

Total 2011 = 32 456 Mio ton CO_2



World CO_2 Emissions by Region (Mio ton CO_2)



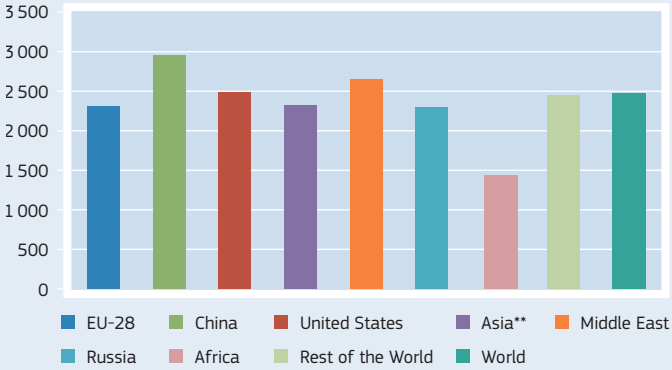
* Sectoral Approach, including Bunkers ** Excluding China – Source: IEA, May 2014
Methodology and Notes: See Appendix 13 – No 1

World CO_2 Intensity* by Region

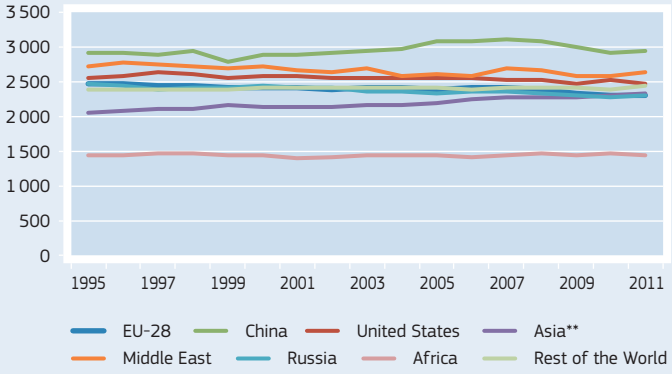
Kg CO_2 per toe (Average)	1995	2000	2005	2010	2011
EU-28	2 470	2 422	2 396	2 301	2 313
China	2 924	2 879	3 077	2 921	2 951
United States	2 552	2 571	2 554	2 517	2 481
Asia**	2 042	2 136	2 195	2 313	2 322
Middle East	2 727	2 736	2 600	2 571	2 645
Russia	2 470	2 438	2 343	2 278	2 301
Africa	1 435	1 437	1 436	1 456	1 437
Rest of the World	2 401	2 411	2 407	2 396	2 454
World	2 442	2 439	2 469	2 449	2 475

World CO_2 Intensity by Region (kg CO_2 per toe)

Average 2011 = 2 475 kg CO_2 per toe



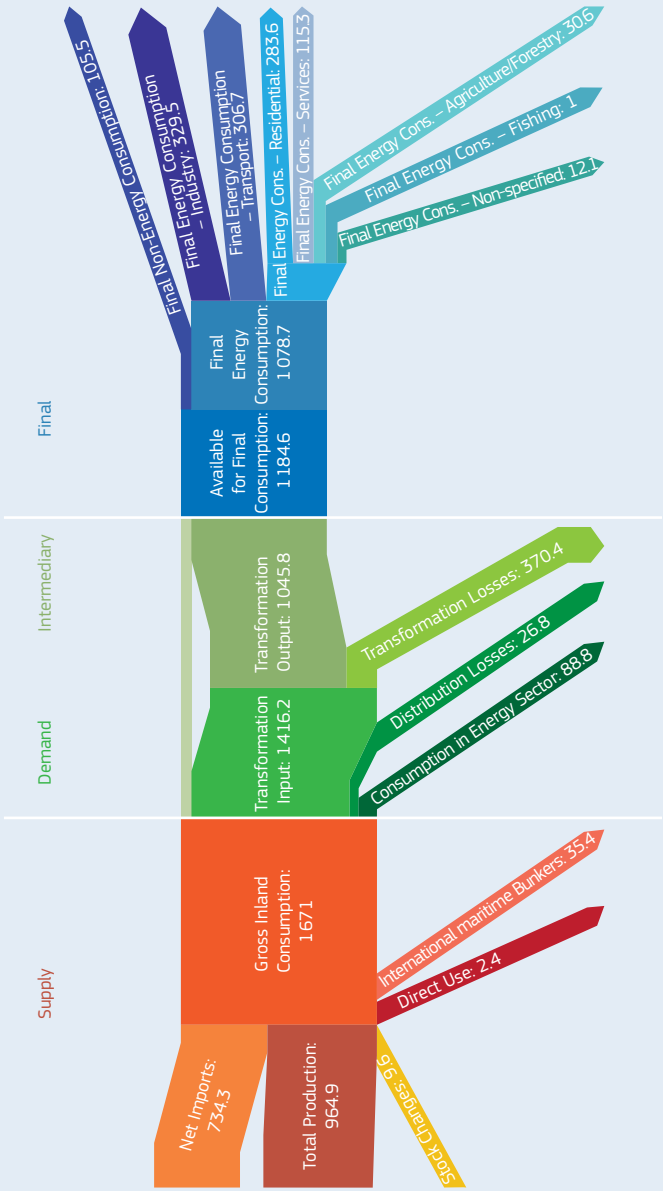
World CO_2 Intensity by Region (kg CO_2 per toe)



* Per Unit of Gross Inland Consumption ** Excluding China – Source: IEA, May 2014
Methodology and Notes: See Appendix 13 – No 1

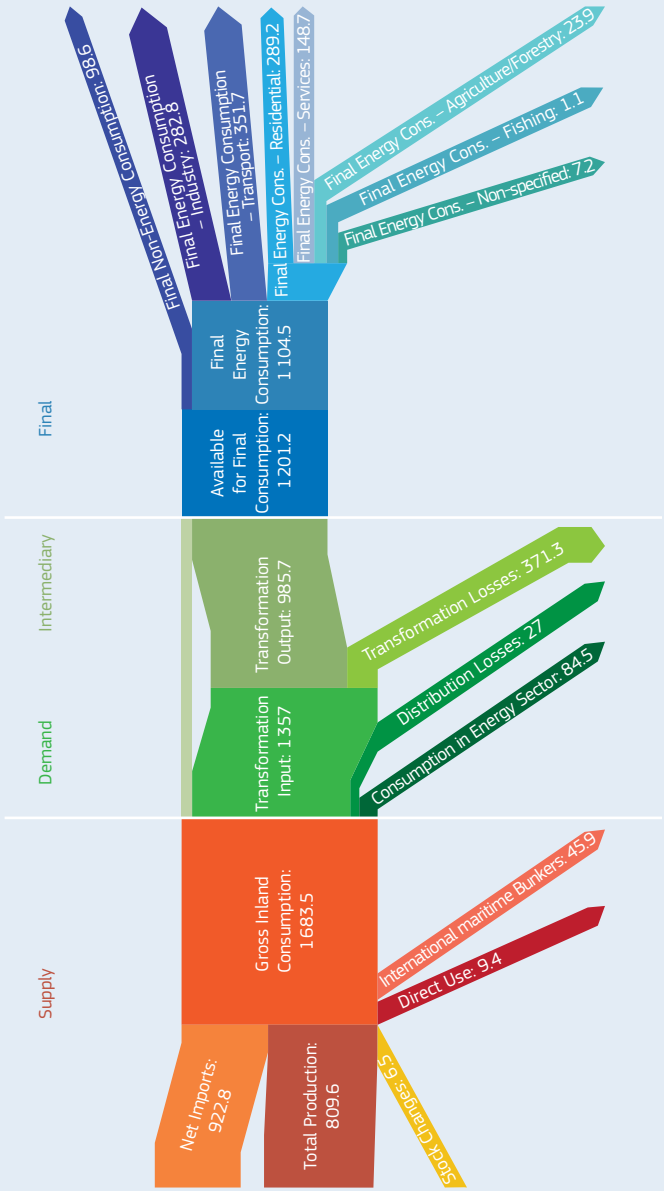
Energy in the EU (Overview)

EU* Energy Flow – 1995 (Mtoe)



* Current 28 MS – Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

EU Energy Flow – 2012 (Mtoe)

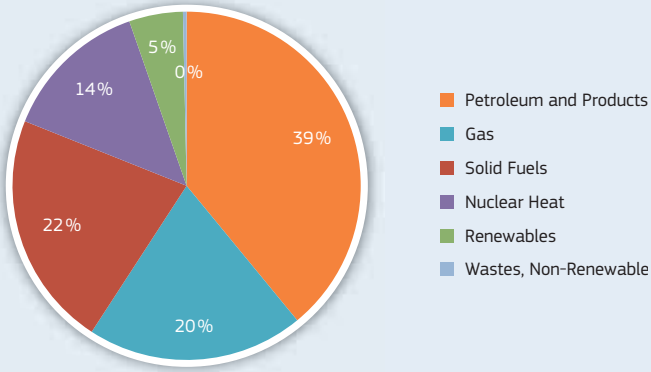


Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

EU-28 Gross Inland Consumption

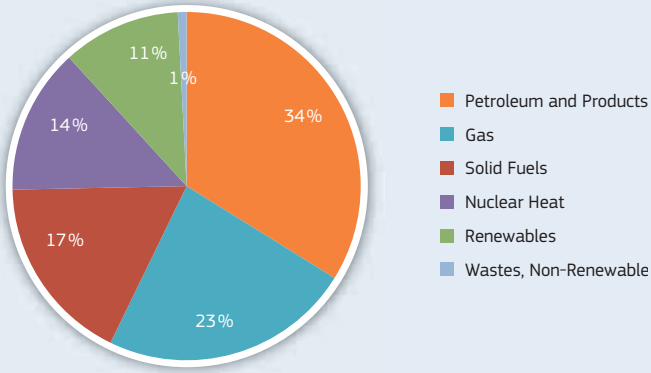
Energy Mix (%) – Primary Products Only

Total Primary 1995: 1 669 Mtoe
(Total Primary and Secondary 1995: 1 671 Mtoe)



EU-28 Gross Inland Consumption – Energy Mix (%) – Primary Products Only

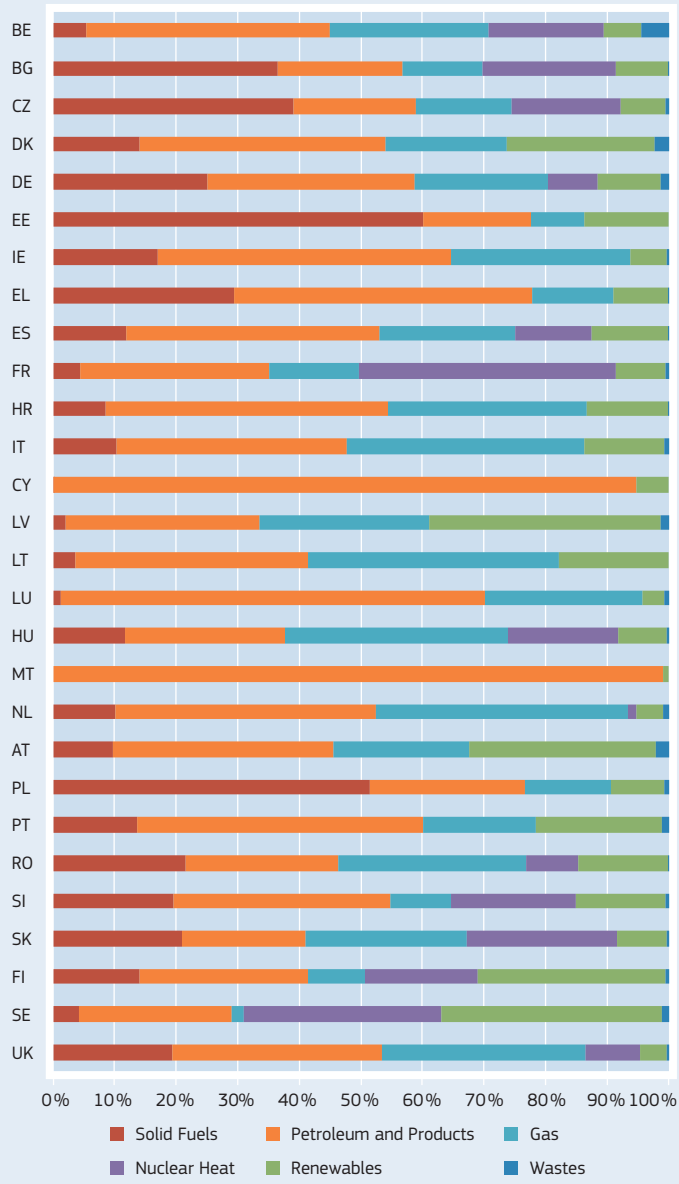
Total Primary 2012: 1 682 Mtoe
(Total Primary and Secondary 2012: 1 683 Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

EU-28 Gross Inland Consumption

Energy Mix* – 2012 (%)



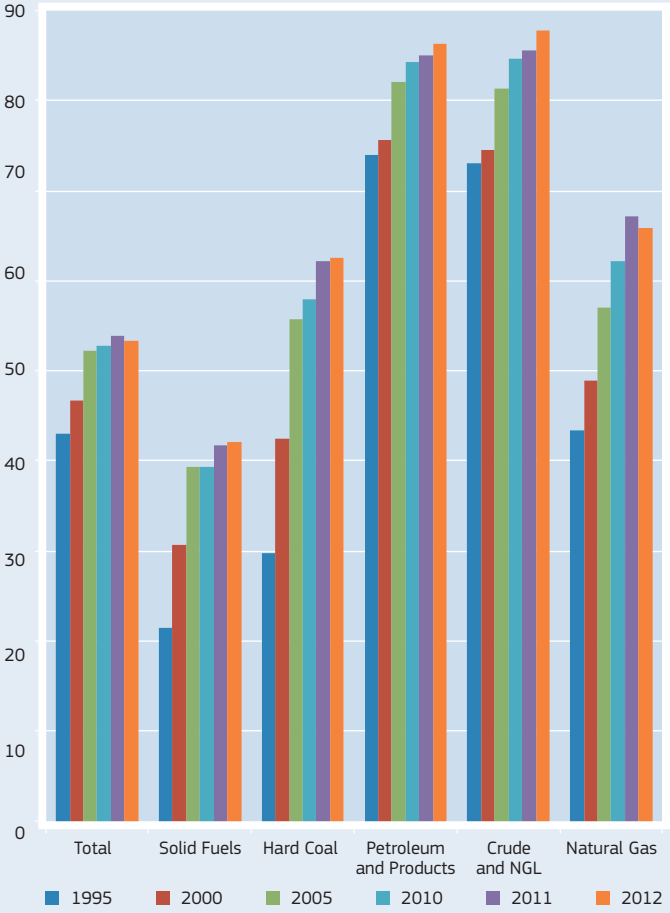
* Primary Products only – Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

EU-28 Energy Import Dependency

By Fuel

	1995	2000	2005	2010	2011	2012
Total	43.0%	46.7%	52.2%	52.7%	53.9%	53.4%
Solid Fuels	21.5%	30.6%	39.4%	39.4%	41.7%	42.2%
of which Hard Coal	29.7%	42.6%	55.7%	57.9%	62.3%	62.5%
Petroleum and Products	74.0%	75.7%	82.1%	84.4%	85.1%	86.4%
of which Crude and NGL	73.0%	74.5%	81.3%	84.6%	85.5%	87.8%
Natural Gas	43.4%	48.9%	57.1%	62.1%	67.1%	65.8%

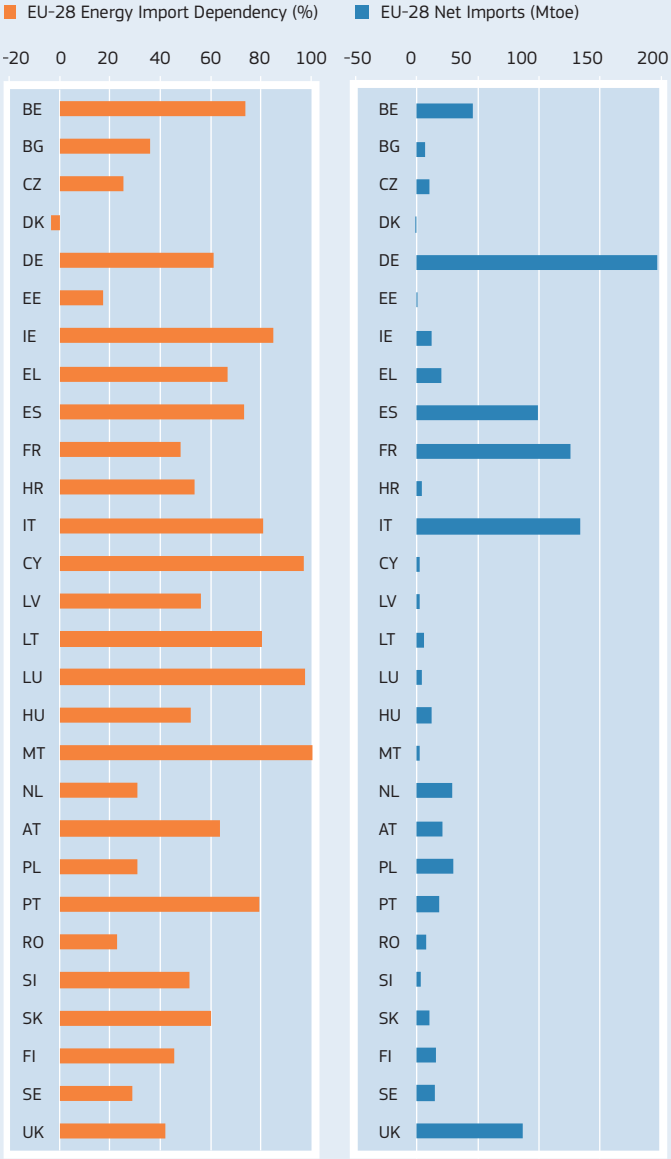
EU-28 Energy Import Dependency by Fuel – 1995-2012 (%)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

EU-28 Energy Import Dependency – Net Imports

2012

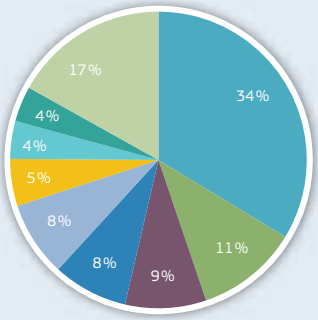


Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

EU-28 Imports* by Country of Origin

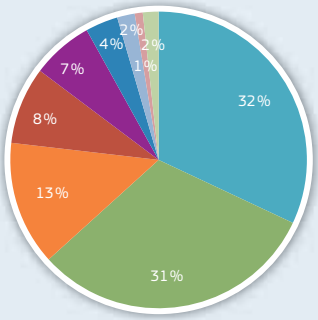
Imports* of Crude Oil – 2012

Total = 523 094 kton



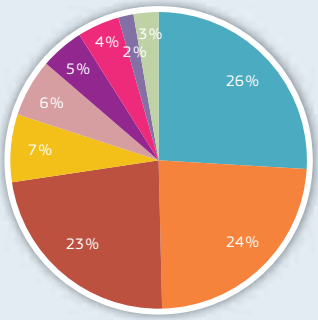
Imports* of Natural Gas – 2012

Total = 12 824 707 TJ-GCV



Imports* of Solid Fuels – 2012

Total = 217 749 kton



* From Extra-EU – Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

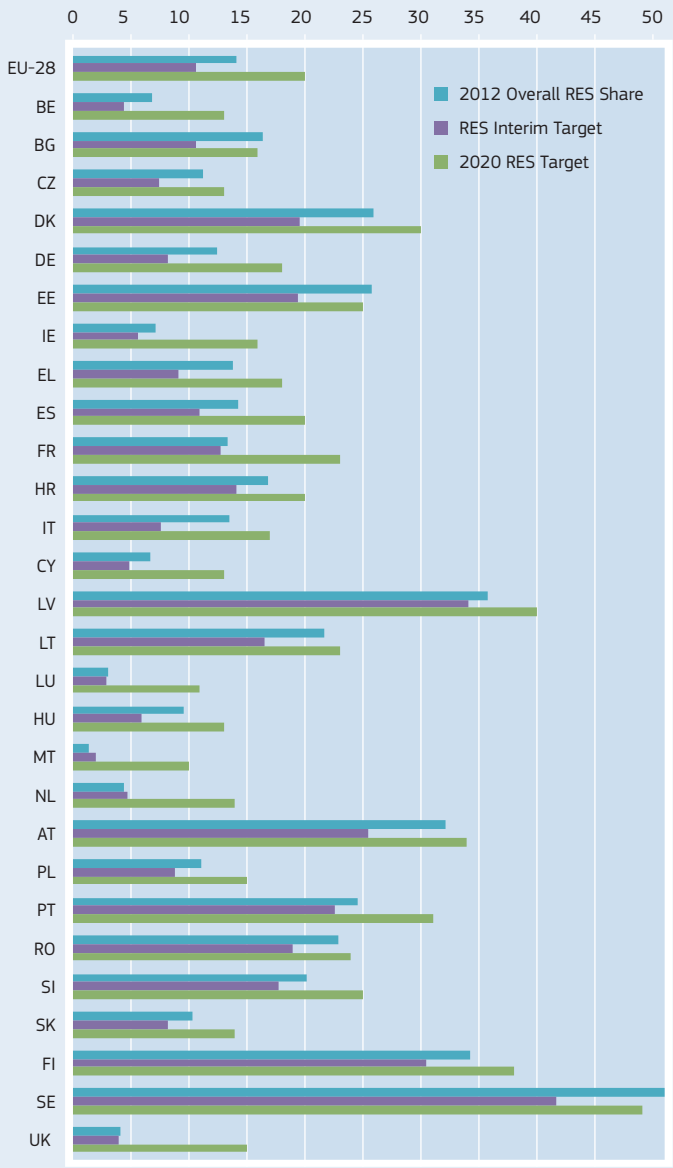
EU 2020 Targets

Renewable Energy Targets*

%	2012 Overall RES Share	2012 RES Interim Target	2020 RES Target
EU-28	14.1%	10.7%	20.0%
BE	6.8%	4.4%	13.0%
BG	16.3%	10.7%	16.0%
CZ	11.2%	7.5%	13.0%
DK	26.0%	19.6%	30.0%
DE	12.4%	8.2%	18.0%
EE	25.8%	19.4%	25.0%
IE	7.2%	5.7%	16.0%
EL	13.8%	9.1%	18.0%
ES	14.3%	11.0%	20.0%
FR	13.4%	12.8%	23.0%
HR	16.8%	14.1%	20.0%
IT	13.5%	7.6%	17.0%
CY	6.8%	4.9%	13.0%
LV	35.8%	34.1%	40.0%
LT	21.7%	16.6%	23.0%
LU	3.1%	2.9%	11.0%
HU	9.6%	6.0%	13.0%
MT	1.4%	2.0%	10.0%
NL	4.5%	4.7%	14.0%
AT	32.1%	25.4%	34.0%
PL	11.0%	8.8%	15.0%
PT	24.6%	22.6%	31.0%
RO	22.9%	19.0%	24.0%
SI	20.2%	17.8%	25.0%
SK	10.4%	8.2%	14.0%
FI	34.3%	30.4%	38.0%
SE	51.0%	41.6%	49.0%
UK	4.2%	4.0%	15.0%

* As % of the Gross Final Energy Consumption
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

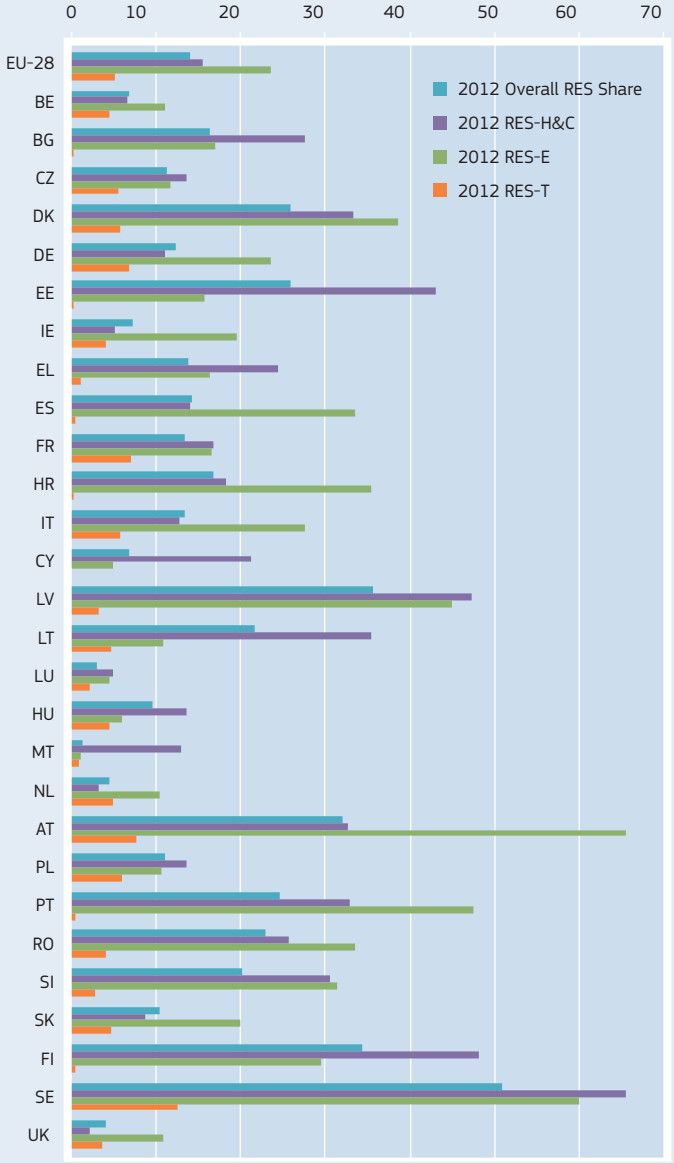
Renewable Energy Targets* (%)



* In Gross Final Energy Consumption
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

Renewable Energy Shares* (%)

Overall, Heating and Cooling (H&C), Electricity (E), and Transport (T) Shares



* In Gross Final Energy Consumption
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 1

GHG Emissions Targets*

Emissions Compared to 1990

Index 100=1990	1990	1995	2000	2005	2010	2011	2012
EU-28	100	93	92	93	86	83	82
BE	100	105	103	100	93	85	83
BG	100	70	54	58	55	60	56
CZ	100	77	75	74	70	68	67
DK	100	111	100	94	90	83	77
DE	100	90	84	81	77	74	77
EE	100	49	42	46	49	52	47
IE	100	107	124	128	113	106	107
EL	100	105	120	128	112	110	106
ES	100	111	135	154	125	126	122
FR	100	99	101	102	94	89	89
HR	100	73	83	96	90	89	83
IT	100	102	107	112	97	95	90
CY	100	121	138	150	151	147	148
LV	100	48	38	42	47	45	43
LT	100	45	40	48	43	44	44
LU	100	81	81	108	102	100	97
HU	100	81	80	81	69	67	64
MT	100	123	130	147	150	151	157
NL	100	107	103	102	101	95	93
AT	100	103	104	120	110	108	104
PL	100	95	84	85	88	88	86
PT	100	117	138	145	119	116	115
RO	100	71	55	58	48	50	48
SI	100	101	103	110	106	106	103
SK	100	74	69	71	64	63	58
FI	100	100	99	98	107	97	88
SE	100	102	96	93	91	86	81
UK	100	93	90	89	80	75	78

* Emissions of the Kyoto basket of GHG
Source: Eurostat, July 2014
Methodology and Notes: See Appendix 13 – No 1

PART 2

Energy in the EU

Summary

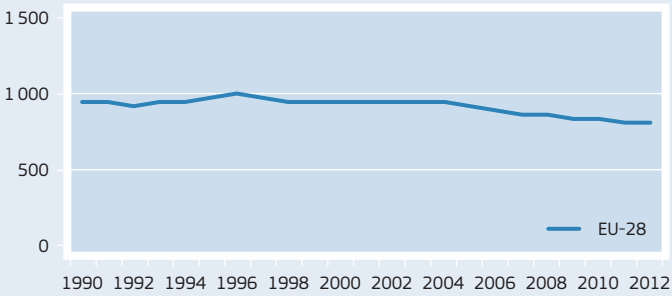
Energy Supply

Production*

All Fuels

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	964.9	947.3	906.3	845.0	815.9	809.6
Index 1995	100 %	98 %	94 %	88 %	85 %	84 %
BE	11.83	13.61	13.72	15.17	18.29	16.29
BG	10.27	9.87	10.70	10.53	12.29	11.68
CZ	32.43	30.63	32.86	31.58	32.03	32.56
DK	16.28	28.81	30.82	23.20	20.51	18.89
DE	145.19	135.55	139.05	133.74	126.98	128.09
EE	3.88	3.55	4.38	5.60	5.74	5.83
IE	4.10	2.16	1.65	1.86	1.73	1.35
EL	9.36	10.01	10.32	9.47	9.65	10.45
ES	31.43	31.49	30.09	34.40	31.98	33.51
FR	127.36	130.20	135.93	134.85	135.32	134.01
HR	4.18	3.59	3.81	4.22	3.85	3.62
IT	29.83	28.49	27.84	29.56	31.18	31.95
CY	0.04	0.04	0.05	0.09	0.10	0.11
LV	1.43	1.47	1.87	2.12	2.08	2.34
LT	3.78	3.28	3.96	1.33	1.31	1.34
LU	0.04	0.06	0.11	0.12	0.12	0.13
HU	13.90	11.60	10.37	11.07	10.80	10.60
MT	0.00	0.00	0.00	0.00	0.00	0.01
NL	66.72	57.55	62.22	74.55	68.34	69.34
AT	8.76	9.78	10.01	12.17	11.64	12.85
PL	99.38	79.94	78.91	67.59	68.61	71.88
PT	3.38	3.89	3.61	5.58	5.32	4.60
RO	32.31	28.46	28.22	27.82	27.94	27.43
SI	2.96	3.09	3.49	3.69	3.79	3.54
SK	5.06	6.39	6.69	6.34	6.56	6.56
FI	13.13	15.16	16.95	17.93	17.65	17.72
SE	31.38	30.05	34.26	32.76	32.97	35.81
UK	256.46	268.55	204.42	147.65	129.12	117.05

Production – All Fuels – 1990-2012 (Mtoe)



* Primary Production and Receipt, Production from Other Sources and Recycled Products
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Production*

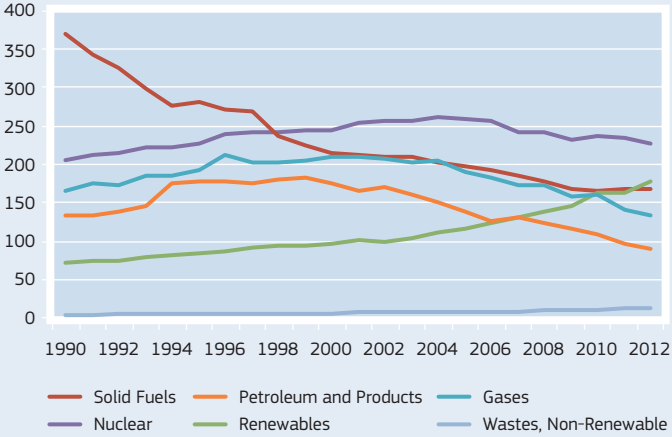
By Fuel

Mtoe	2012 Nuclear	Solid Fuels	Renewables	Gases	Petroleum and Products	Wastes, Non-Renewable
EU-28	227.7	167.5	177.4	133.4	89.9	13.6
Share (%)	28.1 %	20.7 %	21.9 %	16.5 %	11.1 %	1.7 %
BE	10.39	0.00	2.82	0.00	0.62	2.46
BG	4.09	5.61	1.64	0.31	0.03	0.01
CZ	7.85	20.68	3.25	0.21	0.35	0.22
DK	0.00	0.00	3.11	5.21	10.17	0.40
DE	25.66	47.60	32.91	9.57	8.34	4.02
EE	0.00	4.04	1.06	0.00	0.74	0.00
IE	0.00	0.32	0.74	0.18	0.06	0.04
EL	0.00	8.04	2.27	0.01	0.11	0.01
ES	15.86	2.46	14.49	0.05	0.48	0.18
FR	109.73	0.18	20.77	0.45	1.62	1.26
HR	0.00	0.00	1.18	1.63	0.80	0.01
IT	0.00	0.05	18.06	7.05	5.72	1.07
CY	0.00	0.00	0.11	0.00	0.00	0.00
LV	0.00	0.00	2.33	0.00	0.00	0.00
LT	0.00	0.02	1.20	0.00	0.12	0.00
LU	0.00	0.00	0.09	0.00	0.00	0.03
HU	4.09	1.61	1.96	1.77	1.09	0.09
MT	0.00	0.00	0.01	0.00	0.00	0.00
NL	1.01	0.00	3.78	57.68	6.20	0.67
AT	0.00	0.00	9.62	1.56	0.98	0.68
PL	0.00	57.82	8.48	3.83	1.15	0.61
PT	0.00	0.00	4.36	0.00	0.00	0.24
RO	2.96	6.35	5.24	8.68	4.17	0.03
SI	1.43	1.09	0.99	0.00	0.00	0.03
SK	4.05	0.57	1.43	0.13	0.35	0.04
FI	5.93	0.99	9.93	0.00	0.69	0.18
SE	16.52	0.14	18.51	0.01	0.09	0.54
UK	18.16	9.97	7.10	35.04	46.02	0.76

* Primary Production and Receipt, Production from Other Sources and Recycled Products
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

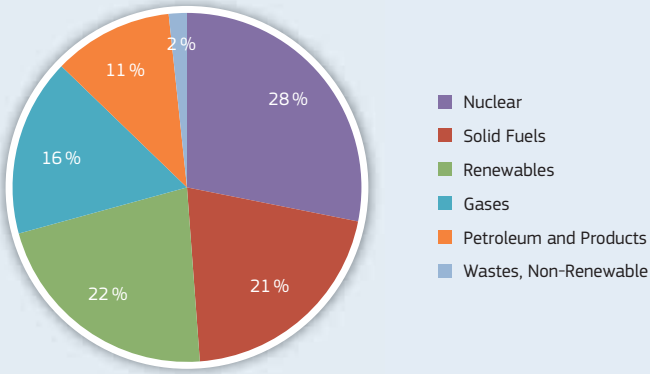
Production*

By Fuel – EU-28 – 1990-2012 (Mtoe)



Production* by Fuel – EU-28 – 2012 (% of Total)

Total = 810 Mtoe



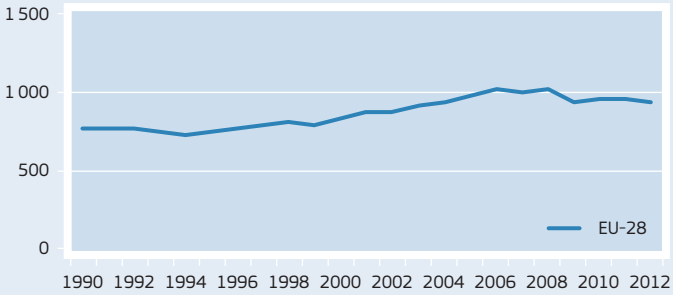
* Primary Production and Receipt, Production from Other Sources and Recycled Products
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Net Imports

All Fuels

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	734.3	825.9	979.2	954.3	943.6	922.8
Index 1995	100%	112%	133%	130%	129%	126%
BE	46.75	50.35	53.12	53.69	49.11	46.13
BG	12.83	8.54	9.28	7.07	6.91	6.60
CZ	8.59	9.40	12.64	11.38	11.97	10.78
DK	7.27	-7.38	-10.14	-3.36	-1.19	-0.63
DE	195.18	204.71	208.11	201.69	196.83	196.77
EE	1.82	1.64	1.50	0.87	0.77	1.11
IE	7.74	12.24	13.52	13.16	12.62	11.83
EL	18.29	22.15	23.50	21.71	19.87	19.98
ES	75.42	99.34	123.83	106.08	104.43	99.41
FR	117.06	134.08	144.16	132.23	126.64	125.32
HR	2.89	4.16	5.25	4.46	4.65	4.35
IT	134.50	152.07	160.24	149.80	142.80	133.81
CY	2.03	2.55	2.83	2.94	2.66	2.62
LV	3.36	2.36	3.10	2.22	2.75	2.69
LT	5.54	4.25	5.02	5.66	5.83	5.79
LU	3.25	3.62	4.67	4.50	4.43	4.34
HU	12.55	13.96	17.42	14.99	13.02	12.33
MT	0.84	1.46	1.63	2.39	2.28	2.04
NL	14.88	33.76	37.08	30.55	28.23	29.25
AT	17.98	18.97	24.52	21.53	23.59	21.41
PL	-1.16	8.77	15.93	31.55	33.86	30.10
PT	18.02	22.07	24.85	18.59	18.75	18.13
RO	14.03	7.99	10.84	7.83	7.90	8.02
SI	3.09	3.41	3.85	3.58	3.52	3.64
SK	12.14	12.00	12.43	11.24	11.15	10.02
FI	15.84	18.22	18.98	17.88	19.08	15.55
SE	20.43	20.44	19.46	19.29	18.60	14.75
UK	-36.83	-39.22	31.60	60.76	72.60	86.62

Net Imports – All Fuels – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Net Imports

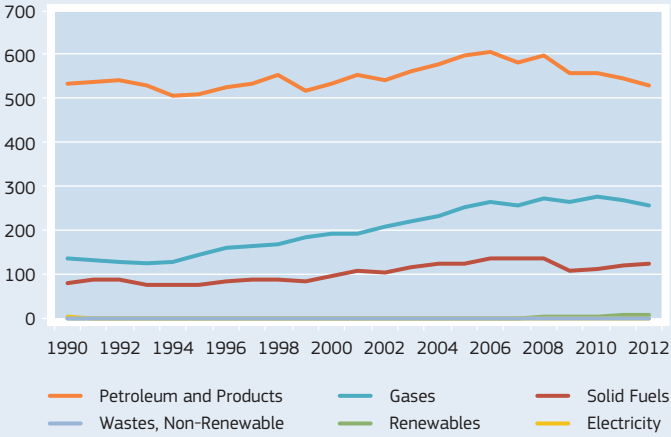
By Fuel

	2012					
Mtoe	Net Imports	Petroleum and Products	Gases	Solid Fuels	Renewables	Electricity
EU-28	922.8	531.7	258.6	123.9	6.8	1.6
Share (%)	100 %	58 %	28 %	13 %	1 %	0 %
BE	46.13	27.79	14.17	2.79	0.52	0.85
BG	6.60	3.78	2.04	1.49	0.00	-0.71
CZ	10.78	8.43	6.10	-2.25	-0.03	-1.47
DK	-0.63	-2.64	-1.89	2.32	1.13	0.45
DE	196.77	106.40	59.83	32.15	0.17	-1.77
EE	1.11	0.90	0.55	0.02	-0.16	-0.19
IE	11.83	6.57	3.84	1.31	0.08	0.04
EL	19.98	15.78	3.67	0.19	0.19	0.15
ES	99.41	59.24	28.07	11.59	1.46	-0.96
FR	125.32	80.99	36.92	10.91	0.32	-3.83
HR	4.35	2.45	0.89	0.55	-0.20	0.66
IT	133.81	56.24	55.35	15.77	2.75	3.71
CY	2.62	2.60	0.00	0.00	0.02	0.00
LV	2.69	1.65	1.38	0.09	-0.62	0.15
LT	5.79	2.41	2.66	0.21	-0.05	0.57
LU	4.34	2.84	1.05	0.05	0.04	0.35
HU	12.33	4.79	6.05	0.99	-0.19	0.69
MT	2.04	2.04	0.00	0.00	0.00	0.00
NL	29.25	45.74	-24.60	6.85	-0.30	1.47
AT	21.41	10.96	6.40	3.33	0.48	0.24
PL	30.10	23.66	10.04	-3.51	0.15	-0.24
PT	18.13	10.72	3.92	3.03	-0.23	0.68
RO	8.02	4.51	2.30	1.26	-0.07	0.02
SI	3.64	2.66	0.71	0.30	0.05	-0.08
SK	10.02	3.03	3.92	3.12	-0.08	0.03
FI	15.55	8.39	3.01	2.64	0.01	1.50
SE	14.75	13.71	1.01	1.72	0.00	-1.68
UK	86.62	26.07	31.21	27.01	1.29	1.04

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

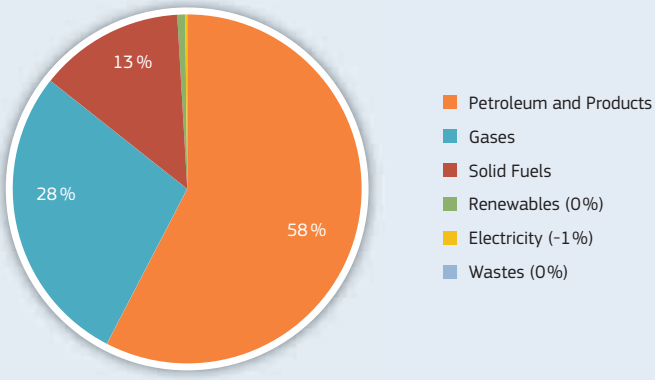
Net Imports

By Fuel – EU-28 – 1990-2012 (Mtoe)



Net Imports by Fuel – EU-28 – 2012 (% of Total)

Total = 923 Mtoe



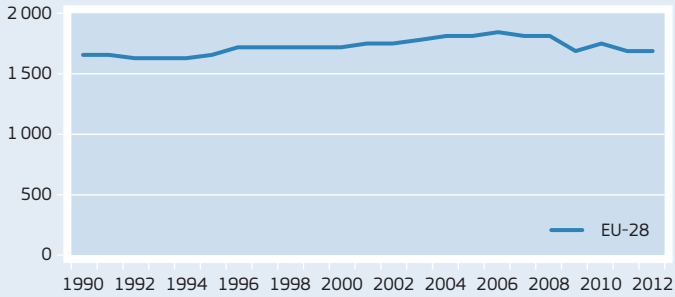
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Inland Consumption

All Fuels

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	1 671.0	1 726.9	1 824.2	1 759.7	1 699.5	1 683.5
Index 1995	100 %	103 %	109 %	105 %	102 %	101 %
BE	53.94	59.15	58.73	61.04	59.67	56.32
BG	22.69	18.52	19.75	17.77	19.09	18.23
CZ	41.68	41.17	45.12	44.73	43.23	42.78
DK	20.22	19.75	19.58	20.15	18.75	18.14
DE	341.57	342.28	341.85	333.67	317.12	319.45
EE	5.53	4.98	5.62	6.16	6.19	6.12
IE	11.04	14.30	15.04	15.13	13.99	13.85
EL	23.87	28.29	31.41	28.73	27.80	27.75
ES	102.08	123.64	144.22	129.87	128.21	127.29
FR	241.77	257.60	276.36	267.12	257.84	258.39
HR	7.09	7.82	8.93	8.56	8.53	8.12
IT	161.76	174.22	187.47	174.76	171.99	163.22
CY	1.95	2.40	2.54	2.73	2.68	2.51
LV	4.62	3.86	4.59	4.77	4.38	4.54
LT	8.64	7.06	8.71	6.78	7.00	7.08
LU	3.32	3.64	4.80	4.64	4.56	4.45
HU	26.18	25.30	27.61	25.81	25.10	23.55
MT	0.76	0.80	0.97	0.95	0.92	0.84
NL	72.67	75.57	81.47	86.61	80.21	81.78
AT	27.07	28.98	34.35	34.60	33.65	33.65
PL	98.83	88.99	92.54	100.92	101.22	97.97
PT	20.64	25.28	27.48	24.28	23.61	22.20
RO	46.31	36.65	39.21	35.80	36.56	35.37
SI	6.07	6.45	7.33	7.23	7.28	7.00
SK	17.72	18.30	19.03	17.86	17.40	16.70
FI	29.28	32.42	34.53	37.07	35.51	34.09
SE	51.47	48.90	50.99	50.78	49.71	49.79
UK	222.25	230.56	233.99	211.21	197.29	202.29

Gross Inland Consumption – All Fuels – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Inland Consumption

By Fuel

	2012						
Mtoe	Petroleum and Products	Gases	Solid Fuels	Nuclear	Renewables	Wastes, Non-Renewable	Electricity
EU-28	569.2	392.8	293.9	227.7	184.4	13.7	1.6
Share (%)	33.8%	23.3%	17.5%	13.5%	11.0%	0.8%	0.1%
BE	21.94	14.37	2.97	10.39	3.34	2.46	0.85
BG	3.84	2.45	6.93	4.09	1.63	0.01	-0.71
CZ	8.85	6.86	17.27	7.85	3.21	0.22	-1.47
DK	7.08	3.50	2.47	0.00	4.23	0.40	0.45
DE	108.30	69.82	80.35	25.66	33.08	4.02	-1.77
EE	1.11	0.55	3.80	0.00	0.86	0.00	-0.19
IE	6.57	4.01	2.36	0.00	0.82	0.04	0.04
EL	13.32	3.66	8.14	0.00	2.46	0.01	0.15
ES	52.91	28.19	15.14	15.86	15.98	0.18	-0.96
FR	80.44	38.22	11.47	109.73	21.09	1.26	-3.83
HR	3.43	2.41	0.63	0.00	0.98	0.01	0.66
IT	59.94	61.36	16.30	0.00	20.84	1.07	3.71
CY	2.38	0.00	0.00	0.00	0.13	0.00	0.00
LV	1.38	1.21	0.09	0.00	1.65	0.06	0.15
LT	2.47	2.65	0.23	0.00	1.16	0.00	0.57
LU	2.82	1.05	0.05	0.00	0.14	0.03	0.35
HU	5.93	8.31	2.69	4.09	1.77	0.09	0.69
MT	0.83	0.00	0.00	0.00	0.01	0.00	0.00
NL	33.85	33.00	8.19	1.01	3.50	0.75	1.47
AT	11.96	7.41	3.24	0.00	10.11	0.68	0.24
PL	24.83	13.60	50.55	0.00	8.62	0.61	-0.24
PT	10.02	3.93	2.93	0.00	4.39	0.24	0.68
RO	8.76	10.81	7.60	2.96	5.19	0.03	0.02
SI	2.48	0.71	1.39	1.43	1.04	0.03	-0.08
SK	3.38	4.37	3.48	4.05	1.36	0.04	0.03
FI	8.95	3.01	4.57	5.93	9.95	0.18	1.50
SE	12.69	1.02	2.19	16.52	18.51	0.54	-1.68
UK	68.75	66.35	38.84	18.16	8.39	0.76	1.04

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Inland Consumption

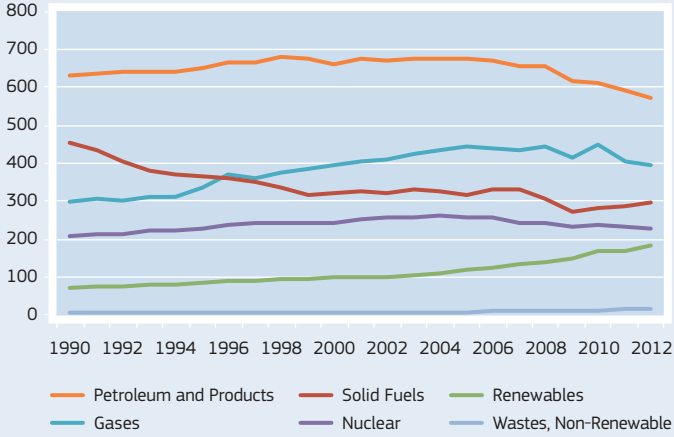
Renewables

	2012						
Mtoe	Renewables	Biomass and Renewable Wastes	Hydro	Wind	Solar	Geothermal	Tide, Wave and Ocean
EU-28	184.4	123.1	28.8	17.7	9.1	5.7	0.0
Share (%)	11.0 %	7.3 %	1.7 %	1.1 %	0.5 %	0.3 %	0.0 %
BE	3.34	2.87	0.03	0.24	0.20	0.00	0.00
BG	1.63	1.13	0.28	0.10	0.09	0.03	0.00
CZ	3.21	2.79	0.18	0.04	0.20	0.00	0.00
DK	4.23	3.30	0.00	0.88	0.04	0.01	0.00
DE	33.08	23.96	1.82	4.36	2.84	0.09	0.00
EE	0.86	0.82	0.00	0.04	0.00	0.00	0.00
IE	0.82	0.40	0.07	0.34	0.01	0.00	0.00
EL	2.46	1.40	0.38	0.33	0.33	0.02	0.00
ES	15.98	7.53	1.77	4.25	2.41	0.02	0.00
FR	21.09	14.11	5.05	1.28	0.42	0.19	0.04
HR	0.98	0.54	0.40	0.03	0.01	0.01	0.00
IT	20.84	9.35	3.60	1.15	1.78	4.96	0.00
CY	0.13	0.05	0.00	0.02	0.07	0.00	0.00
LV	1.65	1.32	0.32	0.01	0.00	0.00	0.00
LT	1.16	1.07	0.04	0.05	0.00	0.00	0.00
LU	0.14	0.12	0.01	0.01	0.00	0.00	0.00
HU	1.77	1.57	0.02	0.07	0.01	0.11	0.00
MT	0.01	0.01	0.00	0.00	0.00	0.00	0.00
NL	3.50	3.00	0.01	0.43	0.05	0.01	0.00
AT	10.11	5.90	3.77	0.21	0.20	0.03	0.00
PL	8.62	8.01	0.18	0.41	0.01	0.02	0.00
PT	4.39	2.79	0.48	0.88	0.10	0.13	0.00
RO	5.19	3.90	1.04	0.23	0.00	0.02	0.00
SI	1.04	0.65	0.33	0.00	0.02	0.03	0.00
SK	1.36	0.96	0.35	0.00	0.04	0.01	0.00
FI	9.95	8.45	1.45	0.04	0.00	0.00	0.00
SE	18.51	11.09	6.79	0.62	0.01	0.00	0.00
UK	8.39	5.99	0.45	1.68	0.26	0.00	0.00

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

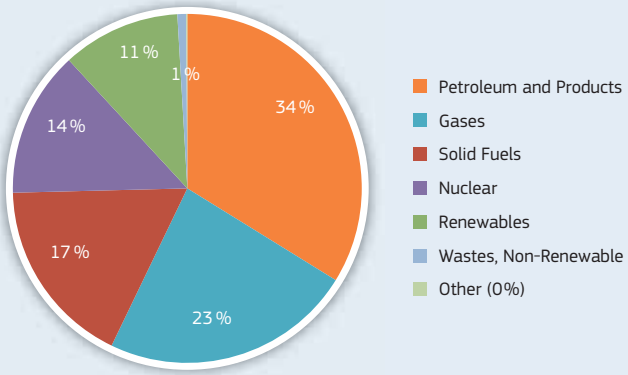
Gross Inland Consumption

By Fuel – EU-28 – 1990-2012 (Mtoe)



Gross Inland Consumption by Fuel – EU-28 – 2012 (% of Total)

Total = 1683 Mtoe



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

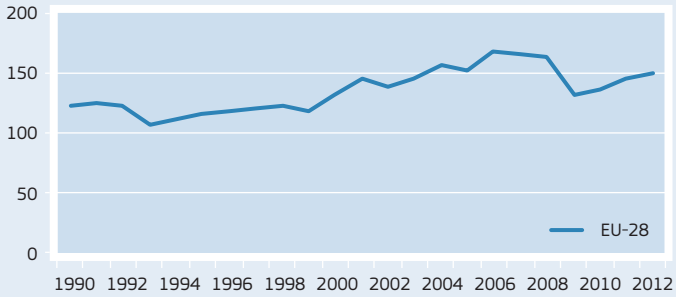
Imports

Imports – Solid Fuels

Total

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	116.2	131.7	153.5	136.3	146.0	150.6
Index 1995	100%	113%	132%	117%	126%	130%
BE	10.34	8.33	5.92	4.28	4.14	3.61
BG	2.42	2.38	2.57	1.75	2.04	1.55
CZ	1.84	1.04	1.35	2.23	2.20	1.84
DK	7.68	3.86	3.56	2.68	3.59	2.32
DE	12.26	22.20	26.57	32.55	33.34	33.27
EE	0.35	0.33	0.07	0.05	0.04	0.05
IE	1.90	1.70	1.91	0.96	1.42	1.33
EL	0.92	0.81	0.40	0.40	0.24	0.19
ES	8.67	13.35	14.83	7.85	9.52	12.96
FR	9.60	13.55	14.14	12.37	10.28	11.08
HR	0.15	0.48	0.62	0.70	0.69	0.55
IT	13.09	13.22	16.52	14.51	15.48	15.98
CY	0.01	0.03	0.04	0.01	0.00	0.00
LV	0.17	0.06	0.08	0.11	0.12	0.09
LT	0.16	0.08	0.17	0.21	0.27	0.23
LU	0.49	0.11	0.08	0.07	0.06	0.05
HU	1.65	1.21	1.45	1.41	1.31	1.27
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	11.52	14.06	13.02	12.82	15.01	14.98
AT	2.64	3.06	3.99	3.36	3.24	3.33
PL	1.08	1.02	2.15	8.27	8.86	5.89
PT	3.86	3.97	3.23	1.70	2.24	3.12
RO	3.07	1.93	2.96	1.28	1.15	1.27
SI	0.19	0.24	0.33	0.28	0.26	0.30
SK	4.18	3.47	3.90	3.22	3.20	3.20
FI	3.85	3.55	3.35	3.98	4.61	2.67
SE	2.80	2.43	2.58	2.57	2.37	1.73
UK	11.34	15.23	27.71	16.67	20.35	27.74

Imports – Solid Fuels – Total – 1990-2012 (Mtoe)



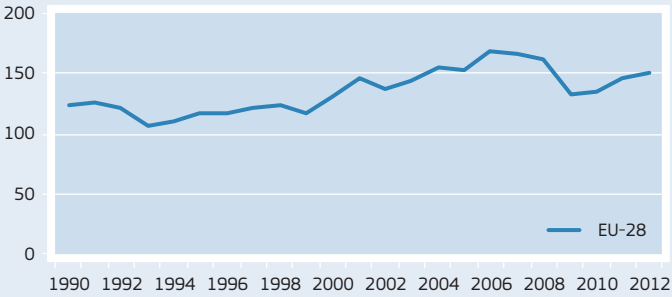
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Solid Fuels

Hard Coal

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	105.8	120.7	144.1	127.3	138.0	143.6
Index 1995	100%	114%	136%	120%	130%	136%
BE	9.43	7.46	5.70	4.09	3.87	3.36
BG	2.35	2.25	2.49	1.70	2.00	1.51
CZ	1.63	0.63	0.76	1.29	1.47	1.11
DK	7.65	3.82	3.54	2.67	3.57	2.30
DE	9.50	17.39	23.93	29.33	30.58	30.93
EE	0.05	0.06	0.04	0.05	0.04	0.05
IE	1.87	1.68	1.88	0.95	1.41	1.31
EL	0.92	0.81	0.40	0.40	0.23	0.18
ES	8.09	13.25	14.74	7.71	9.41	12.84
FR	8.91	12.49	13.00	11.41	9.37	10.36
HR	0.07	0.44	0.57	0.66	0.64	0.52
IT	12.58	12.87	15.94	14.50	15.45	15.98
CY	0.01	0.03	0.04	0.01	0.00	0.00
LV	0.16	0.05	0.07	0.11	0.11	0.09
LT	0.16	0.07	0.16	0.18	0.23	0.19
LU	0.13	0.10	0.07	0.06	0.05	0.05
HU	1.23	1.12	1.30	1.40	1.30	1.26
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	11.00	13.63	12.69	12.54	14.82	14.77
AT	2.05	2.34	3.00	2.47	2.32	2.49
PL	1.05	1.01	2.05	8.16	8.72	5.75
PT	3.84	3.97	3.22	1.70	2.24	3.12
RO	3.01	1.65	2.42	0.52	0.60	0.76
SI	0.14	0.19	0.29	0.23	0.21	0.24
SK	3.10	3.15	3.48	2.57	2.66	2.80
FI	3.67	3.20	3.00	3.68	4.28	2.43
SE	2.37	2.14	2.22	2.29	2.11	1.56
UK	10.87	14.90	27.09	16.58	20.31	27.59

Imports – Hard Coal – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Solid Fuels

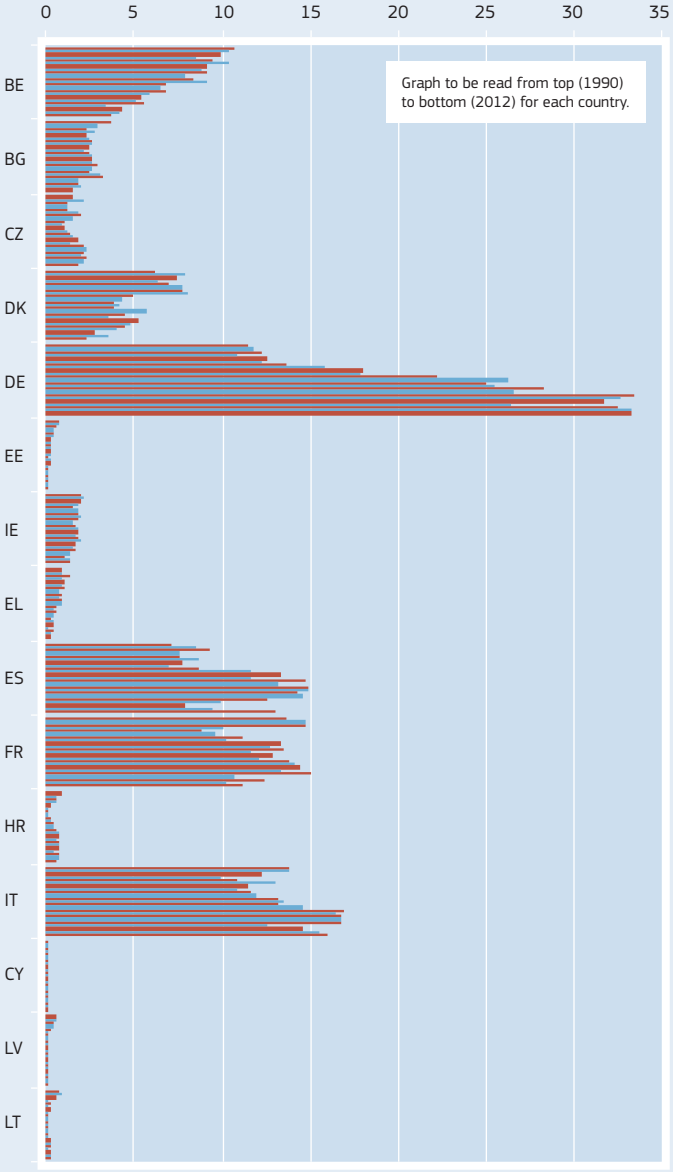
Ranking

Mtoe and %	1995			2012		
Top 10 Ranking	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Solid Fuels						
1	IT	13.1	11.3 %	DE	33.3	22.1 %
2	DE	12.3	10.6 %	UK	27.7	18.4 %
3	NL	11.5	9.9 %	IT	16.0	10.6 %
4	UK	11.3	9.8 %	NL	15.0	9.9 %
5	BE	10.3	8.9 %	ES	13.0	8.6 %
6	FR	9.6	8.3 %	FR	11.1	7.4 %
7	ES	8.7	7.5 %	PL	5.9	3.9 %
8	DK	7.7	6.6 %	BE	3.6	2.4 %
9	SK	4.2	3.6 %	AT	3.3	2.2 %
10	PT	3.9	3.3 %	SK	3.2	2.1 %
Top 5 Total		58.5	50.4 %		104.9	69.7 %
Total		116.2	100.0 %		150.6	100.0 %
Of which: Hard Coal						
1	IT	12.6	11.9 %	DE	30.9	21.5 %
2	NL	11.0	10.4 %	UK	27.6	19.2 %
3	UK	10.9	10.3 %	IT	16.0	11.1 %
4	DE	9.5	9.0 %	NL	14.8	10.3 %
5	BE	9.4	8.9 %	ES	12.8	8.9 %
6	FR	8.9	8.4 %	FR	10.4	7.2 %
7	ES	8.1	7.6 %	PL	5.7	4.0 %
8	DK	7.6	7.2 %	BE	3.4	2.3 %
9	PT	3.8	3.6 %	PT	3.1	2.2 %
10	FI	3.7	3.5 %	SK	2.8	2.0 %
Top 5 Total		53.4	50.4 %		102.1	71.1 %
Total		105.8	100.0 %		143.6	100.0 %

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Solid Fuels

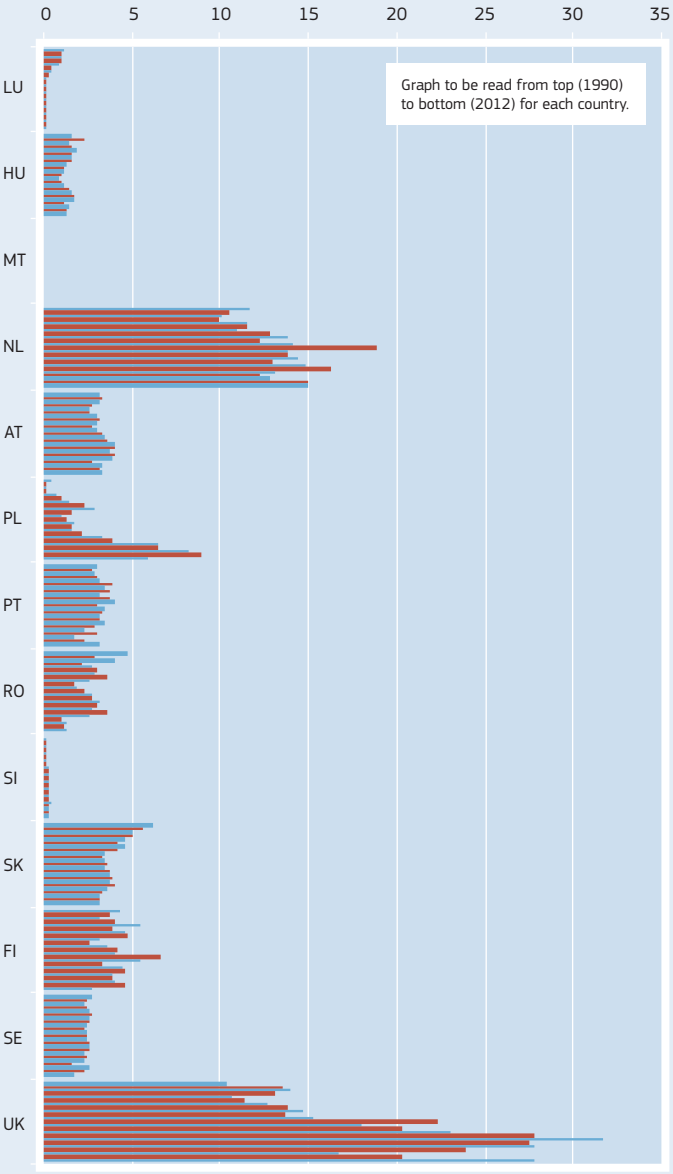
By Member State – BE-LT – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Solid Fuels

By Member State – LU-UK – 1990-2012 (Mtoe)



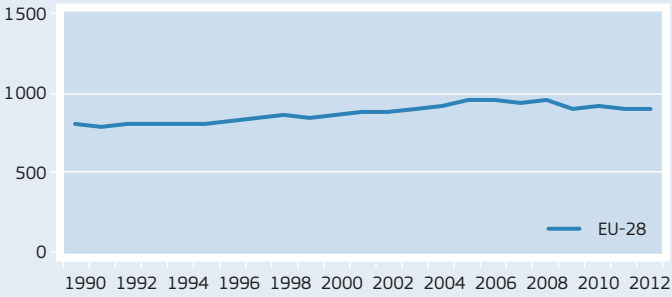
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Petroleum and Products

Total

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	801.8	870.1	954.3	918.5	897.4	904.3
Index 1995	100%	109%	119%	115%	112%	113%
BE	44.80	52.91	58.21	56.55	54.02	54.48
BG	7.96	5.97	7.55	7.60	7.22	7.94
CZ	8.88	8.58	10.90	10.54	10.12	10.10
DK	10.34	9.90	8.71	9.46	9.47	10.04
DE	146.77	147.99	147.38	128.39	122.84	125.19
EE	1.17	0.93	1.16	1.16	1.15	2.26
IE	6.75	9.39	9.89	9.11	8.75	8.32
EL	21.43	23.80	26.44	27.04	24.90	28.34
ES	67.51	78.17	87.72	80.31	79.18	78.74
FR	102.35	114.09	122.95	106.26	106.31	101.48
HR	4.51	4.22	5.55	4.94	4.59	4.04
IT	106.72	109.37	108.86	97.92	91.00	86.63
CY	2.01	2.52	2.78	2.90	2.63	2.60
LV	2.14	1.35	2.28	1.94	2.11	2.18
LT	5.32	5.41	9.61	10.22	10.35	10.28
LU	1.78	2.37	3.15	2.86	2.92	2.84
HU	7.59	7.09	8.79	8.37	8.07	7.54
MT	0.84	1.46	1.63	2.41	2.28	2.05
NL	90.77	106.45	125.39	149.88	145.80	151.68
AT	11.04	12.31	15.38	13.67	13.28	13.38
PL	15.42	20.98	24.45	28.70	29.61	29.62
PT	17.96	17.48	19.55	15.30	14.91	14.45
RO	11.18	6.30	9.88	8.46	8.20	7.99
SI	2.35	2.69	2.85	3.28	3.33	3.49
SK	5.11	6.01	6.92	6.67	7.15	6.47
FI	12.48	15.31	15.74	16.06	17.24	16.09
SE	26.90	27.93	27.30	27.94	27.37	27.38
UK	59.68	69.14	83.32	80.59	82.59	88.67

Imports – Petroleum and Products – Total – 1990-2012 (Mtoe)



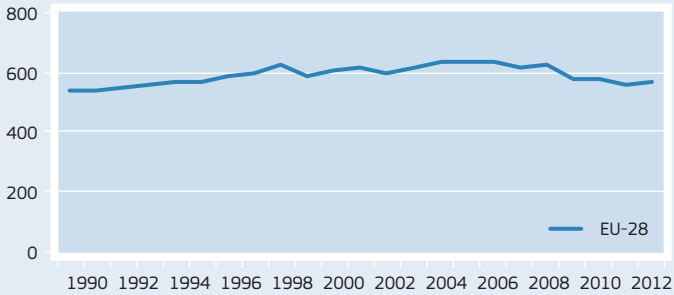
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Petroleum and Products

Crude and NGL

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	565.4	610.5	636.2	574.5	555.5	568.5
Index 1995	100 %	108 %	113 %	102 %	98 %	101 %
BE	26.34	34.04	31.61	33.25	29.77	31.55
BG	7.39	5.18	5.84	5.36	4.88	5.77
CZ	7.06	5.68	7.70	7.78	6.94	7.14
DK	5.44	3.78	2.72	2.75	3.07	3.79
DE	102.37	104.69	111.74	92.31	89.49	92.49
EE	0.00	0.00	0.00	0.00	0.00	0.00
IE	2.27	2.99	3.16	3.14	3.09	2.98
EL	15.51	19.60	18.92	20.39	16.67	21.37
ES	55.34	57.70	59.94	52.69	52.41	58.92
FR	78.65	86.84	85.42	65.21	65.37	57.59
HR	4.26	3.97	4.05	3.56	2.89	2.36
IT	73.81	83.27	89.91	79.64	73.39	70.02
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	9.08	8.65
LU	0.00	0.00	0.00	0.00	0.00	0.00
HU	5.89	5.88	6.25	5.67	5.84	5.44
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	60.76	61.20	62.88	61.38	57.36	58.38
AT	7.57	7.29	7.86	6.64	7.26	7.46
PL	11.95	17.48	17.74	22.52	23.49	24.42
PT	13.04	11.63	13.46	11.39	10.50	11.25
RO	8.31	4.76	8.86	6.11	5.75	5.26
SI	0.49	0.13	0.00	0.00	0.00	0.00
SK	5.08	5.74	5.46	5.30	5.85	5.21
FI	8.51	11.55	10.57	11.21	11.68	11.28
SE	19.50	21.97	19.49	19.62	18.71	20.26
UK	41.91	49.10	53.55	49.37	51.98	56.87

Imports – Crude and NGL – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Petroleum and Products

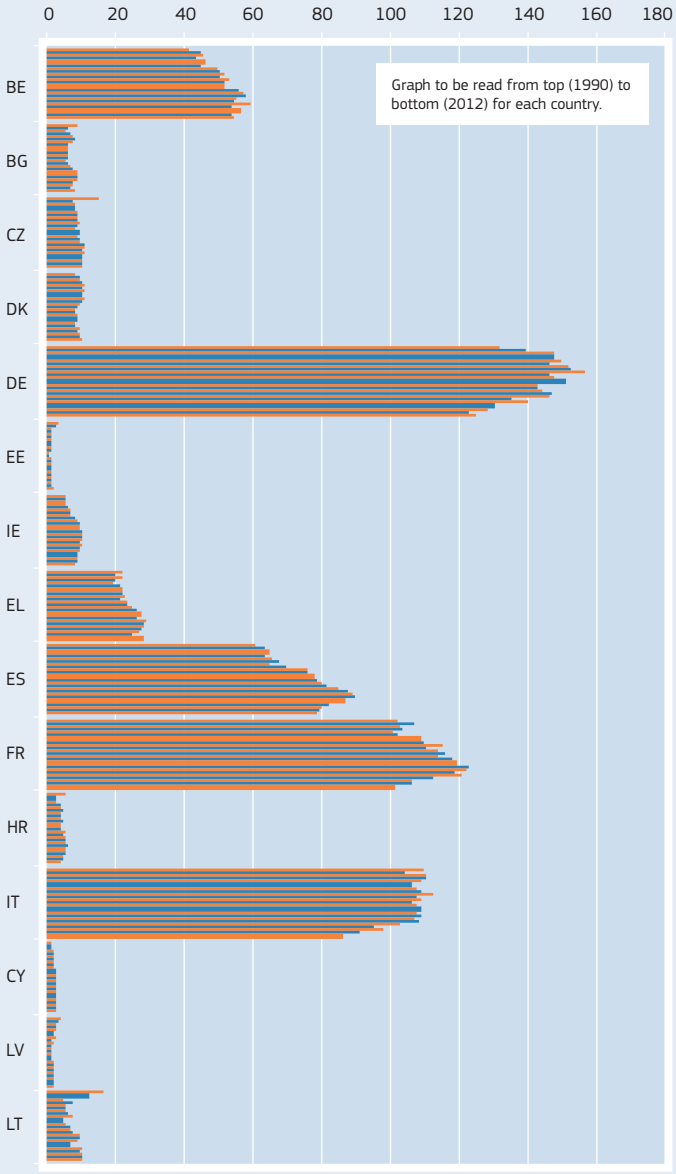
Ranking

Mtoe and %	1995			2012		
Top 10 Ranking	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Petroleum and Products						
1	DE	146.8	18.3 %	NL	151.7	16.8 %
2	IT	106.7	13.3 %	DE	125.2	13.8 %
3	FR	102.3	12.8 %	FR	101.5	11.2 %
4	NL	90.8	11.3 %	UK	88.7	9.8 %
5	ES	67.5	8.4 %	IT	86.6	9.6 %
6	UK	59.7	7.4 %	ES	78.7	8.7 %
7	BE	44.8	5.6 %	BE	54.5	6.0 %
8	SE	26.9	3.4 %	PL	29.6	3.3 %
9	EL	21.4	2.7 %	EL	28.3	3.1 %
10	PT	18.0	2.2 %	SE	27.4	3.0 %
Top 5 Total		514.1	64.1 %		553.7	61.2 %
Total		801.8	100.0 %		904.3	100.0 %
Of which: Crude Oil and NGL						
1	DE	102.4	18.1 %	DE	92.5	16.3 %
2	FR	78.6	13.9 %	IT	70.0	12.3 %
3	IT	73.8	13.1 %	ES	58.9	10.4 %
4	NL	60.8	10.7 %	NL	58.4	10.3 %
5	ES	55.3	9.8 %	FR	57.6	10.1 %
6	UK	41.9	7.4 %	UK	56.9	10.0 %
7	BE	26.3	4.7 %	BE	31.6	5.6 %
8	SE	19.5	3.4 %	PL	24.4	4.3 %
9	EL	15.5	2.7 %	EL	21.4	3.8 %
10	PT	13.0	2.3 %	SE	20.3	3.6 %
Top 5 Total		370.9	65.6 %		337.4	59.4 %
Total		565.4	100.0 %		568.5	100.0 %

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Petroleum and Products

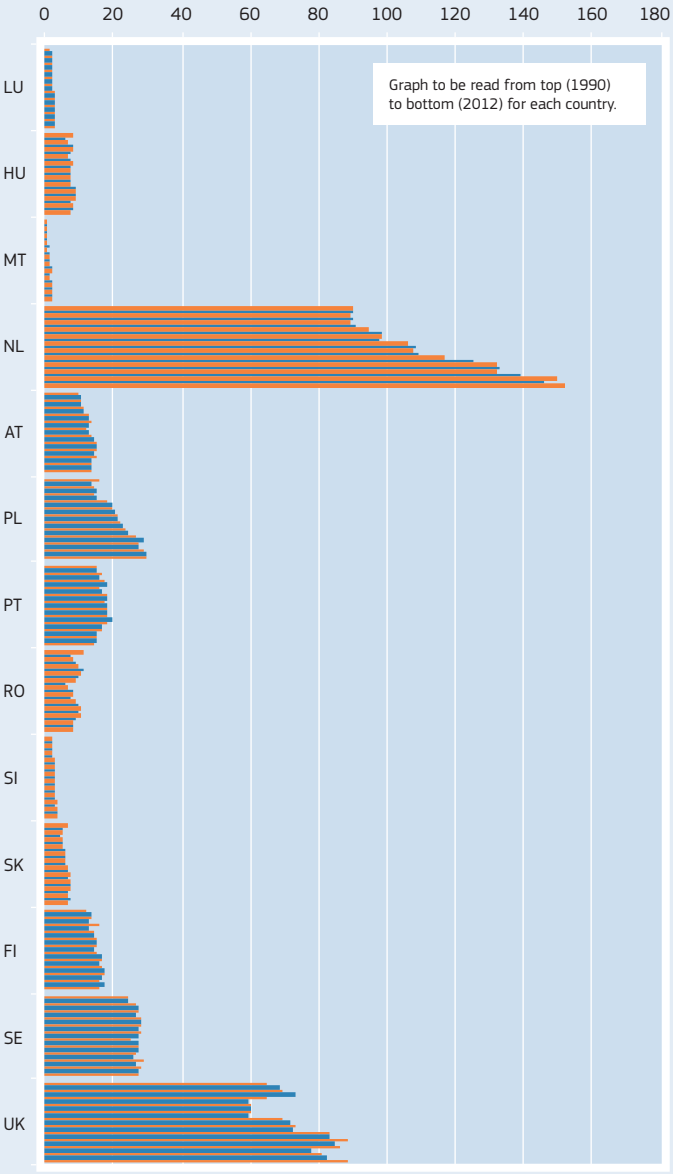
By Member State – BE-LT – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Petroleum and Products

By Member State – LU-UK – 1990-2012 (Mtoe)



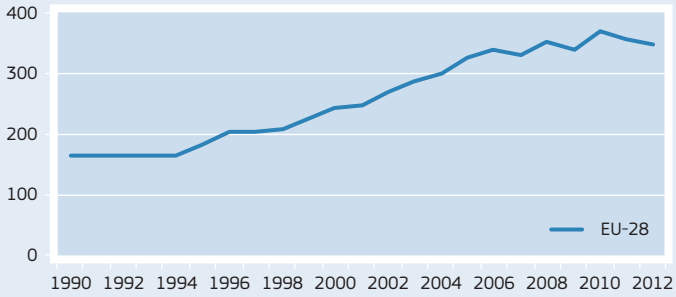
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Gases

Total

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	180.12	242.37	323.74	365.77	355.11	344.14
Index 1995	100 %	135 %	180 %	203 %	197 %	191 %
BE	10.42	13.28	14.82	19.55	18.67	14.17
BG	4.56	2.74	2.46	2.13	2.26	2.04
CZ	6.42	7.48	7.60	6.98	7.64	6.11
DK	0.00	0.00	0.00	0.14	0.74	0.78
DE	55.32	61.09	78.90	78.80	75.13	74.09
EE	0.58	0.66	0.80	0.56	0.50	0.55
IE	0.08	2.48	3.01	4.48	3.95	3.84
EL	0.00	1.69	2.33	3.23	3.97	3.67
ES	7.52	15.47	30.25	31.95	30.88	30.50
FR	28.11	36.46	41.62	42.11	41.64	42.36
HR	0.22	0.91	0.93	0.87	0.71	1.10
IT	28.56	47.05	60.16	61.72	57.63	55.47
CY	0.00	0.00	0.00	0.00	0.00	0.00
LV	1.00	1.11	1.43	0.90	1.41	1.38
LT	2.03	2.06	2.49	2.48	2.73	2.66
LU	0.56	0.67	1.18	1.20	1.03	1.05
HU	5.53	7.35	9.81	7.91	6.60	6.74
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	2.76	12.48	16.44	18.45	16.49	18.70
AT	5.42	5.27	8.03	10.30	11.09	11.63
PL	5.84	6.64	8.57	8.91	9.66	10.04
PT	0.00	2.04	3.89	4.50	4.53	3.92
RO	4.79	2.71	4.19	1.82	2.46	2.30
SI	0.75	0.82	0.93	0.86	0.74	0.71
SK	4.53	5.71	6.05	5.00	4.86	3.96
FI	2.84	3.42	3.60	3.84	3.36	3.01
SE	0.75	0.78	0.84	1.47	1.16	1.01
UK	1.51	2.01	13.42	45.62	45.23	42.35

Imports – Gases – Total – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Gases

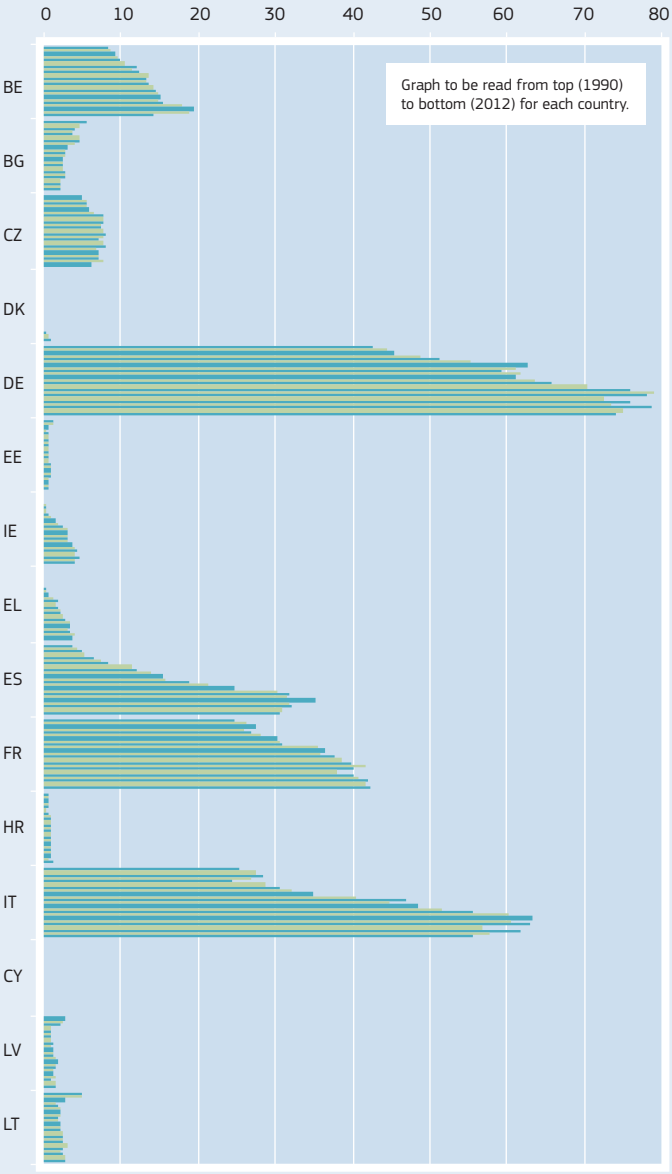
Ranking

Mtoe and %	1995			2012		
	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Gases						
1	DE	55.3	30.7 %	DE	74.1	21.5 %
2	IT	28.6	15.9 %	IT	55.5	16.1 %
3	FR	28.1	15.6 %	FR	42.4	12.3 %
4	BE	10.4	5.8 %	UK	42.4	12.3 %
5	ES	7.5	4.2 %	ES	30.5	8.9 %
6	CZ	6.4	3.6 %	NL	18.7	5.4 %
7	PL	5.8	3.2 %	BE	14.2	4.1 %
8	HU	5.5	3.1 %	AT	11.6	3.4 %
9	AT	5.4	3.0 %	PL	10.0	2.9 %
10	RO	4.8	2.7 %	HU	6.7	2.0 %
11	BG	4.6	2.5 %	CZ	6.1	1.8 %
12	SK	4.5	2.5 %	SK	4.0	1.2 %
13	FI	2.8	1.6 %	PT	3.9	1.1 %
14	NL	2.8	1.5 %	IE	3.8	1.1 %
15	LT	2.0	1.1 %	EL	3.7	1.1 %
16	UK	1.5	0.8 %	FI	3.0	0.9 %
17	LV	1.0	0.6 %	LT	2.7	0.8 %
18	SE	0.8	0.4 %	RO	2.3	0.7 %
19	SI	0.8	0.4 %	BG	2.0	0.6 %
20	EE	0.6	0.3 %	LV	1.4	0.4 %
21	LU	0.6	0.3 %	HR	1.1	0.3 %
22	HR	0.2	0.1 %	LU	1.1	0.3 %
23	IE	0.1	0.0 %	SE	1.0	0.3 %
24	DK	0.0	0.0 %	DK	0.8	0.2 %
25				SI	0.7	0.2 %
26				EE	0.5	0.2 %
27				CY	0.0	0.0 %
Top 5 Total		129.9	72.1 %		244.8	71.1 %
Total		180.1	100.0 %		344.1	100.0 %

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Gases

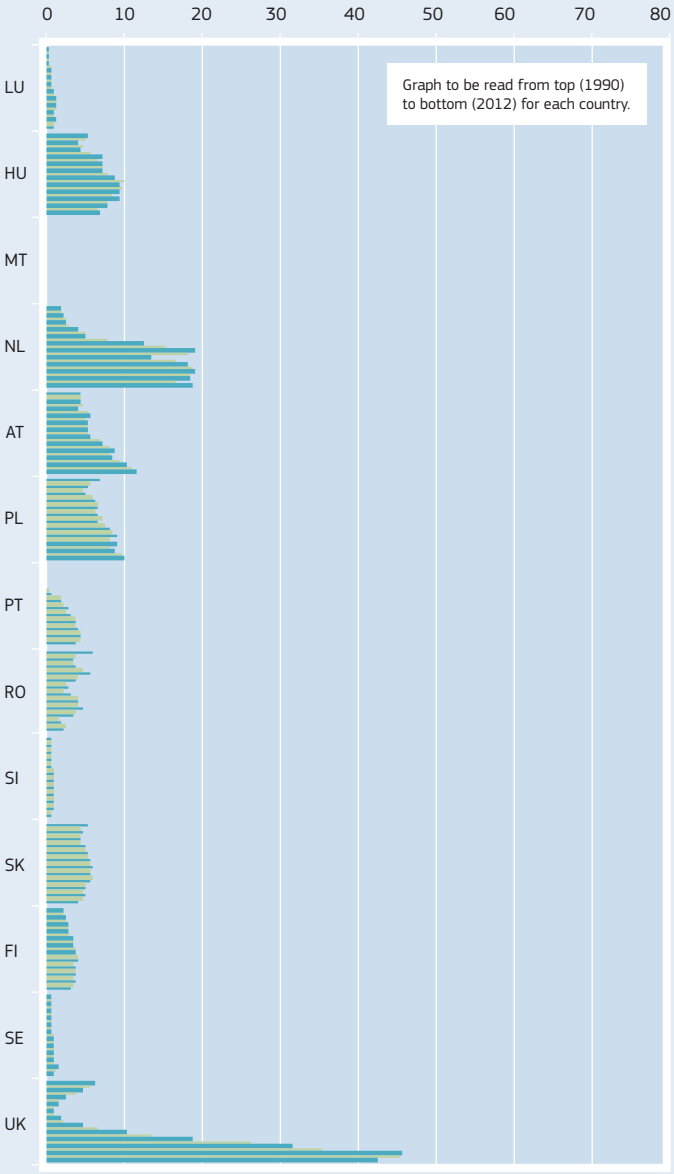
By Member State – BE-LT – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Gases

By Member State – LU-UK – 1990-2012 (Mtoe)

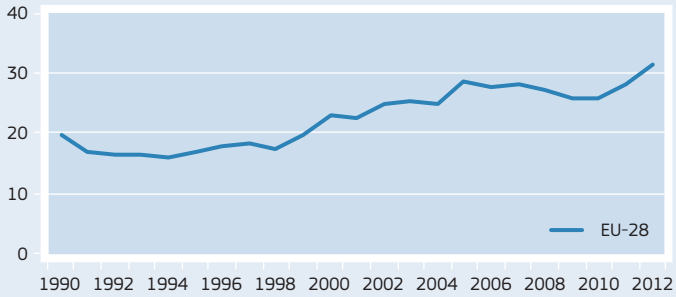


Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Electricity

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	17.0	22.9	28.8	25.7	28.4	31.2
Index 1995	100 %	135 %	170 %	151 %	167 %	184 %
BE	0.81	1.00	1.23	1.07	1.13	1.45
BG	0.17	0.08	0.07	0.10	0.12	0.20
CZ	0.58	0.75	1.06	0.57	0.90	1.00
DK	0.35	0.72	1.11	0.91	1.01	1.37
DE	3.42	3.88	4.89	3.69	4.39	3.98
EE	0.02	0.03	0.03	0.09	0.15	0.23
IE	0.00	0.01	0.18	0.07	0.06	0.07
EL	0.12	0.15	0.48	0.73	0.62	0.51
ES	0.66	1.05	0.88	0.45	0.68	0.67
FR	0.25	0.32	0.69	1.67	0.82	1.05
HR	0.38	0.38	0.75	1.07	1.20	1.13
IT	3.32	3.85	4.32	3.95	4.09	3.90
CY	0.00	0.00	0.00	0.00	0.00	0.00
LV	0.23	0.18	0.25	0.34	0.34	0.42
LT	0.45	0.44	0.49	0.70	0.70	0.69
LU	0.49	0.55	0.55	0.63	0.61	0.58
HU	0.28	0.82	1.34	0.85	1.26	1.46
MT	0.00	0.00	0.00	0.00	0.00	0.00
NL	1.03	1.97	2.04	1.34	1.77	2.76
AT	0.63	1.19	1.75	1.71	2.15	2.00
PL	0.37	0.28	0.43	0.54	0.58	0.84
PT	0.23	0.40	0.83	0.50	0.58	0.93
RO	0.06	0.07	0.20	0.07	0.29	0.34
SI	0.06	0.36	0.80	0.74	0.60	0.64
SK	0.30	0.51	0.69	0.63	0.97	1.16
FI	0.73	1.05	1.54	1.35	1.52	1.64
SE	0.66	1.57	1.25	1.28	1.07	1.00
UK	1.40	1.23	0.96	0.61	0.75	1.19

Imports – Electricity – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Electricity

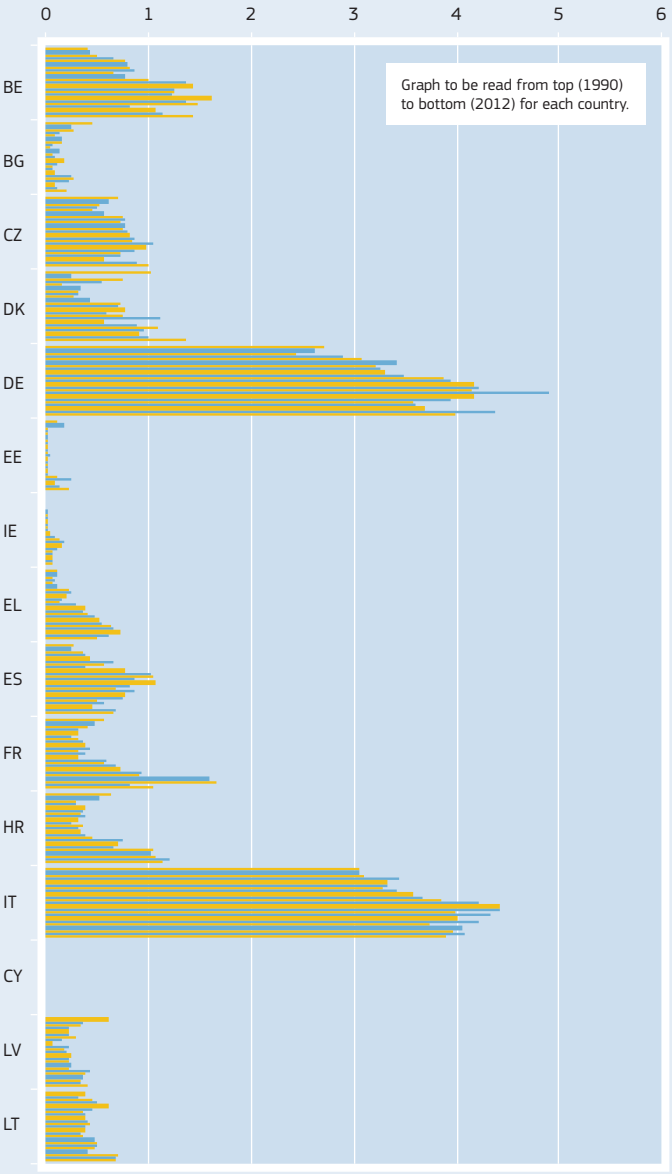
Ranking

Mtoe and %	1995			2012		
	MS	Imports	EU-28 Share	MS	Imports	EU-28 Share
Electricity						
1	DE	3.4	20.1 %	DE	4.0	12.7 %
2	IT	3.3	19.6 %	IT	3.9	12.5 %
3	UK	1.4	8.3 %	NL	2.8	8.9 %
4	NL	1.0	6.1 %	AT	2.0	6.4 %
5	BE	0.8	4.8 %	FI	1.6	5.3 %
6	FI	0.7	4.3 %	HU	1.5	4.7 %
7	SE	0.7	3.9 %	BE	1.4	4.6 %
8	ES	0.7	3.9 %	DK	1.4	4.4 %
9	AT	0.6	3.7 %	UK	1.2	3.8 %
10	CZ	0.6	3.4 %	SK	1.2	3.7 %
11	LU	0.5	2.9 %	HR	1.1	3.6 %
12	LT	0.5	2.7 %	FR	1.1	3.4 %
13	HR	0.4	2.2 %	SE	1.0	3.2 %
14	PL	0.4	2.2 %	CZ	1.0	3.2 %
15	DK	0.3	2.0 %	PT	0.9	3.0 %
16	SK	0.3	1.7 %	PL	0.8	2.7 %
17	HU	0.3	1.6 %	LT	0.7	2.2 %
18	FR	0.2	1.4 %	ES	0.7	2.1 %
19	PT	0.2	1.3 %	SI	0.6	2.1 %
20	LV	0.2	1.3 %	LU	0.6	1.9 %
21	BG	0.2	1.0 %	EL	0.5	1.6 %
22	EL	0.1	0.7 %	LV	0.4	1.4 %
23	RO	0.1	0.4 %	RO	0.3	1.1 %
24	SI	0.1	0.4 %	EE	0.2	0.7 %
25	EE	0.0	0.1 %	BG	0.2	0.6 %
26	IE	0.0	0.0 %	IE	0.1	0.2 %
27	CY	0.0	0.0 %	CY	0.0	0.0 %
Top 5 Total		10.0	58.7 %		14.3	45.8 %
Total		17.0	100.0 %		31.2	100.0 %

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Electricity

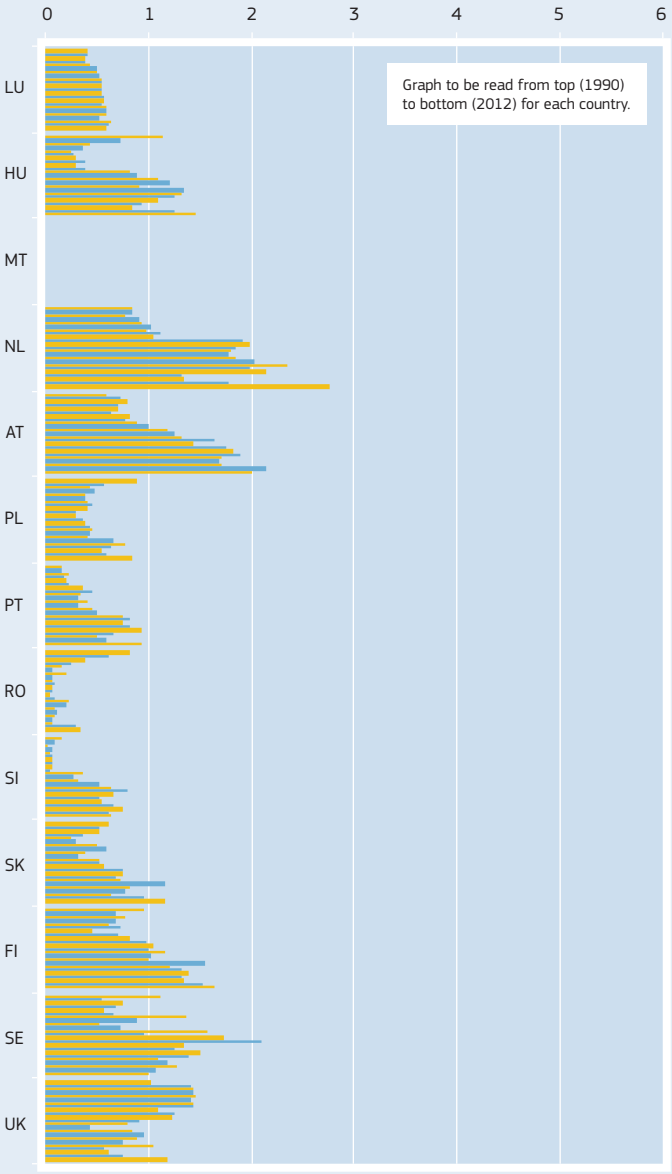
By Member State – BE-LT – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports – Electricity

By Member State – LU-UK – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports by Country of Origin

EU-28 – Hard Coal

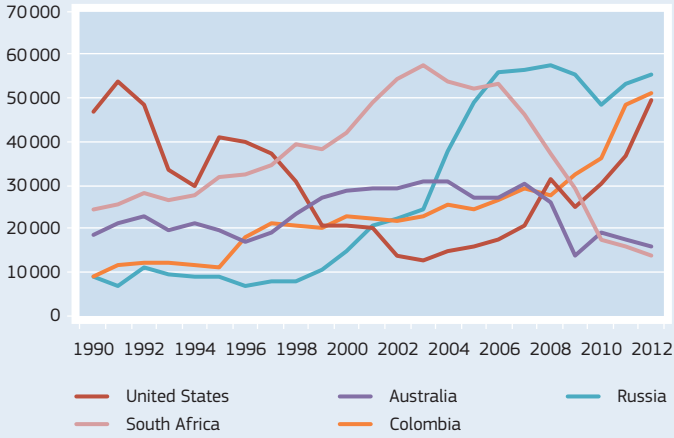
Top 15 Ordered by 2012 Volume

kton	1995	2000	2005	2010	2011	2012
Russia	8 800	14 971	48 780	48 680	53 086	55 481
Colombia	11 161	22 763	24 236	36 252	48 235	51 363
United States	41 118	20 665	15 736	30 518	36 470	49 712
Australia	19 533	28 608	27 119	19 251	17 714	16 054
South Africa	32 091	41 923	51 970	17 622	15 902	13 702
Indonesia	3 403	9 102	14 946	10 158	10 281	9 992
Not specified	6 603	5 229	3 358	7 594	8 811	9 908
Canada	4 237	6 378	6 642	3 637	4 461	3 610
Ukraine	348	2 058	4 229	3 178	4 403	2 826
Venezuela	2 821	3 621	2 003	685	1 083	1 079
Kazakhstan	262	0	932	332	588	615
Norway	329	928	1 124	1 385	1 152	600
Mozambique	0	107	0	0	99	99
China	2 443	1 853	587	61	119	72
Turkey	0	0	5	48	0	39
Other	421	606	253	112	83	19

kton						
Extra-EU	133 570	158 812	201 920	179 513	202 487	215 171
Intra-EU	30 108	31 206	26 520	21 871	18 105	15 652
Total Extra and Intra-EU	163 678	190 018	228 440	201 384	220 592	230 823

EU-28 – Imports from Extra-EU – Hard Coal – 1990-2012

Top 5 Ordered by 2012 Volume (kton)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports by Country of Origin

EU-28 – Crude Oil and NGL

Top 15 Ordered by 2012 volume

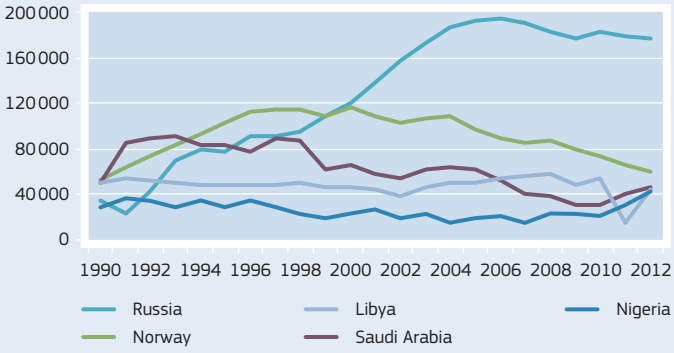
kton	1995	2000	2005	2010	2011	2012
Russia	76 319	120 185	191 514	182 941	179 205	177 169
Norway	102 203	115 904	97 610	73 428	65 625	60 577
Saudi Arabia	82 419	65 143	60 748	30 774	41 108	46 210
Libya	47 978	45 883	50 681	53 754	14 614	43 740
Nigeria	28 597	22 532	18 618	21 796	31 075	42 806
Kazakhstan	78	9 993	26 386	29 705	29 878	27 424
Iraq	0	31 331	12 290	16 952	18 197	21 536
Azerbaijan	0	3 712	7 255	22 922	25 043	20 241
Algeria	17 031	21 417	22 776	8 256	14 967	16 876
Angola	4 756	3 862	7 065	8 483	10 926	10 563
Mexico	7 246	9 770	10 647	6 783	7 192	9 104
Iran	52 467	35 475	35 611	29 679	29 495	6 572
Venezuela	9 923	6 946	6 989	5 002	4 605	6 195
Equatorial Guinea	0	0	510	553	746	6 056
Other African countries	143	3 035	4 789	4 761	6 972	5 076
Other	80 638	48 205	31 053	35 470	39 120	31 200

kton						
Extra-EU	509 798	543 393	584 542	531 259	518 768	531 345
Intra-EU	50 291	62 313	48 272	39 637	33 798	33 336
Total Extra and Intra-EU	560 089	605 706	632 814	570 896	552 566	564 681

Mio barrels						
Extra-EU	3 738	3 984	4 285	3 895	3 803	3 895
Intra-EU	369	457	354	291	248	244
Total Extra and Intra-EU	4 106	4 441	4 639	4 185	4 051	4 140

EU-28 – Imports from Extra-EU – Crude Oil and NGL – 1990-2012

Top 5 Ordered by 2012 Volume (kton)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Imports by Country of Origin

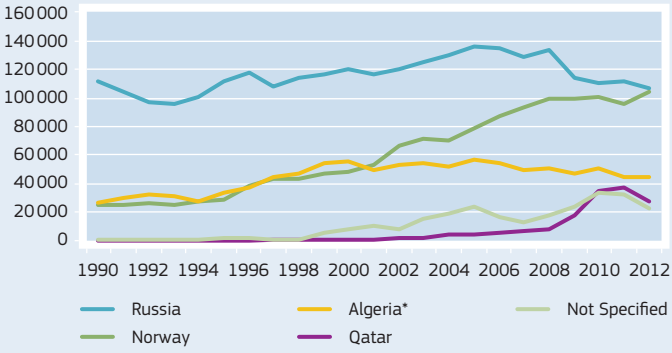
EU-28 – Natural Gas

Top 8 Ordered by 2012 Volume

TJ (GCV)	1995	2000	2005	2010	2011	2012
Russia	4 245 121	4 581 813	5 207 198	4 184 220	4 277 873	4 101 710
Norway	1 159 830	1 921 081	3 040 181	3 905 143	3 713 876	4 014 988
Algeria	1 362 649	2 203 075	2 256 826	1 986 351	1 767 006	1 737 510
Qatar	0	12 443	195 713	1 374 583	1 485 596	1 079 762
Not specified	58 588	332 289	937 105	1 334 034	1 260 606	857 664
Nigeria	0	172 020	436 319	576 077	589 290	455 339
Libya	54 497	33 442	209 499	381 660	92 597	246 469
Trinidad and Tobago	0	36 334	29 673	205 267	140 996	112 065
Other	47 267	49 082	475 679	234 911	227 691	219 200
Extra-EU	6 927 952	9 341 579	12 788 193	14 182 246	13 555 531	12 824 707
Intra-EU	1 451 229	1 933 316	2 272 283	2 833 534	2 963 968	3 184 622
Total Extra and Intra-EU	8 379 181	11 274 895	15 060 476	17 015 780	16 519 499	16 009 329
Mio m³						
Russia	112 122	120 732	136 290	109 923	111 590	106 760
Norway	28 929	47 813	79 189	100 785	96 157	103 919
Algeria*	33 698	55 607	57 075	50 340	44 678	43 932
Qatar	0	309	4 859	34 636	37 595	27 273
Not specified	1 473	8 126	23 827	33 969	32 429	22 254
Nigeria	0	4 385	10 586	14 015	14 372	11 148
Libya	1 353	830	5 445	9 980	2 425	6 469
Trinidad and Tobago	0	902	751	5 111	3 503	2 781
Other	1 184	1 272	11 962	5 851	5 663	5 472
Extra-EU*	**178 759**	**239 976**	**329 984**	**364 610**	**348 412**	**330 008**
Intra-EU	41 164	54 116	59 648	74 366	77 669	82 720
Total Extra and Intra-EU*	219 923	294 092	389 632	438 976	426 081	412 728

EU-28 – Imports from Extra-EU – Natural Gas – 1990-2012

Top 5 Ordered by 2012 Volume (Mio m³)



* DG ENERGY calculations
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Energy Import Dependency

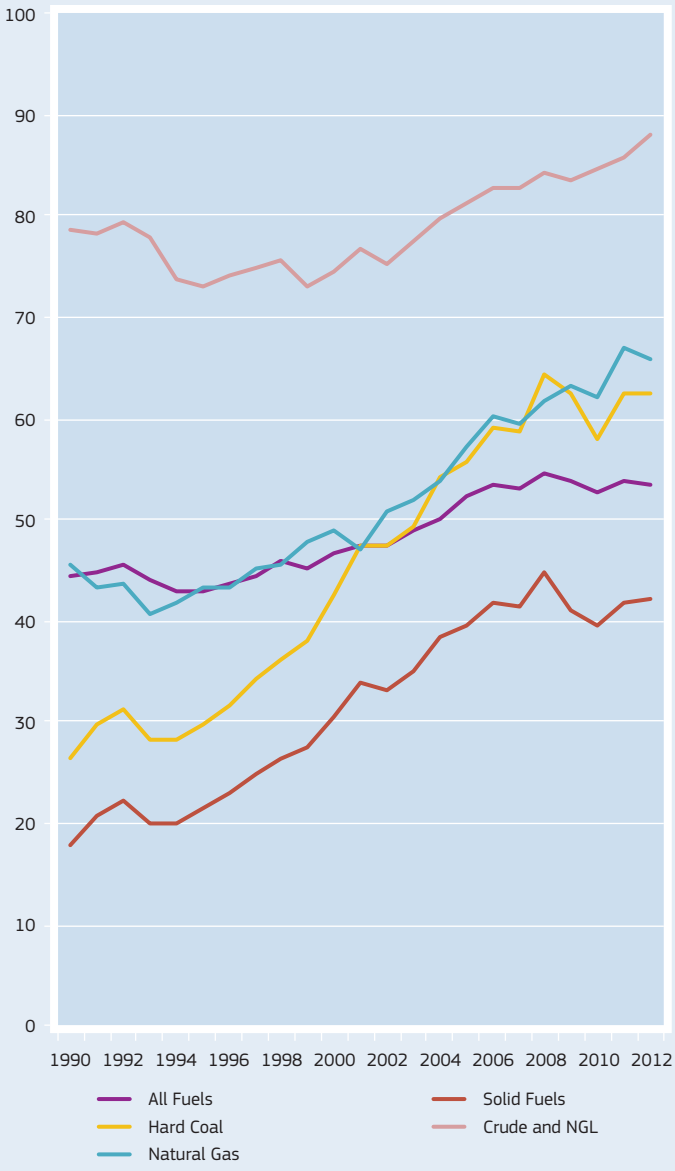
Import Dependency – All Fuels

%	1995	2000	2005	2010	2011	2012
Imports From Extra-EU						
EU-28	43.0	46.7	52.2	52.7	53.9	53.4
Index 1995	100.0	108.5	121.4	122.5	125.4	124.0
Intra and Extra-EU Imports						
BE	80.9	78.1	80.0	78.2	73.9	74.0
BG	55.9	46.0	46.7	39.6	36.0	36.1
CZ	20.6	22.8	28.0	25.5	27.7	25.2
DK	33.4	-35.1	-49.9	-16.1	-6.1	-3.4
DE	56.8	59.4	60.4	60.0	61.5	61.1
EE	32.4	32.2	26.1	13.7	12.1	17.1
IE	69.4	84.7	89.3	86.5	89.6	84.8
EL	66.7	69.5	68.6	69.1	65.0	66.6
ES	71.7	76.6	81.4	76.8	76.4	73.3
FR	48.0	51.5	51.7	49.1	48.7	48.1
HR	40.6	53.0	58.5	52.1	54.4	53.6
IT	81.9	86.5	84.5	84.3	81.8	80.8
CY	100.4	98.6	100.3	100.9	92.5	97.0
LV	70.4	61.0	63.9	44.3	59.9	56.4
LT	63.1	59.4	56.8	81.8	81.6	80.3
LU	97.7	99.6	97.3	97.0	97.2	97.4
HU	47.9	55.2	63.1	58.1	51.8	52.3
MT	104.7	100.2	99.9	99.1	100.7	100.5
NL	17.7	38.0	37.7	30.4	29.7	30.7
AT	66.4	65.4	71.3	62.2	70.1	63.6
PL	-1.2	9.8	17.2	31.2	33.4	30.7
PT	85.3	85.1	88.6	75.1	77.6	79.5
RO	30.3	21.8	27.6	21.9	21.6	22.7
SI	50.9	52.8	52.5	49.4	48.1	51.6
SK	68.5	65.5	65.3	62.9	64.1	60.0
FI	53.5	55.1	54.2	48.0	53.4	45.4
SE	38.9	40.7	36.8	36.6	36.2	28.7
UK	-16.4	-16.9	13.4	28.3	36.2	42.2

* Negative Rate Indicates a Net Exporter
Values Over 100% Indicate Stocks Build Up
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Import Dependency by Fuel

EU-28 – Imports from Extra-EU – 1990-2012 (%)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Import Dependency – Solid Fuels

%	1995	2000	2005	2010	2011	2012
Imports From Extra-EU						
EU-28	21.5	30.6	39.4	39.4	41.7	42.2
Index 1995	100.0	142.5	183.5	183.7	194.3	196.3
Intra and Extra-EU Imports						
BE	108.9	91.1	101.4	97.8	101.2	94.2
BG	31.7	35.1	37.0	24.7	24.4	21.4
CZ	-25.5	-21.8	-16.1	-16.1	-14.0	-13.0
DK	117.9	94.9	94.4	69.4	111.0	93.7
DE	11.2	25.5	31.7	40.1	41.5	40.0
EE	8.6	9.2	0.8	-0.4	-0.2	0.5
IE	64.8	64.7	70.8	47.8	68.9	55.4
EL	11.0	8.5	4.1	5.1	2.9	2.3
ES	45.4	61.3	70.1	85.1	69.8	76.5
FR	56.8	86.4	94.5	101.0	98.9	95.1
HR	85.9	111.0	91.3	102.5	98.4	87.9
IT	105.9	104.6	99.4	100.9	96.1	96.7
CY	100.0	99.9	93.7	85.1	3.5	100.0
LV	61.4	46.1	94.3	102.8	100.3	95.1
LT	63.9	87.4	93.9	91.3	104.9	89.2
LU	100.0	100.0	100.0	100.0	100.0	100.0
HU	29.5	28.2	42.8	41.9	37.6	36.8
MT						
NL	97.8	101.9	101.4	121.5	100.8	83.6
AT	75.7	83.9	99.3	99.9	93.1	102.6
PL	-30.2	-29.1	-23.9	-5.2	-1.1	-6.9
PT	105.8	102.9	96.3	98.3	97.3	103.3
RO	26.5	25.6	33.4	17.6	13.8	16.6
SI	13.6	18.7	21.0	19.2	17.5	21.5
SK	76.7	80.2	88.4	75.7	81.8	89.7
FI	63.4	68.9	67.7	57.8	80.9	57.7
SE	95.4	98.2	97.2	102.2	94.4	78.2
UK	22.2	39.6	72.1	51.8	64.1	69.5

* Negative Rate Indicates a Net Exporter
Values Over 100% Indicate Stocks Build Up
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Import Dependency – Hard Coal

%	1995	2000	2005	2010	2011	2012
Imports From Extra-EU						
EU-28	29.7	42.6	55.7	57.9	62.3	62.5
Index 1995	100.0	143.2	187.4	194.8	209.6	210.4
Intra and Extra-EU Imports						
BE	108.5	90.4	100.9	100.2	102.6	93.8
BG	73.0	100.5	94.8	88.2	102.9	107.2
CZ	-34.2	-56.1	-49.4	-58.0	-47.8	-47.5
DK	118.0	94.8	94.3	69.3	111.1	93.6
DE	17.1	39.2	57.5	73.7	79.9	79.1
EE	102.4	116.1	96.4	118.3	95.7	126.6
IE	105.9	93.2	100.8	79.3	111.1	90.3
EL	95.2	105.8	112.4	100.5	102.1	76.1
ES	48.5	66.8	74.4	85.0	70.0	77.6
FR	58.0	87.3	92.9	100.6	98.8	93.5
HR	74.6	112.8	90.6	102.6	98.5	87.3
IT	105.6	105.7	99.7	101.5	96.0	96.8
CY	100.0	99.9	93.7	84.9	0.0	
LV	92.9	82.5	96.7	106.6	102.3	99.3
LT	69.1	100.0	102.5	95.4	111.5	95.6
LU	100.0	100.0	100.0	100.0	100.0	100.0
HU	103.5	99.0	105.1	99.5	95.7	97.6
MT						
NL	97.4	101.5	100.3	122.3	101.4	83.9
AT	88.3	91.6	106.9	97.5	88.8	104.0
PL	-31.7	-29.9	-21.3	3.7	8.6	2.5
PT	105.9	103.4	96.3	98.3	97.3	103.3
RO	81.7	96.0	102.2	100.8	96.7	97.4
SI	100.0	100.6	93.7	101.4	94.6	117.9
SK	92.9	103.8	105.2	91.9	98.0	105.9
FI	89.0	97.7	102.6	85.5	126.2	85.8
SE	101.5	107.7	104.3	115.2	101.0	81.5
UK	21.8	39.4	71.5	52.0	63.7	69.8

* Negative Rate Indicates a Net Exporter
Values Over 100% Indicate Stocks Build Up
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Import Dependency – Petroleum and Products

%	1995	2000	2005	2010	2011	2012
Imports From Extra-EU						
EU-28	74.0	75.7	82.1	84.4	85.1	86.4
Index 1995	100.0	102.4	111.0	114.0	115.0	116.8
Intra and Extra-EU Imports						
BE	99.6	100.2	100.8	101.4	100.7	99.3
BG	99.6	95.4	102.2	101.0	97.7	96.9
CZ	98.0	95.3	97.5	96.4	95.2	95.3
DK	11.0	-80.8	-102.7	-43.9	-47.7	-34.8
DE	95.8	94.6	97.0	95.9	94.2	96.0
EE	80.2	77.4	70.8	57.5	56.1	60.0
IE	100.2	98.8	99.7	97.5	101.1	98.5
EL	98.4	100.2	97.7	98.6	93.8	101.3
ES	101.5	101.0	101.2	99.9	99.8	96.7
FR	96.9	99.5	99.4	97.6	97.9	97.9
HR	55.6	61.1	79.4	80.4	79.9	71.4
IT	93.3	96.1	91.8	93.5	91.0	90.1
CY	102.6	100.3	102.3	104.2	95.8	101.0
LV	102.6	94.8	102.2	94.4	101.8	101.7
LT	114.5	100.3	91.9	98.7	91.4	93.0
LU	98.3	102.1	99.4	99.4	99.6	100.5
HU	71.0	76.0	81.2	84.1	82.2	80.8
MT	104.8	100.3	100.0	99.2	100.8	100.8
NL	84.6	99.8	97.1	93.3	91.3	96.7
AT	89.3	89.1	91.4	89.3	91.2	91.5
PL	95.9	98.7	97.5	97.0	95.9	94.7
PT	100.6	99.4	102.3	97.5	100.8	100.9
RO	48.6	34.2	38.5	51.9	47.0	51.4
SI	97.8	101.5	101.3	100.0	100.1	105.0
SK	100.6	90.5	88.2	88.7	90.0	89.7
FI	94.7	103.5	98.4	89.4	97.3	92.5
SE	95.6	100.8	104.0	93.6	99.9	95.4
UK	-57.4	-54.9	-3.2	14.8	27.1	36.3

* Negative Rate Indicates a Net Exporter
Values Over 100% Indicate Stocks Build Up
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Import Dependency – Crude and NGL

%	1995	2000	2005	2010	2011	2012
Imports From Extra-EU						
EU-28	73.0	74.5	81.3	84.6	85.5	87.8
Index 1995	100.0	102.0	111.4	115.9	117.2	120.3
Intra and Extra-EU Imports						
BE	99.8	100.2	99.5	99.9	100.3	99.7
BG	99.7	98.7	97.7	99.1	98.2	99.8
CZ	100.2	95.3	99.3	97.5	97.3	97.3
DK	6.3	-120.5	-141.3	-68.8	-63.3	-31.2
DE	96.9	93.8	97.3	97.0	96.3	98.1
EE						
IE	100.2	89.8	98.9	101.6	100.7	95.9
EL	98.8	99.5	95.2	99.5	96.5	100.7
ES	99.1	100.6	100.1	99.3	99.7	99.3
FR	95.8	98.5	98.2	98.2	97.9	99.2
HR	69.2	72.1	78.9	82.2	83.8	74.3
IT	92.8	95.1	94.0	94.5	91.8	92.3
CY	96.3	98.5				
LV						
LT	99.5	94.5	95.3	99.0	98.3	98.8
LU						
HU	71.9	78.6	81.2	85.2	85.5	84.7
MT						
NL	93.8	97.7	96.7	97.6	95.9	97.2
AT	87.6	86.9	88.5	86.1	86.8	88.7
PL	97.1	99.1	97.3	98.4	97.2	97.1
PT	100.0	99.0	100.2	98.8	100.7	100.0
RO	54.9	43.5	61.3	56.5	55.1	56.6
SI	95.9	87.0				
SK	101.5	97.6	97.7	99.9	100.2	99.3
FI	94.1	101.5	97.5	101.1	98.9	100.9
SE	99.3	100.6	100.4	99.0	100.5	99.3
UK	-47.7	-48.0	-0.2	13.1	29.0	36.6

* Negative Rate Indicates a Net Exporter
Values Over 100% Indicate Stocks Build Up
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Import Dependency – Natural Gas

%	1995	2000	2005	2010	2011	2012
Imports From Extra-EU						
EU-28	43.4	48.9	57.1	62.1	67.1	65.8
Index 1995	100.0	112.7	131.6	143.3	154.8	151.8
Intra and Extra-EU Imports						
BE	98.2	99.3	100.6	98.8	100.6	98.6
BG	99.5	93.5	87.7	92.6	86.1	83.3
CZ	98.0	99.8	97.8	84.8	110.2	89.0
DK	-47.2	-64.8	-113.9	-68.3	-55.3	-54.2
DE	78.6	79.1	79.6	81.2	86.8	85.7
EE	100.0	100.0	100.0	100.0	100.0	100.0
IE	3.6	72.1	86.7	95.7	96.1	95.6
EL	0.0	99.1	99.1	99.9	100.0	100.3
ES	97.4	101.6	101.4	99.4	101.6	99.6
FR	93.0	100.0	99.3	93.0	103.3	96.6
HR	11.6	41.0	23.7	18.1	19.5	37.0
IT	63.9	81.1	84.7	90.5	90.2	90.2
CY						
LV	99.0	101.9	105.6	61.8	109.4	113.8
LT	100.0	100.0	100.6	99.7	100.3	100.1
LU	100.0	100.0	100.0	100.0	99.9	99.7
HU	60.3	75.4	81.1	78.7	65.6	72.9
MT						
NL	-76.4	-49.1	-59.3	-61.6	-68.6	-74.5
AT	84.8	80.6	87.7	74.4	103.2	86.3
PL	64.6	66.3	69.7	69.3	75.1	73.8
PT		100.3	103.8	100.4	101.6	99.7
RO	24.9	19.8	30.1	16.8	22.2	21.2
SI	100.6	99.3	99.6	99.3	99.8	99.8
SK	86.8	98.8	97.5	99.9	104.8	89.8
FI	100.0	100.0	100.0	100.0	100.0	100.0
SE	100.0	100.0	100.0	100.0	100.0	100.0
UK	1.0	-10.7	7.0	37.7	44.2	47.0

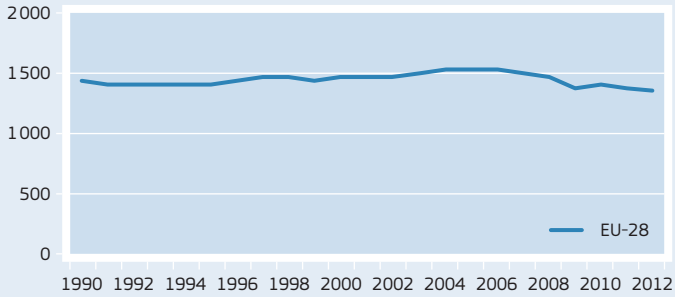
* Negative Rate Indicates a Net Exporter
Values Over 100% Indicate Stocks Build Up
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Energy Transformation

Transformation Input – All Fuels

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	1 416.2	1 455.0	1 527.8	1 396.7	1 371.7	1 357.0
Index 1995	100 %	103 %	108 %	99 %	97 %	96 %
BE	51.55	61.64	60.44	58.66	55.39	54.88
BG	23.49	18.20	20.19	18.85	19.77	19.19
CZ	33.10	30.72	35.46	35.00	34.26	34.60
DK	19.22	16.82	15.39	15.69	13.87	13.95
DE	268.82	264.63	276.12	250.75	238.99	242.61
EE	3.70	3.41	3.89	4.68	4.89	4.61
IE	6.30	8.33	8.06	7.70	7.10	7.36
EL	27.08	34.06	33.95	33.42	30.87	35.72
ES	94.09	106.42	114.63	102.19	103.29	110.32
FR	198.94	218.10	227.97	206.03	207.79	193.81
HR	6.53	6.67	6.85	5.68	5.19	5.32
IT	141.98	150.89	165.68	149.97	146.53	139.34
CY	1.48	2.06	1.08	1.18	1.14	1.09
LV	1.49	1.09	1.06	1.16	1.07	1.04
LT	8.46	8.85	13.94	11.29	11.13	10.79
LU	0.28	0.10	0.58	0.56	0.47	0.49
HU	20.05	18.95	18.80	19.50	18.83	18.13
MT	0.45	0.49	0.73	0.58	0.61	0.65
NL	101.47	104.09	111.18	85.78	83.19	81.29
AT	15.89	15.19	17.32	16.74	17.40	17.06
PL	68.92	69.26	69.60	75.94	77.33	77.67
PT	19.53	19.52	21.87	17.94	17.33	18.03
RO	36.90	26.90	29.77	23.88	24.92	23.17
SI	3.30	2.78	3.12	3.08	3.25	3.00
SK	14.26	15.55	16.64	15.01	15.74	14.89
FI	25.48	28.23	29.29	33.47	32.80	31.10
SE	45.28	44.24	46.58	45.86	43.48	46.55
UK	178.14	177.78	177.61	156.14	155.06	150.35

Transformation Input – All Fuels – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Transformation Input by Fuel

Mtoe	2012						
	Total, All Products	Solid Fuels	Petroleum and Products	Gases	Nuclear	Renewables	Wastes, non-RES
EU-28	1 357.0	278.5	663.5	125.4	227.7	51.7	9.1
Share (%)	100.0 %	20.5 %	48.9 %	9.2 %	16.8 %	3.8 %	0.7 %
BE	54.88	3.11	35.22	4.15	10.39	1.28	0.60
BG	19.19	7.37	6.67	1.02	4.09	0.02	0.00
CZ	34.60	16.40	7.77	1.69	7.85	0.82	0.06
DK	13.95	2.43	7.80	1.33	0.00	1.98	0.38
DE	242.61	79.66	104.32	19.18	25.66	10.68	3.11
EE	4.61	3.78	0.05	0.44	0.00	0.34	0.00
IE	7.36	1.81	3.15	2.26	0.00	0.11	0.02
EL	35.72	7.91	25.50	2.22	0.00	0.08	0.01
ES	110.32	14.66	65.42	11.33	15.86	2.87	0.18
FR	193.81	9.00	64.27	6.83	109.73	2.54	1.10
HR	5.32	0.50	3.93	0.84	0.00	0.04	0.00
IT	139.34	15.57	88.88	25.12	0.00	8.92	0.85
CY	1.09	0.00	1.08	0.00	0.00	0.01	0.00
LV	1.04	0.01	0.01	0.77	0.00	0.24	0.00
LT	10.79	0.01	9.36	1.03	0.00	0.32	0.00
LU	0.49	0.00	0.00	0.44	0.00	0.02	0.02
HU	18.13	2.98	7.83	2.68	4.09	0.51	0.05
MT	0.65	0.00	0.65	0.00	0.00	0.00	0.00
NL	81.29	7.81	58.79	10.56	1.01	2.07	0.75
AT	17.06	2.95	8.94	2.59	0.00	2.19	0.40
PL	77.67	45.46	26.74	2.82	0.00	2.62	0.03
PT	18.03	2.91	12.10	2.12	0.00	0.82	0.09
RO	23.17	6.71	10.51	2.90	2.96	0.09	0.00
SI	3.00	1.33	0.01	0.16	1.43	0.08	0.01
SK	14.89	3.10	6.04	1.15	4.05	0.53	0.02
FI	31.10	4.40	14.97	2.16	5.93	3.43	0.14
SE	46.55	1.81	22.04	0.52	16.52	4.97	0.54
UK	150.35	36.83	71.44	19.14	18.16	4.06	0.73

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Transformation Input by Sector

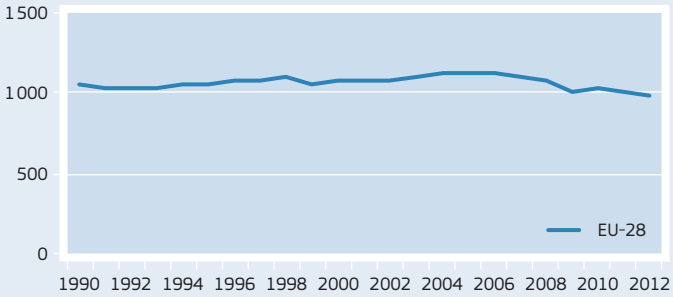
Mtoe	2012					
	Total, All Sectors	Conventional Thermal Power Stations	Nuclear Power Stations	District Heating Plants	Refineries, Petroleum and sub-products	Other Transformation Input Industry
EU-28	1 357.0	403.0	227.7	20.8	644.5	61.0
Share (%)	100.0 %	29.7 %	16.8 %	1.5 %	47.5 %	4.5 %
BE	54.88	6.96	10.39	0.03	35.19	2.31
BG	19.19	7.52	4.09	0.21	6.50	0.87
CZ	34.60	15.10	7.85	0.66	7.71	3.28
DK	13.95	5.40	0.00	0.89	7.65	0.01
DE	242.61	93.85	25.66	4.72	102.55	15.84
EE	4.61	2.91	0.00	0.45	0.00	1.26
IE	7.36	4.16	0.00	0.00	3.11	0.09
EL	35.72	11.44	0.00	0.00	24.28	0.00
ES	110.32	30.16	15.86	0.00	62.04	2.26
FR	193.81	15.03	109.73	1.52	63.14	4.37
HR	5.32	1.25	0.00	0.08	3.81	0.18
IT	139.34	51.68	0.00	0.13	83.03	4.50
CY	1.09	1.09	0.00	0.00	0.00	0.00
LV	1.04	0.73	0.00	0.30	0.00	0.01
LT	10.79	1.09	0.00	0.48	9.21	0.00
LU	0.49	0.48	0.00	0.00	0.00	0.00
HU	18.13	4.31	4.09	0.66	7.78	1.30
MT	0.65	0.65	0.00	0.00	0.00	0.00
NL	81.29	18.84	1.01	0.26	58.18	3.01
AT	17.06	5.26	0.00	0.89	8.87	2.04
PL	77.67	38.27	0.00	3.27	26.57	9.57
PT	18.03	6.29	0.00	0.00	11.70	0.04
RO	23.17	9.38	2.96	0.46	10.10	0.28
SI	3.00	1.52	1.43	0.06	0.00	0.00
SK	14.89	2.51	4.05	0.42	5.79	2.12
FI	31.10	7.52	5.93	1.58	14.66	1.41
SE	46.55	5.47	16.52	1.43	21.77	1.36
UK	150.35	54.10	18.16	2.31	70.90	4.87

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Transformation Output – All Fuels

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	1 045.7	1 078.1	1 129.4	1 022.4	1 000.1	985.7
Index 1995	100 %	103 %	108 %	98 %	96 %	94 %
BE	40.04	49.63	48.28	46.53	43.78	44.70
BG	15.81	11.40	12.61	11.58	11.85	11.91
CZ	21.84	19.55	22.47	21.76	20.86	20.91
DK	15.85	14.03	13.34	13.48	12.12	12.66
DE	190.24	188.45	199.84	177.68	171.78	173.45
EE	1.62	1.48	1.63	1.87	1.79	1.75
IE	3.74	5.28	5.25	5.16	4.91	5.04
EL	21.19	26.84	26.24	26.55	23.94	28.69
ES	71.54	79.39	85.48	78.39	77.83	82.57
FR	127.19	140.68	142.45	123.56	123.64	111.30
HR	6.03	6.03	6.09	5.08	4.50	4.56
IT	114.66	119.80	133.23	120.58	117.00	111.40
CY	1.05	1.47	0.38	0.46	0.41	0.39
LV	1.20	0.87	0.88	0.95	0.87	0.85
LT	6.03	7.11	11.81	10.97	11.00	10.63
LU	0.18	0.04	0.35	0.34	0.29	0.29
HU	14.19	13.35	13.43	14.00	13.54	12.99
MT	0.14	0.16	0.19	0.18	0.19	0.20
NL	93.18	96.20	102.29	75.68	74.00	72.30
AT	13.46	13.37	14.87	14.41	15.03	14.69
PL	46.70	47.86	48.36	54.97	55.63	56.27
PT	16.15	15.79	17.69	15.06	14.12	14.73
RO	28.82	20.70	23.79	17.54	17.48	16.23
SI	1.65	1.24	1.24	1.24	1.29	1.21
SK	9.96	11.03	12.17	11.17	11.70	10.82
FI	19.64	22.40	23.22	26.18	26.01	25.01
SE	32.79	33.76	33.26	34.49	32.19	34.59
UK	130.84	130.20	128.49	112.57	112.38	105.54

Transformation Output – All Fuels – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Transformation Output by Fuel

Mtoe	2012					
	Total, All Products	Solid Fuels	Petroleum and Products	Gases	Electricity	Derived Heat
EU-28	985.7	33.5	643.9	20.4	228.3	59.5
Share (%)	100.0 %	3.4 %	65.3 %	2.1 %	23.2 %	6.0 %
BE	44.70	1.31	35.18	0.88	6.56	0.76
BG	11.91	0.48	6.50	0.00	3.55	1.38
CZ	20.91	1.87	7.70	1.31	7.06	2.97
DK	12.66	0.00	7.64	0.00	1.75	3.27
DE	173.45	8.72	102.32	5.69	45.13	11.58
EE	1.75	0.02	0.00	0.16	0.99	0.58
IE	5.04	0.00	3.10	0.00	1.94	0.00
EL	28.69	0.00	24.27	0.00	4.37	0.05
ES	82.57	1.24	62.03	0.72	18.55	0.00
FR	111.30	2.25	63.06	1.58	41.38	3.03
HR	4.56	0.00	3.81	0.00	0.47	0.28
IT	111.40	2.85	82.97	1.44	19.19	4.94
CY	0.39	0.00	0.00	0.00	0.39	0.00
LV	0.85	0.00	0.00	0.00	0.20	0.64
LT	10.63	0.00	9.21	0.00	0.31	1.11
LU	0.29	0.00	0.00	0.00	0.22	0.07
HU	12.99	0.75	7.77	0.39	2.89	1.18
MT	0.20	0.00	0.00	0.00	0.20	0.00
NL	72.30	1.36	58.15	1.26	8.35	3.16
AT	14.69	0.94	8.85	1.02	1.90	1.98
PL	56.27	6.39	26.50	2.24	13.32	7.82
PT	14.73	0.00	11.68	0.00	2.52	0.51
RO	16.23	0.00	10.10	0.21	3.79	2.13
SI	1.21	0.00	0.00	0.00	0.99	0.23
SK	10.82	1.12	5.78	0.84	2.05	1.03
FI	25.01	0.61	14.66	0.50	4.55	4.69
SE	34.59	0.76	21.75	0.49	6.91	4.69
UK	105.54	2.86	70.84	1.65	28.79	1.40

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Transformation Output by Sector

	2012					
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	985.7	195.0	75.9	16.9	643.9	54.1
Share (%)	100.0 %	19.8 %	7.7 %	1.7 %	65.3 %	5.5 %
BE	44.70	3.84	3.46	0.01	35.18	2.19
BG	11.91	3.31	1.36	0.25	6.50	0.50
CZ	20.91	6.81	2.61	0.58	7.70	3.20
DK	12.66	4.12	0.00	0.90	7.64	0.00
DE	173.45	44.89	8.55	3.28	102.32	14.41
EE	1.75	1.22	0.00	0.35	0.00	0.18
IE	5.04	1.94	0.00	0.00	3.10	0.00
EL	28.69	4.42	0.00	0.00	24.27	0.00
ES	82.57	13.26	5.29	0.00	62.03	1.99
FR	111.30	6.79	36.58	1.05	63.06	3.83
HR	4.56	0.68	0.00	0.06	3.81	0.01
IT	111.40	24.04	0.00	0.09	82.97	4.30
CY	0.39	0.39	0.00	0.00	0.00	0.00
LV	0.85	0.61	0.00	0.24	0.00	0.01
LT	10.63	0.91	0.00	0.51	9.21	0.00
LU	0.29	0.29	0.00	0.00	0.00	0.00
HU	12.99	2.13	1.36	0.57	7.77	1.16
MT	0.20	0.20	0.00	0.00	0.00	0.00
NL	72.30	10.94	0.34	0.24	58.15	2.63
AT	14.69	3.14	0.00	0.74	8.85	1.95
PL	56.27	18.30	0.00	2.84	26.50	8.63
PT	14.73	3.03	0.00	0.00	11.68	0.01
RO	16.23	4.53	0.99	0.40	10.10	0.21
SI	1.21	0.68	0.48	0.06	0.00	0.00
SK	10.82	1.34	1.33	0.35	5.78	2.01
FI	25.01	5.80	1.98	1.47	14.66	1.11
SE	34.59	4.64	5.51	1.45	21.75	1.25
UK	105.54	22.73	6.05	1.40	70.84	4.51

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Final Energy

Available for Final Consumption

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	1 184.6	1 235.8	1 304.3	1 270.8	1 216.3	1 201.2
Index 1995	100 %	104 %	110 %	107 %	103 %	101 %
BE	39.99	44.67	44.35	46.33	45.50	43.63
BG	12.93	9.99	10.56	8.79	9.53	9.31
CZ	27.84	27.19	29.24	28.67	27.08	26.34
DK	15.05	15.04	15.49	15.78	14.99	14.73
DE	244.01	247.33	247.12	243.69	233.24	233.60
EE	2.98	2.66	2.98	2.99	2.73	2.87
IE	8.11	10.80	11.69	12.09	11.34	11.04
EL	16.40	19.08	21.39	19.66	18.85	18.41
ES	72.46	88.79	105.95	95.70	92.96	88.43
FR	156.84	166.29	177.38	171.21	161.12	163.94
HR	5.32	6.05	7.06	6.94	6.79	6.44
IT	124.85	133.74	142.62	133.51	130.21	124.32
CY	1.47	1.74	1.80	1.96	1.92	1.78
LV	3.93	3.28	4.11	4.31	3.94	4.11
LT	5.12	4.27	5.39	5.47	5.93	6.06
LU	3.17	3.55	4.53	4.36	4.33	4.21
HU	18.16	17.72	20.35	18.61	18.11	16.94
MT	0.41	0.44	0.41	0.51	0.47	0.48
NL	57.26	61.00	64.77	70.37	64.59	66.39
AT	22.74	25.43	29.90	30.27	29.22	29.20
PL	67.25	59.10	63.48	71.89	71.13	68.10
PT	15.91	20.21	21.69	19.81	19.01	17.50
RO	30.36	25.03	26.87	24.78	24.73	24.23
SI	4.23	4.70	5.23	5.15	5.10	4.99
SK	12.23	12.72	12.84	12.65	12.05	11.35
FI	21.84	24.94	26.64	27.64	26.58	25.89
SE	36.67	36.21	35.23	36.90	36.06	35.30
UK	157.11	163.80	165.28	150.81	138.84	141.59

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Final Energy Consumption

Total

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	1 078.7	1 131.0	1 188.5	1 159.8	1 108.0	1 104.5
Index 1995	100 %	105 %	110 %	108 %	103 %	102 %
BE	34.51	37.64	36.75	37.54	37.83	36.60
BG	11.42	9.11	10.15	8.84	9.26	9.24
CZ	26.07	24.78	26.03	25.41	24.53	24.06
DK	14.83	14.73	15.52	15.20	14.47	14.12
DE	221.62	219.99	218.50	220.47	209.25	213.08
EE	2.55	2.43	2.88	2.91	2.83	2.87
IE	7.98	10.77	12.63	11.94	10.97	10.72
EL	15.81	18.68	20.96	19.00	18.87	17.13
ES	64.03	79.90	97.77	89.08	86.67	83.13
FR	143.48	155.31	162.83	158.44	147.23	150.77
HR	4.49	5.37	6.35	6.35	6.19	5.91
IT	114.58	124.72	134.54	124.78	122.10	119.01
CY	1.42	1.64	1.82	1.92	1.91	1.76
LV	3.82	3.25	4.02	4.26	3.87	4.03
LT	4.59	3.77	4.60	4.75	4.71	4.83
LU	3.11	3.51	4.48	4.33	4.30	4.18
HU	16.23	16.14	18.22	16.60	16.17	14.81
MT	0.46	0.44	0.39	0.45	0.46	0.46
NL	48.02	50.50	51.65	53.94	50.74	51.13
AT	21.36	23.67	28.16	28.38	27.48	27.34
PL	62.94	55.74	58.33	66.33	63.87	63.64
PT	13.85	17.92	19.01	18.10	17.30	16.15
RO	26.97	22.77	24.71	22.59	22.77	22.70
SI	4.09	4.46	4.90	4.93	4.97	4.86
SK	11.03	10.98	11.56	11.55	10.77	10.35
FI	21.78	24.56	25.33	26.35	25.14	25.26
SE	35.05	34.97	33.66	34.08	32.40	32.38
UK	142.7	153.2	152.8	141.3	130.9	134.0

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Final Energy Consumption

By Sector

	2012					
Mtoe	Transport	Households	Industry	Services	Agriculture and Fishing	Other
EU-28	351.7	289.2	282.8	148.7	25.0	7.2
Share (%)	31.8%	26.2%	25.6%	13.5%	2.3%	0.7%
BE	9.92	7.44	13.26	4.37	0.66	0.93
BG	3.08	2.38	2.58	1.00	0.20	0.00
CZ	6.05	6.02	8.10	3.04	0.58	0.27
DK	4.61	4.40	2.29	1.94	0.87	0.01
DE	61.47	57.51	61.15	32.79	0.00	0.16
EE	0.79	0.97	0.57	0.42	0.11	0.00
IE	4.15	2.72	2.27	1.33	0.24	0.00
EL	6.38	5.04	3.00	2.23	0.32	0.16
ES	33.35	15.50	20.78	10.05	2.71	0.75
FR	50.27	42.08	29.58	22.55	4.50	1.80
HR	2.01	1.80	1.15	0.72	0.23	0.00
IT	39.45	31.33	29.31	15.93	2.82	0.16
CY	0.97	0.35	0.16	0.22	0.04	0.02
LV	1.05	1.38	0.83	0.62	0.15	0.00
LT	1.57	1.53	1.00	0.61	0.11	0.00
LU	2.58	0.43	0.60	0.54	0.02	0.00
HU	3.96	5.14	2.55	2.76	0.40	0.00
MT	0.28	0.08	0.05	0.05	0.00	0.01
NL	14.80	10.29	13.86	8.67	3.51	0.00
AT	8.44	6.63	9.11	2.60	0.57	0.00
PL	17.30	19.60	14.86	8.19	3.68	0.00
PT	6.45	2.71	4.74	1.81	0.41	0.02
RO	5.35	8.06	6.79	1.76	0.50	0.24
SI	1.91	1.19	1.20	0.46	0.08	0.02
SK	2.34	2.07	4.34	1.45	0.14	0.00
FI	4.81	5.42	10.91	1.94	0.78	1.40
SE	8.33	7.40	11.67	4.52	0.46	0.00
UK	50.06	39.69	26.02	16.10	0.86	1.25

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Final Energy Consumption

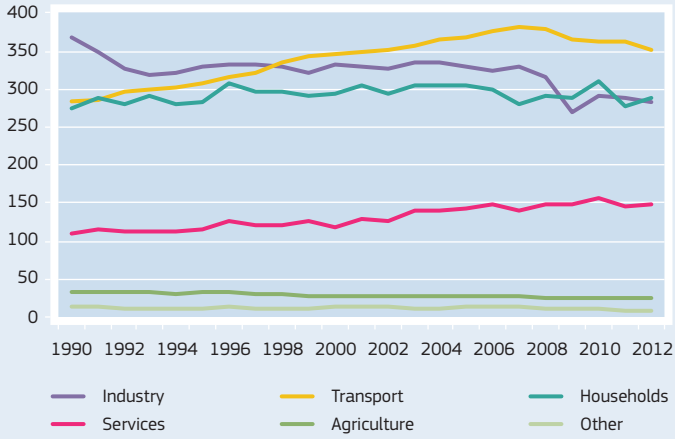
By Fuel

	2012						
Mtoe	Petroleum and Products	Gases	Electricity	Renewables	Derived Heat	Solid Fuels	Wastes, Non-Renewable
EU-28	431.3	252.8	240.6	79.4	48.3	47.4	4.6
Share (%)	39.0 %	22.9 %	21.8 %	7.2 %	4.4 %	4.3 %	0.4 %
BE	13.79	10.45	7.13	1.60	0.50	1.27	1.85
BG	3.10	1.18	2.39	1.16	0.99	0.42	0.01
CZ	6.23	5.88	4.87	1.98	2.13	2.80	0.16
DK	5.73	1.57	2.70	1.38	2.58	0.14	0.02
DE	80.96	52.87	45.21	13.16	10.36	9.62	0.90
EE	0.98	0.22	0.60	0.48	0.49	0.10	0.00
IE	6.09	1.68	2.08	0.32	0.00	0.52	0.03
EL	9.89	0.97	4.47	1.52	0.05	0.23	0.00
ES	40.07	14.91	20.66	6.23	0.00	1.25	0.00
FR	65.36	29.53	37.33	11.79	2.50	4.12	0.14
HR	2.65	1.05	1.32	0.52	0.23	0.13	0.01
IT	45.23	35.66	25.52	5.55	3.43	3.40	0.22
CY	1.28	0.00	0.38	0.10	0.00	0.00	0.00
LV	1.28	0.40	0.59	1.09	0.53	0.08	0.06
LT	1.63	0.55	0.77	0.75	0.90	0.23	0.00
LU	2.79	0.61	0.54	0.10	0.07	0.05	0.01
HU	4.14	5.15	2.82	1.18	0.99	0.48	0.03
MT	0.30	0.00	0.16	0.00	0.00	0.00	0.00
NL	17.88	19.75	9.16	0.90	1.92	1.54	0.00
AT	9.80	4.98	5.42	3.92	1.82	1.12	0.28
PL	19.89	9.23	10.55	5.42	5.96	12.01	0.58
PT	7.85	1.61	3.98	2.19	0.35	0.02	0.15
RO	6.70	6.17	3.64	3.85	1.50	0.80	0.03
SI	2.36	0.55	1.08	0.61	0.18	0.05	0.02
SK	2.25	3.41	2.06	0.44	0.76	1.40	0.03
FI	7.22	0.92	6.94	5.04	4.28	0.81	0.04
SE	8.98	0.78	10.94	6.12	4.50	1.05	0.00
UK	56.82	42.76	27.31	2.04	1.23	3.80	0.04

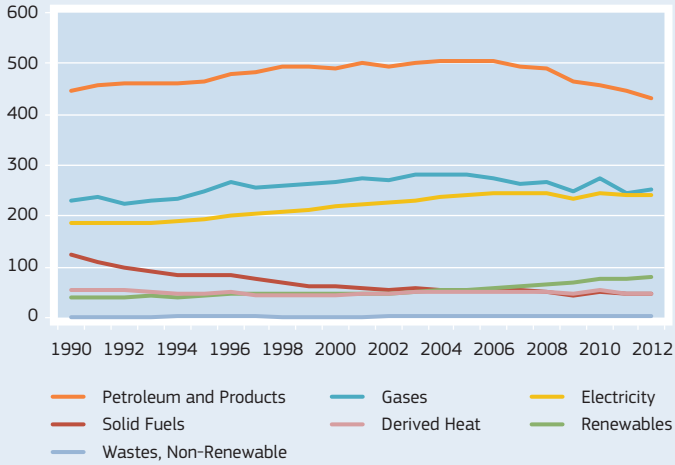
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Final Energy Consumption

By Sector – EU-28 – 1990-2012 (Mtoe)



By Fuel – EU-28 – 1990-2012 (Mtoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Final Non-Energy Consumption

Total

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	105.5	110.3	113.7	106.2	103.1	98.6
Index 1995	100 %	105 %	108 %	101 %	98 %	94 %
BE	5.82	6.74	7.52	8.27	7.70	7.59
BG	1.23	0.98	0.85	0.42	0.51	0.46
CZ	2.32	2.08	2.94	2.78	2.61	2.71
DK	0.32	0.30	0.29	0.26	0.30	0.27
DE	23.62	25.06	24.66	22.58	22.38	21.82
EE	0.18	0.18	0.23	0.09	0.07	0.09
IE	0.55	0.55	0.30	0.26	0.27	0.27
EL	0.49	0.72	0.76	1.11	0.88	0.69
ES	7.87	9.40	8.35	7.03	6.77	5.98
FR	15.86	16.18	14.70	12.15	12.33	11.96
HR	0.83	0.68	0.72	0.60	0.60	0.53
IT	9.73	8.43	8.61	9.56	9.19	7.88
CY	0.06	0.08	0.07	0.08	0.07	0.04
LV	0.04	0.07	0.10	0.07	0.10	0.10
LT	0.54	0.66	0.80	0.71	1.22	1.23
LU	0.05	0.04	0.02	0.03	0.03	0.03
HU	1.63	1.59	2.17	1.97	1.98	1.88
MT	0.00	0.00	0.02	0.01	0.01	0.01
NL	9.25	10.49	13.01	15.48	13.93	14.67
AT	1.38	1.72	1.72	1.85	1.70	1.86
PL	3.71	4.36	4.57	4.91	4.96	4.65
PT	2.08	2.39	2.59	1.73	1.76	1.32
RO	1.24	1.88	2.47	1.47	1.73	1.73
SI	0.12	0.24	0.31	0.21	0.12	0.12
SK	0.93	1.36	1.28	1.05	1.23	0.97
FI	1.12	1.04	1.15	1.22	1.13	1.04
SE	1.99	1.73	2.29	2.11	1.93	1.82
UK	12.49	11.33	11.21	8.19	7.57	6.92

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Primary Energy Intensity

Total

Mtoe	1995	2000	2005	2010	2011	2012
EU-28	1 565.6	1 616.6	1 710.5	1 653.5	1 596.4	1 584.8
Index 1995	100 %	103 %	109 %	106 %	102 %	101 %
BE	48.12	52.41	51.22	52.76	51.97	48.73
BG	21.46	17.54	18.91	17.35	18.58	17.77
CZ	39.36	39.09	42.18	41.95	40.62	40.08
DK	19.90	19.45	19.29	19.88	18.45	17.87
DE	317.95	317.21	317.19	311.09	294.74	297.63
EE	5.35	4.80	5.39	6.07	6.12	6.03
IE	10.49	13.75	14.74	14.87	13.72	13.58
EL	23.37	27.57	30.65	27.62	26.91	27.06
ES	94.20	114.25	135.87	122.83	121.44	121.31
FR	225.91	241.43	261.67	254.97	245.51	246.43
HR	6.26	7.14	8.22	7.97	7.93	7.59
IT	152.03	165.79	178.86	165.20	162.80	155.34
CY	1.89	2.32	2.47	2.64	2.61	2.47
LV	4.58	3.79	4.49	4.69	4.28	4.44
LT	8.09	6.40	7.91	6.07	5.78	5.86
LU	3.28	3.60	4.77	4.61	4.53	4.42
HU	24.55	23.71	25.44	23.84	23.12	21.68
MT	0.76	0.80	0.95	0.94	0.91	0.83
NL	63.42	65.08	68.46	71.13	66.28	67.11
AT	25.70	27.26	32.64	32.75	31.95	31.79
PL	95.12	84.64	87.97	96.01	96.26	93.33
PT	18.55	22.89	24.89	22.55	21.86	20.88
RO	45.07	34.77	36.74	34.33	34.83	33.64
SI	5.95	6.21	7.02	7.02	7.16	6.88
SK	16.79	16.94	17.75	16.81	16.18	15.74
FI	28.16	31.39	33.37	35.84	34.38	33.05
SE	49.48	47.17	48.70	48.67	47.78	47.97
UK	209.76	219.23	222.78	203.03	189.72	195.37

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

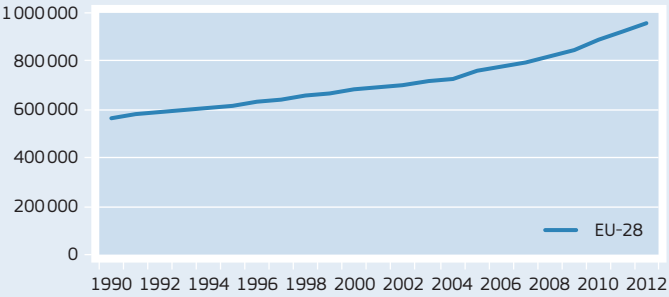
Electricity

Installed Electricity Capacity

Total

MW	1995	2000	2005	2010	2011	2012
EU-28*	618 507	681 093	758 149	884 763	922 886	952 137
Index 1995	100 %	110 %	123 %	143 %	149 %	154 %
BE	14 917	15 685	16 096	18 322	20 098	20 765
BG	1 975	11 085	12 260	10 027	10 236	11 637
CZ	13 803	15 323	17 406	19 829	20 181	20 447
DK	10 841	12 316	13 035	13 438	13 587	14 072
DE	116 226	118 884	128 612	162 698	175 896	177 291
EE		2 800	2 559	2 751	2 825	2 923
IE	4 060	4 707	6 270	8 525	8 791	8 770
EL	8 942	10 904	13 306	15 312	16 524	22 307
ES	45 621	53 924	76 574	101 788	102 806	105 164
FR	107 616	114 684	115 787	124 550	127 263	129 243
HR	2 072	2 079	3 866	4 121	4 178	4 222
IT	65 923	75 510	85 498	106 488	118 443	124 234
CY	690	988	1 125	1 565	1 742	1 735
LV	2 068	2 092	2 166	2 557	2 577	2 660
LT	5 866	5 716	4 556	3 570	3 691	4 237
LU	1 250	1 217	1 682	1 711	1 741	1 788
HU	7 404	8 282	8 586	8 993	9 654	9 400
MT			571	571	578	590
NL	19 034	21 062	21 800	26 686	28 049	29 920
AT	17 394	17 802	18 898	21 187	22 556	22 917
PL	29 482	30 559	32 257	33 360	34 554	35 283
PT	9 384	10 908	13 374	18 931	19 925	19 752
RO	5 998	6 120	18 951	19 912	20 499	21 767
SI	2 518	2 614	2 992	3 193	3 268	3 351
SK	7 238	7 454	8 257	7 873	8 363	8 412
FI	14 434	16 261	16 468	16 693	16 763	16 908
SE	33 625	33 724	33 390	36 454	35 227	37 843
UK	70 125	78 393	82 378	93 658	92 871	94 499

Installed Electricity Capacity – Total – 1990-2012 (MW)



* No complete EU-28 data available for 1990-2000
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Installed Electricity Capacity

By Fuel

	2012						
MW	Installed Electricity Capacity	Combustible Fuels	Hydro	Nuclear	Wind	Solar PV	Other Sources
EU-28	952 137	495 193	148 931	123 201	106 289	68 702	9 821
Share (%)	100.0 %	52.0 %	15.6 %	12.9 %	11.2 %	7.2 %	1.0 %
BE	20 765	9 469	1 424	5 927	1 364	2 581	0
BG	11 637	4 912	3 129	1 906	677	1 013	0
CZ	20 447	11 915	2 212	4 040	258	2 022	0
DK	14 072	9 501	9	0	4 163	399	0
DE	177 291	89 649	11 257	12 068	31 304	32 641	372
EE	2 923	2 649	8	0	266	0	0
IE	8 770	6 278	529	0	1 763	0	200
EL	22 307	11 226	3 236	0	1 753	1 536	4 556
ES	105 164	49 786	18 550	7 450	22 775	4 603	2 000
FR	129 243	27 764	25 367	63 130	7 517	3 953	1 512
HR	4 222	1 897	2 141	0	180	4	0
IT	124 234	76 793	21 880	0	8 102	16 420	1 039
CY	1 735	1 561	0	0	147	17	10
LV	2 660	1 023	1 576	0	59	0	2
LT	4 237	3 054	876	0	275	7	25
LU	1 788	522	1 134	0	58	74	0
HU	9 400	7 007	56	2 000	325	12	0
MT	590	571	0	0	0	19	0
NL	29 920	26 518	37	510	2 433	365	57
AT	22 917	8 161	13 076	0	1 316	363	1
PL	35 283	30 367	2 351	0	2 564	1	0
PT	19 752	9 360	5 717	0	4 412	238	25
RO	21 767	11 945	6 548	1 411	1 822	41	0
SI	3 351	1 267	1 254	688	0	142	0
SK	8 412	3 416	2 522	1 939	3	513	19
FI	16 908	10 695	3 198	2 750	257	8	0
SE	37 843	8 362	16 414	9 436	3 607	24	0
UK	94 499	69 525	4 430	9 946	8 889	1 706	3

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Installed Electricity Capacity*

Renewables

MW	2012					
	Hydro	Wind	Solar PV	Solar Thermal	Geothermal	Tide, Wave and Ocean
EU-28	148 931	106 289	68 702	2 002	778	243
Share (%)	15.6 %	11.2 %	7.2 %	0.2 %	0.1 %	0.0 %
BE	1 424	1 364	2 581	0	0	0
BG	3 129	677	1 013	0	0	0
CZ	2 212	258	2 022	0	0	0
DK	9	4 163	399	0	0	0
DE	11 257	31 304	32 641	2	12	0
EE	8	266	0	0	0	0
IE	529	1 763	0	0	0	0
EL	3 236	1 753	1 536	0	0	0
ES	18 550	22 775	4 603	2 000	0	0
FR	25 367	7 517	3 953	0	2	240
HR	2 141	180	4	0	0	0
IT	21 880	8 102	16 420	0	728	0
CY	0	147	17	0	10	0
LV	1 576	59	0	0	0	0
LT	876	275	7	0	0	0
LU	1 134	58	74	0	0	0
HU	56	325	12	0	0	0
MT	0	0	19	0	0	0
NL	37	2 433	365	0	0	0
AT	13 076	1 316	363	0	1	0
PL	2 351	2 564	1	0	0	0
PT	5 717	4 412	238	0	25	0
RO	6 548	1 822	41	0	0	0
SI	1 254	0	142	0	0	0
SK	2 522	3	513	0	0	0
FI	3 198	257	8	0	0	0
SE	16 414	3 607	24	0	0	0
UK	4 430	8 889	1 706	0	0	3

* Net maximum capacity
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Electricity Generation

Total

TWh	1995	2000	2005	2010	2011	2012
EU-28	2 742.7	3 035.9	3 325.1	3 364.4	3 295.1	3 295.2
Index 1995	100 %	111 %	121 %	123 %	120 %	120 %
BE	74.41	84.01	87.03	95.12	90.24	82.87
BG	41.79	40.92	44.37	46.65	50.80	47.33
CZ	60.85	73.47	82.58	85.91	87.56	87.57
DK	36.76	36.05	36.25	38.86	35.23	30.73
DE	537.28	576.54	622.58	632.98	613.07	629.81
EE	8.69	8.51	10.21	12.96	12.89	11.97
IE	17.86	23.98	25.97	28.60	27.47	27.59
EL	41.55	53.84	60.02	57.39	59.44	60.96
ES	167.09	224.47	294.08	301.53	293.85	297.56
FR	494.07	540.73	576.20	569.16	560.34	564.28
HR	8.86	10.70	12.46	14.11	10.83	10.56
IT	241.49	276.65	303.70	302.06	302.58	299.28
CY	2.50	3.37	4.38	5.32	4.93	4.72
LV	3.98	4.14	4.91	6.63	6.10	6.17
LT	13.90	11.43	14.78	5.75	4.82	5.04
LU	1.23	1.17	4.13	4.59	3.72	3.81
HU	34.02	35.19	35.76	37.37	35.98	34.59
MT	1.63	1.92	2.24	2.12	2.19	2.29
NL	80.93	89.63	100.22	118.14	112.97	102.51
AT	56.23	61.26	66.41	71.13	65.81	72.62
PL	139.01	145.18	156.94	157.66	163.55	162.14
PT	33.27	43.76	46.58	54.09	52.46	46.61
RO	59.27	51.93	59.41	60.98	62.22	59.05
SI	12.91	13.62	15.12	16.43	16.06	15.73
SK	26.77	31.16	31.46	27.86	28.66	28.66
FI	64.04	69.97	70.57	80.67	73.48	70.40
SE	148.35	145.27	158.44	148.56	150.38	166.56
UK	334.04	377.07	398.36	381.76	367.46	363.84

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Electricity Generation

By Fuel

	2012						
TWh	Gross Electricity Generation	Solid Fuels	Nuclear	Renewables	Gases	Petroleum and Products	Wastes, non-RES
EU-28	3 295.2	901.8	882.4	798.7	614.7	72.5	20.6
Share (%)	100.0 %	27.4 %	26.8 %	24.2 %	18.7 %	2.2 %	0.6 %
BE	82.87	3.39	40.30	11.76	25.62	0.12	1.46
BG	47.33	22.88	15.79	6.08	2.36	0.22	0.00
CZ	87.57	44.45	30.32	8.80	3.85	0.09	0.06
DK	30.73	10.57	0.00	14.84	4.19	0.40	0.73
DE	629.81	277.13	99.46	149.55	87.49	7.63	6.55
EE	11.97	9.80	0.00	1.48	0.63	0.06	0.00
IE	27.59	8.10	0.00	5.46	13.73	0.25	0.05
EL	60.96	31.12	0.00	10.34	13.36	6.08	0.06
ES	297.56	55.07	61.47	90.58	74.23	15.32	0.72
FR	564.28	18.92	425.41	88.23	24.54	4.34	2.23
HR	10.56	2.24	0.00	5.23	2.51	0.58	0.00
IT	299.28	49.14	0.00	94.20	134.03	18.89	2.27
CY	4.72	0.00	0.00	0.26	0.00	4.46	0.00
LV	6.17	0.00	0.00	4.11	2.06	0.00	0.00
LT	5.04	0.00	0.00	1.70	2.88	0.24	0.00
LU	3.81	0.00	0.00	1.37	2.39	0.00	0.06
HU	34.59	6.34	15.79	2.65	9.51	0.18	0.12
MT	2.29	0.00	0.00	0.02	0.00	2.27	0.00
NL	102.51	24.21	3.92	12.54	58.84	1.09	1.76
AT	72.62	4.41	0.00	55.12	11.54	0.74	0.79
PL	162.14	134.65	0.00	17.31	8.08	2.05	0.06
PT	46.61	13.09	0.00	20.41	10.67	2.19	0.25
RO	59.05	22.90	11.47	15.20	8.73	0.75	0.00
SI	15.73	5.15	5.53	4.51	0.53	0.01	0.01
SK	28.66	3.42	15.50	5.81	3.34	0.51	0.03
FI	70.40	10.78	22.99	28.54	7.22	0.31	0.24
SE	166.56	0.88	64.04	98.44	1.31	0.65	1.26
UK	363.84	143.18	70.41	44.23	101.08	3.06	1.88

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Electricity Generation

Renewables

	2012						
TWh	Renewables	Hydro	Wind	Biomass and Renewable	Solar	Geothermal	Tide, Wave and Ocean
EU-28	798.7	366.4	205.8	149.4	71.0	5.8	0.5
Share (%)	100.0 %	45.9 %	25.8 %	18.7 %	8.9 %	0.7 %	0.1 %
BE	11.76	1.66	2.75	5.20	2.15	0.00	0.00
BG	6.08	3.98	1.22	0.07	0.81	0.00	0.00
CZ	8.80	2.86	0.42	3.37	2.15	0.00	0.00
DK	14.84	0.02	10.27	4.45	0.10	0.00	0.00
DE	149.55	27.85	50.67	44.63	26.38	0.03	0.00
EE	1.48	0.04	0.43	1.00	0.00	0.00	0.00
IE	5.46	1.01	4.01	0.44	0.00	0.00	0.00
EL	10.34	4.59	3.85	0.20	1.69	0.00	0.00
ES	90.58	24.16	49.47	4.98	11.97	0.00	0.00
FR	88.23	63.60	14.91	5.25	4.02	0.00	0.46
HR	5.23	4.80	0.33	0.09	0.00	0.00	0.00
IT	94.20	43.85	13.41	12.49	18.86	5.59	0.00
CY	0.26	0.00	0.19	0.05	0.02	0.00	0.00
LV	4.11	3.71	0.11	0.29	0.00	0.00	0.00
LT	1.70	0.94	0.54	0.22	0.00	0.00	0.00
LU	1.37	1.16	0.08	0.09	0.04	0.00	0.00
HU	2.65	0.21	0.77	1.66	0.01	0.00	0.00
MT	0.02	0.00	0.00	0.01	0.01	0.00	0.00
NL	12.54	0.10	4.98	7.20	0.25	0.00	0.00
AT	55.12	47.68	2.46	4.64	0.34	0.00	0.00
PL	17.31	2.47	4.75	10.09	0.00	0.00	0.00
PT	20.41	6.66	10.26	2.95	0.39	0.15	0.00
RO	15.20	12.34	2.64	0.21	0.01	0.00	0.00
SI	4.51	4.08	0.00	0.27	0.16	0.00	0.00
SK	5.81	4.44	0.01	0.94	0.42	0.00	0.00
FI	28.54	16.86	0.49	11.18	0.01	0.00	0.00
SE	98.44	79.06	7.17	12.19	0.02	0.00	0.00
UK	44.23	8.25	19.58	15.20	1.19	0.00	0.00

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Electricity Generation

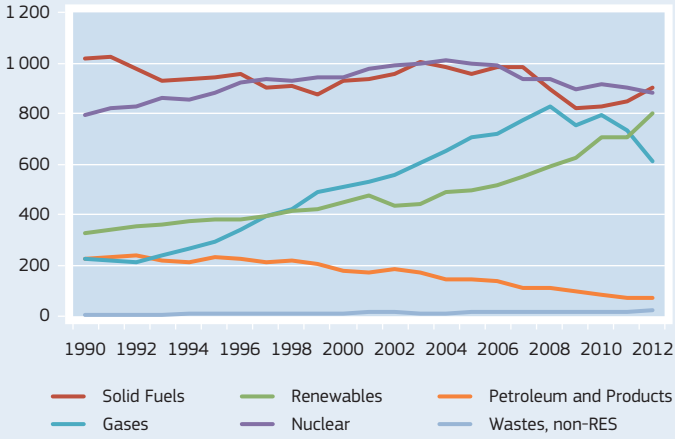
EU-28 by Fuel

Share of Total (%)	2012				
	Solid Fuels	Nuclear	Renewables	Gases	Petroleum and Products
1990	39.3	30.6	12.6	8.6	8.6
1991	38.7	31.1	12.9	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	13.5	12.0	8.0
1997	31.6	32.8	13.9	13.8	7.5
1998	31.2	31.9	14.3	14.5	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	15.4	21.3	4.0
2007	29.1	27.6	16.2	23.0	3.4
2008	26.6	27.7	17.5	24.4	3.2
2009	25.5	27.8	19.5	23.5	3.1
2010	24.7	27.2	21.1	23.7	2.6
2011	25.8	27.5	21.4	22.3	2.2
2012	27.4	26.8	24.2	18.7	2.2

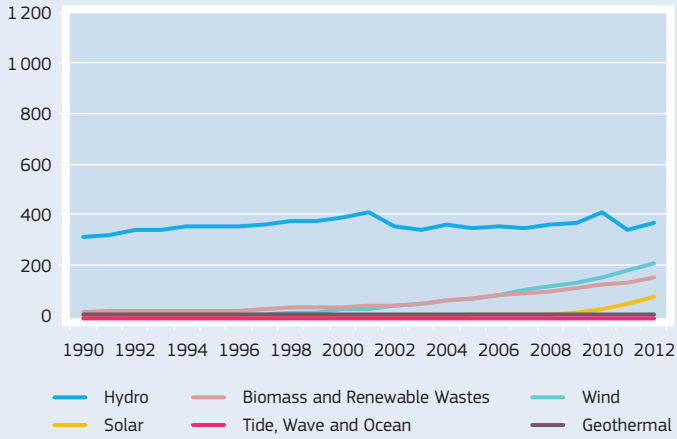
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Electricity Generation

EU-28 – Gross Electricity Generation by Fuel – 1990-2012 (TWh)



EU-28 – Gross Electricity Generation – Renewables – 1990-2012 (TWh)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Market Share of the Largest Electricity Producer

%	1999	2000	2005	2010	2011	2012
BE	92.3	91.1	85.0	79.1	70.7	65.8
BG						
CZ	71.0	69.2	72.0	73.0	68.0	68.0
DK	40.0	36.0	33.0	46.0	42.0	37.0
DE	28.1	34.0	31.0	28.4		
EE	93.0	91.0	92.0	89.0	87.0	88.0
IE	97.0	97.0	71.0	34.0	38.0	55.0
EL	98.0	97.0	97.0	85.1		77.0
ES	51.8	42.4	35.0	24.0	23.5	23.8
FR	93.8	90.2	89.1	86.5	86.0	86.0
HR			87.0	88.0	83.0	82.0
IT	71.1	46.7	38.6	28.0	27.0	26.0
CY	99.7	99.6	100.0	100.0	100.0	100.0
LV	96.5	95.8	92.7	88.0	86.0	89.0
LT	73.7	72.8	70.3	35.4	24.9	30.4
LU				85.4	82.0	81.8
HU	38.9	41.3	38.7	42.1	44.1	47.1
MT	100.0	100.0	100.0	100.0	100.0	100.0
NL						
AT	21.4	32.6			55.3	56.6
PL	20.8	19.5	18.5	17.4	17.8	16.4
PT	57.8	58.5	53.9	47.2	44.9	37.2
RO			36.4	33.6	26.0	26.7
SI			50.1	56.3	52.4	55.2
SK	83.6	85.1	83.6	80.9	77.7	78.9
FI	26.0	23.3	23.0	26.6	25.6	25.2
SE	52.8	49.5	47.0	42.0	41.0	44.0
UK	21.0	20.6	20.5	21.0	45.6	51.7

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

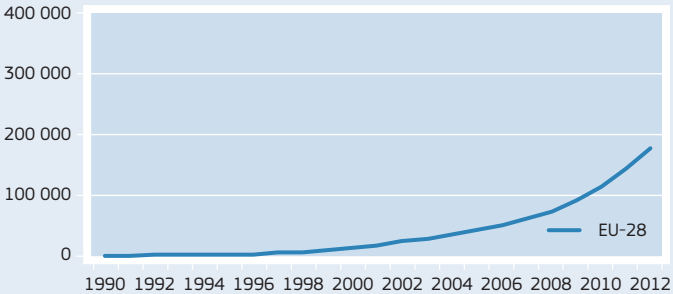
Intermittent Energy

Cumulative Capacity

Total

MW	1995	2000	2005	2010	2011	2012
EU-28	2 496	12 906	42 706	114 777	146 644	176 993
BE	5	14	169	1 816	2 460	3 945
BG	0	0	8	513	695	1 690
CZ	0	1	23	1 940	2 126	2 280
DK	617	2 391	3 130	3 809	3 969	4 562
DE	1 155	6 209	20 431	44 734	54 099	63 947
EE	0	0	31	108	180	266
IE	6	115	494	1 389	1 631	1 763
EL	27	226	492	1 500	2 252	3 289
ES	105	2 218	9 978	25 346	27 030	29 378
FR	5	64	736	7 024	9 482	11 470
HR	0	0	6	79	130	184
IT	38	382	1 669	9 264	19 691	24 522
CY	0	0	1	89	144	164
LV	1	2	26	30	36	59
LT	0	0	1	133	202	282
LU	0	14	59	73	86	132
HU	0	0	17	295	335	337
MT	0	0	0	0	7	19
NL	252	460	1 275	2 325	2 461	2 798
AT	1	55	808	1 135	1 397	1 679
PL	0	4	121	1 108	1 801	2 565
PT	8	84	1 066	3 930	4 428	4 650
RO	0	0	1	389	989	1 863
SI	0	0	0	12	57	142
SK	0	0	5	22	499	516
FI	7	41	86	204	207	265
SE	69	212	497	2 030	2 781	3 631
UK	200	414	1 576	5 480	7 469	10 595

Intermittent Energy – Cumulative Capacity – Total – 1990-2012 (MW)



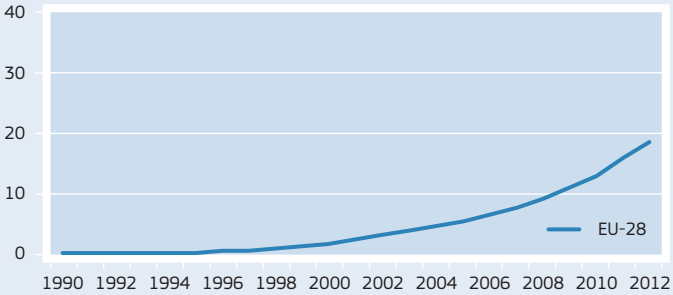
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Cumulative Capacity

Share of Total

%	1995	2000	2005	2010	2011	2012
EU-28	0.4	1.9	5.6	13.0	15.9	18.6
BE	0.03	0.09	1.05	9.91	12.24	19.00
BG			0.07	5.12	6.79	14.52
CZ		0.01	0.13	9.78	10.53	11.15
DK	5.69	19.41	24.01	28.34	29.21	32.42
DE	0.99	5.22	15.89	27.50	30.76	36.07
EE			1.21	3.93	6.37	9.10
IE	0.15	2.44	7.88	16.29	18.55	20.10
EL	0.30	2.07	3.70	9.80	13.63	14.74
ES	0.23	4.11	13.03	24.90	26.29	27.94
FR	0.00	0.06	0.64	5.64	7.45	8.87
HR	0.00	0.00	0.16	1.92	3.11	4.36
IT	0.06	0.51	1.95	8.70	16.62	19.74
CY			0.09	5.69	8.27	9.45
LV	0.05	0.10	1.20	1.17	1.40	2.22
LT			0.02	3.73	5.47	6.66
LU		1.15	3.51	4.27	4.94	7.38
HU			0.20	3.28	3.47	3.59
MT						
NL	1.32	2.18	5.85	8.71	8.77	9.35
AT	0.01	0.31	4.28	5.36	6.19	7.33
PL		0.01	0.38	3.32	5.21	7.27
PT	0.09	0.77	7.97	20.76	22.22	23.54
RO				1.95	4.82	8.56
SI				0.38	1.74	4.24
SK			0.06	0.28	5.97	6.13
FI	0.05	0.25	0.52	1.22	1.23	1.57
SE	0.21	0.63	1.49	5.57	7.89	9.59
UK	0.29	0.53	1.91	5.85	8.04	11.21

Intermittent Energy – Cumulative Capacity – Share of Total – 1990-2012 (%)



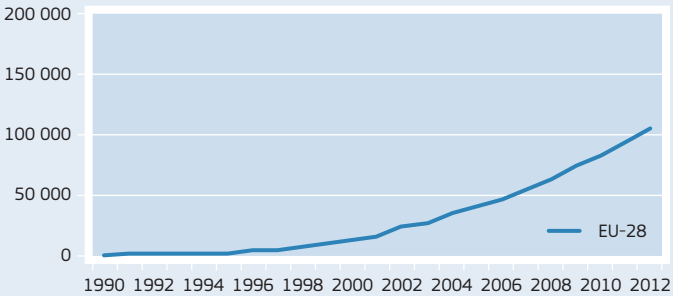
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Wind Cumulative Installed Capacity

Total

MW	1995	2000	2005	2010	2011	2012
EU-28	2 447	12 726	40 409	84 648	94 177	106 289
BE	5	14	167	912	1 069	1 364
BG	0	0	8	488	541	677
CZ	0	1	22	213	213	258
DK	617	2 390	3 127	3 802	3 952	4 163
DE	1 137	6 095	18 375	27 180	29 060	31 304
EE	0	0	31	108	180	266
IE	6	115	494	1 389	1 631	1 763
EL	27	226	491	1 298	1 640	1 753
ES	98	2 206	9 918	20 693	21 529	22 775
FR	3	57	723	5 994	6 679	7 517
HR	0	0	6	79	130	180
IT	22	363	1 635	5 794	6 918	8 102
CY	0	0	0	82	134	147
LV	1	2	26	30	36	59
LT	0	0	1	133	202	275
LU	0	14	35	44	45	58
HU	0	0	17	293	331	325
MT	0	0	0	0	0	0
NL	250	447	1 224	2 237	2 316	2 433
AT	0	50	778	981	1 080	1 316
PL	0	4	121	1 108	1 800	2 564
PT	8	83	1 064	3 796	4 256	4 412
RO	0	0	1	389	988	1 822
SI	0	0	0	0	0	0
SK	0	0	5	3	3	3
FI	6	38	82	197	199	257
SE	67	209	493	2 019	2 769	3 607
UK	200	412	1 565	5 386	6 476	8 889

Wind Cumulative Installed Capacity – Total – 1990-2012 (MW)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Wind Cumulative Installed Capacity

Share of Total

%	1995	2000	2005	2010	2011	2012
EU-28	0.4	1.9	5.3	9.6	10.2	11.2
BE	0.0	0.1	1.0	5.0	5.3	6.6
BG			0.1	4.9	5.3	5.8
CZ		0.0	0.1	1.1	1.1	1.3
DK	5.7	19.4	24.0	28.3	29.1	29.6
DE	1.0	5.1	14.3	16.7	16.5	17.7
EE			1.2	3.9	6.4	9.1
IE	0.1	2.4	7.9	16.3	18.6	20.1
EL	0.3	2.1	3.7	8.5	9.9	7.9
ES	0.2	4.1	13.0	20.3	20.9	21.7
FR	0.0	0.0	0.6	4.8	5.2	5.8
HR	0.0	0.0	0.2	1.9	3.1	4.3
IT	0.0	0.5	1.9	5.4	5.8	6.5
CY					7.7	8.5
LV	0.0	0.1	1.2	1.2	1.4	2.2
LT			0.0	3.7	5.5	6.5
LU		1.2	2.1	2.6	2.6	3.2
HU			0.2	3.3	3.4	3.5
MT						
NL	1.3	2.1	5.6	8.4	8.3	8.1
AT		0.3	4.1	4.6	4.8	5.7
PL		0.0	0.4	3.3	5.2	7.3
PT	0.1	0.8	8.0	20.1	21.4	22.3
RO				2.0	4.8	8.4
SI						
SK			0.1	0.0	0.0	0.0
FI	0.0	0.2	0.5	1.2	1.2	1.5
SE	0.2	0.6	1.5	5.5	7.9	9.5
UK	0.3	0.5	1.9	5.8	7.0	9.4

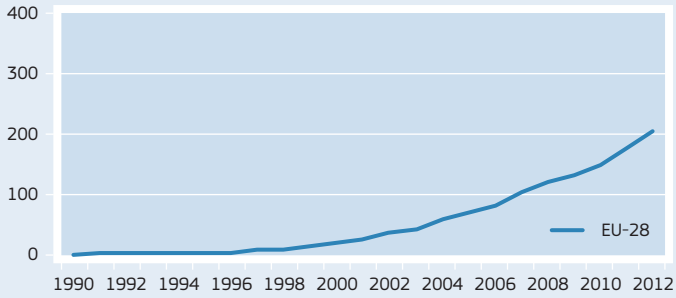
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Wind Gross Electricity Production

Total

TWh	1995	2000	2005	2010	2011	2012
EU-28	4.1	22.3	70.5	149.3	179.5	205.8
BE	0.0	0.0	0.2	1.3	2.3	2.8
BG	0.0	0.0	0.0	0.7	0.9	1.2
CZ	0.0	0.0	0.0	0.3	0.4	0.4
DK	1.2	4.2	6.6	7.8	9.8	10.3
DE	1.7	9.4	27.2	37.8	48.9	50.7
EE	0.0	0.0	0.1	0.3	0.4	0.4
IE	0.0	0.2	1.1	2.8	4.4	4.0
EL	0.0	0.5	1.3	2.7	3.3	3.9
ES	0.3	4.7	21.2	44.3	42.9	49.5
FR	0.0	0.1	1.0	9.9	12.1	14.9
HR	0.0	0.0	0.0	0.1	0.2	0.3
IT	0.0	0.6	2.3	9.1	9.9	13.4
CY	0.0	0.0	0.0	0.0	0.1	0.2
LV	0.0	0.0	0.0	0.0	0.1	0.1
LT	0.0	0.0	0.0	0.2	0.5	0.5
LU	0.0	0.0	0.1	0.1	0.1	0.1
HU	0.0	0.0	0.0	0.5	0.6	0.8
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	0.3	0.8	2.1	4.0	5.1	5.0
AT	0.0	0.1	1.3	2.1	1.9	2.5
PL	0.0	0.0	0.1	1.7	3.2	4.7
PT	0.0	0.2	1.8	9.2	9.2	10.3
RO	0.0	0.0	0.0	0.3	1.4	2.6
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	0.5	0.5
SE	0.1	0.5	0.9	3.5	6.1	7.2
UK	0.4	0.9	2.9	10.2	15.5	19.6

Wind Gross Electricity Production – Total – 1990-2012 (TWh)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Wind Gross Electricity Production

Penetration Level

%	1995	2000	2005	2010	2011	2012
EU-28	0.1	0.7	2.1	4.4	5.4	6.2
BE	0.0	0.0	0.3	1.4	2.6	3.3
BG			0.0	1.5	1.7	2.6
CZ			0.0	0.4	0.5	0.5
DK	3.2	11.8	18.2	20.1	27.7	33.4
DE	0.3	1.6	4.4	6.0	8.0	8.0
EE			0.5	2.1	2.9	3.6
IE	0.1	1.0	4.3	9.8	15.9	14.5
EL	0.1	0.8	2.1	4.7	5.6	6.3
ES	0.2	2.1	7.2	14.7	14.6	16.6
FR	0.0	0.0	0.2	1.7	2.2	2.6
HR	0.0	0.0	0.1	1.0	1.9	3.1
IT	0.0	0.2	0.8	3.0	3.3	4.5
CY					2.3	3.9
LV		0.1	1.0	0.7	1.2	1.8
LT			0.0	3.9	9.9	10.7
LU		2.3	1.3	1.2	1.7	2.0
HU			0.0	1.4	1.7	2.2
MT						
NL	0.4	0.9	2.1	3.4	4.5	4.9
AT	0.0	0.1	2.0	2.9	2.9	3.4
PL	0.0	0.0	0.1	1.1	2.0	2.9
PT	0.0	0.4	3.8	17.0	17.5	22.0
RO				0.5	2.2	4.5
SI						
SK			0.0	0.0	0.0	0.0
FI	0.0	0.1	0.2	0.4	0.7	0.7
SE	0.1	0.3	0.6	2.4	4.0	4.3
UK	0.1	0.3	0.7	2.7	4.2	5.4

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Wind Capacity Factor

Annual Average

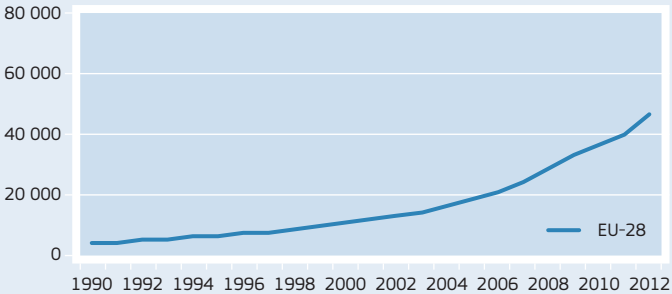
%	1995	2000	2005	2010	2011	2012
EU-28	19.0	19.9	19.9	20.1	21.7	22.1
BE	20.5	13.0	15.5	16.2	24.7	23.0
BG			7.1	15.9	18.2	20.6
CZ			10.9	17.9	21.3	18.4
DK	21.8	20.2	24.1	23.4	28.2	28.1
DE	17.2	17.5	16.9	15.9	19.2	18.5
EE			19.9	29.3	23.3	18.6
IE	30.4	24.2	25.7	23.1	30.6	25.9
EL	14.4	22.8	29.4	23.9	23.1	25.1
ES	31.4	24.4	24.4	24.4	22.7	24.8
FR	19.0	15.4	15.2	18.9	20.6	22.6
HR	0.0	0.0	19.0	20.1	17.6	20.9
IT	4.7	17.7	16.4	18.0	16.3	18.9
CY					9.7	14.4
LV		22.8	20.6	18.6	22.5	22.0
LT			22.8	19.2	26.8	22.4
LU		22.0	16.9	14.3	16.2	14.8
HU			6.7	20.8	21.6	27.0
MT						
NL	14.5	21.2	19.3	20.4	25.1	23.4
AT		15.3	19.5	24.0	20.4	21.4
PL		14.3	12.7	17.1	20.3	21.1
PT	22.8	23.1	19.0	27.6	24.6	26.5
RO				9.0	16.0	16.5
SI						
SK			13.7	22.8	19.0	22.8
FI	20.9	23.4	23.7	17.0	27.6	21.9
SE	16.9	24.9	21.7	19.8	25.0	22.7
UK	22.3	26.2	21.2	21.6	27.3	25.1

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Solar Collectors' Surface

1 000 m²	1995	2000	2005	2010	2011	2012
EU-28	6 420	10 879	18 582	36 812	40 449	46 387
BE	36	41	77	371	420	420
BG	0	0	0	194	230	256
CZ	0	0	85	309	375	425
DK	6	6	19	45	110	2 600
DE	1 166	3 251	7 099	14 044	15 234	16 309
EE	0	0	0	0	0	0
IE	2	4	13	182	219	272
EL	2 101	2 941	3 047	4 100	4 090	4 122
ES	319	403	797	2 373	2 651	2 851
FR	590	513	583	1 480	1 595	1 767
HR	0	0	0	92	106	125
IT	174	271	680	2 415	2 744	3 018
CY	0	0	730	909	937	959
LV	0	0	0	0	0	0
LT	0	0	0	0	0	0
LU	0	0	6	28	32	38
HU	27	36	45	140	150	150
MT	0	0	0	0	0	0
NL	162	360	620	811	843	865
AT	1 241	2 202	3 083	4 441	4 763	4 929
PL	0	0	95	656	909	1 200
PT	200	238	289	752	876	967
RO	0	0	0	0	0	0
SI	0	0	0	0	0	0
SK	0	0	64	123	146	154
FI	7	10	16	33	37	40
SE	135	207	371	510	446	472
UK	254	396	863	2 804	3 536	4 448

Solar Collectors' Surface – 1990-2012 (1 000 m²)



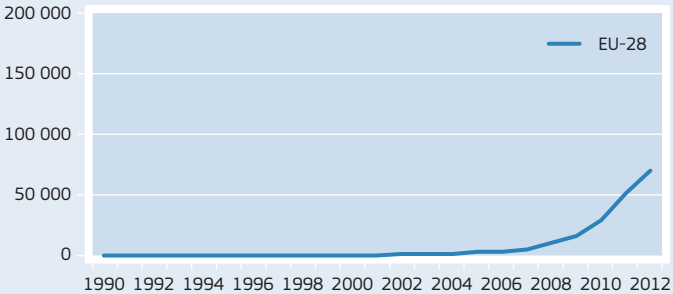
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Solar Installed Capacity

Total

MW	1995	2000	2005	2010	2011	2012
EU-28	49	180	2 297	30 129	52 467	70 704
BE	0	0	2	904	1 391	2 581
BG	0	0	0	25	154	1 013
CZ	0	0	1	1 727	1 913	2 022
DK	0	1	3	7	17	399
DE	18	114	2 056	17 554	25 039	32 643
EE	0	0	0	0	0	0
IE	0	0	0	0	0	0
EL	0	0	1	202	612	1 536
ES	7	12	60	4 653	5 501	6 603
FR	2	7	13	1 030	2 803	3 953
HR	0	0	0	0	0	4
IT	16	19	34	3 470	12 773	16 420
CY	0	0	1	7	10	17
LV	0	0	0	0	0	0
LT	0	0	0	0	0	7
LU	0	0	24	29	41	74
HU	0	0	0	2	4	12
MT	0	0	0	0	7	19
NL	2	13	51	88	145	365
AT	1	5	30	154	317	363
PL	0	0	0	0	1	1
PT	0	1	2	134	172	238
RO	0	0	0	0	1	41
SI	0	0	0	12	57	142
SK	0	0	0	19	496	513
FI	1	3	4	7	8	8
SE	2	3	4	11	12	24
UK	0	2	11	94	993	1 706

Solar Installed Capacity – Total – 1990-2012 (MW)



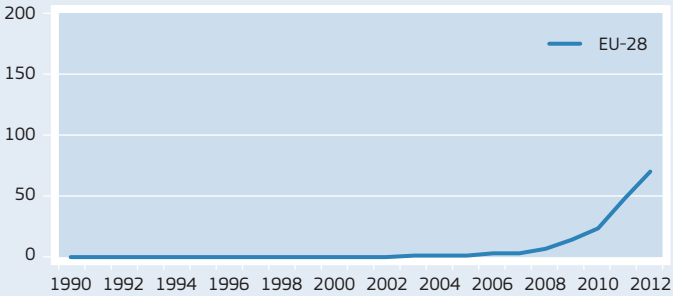
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Solar Gross Electricity Production

Total

TWh	1995	2000	2005	2010	2011	2012
EU-28	0.0	0.1	1.5	23.3	47.3	71.0
BE	0.0	0.0	0.0	0.6	1.2	2.1
BG	0.0	0.0	0.0	0.0	0.1	0.8
CZ	0.0	0.0	0.0	0.6	2.2	2.1
DK	0.0	0.0	0.0	0.0	0.0	0.1
DE	0.0	0.1	1.3	11.7	19.6	26.4
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	0.6	1.7
ES	0.0	0.0	0.0	7.2	9.4	12.0
FR	0.0	0.0	0.0	0.6	2.1	4.0
HR	0.0	0.0	0.0	0.0	0.0	0.0
IT	0.0	0.0	0.0	1.9	10.8	18.9
CY	0.0	0.0	0.0	0.0	0.0	0.0
LV	0.0	0.0	0.0	0.0	0.0	0.0
LT	0.0	0.0	0.0	0.0	0.0	0.0
LU	0.0	0.0	0.0	0.0	0.0	0.0
HU	0.0	0.0	0.0	0.0	0.0	0.0
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	0.0	0.0	0.0	0.1	0.1	0.3
AT	0.0	0.0	0.0	0.1	0.2	0.3
PL	0.0	0.0	0.0	0.0	0.0	0.0
PT	0.0	0.0	0.0	0.2	0.3	0.4
RO	0.0	0.0	0.0	0.0	0.0	0.0
SI	0.0	0.0	0.0	0.0	0.1	0.2
SK	0.0	0.0	0.0	0.0	0.4	0.4
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	0.2	1.2

Solar Gross Electricity Production – Total – 1990-2012 (TWh)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Solar Penetration Level

In Total Gross Electricity Generation

%	1995	2000	2005	2010	2011	2012
EU-28	0.0	0.0	0.0	0.7	1.4	2.2
BE	0.0	0.0	0.0	0.6	1.3	2.6
BG	0.0	0.0	0.0	0.0	0.2	1.7
CZ	0.0	0.0	0.0	0.7	2.5	2.5
DK	0.0	0.0	0.0	0.0	0.0	0.3
DE	0.0	0.0	0.2	1.9	3.2	4.2
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	1.0	2.8
ES	0.0	0.0	0.0	2.4	3.2	4.0
FR	0.0	0.0	0.0	0.1	0.4	0.7
HR	0.0	0.0	0.0	0.0	0.0	0.0
IT	0.0	0.0	0.0	0.6	3.6	6.3
CY	0.0	0.0	0.0	0.1	0.2	0.5
LV	0.0	0.0	0.0	0.0	0.0	0.0
LT	0.0	0.0	0.0	0.0	0.0	0.0
LU	0.0	0.0	0.4	0.5	0.7	1.0
HU	0.0	0.0	0.0	0.0	0.0	0.0
MT	0.0	0.0	0.0	0.0	0.4	0.6
NL	0.0	0.0	0.0	0.1	0.1	0.2
AT	0.0	0.0	0.0	0.1	0.3	0.5
PL	0.0	0.0	0.0	0.0	0.0	0.0
PT	0.0	0.0	0.0	0.4	0.5	0.8
RO	0.0	0.0	0.0	0.0	0.0	0.0
SI	0.0	0.0	0.0	0.1	0.4	1.0
SK	0.0	0.0	0.0	0.1	1.4	1.5
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	0.1	0.3

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

CHP

CHP Electricity

Generation and Capacity

	CHP Electricity Generation			CHP Electrical Capacity		
	TWh			GW		
	2005	2010	2011	2005	2010	2011
EU-28	366.1	394.6	377.7	98.2	105.6	106.0
BE	7.4	15.2	14.5	1.9	2.6	2.6
BG	2.7	3.7	3.4	1.2	1.0	1.1
CZ	13.9	12.2	11.2	5.2	4.8	4.7
DK	18.9	19.1	16.3	5.7	5.8	5.5
DE	77.9	83.2	79.6	20.8	22.5	26.6
EE	1.0	1.3	1.3	1.6	0.4	0.4
IE	0.6	1.9	2.0	0.1	0.3	0.3
EL	1.0	2.5	2.7	0.2	0.6	0.6
ES	22.9	22.4	22.1	3.1	3.4	3.0
FR	23.2	15.7	15.7	6.6	4.6	4.6
HR	0.0	2.0	2.2	0.0	0.7	0.7
IT	27.4	34.7	34.7	5.9	7.4	7.3
CY	0.0	0.1	0.0	0.0	0.0	0.0
LV	1.5	3.0	2.9	0.6	0.9	0.9
LT	2.3	2.0	1.8	1.0	1.1	1.2
LU	0.4	0.4	0.4	0.1	0.1	0.1
HU	6.8	7.3	6.0	2.1	1.9	1.8
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	29.5	39.2	36.7	7.2	9.3	9.2
AT	10.1	11.0	10.3	3.3	3.2	3.7
PL	26.3	27.7	27.1	8.3	8.7	8.8
PT	5.4	6.4	6.6	1.1	1.3	1.4
RO	15.6	6.5	7.3	5.3	4.6	2.2
SI	1.1	1.1	1.1	0.3	0.3	0.3
SK	4.8	4.4	7.0	1.9	2.8	2.5
FI	27.5	29.2	26.6	5.8	6.2	6.2
SE	10.7	18.5	15.1	3.5	5.1	4.0
UK	27.2	23.6	23.2	5.4	6.1	6.1

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

CHP Heat

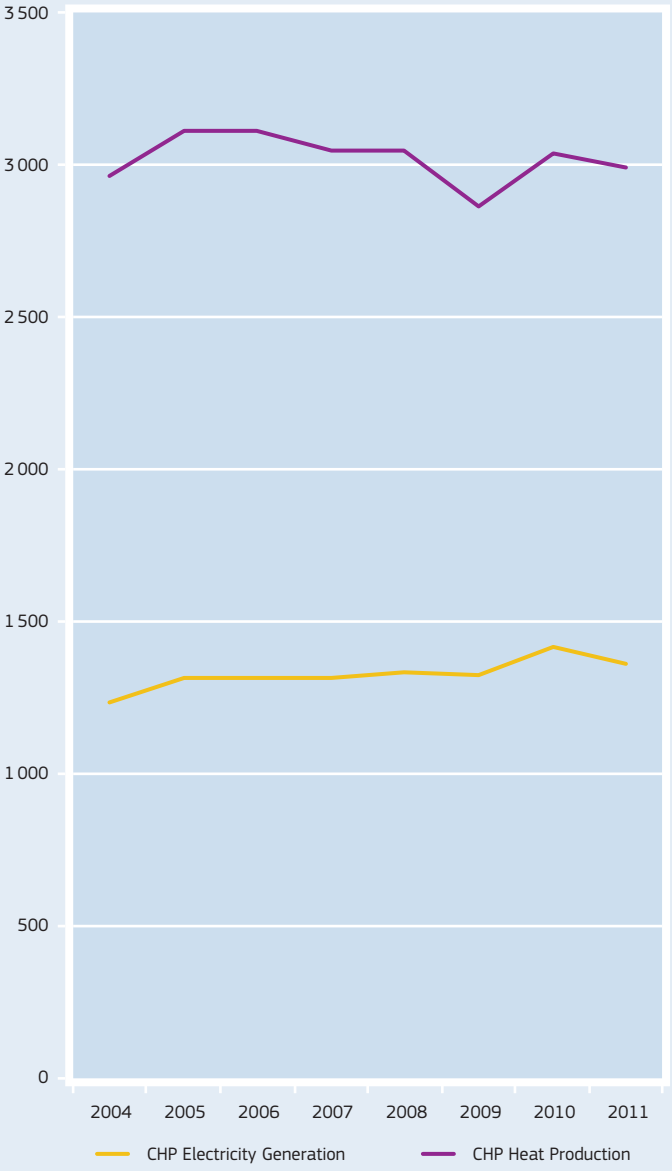
Production and Capacity

	CHP Heat Production			CHP Heat Capacity	
	PJ			GW	
	2005	2010	2011	2010	2011
EU-28	3 112.5	3 038.4	2 994.0	266.2	265.5
BE	75.9	0.0	93.7	4.8	5.2
BG	50.4	40.4	38.5	3.9	4.1
CZ	150.7	135.7	121.1	20.5	23.4
DK	119.0	124.7	108.1	10.2	9.8
DE	652.5	675.8	638.9	63.9	66.0
EE	11.5	12.3	12.3	1.5	1.5
IE	4.4	12.0	11.0	0.7	0.7
EL	9.7	12.7	13.8	1.0	0.8
ES	192.5	153.3	159.0	10.3	7.9
FR	209.2	173.9	173.9	13.3	13.3
HR	0.0	14.9	14.9	1.7	1.7
IT	193.1	202.5	202.5	13.9	13.9
CY	0.1	0.1	0.2	0.0	0.0
LV	11.9	10.4	9.3	0.8	0.9
LT	19.9	19.3	15.8	2.5	2.5
LU	1.2	3.2	3.1	0.0	0.0
HU	47.4	42.2	35.1	3.4	3.1
MT	0.0	0.0	0.0	0.0	0.0
NL	220.3	233.6	224.0	18.6	18.8
AT	95.8	110.6	96.4	8.6	8.4
PL	275.4	277.1	263.5	24.8	24.8
PT	59.6	67.2	69.3	4.8	4.6
RO	95.4	69.0	71.9	10.8	10.4
SI	15.0	11.6	11.0	0.8	0.8
SK	33.7	20.1	26.2	9.2	9.7
FI	250.0	272.8	255.0	16.0	16.0
SE	132.7	187.2	171.5	12.3	9.4
UK	185.2	155.5	153.9	7.8	7.8

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

CHP Electricity and Heat

EU-28 – CHP Electricity and Heat Generation (PJ – GCV)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Heat

Gross Heat Generation

Total

PJ (GCV)	1995	2000	2005	2010	2011	2012
EU-28	2 264.3	2 169.4	2 588.5	2 668.1	2 472.7	2 490.8
Index 1995	100 %	96 %	114 %	118 %	109 %	110 %
BE	10.0	23.2	22.4	38.3	38.1	31.7
BG	133.5	50.8	52.1	59.4	58.4	57.8
CZ	175.9	139.2	139.2	130.3	123.3	124.1
DK	119.1	119.2	129.1	152.1	133.1	136.9
DE	416.6	315.9	494.0	515.2	467.2	485.0
EE	31.1	27.0	26.8	25.5	22.9	24.5
IE	0.0	0.0	0.0	0.0	0.0	0.0
EL	0.0	1.2	2.0	1.9	2.3	1.9
ES	0.0	0.0	0.0	0.0	0.0	0.0
FR	23.0	135.5	174.3	147.6	133.8	126.8
HR	13.2	11.5	13.3	12.5	12.1	11.6
IT	0.0	0.0	193.1	205.3	219.1	207.0
CY	0.0	0.0	0.0	0.0	0.0	0.0
LV	46.1	31.9	31.1	28.7	25.0	26.9
LT	66.9	48.2	49.9	48.8	45.9	46.5
LU	0.0	0.5	3.2	3.1	3.2	3.1
HU	61.3	69.2	63.6	53.0	49.3	49.5
MT	0.0	0.0	0.0	0.0	0.0	0.0
NL	107.1	155.1	170.9	147.0	142.2	132.4
AT	39.2	47.9	61.6	84.9	80.7	83.0
PL	420.8	340.7	340.7	343.9	318.2	327.3
PT	1.5	5.6	13.7	21.1	20.6	21.5
RO	287.0	190.8	127.7	99.1	98.9	89.3
SI	8.9	9.4	10.1	9.8	9.7	9.5
SK	42.1	36.8	52.5	48.6	43.7	43.2
FI	97.7	149.9	178.9	210.8	188.5	196.2
SE	163.1	157.9	181.1	224.2	178.5	196.4
UK	0.0	102.1	57.2	57.0	58.1	58.6

Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Heat Generation

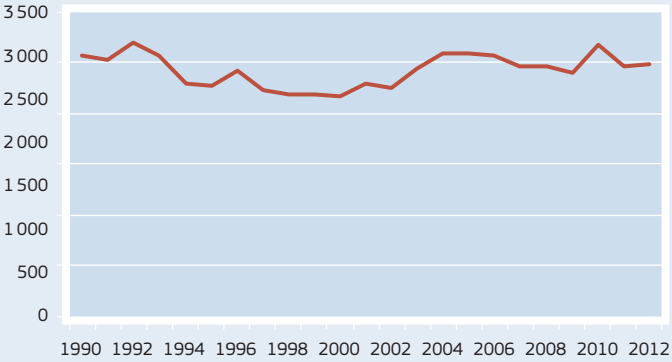
By Fuel

	2012						
PJ (GCV)	Gross Heat Generation	Gases	Solid Fuels	Renewables	Petroleum and Products	Wastes, non-RES	Nuclear
EU-28	2 490.8	1 023.2	702.9	478.1	131.5	95.0	4.6
Share (%)	100.0 %	41.1 %	28.2 %	19.2 %	5.3 %	3.8 %	0.2 %
BE	31.7	28.8	0.0	1.6	0.0	1.3	0.0
BG	57.8	25.6	24.0	0.2	4.8	0.0	0.9
CZ	124.1	36.8	77.3	4.8	1.2	1.3	1.0
DK	136.9	32.8	32.3	55.4	2.4	10.8	0.0
DE	485.0	218.4	158.7	53.5	7.4	36.4	0.0
EE	24.5	11.8	4.0	7.5	1.1	0.0	0.0
IE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EL	1.9	0.0	1.9	0.0	0.0	0.0	0.0
ES	0.0	0.0	0.0	0.0	0.0	0.0	0.0
FR	126.8	66.5	7.4	32.2	10.1	10.7	0.0
HR	11.6	10.1	0.0	0.2	1.3	0.0	0.0
IT	207.0	132.4	1.3	24.8	45.5	3.0	0.0
CY	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LV	26.9	21.0	0.3	5.0	0.4	0.0	0.0
LT	46.5	22.6	0.2	10.2	3.6	0.0	0.0
LU	3.1	2.9	0.0	0.1	0.0	0.0	0.0
HU	49.5	41.9	3.2	3.2	0.2	0.5	0.5
MT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NL	132.4	105.5	5.5	9.6	5.8	6.0	0.0
AT	83.0	32.9	2.6	37.4	4.9	5.2	0.0
PL	327.3	36.2	261.5	19.5	9.2	0.6	0.0
PT	21.5	19.3	0.0	0.0	2.1	0.0	0.0
RO	89.3	53.3	25.8	2.1	8.2	0.0	0.0
SI	9.5	2.8	5.2	1.2	0.2	0.1	0.0
SK	43.2	19.7	8.8	7.5	4.8	0.2	2.1
FI	196.2	41.5	63.0	72.1	10.1	3.7	0.0
SE	196.4	14.9	11.0	127.7	6.4	14.7	0.0
UK	58.6	45.4	8.9	2.1	1.7	0.5	0.0

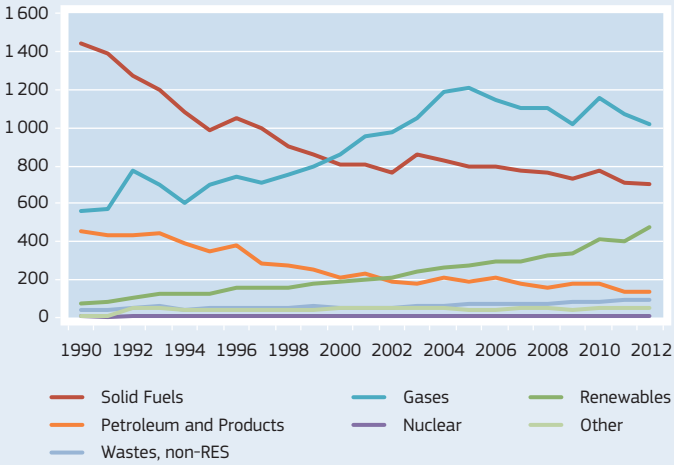
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Gross Heat Generation

EU-28 – Gross Heat Generation – Total – 1990-2012 (PJ-GCV)



EU-28 – Gross Heat Generation by Fuel – 1990-2012 (PJ-GCV)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

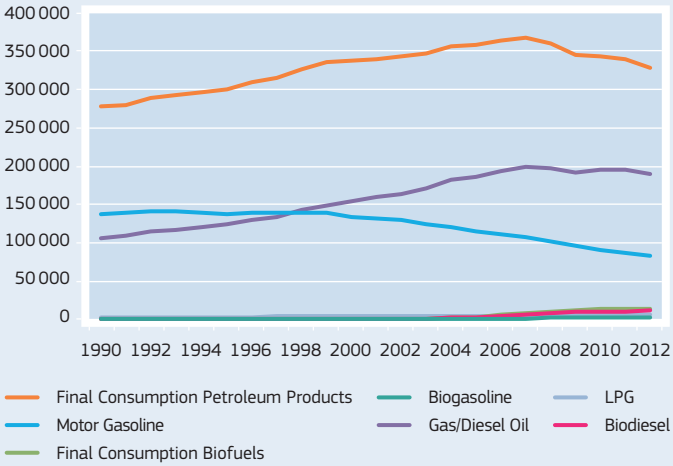
Transport

Fuels Final Consumption

EU-28 – Petroleum Products and Biofuels

ktoe	Final Consumption Petroleum Products	Gas/ Diesel Oil	Motor Gasoline	LPG	Final Consumption Biofuels	Biodiesel	Biogasoline
1990	278 083	105 890	138 210	2 706	6	6	0
1991	280 280	108 546	138 684	2 620	6	6	0
1992	289 744	113 981	140 920	2 477	22	15	5
1993	293 078	116 839	140 395	2 592	52	25	24
1994	296 427	120 171	138 991	2 773	139	111	25
1995	300 172	123 249	138 159	3 004	216	188	24
1996	310 213	129 859	139 595	3 135	318	274	39
1997	315 874	133 773	139 111	3 457	433	369	55
1998	327 210	141 987	139 429	3 557	409	335	63
1999	336 603	148 329	140 085	3 534	456	384	60
2000	337 373	153 225	134 100	3 662	710	637	58
2001	339 795	158 934	131 753	3 875	836	753	65
2002	342 627	164 097	129 729	4 118	1 110	930	158
2003	347 073	171 884	124 719	4 286	1 421	1 169	241
2004	356 195	181 328	120 931	4 571	1 927	1 604	304
2005	358 141	186 210	115 398	4 713	3 019	2 309	556
2006	363 435	193 456	111 356	4 899	5 385	3 942	852
2007	367 023	199 237	107 493	4 909	7 685	5 879	1 183
2008	360 116	197 238	101 943	5 051	9 826	7 697	1 811
2009	345 588	191 481	96 902	5 269	11 703	9 214	2 310
2010	342 490	194 695	91 366	5 298	13 088	10 216	2 832
2011	339 749	194 696	87 471	5 514	13 635	10 726	2 887
2012	328 800	190 599	82 369	5 481	14 501	11 637	2 852

EU-28 – Fuels Consumption in the Transport Sector – 1990-2012 (ktoe)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Biofuels

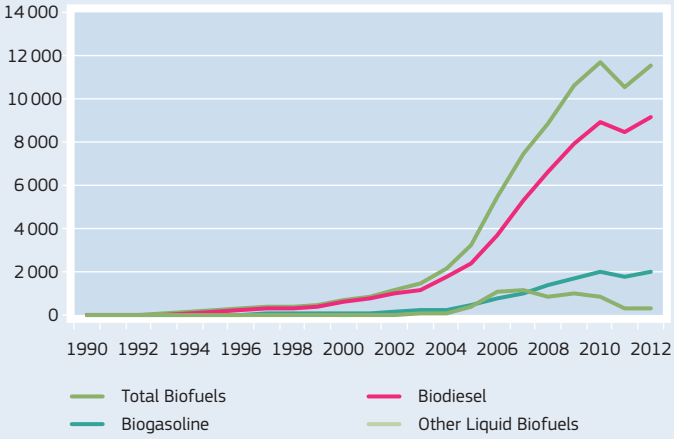
EU-28 by Fuel

	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	2 155	1 780	266	0.5%	0.3%	0.9%
2005	3 211	2 365	452	0.8%	0.5%	1.2%
2006	5 497	3 683	742	1.5%	0.8%	2.0%
2007	7 462	5 302	1 032	2.1%	1.1%	2.9%
2008	8 878	6 613	1 384	2.7%	1.7%	3.8%
2009	10 646	7 941	1 706	3.3%	2.3%	4.6%
2010	11 717	8 915	1 980	3.7%	3.0%	5.0%
2011	10 541	8 465	1 743	3.9%	3.2%	5.2%
2012	11 532	9 188	2 036	4.2%	3.3%	5.8%

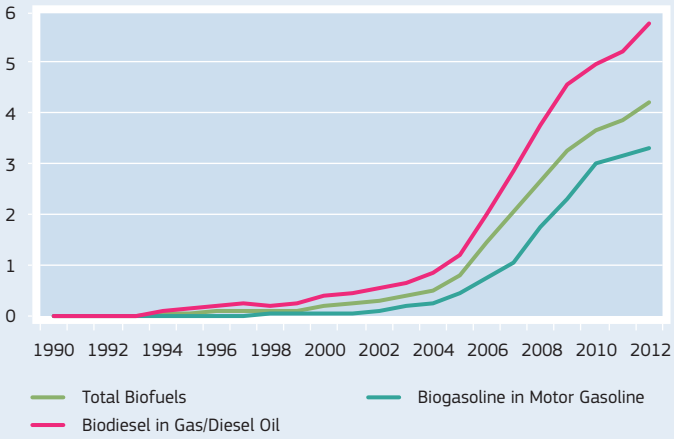
Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

Biofuels

EU-28 – Production Biofuels – 1990-2012 (ktoe)



EU-28 – Biofuels Share in Transport Fuels – 1990-2012 (%)



Source: Eurostat, May 2014
Methodology and Notes: See Appendix 13 – No 2

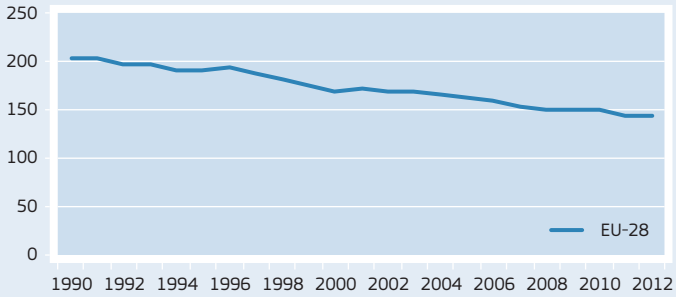
Energy Efficiency

Energy Intensity

All Fuels

toe/M€ '2005	1995	2000	2005	2010	2011	2012
EU-28	191	171	164	152	144	143
Index 1995	100%	89%	86%	79%	75%	75%
BE	221	211	194	190	182	172
BG	1 288	1 040	849	669	705	670
CZ	533	481	431	374	355	355
DK	119	101	94	97	90	87
DE	173	159	154	140	129	129
EE	966	629	502	551	505	481
IE	140	111	92	93	84	83
EL	179	179	163	148	154	166
ES	161	160	159	137	135	136
FR	174	162	161	151	143	143
HR	289	270	248	232	232	225
IT	130	127	131	123	121	117
CY	203	207	187	178	174	167
LV	692	443	355	382	333	329
LT	753	490	415	307	299	292
LU	176	143	158	142	137	134
HU	418	350	311	294	282	269
MT	204	173	197	172	163	148
NL	184	157	159	158	145	149
AT	140	128	140	132	125	124
PL	613	424	379	328	315	299
PT	172	171	178	153	151	147
RO	751	606	491	395	394	379
SI	312	268	255	231	231	228
SK	691	604	494	369	349	329
FI	268	235	219	226	210	204
SE	234	187	171	157	149	148
UK	166	143	125	111	103	105

Energy Intensity – All Fuels – 1990-2012 (toe/M€ '2005)



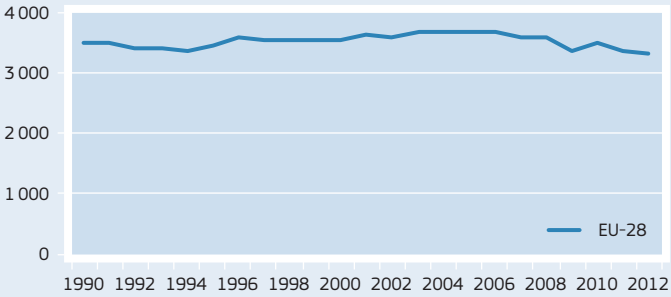
Source: Eurostat, DG Economic and Financial Affairs, May 2014
Methodology and Notes: See Appendix 13 – No 2

Energy per Capita

All Fuels

kgoe/cap	1995	2000	2005	2010	2011	2012
EU-28	3 458	3 542	3 678	3 486	3 360	3 318
Index 1995	100 %	102 %	106 %	101 %	97 %	96 %
BE	5 321	5 773	5 607	5 608	5 435	5 095
BG	2 699	2 267	2 559	2 359	2 598	2 496
CZ	4 034	4 008	4 409	4 253	4 118	4 071
DK	3 867	3 701	3 613	3 633	3 366	3 245
DE	4 183	4 165	4 145	4 081	3 878	3 900
EE	3 820	3 628	4 170	4 595	4 617	4 569
IE	3 066	3 758	3 616	3 318	3 056	3 017
EL	2 244	2 591	2 831	2 576	2 499	2 502
ES	2 592	3 071	3 323	2 819	2 780	2 757
FR	4 071	4 242	4 390	4 123	3 960	3 949
HR	1 534	1 751	2 011	1 937	1 964	1 902
IT	2 846	3 060	3 199	2 889	2 832	2 680
CY	3 003	3 460	3 438	3 289	3 148	2 904
LV	1 860	1 632	2 051	2 272	2 126	2 231
LT	2 380	2 018	2 621	2 189	2 312	2 371
LU	8 117	8 328	10 298	9 137	8 779	8 381
HU	2 535	2 478	2 737	2 581	2 518	2 374
MT	1 999	2 057	2 408	2 300	2 207	1 996
NL	4 700	4 746	4 993	5 214	4 805	4 882
AT	3 406	3 617	4 176	4 138	4 011	3 994
PL	2 582	2 326	2 425	2 620	2 627	2 542
PT	2 057	2 473	2 604	2 283	2 223	2 099
RO	2 042	1 634	1 839	1 768	1 815	1 760
SI	3 053	3 243	3 661	3 527	3 547	3 406
SK	3 304	3 389	3 532	3 290	3 224	3 089
FI	5 733	6 264	6 581	6 911	6 590	6 296
SE	5 831	5 511	5 647	5 415	5 261	5 231
UK	3 830	3 915	3 885	3 392	3 145	3 175

Energy per Capita – All Fuels – 1990-2012 (kgoe/cap)



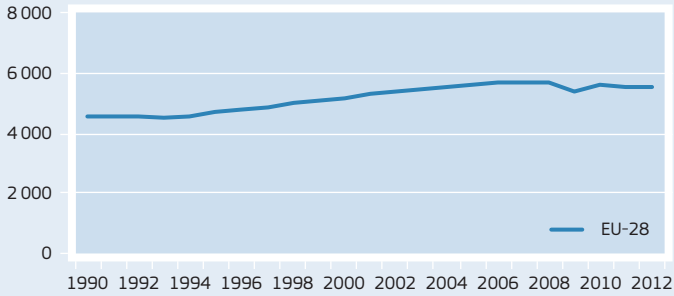
Source: Eurostat, DG Economic and Financial Affairs, May 2014
Methodology and Notes: See Appendix 13 – No 2

Final Electricity per Capita

All Fuels

kWh/cap	1995	2000	2005	2010	2011	2012
EU-28	4 676	5 192	5 616	5 631	5 516	5 515
Index 1995	100 %	111 %	120 %	120 %	118 %	118 %
BE	6 752	7 568	7 657	7 655	7 298	7 507
BG	3 413	2 968	3 332	3 597	3 868	3 811
CZ	4 654	4 807	5 403	5 439	5 407	5 391
DK	5 905	6 080	6 175	5 836	5 732	5 618
DE	5 525	5 882	6 333	6 512	6 426	6 419
EE	3 146	3 655	4 482	5 155	4 945	5 209
IE	4 124	5 333	5 854	5 575	5 434	5 264
EL	3 205	3 952	4 589	4 763	4 656	4 689
ES	3 578	4 681	5 581	5 313	5 279	5 204
FR	5 773	6 338	6 715	6 855	6 413	6 634
HR	2 147	2 648	3 245	3 590	3 622	3 596
IT	4 192	4 794	5 134	4 949	4 971	4 872
CY	3 416	4 317	5 362	5 886	5 548	5 103
LV	1 797	1 891	2 559	2 963	3 007	3 367
LT	1 751	1 771	2 401	2 690	2 833	2 986
LU	12 200	13 215	13 206	13 015	12 570	11 787
HU	2 686	2 883	3 206	3 421	3 464	3 308
MT	3 333	4 018	4 849	3 875	4 358	4 447
NL	5 349	6 142	6 405	6 433	6 438	6 356
AT	5 877	6 433	7 088	7 445	7 416	7 477
PL	2 343	2 578	2 762	3 092	3 164	3 183
PT	2 872	3 753	4 391	4 690	4 553	4 371
RO	1 603	1 513	1 823	2 041	2 120	2 109
SI	4 698	5 289	6 368	5 840	6 141	6 101
SK	4 052	4 075	4 242	4 445	4 596	4 428
FI	12 768	14 620	15 390	15 564	14 861	14 916
SE	14 112	14 509	14 474	13 991	13 189	13 371
UK	5 079	5 594	5 789	5 281	5 067	4 985

Final Electricity per Capita – All Fuels – 1990-2012 (kWh/cap)



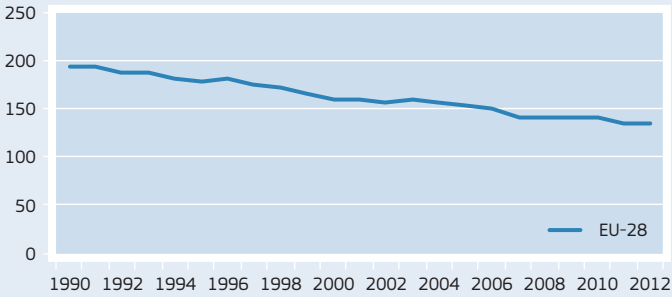
Source: Eurostat, DG Economic and Financial Affairs, May 2014
Methodology and Notes: See Appendix 13 – No 2

Primary Energy Efficiency

All Fuels

toe/M€ '2005	1995	2000	2005	2010	2011	2012
EU-28	179	160	154	142	135	135
Index 1995	100 %	89 %	86 %	80 %	76 %	75 %
BE	198	187	169	164	159	149
BG	1 218	985	813	653	687	653
CZ	504	457	403	351	334	333
DK	118	100	93	96	88	86
DE	161	147	143	131	120	120
EE	935	606	482	543	500	474
IE	133	107	91	91	82	81
EL	175	174	159	143	150	162
ES	149	148	149	130	128	130
FR	163	152	152	144	136	136
HR	255	247	228	216	216	210
IT	122	121	125	116	114	112
CY	196	200	181	173	170	164
LV	686	435	348	377	326	321
LT	705	444	377	274	246	241
LU	174	142	158	141	136	133
HU	392	328	287	272	259	247
MT	204	173	193	171	162	146
NL	161	135	133	129	120	123
AT	133	121	133	125	119	117
PL	590	403	360	312	299	285
PT	154	155	161	142	140	138
RO	731	575	460	378	375	360
SI	306	258	244	224	227	224
SK	655	559	461	348	325	310
FI	257	227	212	218	204	198
SE	225	181	163	151	144	143
UK	156	136	119	107	99	102

Primary Energy Efficiency – All Fuels – 1990-2012 (toe/M€ '2005)



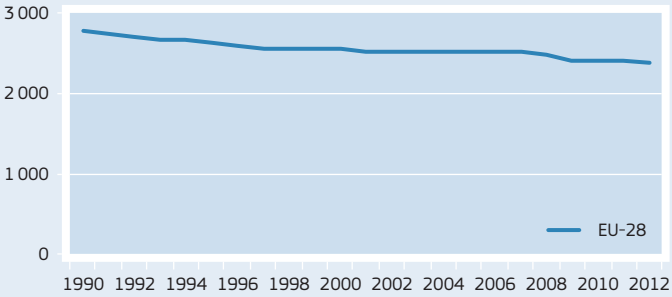
Source: Eurostat, DG Economic and Financial Affairs, May 2014
Methodology and Notes: See Appendix 13 – No 2

Carbon Intensity

All Fuels

kg CO_2/toe	1995	2000	2005	2010	2011	2012
EU-28	2 612	2 539	2 499	2 383	2 390	2 373
Index 1995	100 %	97 %	96 %	91 %	91 %	91 %
BE	2 599	2 466	2 602	2 329	2 188	2 207
BG	2 636	2 482	2 593	2 731	2 826	2 691
CZ	3 107	3 078	2 819	2 641	2 685	2 623
DK	3 355	3 054	2 868	2 651	2 594	2 394
DE	2 789	2 682	2 612	2 586	2 657	2 677
EE	3 314	3 122	3 016	3 023	3 091	2 898
IE	3 328	3 286	3 354	2 911	2 869	2 899
EL	4 205	4 118	3 962	3 744	3 792	3 613
ES	2 744	2 727	2 791	2 462	2 513	2 489
FR	1 708	1 690	1 614	1 534	1 491	1 499
HR	2 469	2 598	2 665	2 522	2 491	2 401
IT	2 811	2 723	2 689	2 526	2 502	2 461
CY	3 473	3 522	3 802	3 385	3 392	3 389
LV	2 074	1 831	1 905	2 026	2 008	1 886
LT	1 809	1 727	1 674	2 107	2 093	2 083
LU	2 942	2 677	2 795	2 705	2 710	2 691
HU	2 363	2 322	2 199	2 028	2 013	1 977
MT	4 022	4 894	6 935	6 591	7 887	8 137
NL	2 941	2 942	2 957	2 710	2 827	2 676
AT	2 412	2 338	2 370	2 152	2 157	2 076
PL	3 665	3 601	3 462	3 288	3 257	3 297
PT	2 765	2 744	2 658	2 336	2 363	2 483
RO	2 741	2 545	2 542	2 246	2 354	2 384
SI	2 481	2 369	2 297	2 251	2 246	2 270
SK	2 521	2 244	2 207	2 103	2 147	2 116
FI	2 044	1 849	1 722	1 775	1 661	1 554
SE	1 242	1 244	1 211	1 203	1 139	1 077
UK	2 606	2 562	2 569	2 569	2 556	2 577

Carbon Intensity – All Fuels – 1990-2012 (CO_2/toe)



Source: Eurostat, DG Economic and Financial Affairs, May 2014
Methodology and Notes: See Appendix 13 – No 2

RES Indicators

RES Shares*

Overall and Heating & Cooling

	Overall RES with Aviation Cap**				RES-H&C – Heating and Cooling			
%	2006	2010	2011	2012	2006	2010	2011	2012
EU-28	9.3	12.5	12.9	14.1	10.9	14.2	15.0	15.6
BE	2.7	5.0	5.2	6.8	3.7	5.0	4.7	6.6
BG	9.7	14.4	14.6	16.3	14.8	24.4	24.9	27.5
CZ	6.4	9.3	9.3	11.2	9.6	12.1	12.6	13.6
DK	15.9	22.6	24.0	26.0	23.0	30.7	31.8	33.3
DE	7.7	10.7	11.6	12.4	6.9	10.3	10.8	11.1
EE	16.1	24.6	25.6	25.8	30.7	43.3	44.1	43.1
IE	3.1	5.6	6.6	7.2	3.5	4.3	4.9	5.1
EL	7.2	9.8	10.9	13.8	12.4	17.8	19.4	24.4
ES	9.2	13.8	13.2	14.3	11.4	12.6	13.6	14.0
FR	9.5	12.7	11.3	13.4	12.0	16.0	16.1	16.9
HR	12.8	14.3	15.4	16.8	11.4	13.0	15.6	18.3
IT	6.4	10.6	12.3	13.5	6.0	10.7	12.5	12.8
CY	3.3	6.0	6.0	6.8	10.5	18.3	19.3	21.2
LV	31.1	32.5	33.5	35.8	42.6	43.8	44.7	47.3
LT	17.0	19.8	20.2	21.7	29.7	33.2	33.7	35.5
LU	1.5	2.9	2.9	3.1	3.6	4.8	4.8	5.0
HU	5.1	8.6	9.1	9.6	7.5	11.1	12.3	13.6
MT	0.4	0.4	0.7	1.4	4.9	4.3	7.8	13.0
NL	2.6	3.7	4.3	4.5	2.4	2.7	3.3	3.4
AT	25.6	30.8	30.8	32.1	23.5	30.7	30.9	32.8
PL	7.0	9.3	10.4	11.0	10.4	11.9	13.4	13.7
PT	20.7	24.2	24.5	24.6	33.9	33.7	35.0	33.0
RO	17.1	23.2	21.2	22.9	17.6	27.2	24.3	25.7
SI	15.6	19.2	19.4	20.2	18.5	25.5	28.7	30.6
SK	5.9	9.0	10.3	10.4	4.4	7.8	9.1	8.7
FI	30.1	32.4	32.7	34.3	41.6	44.1	45.7	48.1
SE	42.6	47.2	48.8	51.0	56.2	60.9	62.5	65.6
UK	1.6	3.3	3.8	4.2	0.9	1.7	2.3	2.3

* Of the Gross Final Energy
** Break in Series between 2010 and 2011 due to the Application of the Biofuels Compliance Rules
Source: Eurostat, April 2014
Methodology and Notes: See Appendix 13 – No 2

RES Shares*

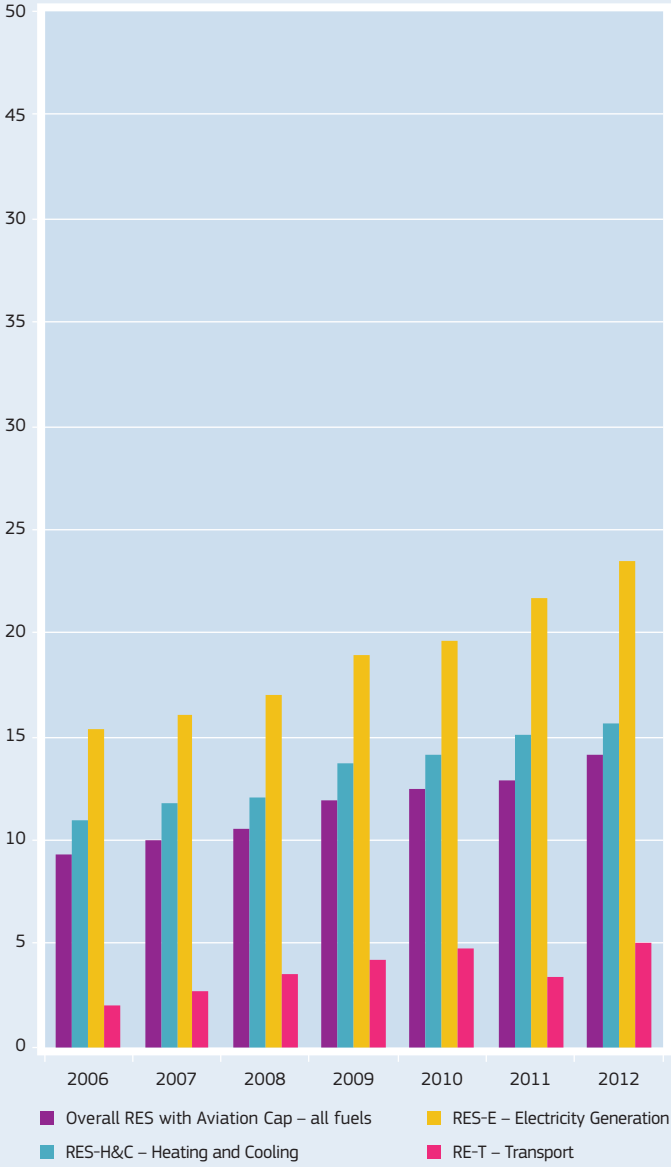
Electricity and Transport

	RES-E – Electricity Generation				RE-T – Transport**			
%	2006	2010	2011	2012	2006	2010	2011	2012
EU-28	15.4	19.7	21.7	23.5	2.1	4.8	3.4	5.1
BE	3.1	7.1	8.8	11.1	0.2	4.1	4.0	4.5
BG	9.9	13.7	13.9	17.0	0.6	1.0	0.4	0.3
CZ	4.0	7.5	10.6	11.6	0.8	4.6	0.7	5.6
DK	24.0	32.7	35.9	38.7	0.3	0.9	3.8	5.8
DE	11.8	18.1	20.9	23.6	6.4	6.0	5.9	6.9
EE	1.5	10.4	12.3	15.8	0.1	0.2	0.2	0.3
IE	8.7	14.9	17.6	19.6	0.1	2.4	3.9	4.1
EL	9.0	12.5	13.9	16.5	0.7	1.9	0.7	1.1
ES	20.0	29.7	31.6	33.5	0.7	4.7	0.4	0.4
FR	14.1	14.9	16.4	16.6	2.0	6.2	0.5	7.1
HR	32.2	34.2	34.2	35.5	0.4	0.5	0.4	0.4
IT	16.0	20.2	23.7	27.6	0.9	4.6	4.7	5.8
CY	0.0	1.4	3.4	4.9	0.0	2.0	0.0	0.0
LV	40.4	42.1	44.7	44.9	1.2	3.3	3.5	3.3
LT	4.0	7.4	9.0	10.9	1.7	3.6	3.7	4.8
LU	3.2	3.8	4.1	4.6	0.1	2.0	2.1	2.2
HU	3.5	7.1	6.4	6.1	0.6	4.7	5.0	4.6
MT	0.0	0.1	0.6	1.1	0.0	0.0	0.0	1.0
NL	6.6	9.7	9.8	10.5	0.5	3.1	4.6	5.0
AT	62.5	64.9	65.0	65.5	5.5	8.6	7.6	7.7
PL	3.0	6.6	8.2	10.7	1.2	6.3	6.5	6.1
PT	29.3	40.7	45.9	47.6	1.3	5.6	0.4	0.4
RO	28.1	30.4	31.1	33.6	0.8	3.1	2.0	4.1
SI	28.2	32.1	30.8	31.4	0.6	2.8	2.1	2.9
SK	13.5	17.8	19.3	20.1	2.9	4.8	5.0	4.8
FI	26.4	27.6	29.4	29.5	0.4	3.8	0.4	0.4
SE	51.8	56.0	59.9	60.0	4.7	7.2	9.4	12.6
UK	4.5	7.4	8.8	10.8	0.6	3.1	2.7	3.7

* Of the Gross Final Energy
** Break in Series between 2010 and 2011 due to the Application of the Biofuels Compliance Rules
Source: Eurostat, April 2014
Methodology and Notes: See Appendix 13 – No 2

RES Shares

In the Gross Final Energy – EU-28 (%)



Break in Series between 2010 and 2011 due to the Application of the Biofuels Compliance Rules
Source: Eurostat, April 2014
Methodology and Notes: See Appendix 13 – No 2

Energy Prices

Prices of Transport Fuels

Automotive Diesel Oil – All Taxes Included

Current Prices (€/litre)	2006	2010	2011	2012	2013	2014*
BE	1.02	1.14	1.37	1.46	1.40	1.37
BG		0.98	1.17	1.27	1.33	1.32
CZ	1.02	1.21	1.39	1.45	1.39	1.33
DK	1.10	1.21	1.41	1.49	1.48	1.48
DE	1.11	1.20	1.38	1.49	1.43	1.38
EE	0.87	1.10	1.27	1.37	1.32	1.30
IE	1.10	1.22	1.41	1.55	1.51	1.48
EL	0.96	1.24	1.47	1.54	1.39	1.37
ES	0.96	1.07	1.27	1.37	1.36	1.33
FR	1.08	1.14	1.33	1.40	1.35	1.32
HR					1.30	1.30
IT	1.17	1.21	1.44	1.71	1.66	1.63
CY	0.90	1.00	1.25	1.35	1.41	1.44
LV	0.87	1.06	1.27	1.37	1.31	1.29
LT	0.89	1.02	1.23	1.33	1.32	1.30
LU	0.92	0.99	1.17	1.26	1.22	1.19
HU	1.02	1.16	1.36	1.50	1.44	1.38
MT	0.99	1.04	1.30	1.37	1.38	1.36
NL	1.08	1.15	1.35	1.45	1.42	1.43
AT	1.01	1.10	1.33	1.41	1.36	1.32
PL	0.98	1.06	1.22	1.36	1.31	1.27
PT	1.05	1.15	1.37	1.45	1.39	1.34
RO		1.03	1.24	1.32	1.32	1.35
SI	0.96	1.15	1.24	1.36	1.38	1.35
SK	1.06	1.11	1.34	1.44	1.39	1.35
FI	1.02	1.13	1.37	1.55	1.52	1.52
SE	1.15	1.25	1.51	1.67	1.65	1.57
UK	1.40	1.39	1.60	1.76	1.66	1.66

* Average 1 Jan – 15 Jun
Source: DG Energy, Member States
Methodology and Notes: See Appendix 13 – No 2

Prices of Transport Fuels

Euro-Super 95 – All Taxes Included

Current Prices (€/litre)	2006	2010	2011	2012	2013	2014*
BE	1.29	1.40	1.54	1.65	1.58	1.55
BG		1.02	1.17	1.28	1.32	1.29
CZ	1.05	1.25	1.41	1.46	1.40	1.31
DK	1.28	1.44	1.61	1.70	1.68	1.67
DE	1.28	1.39	1.53	1.65	1.60	1.55
EE	0.87	1.11	1.24	1.36	1.31	1.29
IE	1.12	1.30	1.48	1.62	1.59	1.53
EL	0.98	1.43	1.67	1.75	1.69	1.66
ES	1.04	1.16	1.32	1.43	1.43	1.41
FR	1.24	1.34	1.50	1.57	1.54	1.51
HR					1.37	1.38
IT	1.29	1.36	1.55	1.79	1.75	1.72
CY	0.94	1.04	1.21	1.32	1.38	1.42
LV	0.88	1.09	1.28	1.41	1.35	1.32
LT	0.90	1.18	1.32	1.41	1.38	1.33
LU	1.08	1.16	1.29	1.39	1.34	1.31
HU	1.05	1.22	1.37	1.48	1.41	1.34
MT	1.10	1.19	1.38	1.48	1.47	1.44
NL	1.41	1.49	1.64	1.76	1.74	1.71
AT	1.09	1.19	1.36	1.45	1.39	1.35
PL	1.02	1.13	1.24	1.36	1.31	1.27
PT	1.28	1.37	1.54	1.64	1.58	1.55
RO		1.06	1.23	1.27	1.28	1.31
SI	1.00	1.20	1.29	1.48	1.49	1.46
SK	1.05	1.25	1.44	1.54	1.49	1.45
FI	1.29	1.43	1.56	1.67	1.64	1.62
SE	1.23	1.34	1.54	1.71	1.67	1.61
UK	1.34	1.36	1.54	1.68	1.58	1.57

* Average 1 Jan – 15 Jun
Source: DG Energy, Member States
Methodology and Notes: See Appendix 13 – No 2

Prices of Transport Fuels

Consumer Prices of Petroleum Products

EU-28 Weighted Average* (€/litre)

* All Taxes Included – Uncomplete EU-28 series for the period 2005-2012
Source: DG Energy, Member States
Methodology and Notes: See Appendix 13 – No 2

Fuel Prices* – Domestic Consumers

Gas – Band D2: 20GJ < Consumption < 200GJ

€/GJ (GCV) 2nd Semester	2008	2009	2010	2011	2012	2013
EU-28	17.17	14.62	15.72	17.98	19.45	19.63
BE	20.24	14.33	16.78	20.31	20.39	18.55
BG	10.86	9.67	11.98	13.10	15.44	14.39
CZ	14.69	13.11	14.35	16.53	18.36	15.98
DK	26.57	26.77	30.11	30.14	30.09	30.89
DE	21.17	16.35	15.86	17.77	18.01	19.13
EE	10.30	10.07	11.14	12.14	14.38	13.21
IE	18.05	15.29	14.63	17.18	18.68	20.07
EL	0.00	0.00	0.00	0.00	28.25	24.66
ES	18.14	14.88	15.00	15.00	23.98	24.78
FR	16.06	16.20	15.98	17.95	18.95	20.24
HR	7.70	9.10	10.54	10.32	13.11	13.00
IT	19.99	14.84	21.86	24.32	26.89	26.29
CY						
LV	13.88	10.52	11.28	12.69	15.57	13.99
LT	10.63	11.29	12.59	14.99	16.97	17.05
LU	14.28	12.82	13.13	16.09	16.49	15.71
HU	12.93	13.23	15.38	15.82	14.36	11.67
MT						
NL	21.04	18.76	18.48	20.58	23.46	23.49
AT	17.11	17.23	16.71	20.03	21.20	20.96
PL	14.30	12.78	14.04	13.90	16.00	14.14
PT	17.48	16.52	17.49	20.51	23.69	25.93
RO	9.33	7.45	7.73	7.68	7.61	8.52
SI	19.77	14.96	18.68	22.01	20.28	18.40
SK	12.92	13.21	12.39	14.21	14.29	14.43
FI						
SE	28.22	26.12	29.48	32.37	35.22	34.01
UK	13.29	11.84	11.72	14.53	16.05	16.33

* All Taxes Included
Source: Eurostat, June 2014
Methodology and Notes: See Appendix 13 – No 2

Fuel Prices* – Domestic Consumers

Electricity – Band DC: 2 500 kWh < Consumption < 5 000 kWh

€/100 kWh 2nd Semester	2008	2009	2010	2011	2012	2013
EU-28	16.63	16.36	17.26	18.44	19.54	20.09
BE	21.52	18.64	19.74	21.19	22.23	22.15
BG	8.23	8.18	8.30	8.74	9.55	8.82
CZ	12.99	13.94	13.92	14.66	15.01	14.93
DK	27.85	25.53	27.08	29.75	29.72	29.36
DE	21.95	22.94	24.38	25.31	26.76	29.21
EE	8.50	9.20	10.04	10.42	11.23	13.67
IE	20.33	18.55	18.75	20.86	22.89	24.05
EL	10.99	10.32	12.11	12.38	14.18	16.97
ES	15.57	16.84	18.51	20.88	22.75	22.73
FR	12.03	12.07	13.50	14.22	14.50	15.89
HR	11.84	11.64	11.53	11.46	13.84	13.50
IT	22.27	19.97	19.20	20.65	22.97	23.23
CY	20.40	16.42	20.21	24.13	29.09	24.81
LV	10.03	10.54	10.48	13.42	13.69	13.58
LT	8.65	9.26	12.16	12.21	12.68	13.91
LU	16.09	18.82	17.47	16.62	17.06	16.46
HU	15.53	16.62	15.74	15.53	16.18	13.26
MT	15.36	15.13	17.00	17.00	17.00	17.00
NL	17.98	18.87	17.62	18.38	18.95	19.15
AT	17.72	19.09	19.30	19.65	20.24	20.18
PL	12.95	12.91	13.82	13.51	15.29	14.37
PT	15.25	15.94	16.66	18.81	20.63	21.31
RO	11.03	9.79	10.52	10.85	10.75	12.79
SI	11.56	13.41	14.26	14.92	15.42	16.57
SK	15.26	15.60	16.37	17.10	17.22	16.78
FI	12.73	12.89	13.70	15.73	15.59	15.59
SE	17.46	16.46	19.58	20.44	20.83	20.46
UK	16.03	14.07	14.49	15.84	17.85	17.97

* All Taxes Included
Source: Eurostat, June 2014
Methodology and Notes: See Appendix 13 – No 2

Fuel Prices* – Industrial Consumers

Gas – Band I3: 10 000 GJ < Consumption < 100 000 GJ

€/GJ (GCV) 2nd Semester	2008	2009	2010	2011	2012	2013
EU-28	12.86	9.88	10.91	11.90	12.71	13.36
BE	13.04	10.14	9.91	11.17	11.65	11.52
BG	8.91	7.15	10.10	10.62	13.32	11.72
CZ	13.03	9.00	12.08	11.50	11.27	11.15
DK	21.13	16.94	21.93	22.73	24.29	26.50
DE	16.43	11.44	13.19	13.40	12.70	15.82
EE	10.34	7.66	9.43	10.31	11.93	11.76
IE	12.20	8.08	9.66	11.92	12.95	14.60
EL					18.12	15.81
ES	10.48	8.73	9.54	10.88	12.44	12.67
FR	12.84	10.34	11.46	12.39	13.28	12.71
HR	7.82	9.13	13.46	14.78	16.03	14.75
IT	12.45	8.62	9.19	10.80	12.26	11.69
CY						
LV	12.99	9.30	10.70	11.30	13.39	12.46
LT	14.33	9.09	11.37	14.47	15.49	13.73
LU	12.04	10.65	12.46	14.66	15.08	13.26
HU	14.06	12.57	12.42	15.25	16.42	16.87
MT						
NL	12.34	12.15	10.74	11.37	12.22	12.11
AT		12.59	13.42	13.93	14.48	14.28
PL	11.39	10.20	11.01	10.85	12.80	12.45
PT	9.67	7.59	9.82	11.96	14.35	14.34
RO	9.24	7.06	7.57	8.53	9.09	9.93
SI	15.19	11.54	14.17	17.28	18.36	16.07
SK	15.61	10.60	12.16	13.64	13.76	12.89
FI	11.40	9.70	11.23	15.72	16.26	16.13
SE	23.13	20.48	22.27	26.19	27.45	26.30
UK	10.21	6.96	7.43	9.23	11.26	11.94

* All Taxes Included
Source: Eurostat, June 2014
Methodology and Notes: See Appendix 13 – No 2

Fuel Prices* – Industrial Consumers

Electricity – Band IC: 500 MWh < Consumption < 2 000 MWh

€/100 kWh 2nd Semester	2008	2009	2010	2011	2012	2013
EU-28	12.48	12.53	12.84	13.77	14.38	14.71
BE	11.63	13.05	12.76	13.81	13.40	13.25
BG	7.82	7.67	7.98	8.00	9.35	8.71
CZ	13.35	13.35	12.97	12.99	12.34	11.98
DK	22.40	21.40	22.93	23.37	24.21	24.63
DE	14.28	15.15	15.62	16.62	17.27	19.02
EE	7.11	7.74	8.73	9.02	9.81	11.64
IE	16.04	13.27	12.77	14.60	15.75	15.41
EL	10.06	10.20	11.39	12.56	13.81	14.00
ES	12.38	12.99	12.90	13.64	14.47	14.54
FR	7.36	7.74	8.35	9.48	9.42	10.19
HR	11.42	11.10	11.12	10.94	11.75	11.80
IT	17.04	15.81	16.63	19.08	20.75	19.95
CY	20.75	17.15	19.84	24.19	27.32	23.67
LV	9.40	10.82	10.96	13.44	13.44	13.94
LT	9.90	9.54	12.65	12.56	13.84	14.85
LU	10.38	12.28	10.86	10.60	10.74	10.63
HU	14.61	16.18	13.12	13.17	12.55	12.29
MT	17.00	13.56	18.90	18.90	18.90	18.90
NL	12.34	13.12	11.61	11.14	11.59	11.38
AT	12.86	13.94	13.53	13.53	13.39	13.27
PL	11.10	11.39	12.04	11.58	11.76	10.79
PT	9.46	9.89	9.64	11.46	14.09	13.97
RO	11.34	9.90	10.08	10.55	10.91	11.85
SI	11.82	11.55	12.06	11.57	11.29	11.53
SK	15.33	16.70	14.26	15.13	15.25	15.23
FI	8.22	8.33	8.41	9.23	9.15	9.29
SE	9.65	8.61	10.50	10.36	9.70	9.34
UK	12.79	11.64	11.64	12.53	14.32	14.36

* All Taxes Included
Source: Eurostat, June 2014
Methodology and Notes: See Appendix 13 – No 2

PART 3

Socio-Economic Indicators in the EU

Summary

Classification of the Energy Sector*

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
Source: Eurostat, UN, June 2014
Methodology and Notes: See Annex 13 – No 3

Employment

Total Persons Employed

Member States Data* – EU-28

Thousands	2008	2010	2011	2012	2013
B05: Mining of Coal and Lignite	342.6	334.6	344.8	331.4	329.0
B06: Extraction of Crude Petroleum and Natural Gas	99.1	105.6	95.0	97.5	97.7
B07.21: Mining of Uranium and Thorium Ores					
B08.92: Extraction of Peat	*12.5*	*12.1*	*12.1*	*12.3*	*12.4***
B09.1: Support Activities for Petroleum and Natural Gas Extraction	*47.3*	*50.6*	*51.2*	*51.7*	*52.2***
C19: Manufacture of Coke and Refined Petroleum Products	243.8	219.8	214.1	207.6	208.1
D35: Electricity, Gas, Steam and Air Conditioning Supply	1 549.4	1 659.7	1 663.5	1 674.3	1 621.5
D35.1 Electricity					
35.11: Production of Electricity					
35.12: Transmission of Electricity					
35.13: Distribution of Electricity					
35.14: Trade of Electricity					
D35.2 Gas					
35.21: Manufacture of Gas					
35.22: Distribution of Gaseous Fuels through Mains					
35.23: Trade of Gas through Mains					
D35.3 Steam and Air Conditioning					
35.30: Steam and Air Conditioning Supply					
Broad Sector – Total Employment	*2 294.8*	*2 382.4*	*2 380.7*	*2 374.8*	*2 320.9*

* According to the Labour Force Survey (LFS), 15 years or Over
** Estimations DG Energy
Italic: According to the Structural Business Survey (SBS)
Source: Eurostat, LFS
Methodology and Notes: See Annex 13 – No 3

Employment Rate

Member States' Data – All Sectors – 15-64 years

%	2000	2005	2010	2011	2012	2013
EU-28		63.4	64.0	64.1	64.1	64.1
BE	60.5	61.1	62.0	61.9	61.8	61.8
BG	50.4	55.8	59.7	58.4	58.8	59.5
CZ	65.0	64.8	65.0	65.7	66.5	67.7
DK	76.3	75.9	73.3	73.1	72.6	72.5
DE	65.6	65.5	71.1	72.5	72.8	73.3
EE	60.4	64.4	61.0	65.1	67.1	68.5
IE	65.2	67.6	59.6	58.9	58.8	60.5
EL	56.5	60.1	59.6	55.6	51.3	49.3
ES	56.3	63.3	58.6	57.7	55.4	54.4
FR	62.1	63.7	63.9	63.8	63.9	64.1
HR		55.0	54.0	52.4	50.7	49.2
IT	53.7	57.6	56.9	56.9	56.8	55.6
CY	65.7	68.5	68.9	67.6	64.6	61.7
LV	57.5	63.3	59.3	60.8	63.0	65.0
LT	59.1	62.6	57.6	60.2	62.0	63.7
LU	62.7	63.6	65.2	64.6	65.8	65.7
HU	56.3	56.9	55.4	55.8	57.2	58.4
MT	54.2	53.9	56.1	57.6	59.0	60.6
NL	72.9	73.2	74.7	74.9	75.1	74.3
AT	68.5	68.6	71.7	72.1	72.5	72.3
PL	55.0	52.8	58.9	59.3	59.7	60.0
PT	68.4	67.5	65.6	64.2	61.8	61.1
RO	63.0	57.6	58.8	58.5	59.5	59.7
SI	62.8	66.0	66.2	64.4	64.1	63.3
SK	56.8	57.7	58.8	59.3	59.7	59.9
FI	67.2	68.4	68.1	69.0	69.4	68.9
SE	73.0	72.5	72.1	73.6	73.8	74.4
UK	71.2	71.7	69.5	69.5	70.1	70.8

Source: Eurostat, LFS, June 2014
Methodology and Notes: See Annex 13 – No 3

Unemployment Rate*

Member States' Data – All Sectors

%	2000	2005	2010	2011	2012	2013
EU-28	8.9	9.0	9.6	9.6	10.4	10.8
BE	6.9	8.5	8.3	7.2	7.6	8.4
BG	16.4	10.1	10.3	11.3	12.3	13.0
CZ	8.8	7.9	7.3	6.7	7.0	7.0
DK	4.3	4.8	7.5	7.6	7.5	7.0
DE	8.0	11.3	7.1	5.9	5.5	5.3
EE	14.6	8.0	16.7	12.3	10.0	8.6
IE	4.2	4.4	13.9	14.7	14.7	13.1
EL	11.2	10.0	12.7	17.9	24.5	27.5
ES	11.9	9.2	19.9	21.4	24.8	26.1
FR	9.5	8.9	9.3	9.2	9.8	10.3
HR	15.8	12.8	11.8	13.5	15.9	17.2
IT	10.0	7.7	8.4	8.4	10.7	12.2
CY	4.8	5.3	6.3	7.9	11.9	15.9
LV	14.3	10.0	19.5	16.2	15.0	11.9
LT	16.4	8.3	17.8	15.4	13.4	11.8
LU	2.2	4.6	4.6	4.8	5.1	5.9
HU	6.3	7.2	11.2	10.9	10.9	10.2
MT	6.7	6.9	6.9	6.4	6.3	6.4
NL	3.1	5.3	4.5	4.4	5.3	6.7
AT	3.6	5.2	4.4	4.2	4.3	4.9
PL	16.1	17.9	9.7	9.7	10.1	10.3
PT*	4.5	8.5	12.0	12.9	15.8	16.4
RO	6.8	7.2	7.3	7.4	7.0	7.3
SI	6.7	6.5	7.3	8.2	8.9	10.1
SK	18.9	16.4	14.5	13.7	14.0	14.2
FI	9.8	8.4	8.4	7.8	7.7	8.2
SE	5.6	7.7	8.6	7.8	8.0	8.0
UK	5.4	4.8	7.8	8.0	7.9	7.5

* Annual Average, Total
Source: Eurostat, LFS, June 2014
Methodology and Notes: See Annex 13 – No 3

Enterprises in the Sector

Number of Enterprises*

Enterprises Survey

	Mining of Coal and Lignite (B05)				Extraction of Crude Petroleum and Natural Gas (B06)			
	2008	2010	2011	2012	2008	2010	2011	2012
EU-28	*298*	*222*	212	*214*	*315*	*314*	384	*397*
BE	0					0	0	0
BG	23	23	25	24	9	7	9	7
CZ			10	11			5	5
DK	0	0	0	0	10	9	8	15
DE	7	6	5		4	4	4	
EE	0	0	0	0	1	1	1	2
IE								
EL	4							
ES	110	48	43	32	4	4	5	6
FR	10	6	0	0	61	32	57	57
HR	0	1	1	0	7	4	6	4
IT					5	3	8	
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	13	15	10	13	10	11
MT	0	0	0	0	0	0		
NL	0	0	0	0	45	48	43	33
AT	0	0	0	0	2	2	2	
PL	44	48	53	59	28	54	64	53
PT	0	0	0	0	0	0	0	0
RO	38	35	31	37	10	21	26	30
SI	2	2	1	1	1	1	1	1
SK						0		
FI	0	0	0	0	0	0	0	0
SE								
UK	22	23	21		105	98	127	151

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Number of Enterprises*

Enterprises Survey

	Extraction of Peat (B08.92)				Support Activities for Petroleum and Natural Gas Extraction (B09.1)			
	2008	2010	2011	2012	2008	2010	2011	2012
EU-28	*1 011*	*936*	955	*862*	*830*	*896*	906	*935*
BE	0	0	0					23
BG		10	10		4	6	10	12
CZ							7	5
DK	7	4	3		47	35	40	49
DE	90	74	103					
EE	38	39	40		0	0	0	0
IE			8			0		
EL		0						
ES	6	6	4		24			34
FR		23	27			36	35	39
HR	2	0	0		8	7	8	8
IT	0	12	7					
CY	0	0	0		0	0	0	0
LV	54	49	49		0	0	0	1
LT	20	24	27		0	0	0	0
LU	0	0	0		0	0	0	0
HU		15	13		29	40	34	36
MT	0	0						
NL	8	7	7		103	116	115	139
AT	7	7	8		6	8	5	5
PL	49	45	42		52	90	101	102
PT	0	0	0		1	1	1	0
RO	10	8	7		93	91	93	92
SI	0	0	0		3	3	3	3
SK								
FI	519	463	463		0	0	0	0
SE	87	82	79		39	45	47	49
UK	24	25	23		267	270	264	250

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Number of Enterprises*

Enterprises Survey

	Manufacture of Coke and Refined Petroleum Products (C19)				Electricity, Gas, Steam and Air Conditioning Supply (D35)			
	2008	2010	2011	2012	2008	2010	2011	2012
EU-28	*1 274*	*1 168*	1 114	*1 153*	*33 758*	*52 106*	63 200	*66 750*
BE		22	22	26		301	429	532
BG	21	17	12	14	583	1 091	1 395	1 703
CZ	22		30	40	1 264		5 192	5 942
DK	4	5	6	7	1 692	1 681	1 817	1 873
DE	86	95	77	78	1 589	1 722	1 777	1 777
EE	9	5	5	5	181	223	220	231
IE						236	191	
EL	7	7		32	5	10	10	10
ES	13	18	15	20	12 004	13 098	15 024	13 746
FR	88	52		67	3 866	14 337	16 776	18 271
HR	19	17	16	18	133	234	331	388
IT	353	328	327		2 472	4 028	6 547	
CY					1	4	8	11
LV	3	13	7	10	279	381	383	438
LT	5	6	7	6	213	253	294	391
LU	0	0	0	0	60	68	68	69
HU	10	9	11	14	542	611	662	668
MT								
NL	37	42	36	35	558	678	702	765
AT	5	4	4	4	1 512	1 878	1 961	2 132
PL	158	165	146	146	1 788	2 047	2 503	2 730
PT	5	8	10	12	665	730	801	794
RO	33	54	40	38	506	885	924	1 046
SI	5	3	4	5	417	648	882	1 305
SK					203	294	257	359
FI	13	15	14	17	722	736	764	786
SE	44	45	40	40	1 528	1 828	2 013	2 167
UK	245	170	162	148	478	651	1 220	1 829

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat, SBS, NACE rev.2, sbs_na_ind_r2, June 2013
Methodology and Notes: See Annex 13 – No 3

Number of Enterprises*

Enterprises Survey – EU-28

	2010	2011	2012
B05: Mining of Coal and Lignite	*222*	212	*214*
B06: Extraction of Crude Petroleum and Natural Gas	*314*	384	*397*
B07.21: Mining of Uranium and Thorium Ores			
B08.92: Extraction of Peat	*936*	955	*862*
B09.10: Support Activities for Petroleum and Natural Gas Extraction	*896*	906	*935*
C19: Manufacture of Coke and Refined Petroleum Products	*1 168*	1 114	*1 153*
D35: Electricity, Gas, Steam and Air Conditioning Supply	*52 106*	63 200	*66 750*
D35.1 Electricity	*45 888*	56 429	*60 097*
35.11: Production of Electricity	*41 219*	50 688	*53 982*
35.12: Transmission of Electricity	*198*	244	*260*
35.13: Distribution of Electricity	*2 100*	2 583	*2 751*
35.14: Trade of Electricity	*2 370*	2 914	*3 103*
D35.2 Gas	*1 621*	1 817	*1 807*
35.21: Manufacture of Gas	*221*	248	*247*
35.22: Distribution of Gaseous Fuels through Mains	*723*	810	*805*
35.23: Trade of Gas through Mains	*674*	755	*751*
D35.3 Steam and Air Conditioning	*4 597*	4 900	*4 847*
35.30: Steam and Air Conditioning Supply	*4 597*	4 900	*4 847*
Broad Sector – Total	*55 642*	66 771	*70 311*

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Turnover*

Enterprises Survey

	Mining of Coal and Lignite (B05)				Extraction of Crude Petroleum and Natural Gas (B06)			
Mio €	**2008**	**2010**	**2011**	**2012**	**2008**	**2010**	**2011**	**2012**
EU-28	*16 675*	*15 274*	16 365	*15 314*	*176 436*	*146 789*	172 311	*173 009*
BE	0					0	0	0
BG	327	331	402	348	41	26	98	104
CZ			2 909	2 464				
DK	0	0	0	0	9 240	7 050	8 048	7 803
DE	4 016	3 921	3 209		3 829	2 762	3 142	
EE	0	0	0	0				
IE								
EL	82							
ES	858	596	885	580	78	80	84	108
FR	48		0	0	851	728		892
HR	0			0				
IT					48 042	46 241	60 229	60 229
CY	0	0	0	0	0	0	0	0
LV		0	0	0	0			
LT	0	0	0	0	91	69	95	95
LU	0	0	0	0	0	0	0	0
HU	53	7	9	11	89	81	106	108
MT	0	0			0	0		
NL		0	0	0	37 829	34 862	38 818	43 256
AT	0	0	0	0				
PL	7 212	5 974	6 858	6 785				
PT	0	0	0	0	0	0	0	0
RO	485	358	412	236	5 473	4 191	4 947	5 302
SI								
SK						0		
FI	0	0	0	0	0	0	0	0
SE								
UK	1 025	1 112	1 340		65 154	44 980	50 215	46 251

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Turnover*

Enterprises Survey

	Extraction of Peat (B08.92)				Support Activities for Petroleum and Natural Gas Extraction (B09.1)			
Mio €	**2008**	**2010**	**2011**	**2012**	**2008**	**2010**	**2011**	**2012**
EU-28	*1 651*	*1 837*	1 848	*1 941*	*13 587*	*14 662*	13 604	*14 721*
BE	0	0	0					18
BG		1	2				2	0
CZ								
DK					359			
DE	349	418	387					
EE	72	77	93		0	0	0	0
IE			241			0		
EL		0						
ES	12	11	10		60			123
FR		74	91			302	269	491
HR		0	0					187
IT	0	12	9					393
CY	0	0	0		0	0	0	0
LV		101	105		0	0	0	0
LT	33	40	47		0	0	0	0
LU	0	0	0		0	0	0	0
HU		3	3		146	95	127	133
MT	0	0						
NL								
AT					11	14	11	17
PL	39		46		214	378	367	330
PT	0	0	0					0
RO	1	0	1		973	874	601	614
SI	0	0	0					
SK								
FI	460	554	549		0	0	0	0
SE	38	31	34					202
UK			123		7 537	8 375	7 587	8 479

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Turnover*

Enterprises Survey

	Manufacture of Coke and Refined Petroleum Products (C19)				Electricity, Gas, Steam and Air Conditioning Supply (D35)			
Mio €	**2008**	**2010**	**2011**	**2012**	**2008**	**2010**	**2011**	**2012**
EU-28	*547 992*	*524 277*	608 649	*626 196*	*1 149 804*	*1 352 489*	1 439 488	*1 138 394*
BE		48 074	59 830	68 008		43 772	44 294	40 872
BG					7 313	7 279	8 107	8 447
CZ	5 022		5 120	5 494	30 927		43 622	47 544
DK					20 410	20 378	22 259	20 095
DE	134 361	120 832	138 080	103 234	357 896	426 882	482 458	508 354
EE	180	178	247	291	1 542	1 834	1 876	2 069
IE						6 706	7 279	
EL	17 297	15 340		18 505	5 977	5 943	5 883	5 800
ES	44 349	34 773	48 482	58 640	74 339	59 706	90 549	99 458
FR	69 128	61 248		70 367	106 501	109 649	110 616	120 098
HR				39	3 148	3 684	3 750	4 114
IT	48 948	46 038	52 029	54 340	156 802	160 950	174 304	188 150
CY					738	782	899	1 042
LV		1	1	1	2 391	2 311	2 554	2 785
LT					2 690	3 279	3 268	3 389
LU	0	0	0	0	2 387	1 951	2 659	3 315
HU	9 384	8 298	9 316	9 279	26 853	22 059	20 870	20 147
MT								
NL		37 272	49 060	51 079	38 660	41 197	41 610	41 822
AT				10 855	27 554	29 297	33 013	37 881
PL	28 313	27 575	35 745	37 847	44 091	42 567	44 740	48 158
PT		8 254	9 374		16 855	16 166	17 585	18 245
RO	4 113	3 272	4 380	4 728	13 181	12 078	13 449	13 386
SI	15			4	3 580	4 034	5 293	6 592
SK					11 021	11 351	12 587	14 002
FI				12 169	12 012	14 455	14 044	13 349
SE	1 526				24 824	28 486	28 872	30 722
UK	49 837	44 764	50 054	70 769	107 876	109 515	116 051	132 375

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Turnover*

Enterprises Survey – EU-28

Mio €	2010	2011	2012
B05: Mining of Coal and Lignite	*15 274*	16 365	*15 314*
B06: Extraction of Crude Petroleum and Natural Gas	*146 789*	172 311	*173 009*
B07.21: Mining of Uranium and Thorium Ores			
B08.92: Extraction of Peat	*1 837*	1 848	*1 941*
B09.1: Support Activities for Petroleum and Natural Gas Extraction	*14 662*	13 604	*14 721*
C19: Manufacture of Coke and Refined Petroleum Products	*524 277*	608 649	*626 196*
D35: Electricity, Gas, Steam and Air Conditioning Supply	*1 225 634*	1 352 489	*1 439 488*
D35.1 Electricity	*924 929*	1 066 428	*1 099 629*
35.11: Production of Electricity	*278 883*	321 547	*331 558*
35.12: Transmission of Electricity	*44 642*	51 472	*53 074*
35.13: Distribution of Electricity	*192 173*	221 572	*228 470*
35.14: Trade of Electricity	*409 232*	471 838	*486 527*
D35.2 Gas	*266 405*	250 655	*302 609*
35.21: Manufacture of Gas	*6 432*	6 052	*7 306*
35.22: Distribution of Gaseous Fuels through Mains	*75 704*	71 228	*85 992*
35.23: Trade of Gas through Mains	*184 188*	173 299	*209 219*
D35.3 Steam and Air Conditioning	*34 299*	36 000	*37 250*
35.30: Steam and Air Conditioning Supply	*34 299*	36 000	*37 250*
Broad Sector – Total	*1 928 472*	2 165 266	*2 270 670*

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Number of Persons Declared as Employed*

Enterprises Survey

	Mining of Coal and Lignite (B05)				Extraction of Crude Petroleum and Natural Gas (B06)			
	2008	2010	2011	2012	2008	2010	2011	2012
EU-28	*253 883*	*231 167*	222 400	*215 227*	*88 205*	*81 574*	78 600	*79 266*
BE	0					0	0	0
BG	13 905	13 269	13 301	12 944				
CZ			22 974	22 482				
DK	0	0	0	0	444	566	852	883
DE	38 415	33 672	28 882		3 544	3 754	3 750	
EE	0	0	0	0				
IE								
EL	159							
ES	7 311	6 105	5 439	4 755	215	242	280	326
FR		28	0			814	964	
HR	0			0				
IT					13 047	12 116	13 347	13 347
CY	0	0	0	0	0	0	0	0
LV	18	0	0	0	0	1	13	16
LT	0	0	0	0	351	252	261	279
LU	0	0	0	0	0	0	0	0
HU	121	111	119	205	36	75	83	84
MT	0	0			0	0		
NL		0	0	0	3 076	3 173	3 234	
AT	0	0	0	0				
PL	138 338	124 925	122 061	121 918				
PT	0	0	0	0	0	0	0	0
RO	20 804	18 011	17 071	11 488	38 538	30 546	28 056	26 549
SI							1	1
SK						0		
FI	0	0	0	0	0	0	0	0
SE								
UK	5 944	6 023	6 504		13 405	15 300	13 025	15 099

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Number of Persons Declared as Employed*

Enterprises Survey

	Extraction of Peat (B08.92)				Support Activities for Petroleum and Natural Gas Extraction (B09.1)			
	2008	2010	2011	2012	2008	2010	2011	2012
EU-28	*12 537*	*12 080*	12 100	*12 343*	*47 333*	*50 570*	51 200	*51 660*
BE	0	0	0					60
BG		52	111			14		
CZ							466	547
DK					1 716			
DE	1 912	2 003	1 942					
EE	1 276	1 153	1 105		0	0	0	0
IE			1 511			0		
EL		0						
ES	57	48	39		224			184
FR		248	283			110	156	
HR		0	0					3 031
IT	0	12	19					1 368
CY	0	0	0		0	0	0	0
LV	1 970	1 977	1 972		0	0	0	4
LT	1 229	1 126	1 134		0	0	0	0
LU	0	0	0		0	0	0	0
HU		116	113		1 275	1 089	1 213	1 269
MT	0	0						
NL	36	22	15		2 270			
AT					19	27	23	21
PL	711		639		2 181	4 082	3 885	4 513
PT	0	0	0					0
RO	41	26	39		9 882	6 267	6 938	6 641
SI	0	0	0					
SK								
FI	1 735	1 845	1 864		0	0	0	0
SE	358	306	311					53
UK	634	355	383		18 489	22 879		

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Number of Persons Declared as Employed*

Enterprises Survey

	Manufacture of Coke and Refined Petroleum Products (C19)				Electricity, Gas, Steam and Air Conditioning Supply (D35)			
	2008	2010	2011	2012	2008	2010	2011	2012
EU-28	*135 372*	*128 671*	125 800	*125 628*	*1 243 616*	*1 235 936*	1 230 000	*1 212 344*
BE		4 091	4 060	4 332		19 193	18 415	18 552
BG					36 197	34 191	33 052	33 238
CZ	2 926		2 400	2 236	32 652		32 111	32 817
DK					13 206	11 235	11 124	10 070
DE	19 611	19 452	18 701	19 245	221 450	221 264	223 915	220 631
EE	1 330	1 406	1 483	1 585	6 290	5 681	5 671	5 444
IE						9 206	9 411	
EL	4 557	4 333		3 370	23 955	22 834	21 803	21 614
ES	8 823	8 954	9 280	9 200	47 622	48 687	52 749	48 968
FR		15 095				170 194	172 292	
HR				415	16 849	16 619	16 521	16 494
IT	16 383	16 493	15 564	15 414	84 224	86 414	85 291	85 428
CY					1 427	1 503	1 496	1 463
LV	9	12	26	36	12 185	10 907	10 667	10 884
LT					18 303	15 876	13 305	12 828
LU	0	0	0	0	1 094	1 198	1 265	1 328
HU	6 538	6 329	6 450	6 455	27 387	25 715	25 658	25 240
MT								
NL	6 652	5 908	5 661	5 586	23 869	22 882	24 026	26 458
AT				1 205	28 218	28 685	28 763	28 857
PL	16 606	13 623	13 724	13 502	153 286	162 409	156 750	147 914
PT		1 887	1 831		10 151	9 386	9 236	9 101
RO	5 017	3 960	3 406	2 985	89 511	81 111	79 628	79 658
SI	93			38	7 828	8 207	8 435	8 699
SK					21 641	20 034	18 791	18 365
FI				2 654	13 430	13 463	13 472	13 660
SE	2 748				31 151	31 115	31 169	30 893
UK	9 998		9 254	9 756	121 447	123 965	123 482	120 535

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Number of Persons Declared as Employed*

Enterprises Survey – EU-28

	2010	2011	2012
B05: Mining of Coal and Lignite	*231 167*	222 400	*215 227*
B06: Extraction of Crude Petroleum and Natural Gas	*81 574*	78 600	*79 266*
B07.21: Mining of Uranium and Thorium Ores			
B08.92: Extraction of Peat	*12 080*	12 100	*12 343*
B09.1: Support Activities for Petroleum and Natural Gas Extraction	*50 570*	51 200	*51 660*
C19: Manufacture of Coke and Refined Petroleum Products	*128 671*	125 800	*125 628*
D35: Electricity, Gas, Steam and Air Conditioning Supply	*1 235 936*	1 230 000	*1 212 344*
D35.1 Electricity	*914 151*	916 300	*910 057*
35.11: Production of Electricity	*436 673*	437 700	*434 718*
35.12: Transmission of Electricity	*49 583*	49 700	*49 361*
35.13: Distribution of Electricity	*325 734*	326 500	*324 275*
35.14: Trade of Electricity	*102 160*	102 400	*101 702*
D35.2 Gas	*158 245*	158 800	*158 410*
35.21: Manufacture of Gas	*8 969*	9 000	*8 978*
35.22: Distribution of Gaseous Fuels through Mains	*104 234*	104 600	*104 343*
35.23: Trade of Gas through Mains	*45 042*	45 200	*45 089*
D35.3 Steam and Air Conditioning	*157 238*	154 900	*152 253*
35.30: Steam and Air Conditioning Supply	*157 238*	154 900	*152 253*
Broad Sector – Employment Reported	*1 739 998*	1 720 100	*1 696 468*

* According to the Structural Business Statistics Survey (SBS)
Italics: DG Energy Estimations
Source: Eurostat
Methodology and Notes: See Annex 13 – No 3

Economy

GDP at Current Market Prices

Mrd EUR*	1995	2000	2005	2010	2011	2012	2013
EU-28	7061.1	9242.4	11128.7	12337.1	12711.2	12959.9	13067.7
BE	217.6	252.5	303.4	355.7	369.3	375.9	381.4
BG	10.0	14.0	23.3	36.1	38.5	39.9	39.9
CZ	44.2	63.8	104.6	149.9	155.5	152.9	149.5
DK	139.1	173.6	207.4	236.3	240.5	245.3	249.1
DE	1929.5	2047.5	2224.4	2495.0	2609.9	2666.4	2737.6
EE	2.9	6.2	11.2	14.4	16.2	17.4	18.4
IE	51.9	105.6	162.9	158.1	162.6	163.9	164.1
EL	99.8	136.7	193.0	222.2	208.5	193.3	182.1
ES	456.2	629.9	909.3	1045.6	1046.3	1029.3	1023.0
FR	1202.5	1439.6	1718.0	1936.7	2001.4	2032.3	2059.9
HR	16.9	23.3	36.0	44.4	44.2	43.7	43.3
IT	865.5	1198.3	1436.4	1551.9	1579.9	1566.9	1560.0
CY	7.0	9.9	13.6	17.4	17.9	17.7	16.5
LV	3.8	8.4	12.9	18.0	20.2	22.3	23.4
LT	5.1	12.4	21.0	27.7	31.0	32.9	34.6
LU	15.8	22.0	30.3	39.3	41.7	42.9	45.5
HU	34.8	50.3	88.8	96.2	98.9	97.0	98.1
MT	2.8	4.4	4.9	6.4	6.7	6.9	7.2
NL	320.5	418.0	513.4	586.8	599.0	599.3	602.7
AT	182.5	208.5	245.2	285.2	299.2	307.0	313.2
PL	106.4	185.7	244.4	354.6	370.8	381.5	389.7
PT	89.8	127.3	154.3	172.9	171.1	165.1	165.7
RO	28.7	40.7	79.8	124.3	131.5	131.6	142.2
SI	16.0	21.5	28.7	35.5	36.1	35.3	35.3
SK	15.0	22.0	38.5	65.9	69.0	71.1	72.1
FI	100.1	132.2	157.4	178.7	188.7	192.4	193.4
SE	193.9	268.3	298.4	349.9	385.4	407.8	420.1
UK	902.8	1619.6	1867.1	1731.8	1770.9	1921.9	1899.8

* Units in Milliard – Long Scale = 1000 Million €
Source: DG Economic and Financial Affairs, AMECO, June 2014
Methodology and Notes: See Annex 13 – No 3

GDP per Capita at Current Market Prices

Thousand EUR/cap*	1995	2000	2005	2010	2011	2012	2013
EU-27	14.61	18.96	22.43	24.44	25.13	25.54	25.71
BE	21.46	24.65	28.97	32.69	33.64	34.00	34.31
BG	1.19	1.72	3.01	4.79	5.24	5.47	5.49
CZ	4.28	6.21	10.22	14.26	14.81	14.55	14.22
DK	26.60	32.52	38.27	42.61	43.18	43.87	44.39
DE	23.63	24.91	26.97	30.52	31.91	32.55	33.35
EE	2.00	4.49	8.30	10.72	12.10	13.00	13.76
IE	14.42	27.77	39.16	34.67	35.52	35.72	35.65
EL	9.38	12.52	17.40	19.92	18.75	17.43	16.41
ES	11.58	15.64	20.95	22.69	22.68	22.30	22.21
FR	20.25	23.71	27.29	29.90	30.74	31.06	31.33
HR	3.65	5.22	8.11	10.05	10.17	10.23	10.16
IT	15.23	21.04	24.51	25.66	26.02	25.73	25.55
CY	10.77	14.34	18.41	20.99	21.01	20.51	19.03
LV	1.53	3.56	5.77	8.60	9.82	10.94	11.60
LT	1.42	3.56	6.31	8.95	10.22	11.02	11.70
LU	38.61	50.34	65.00	77.44	80.34	80.75	83.42
HU	3.37	4.93	8.80	9.62	9.92	9.77	9.91
MT	7.52	11.23	12.21	15.56	16.08	16.40	17.01
NL	20.73	26.25	31.47	35.32	35.89	35.78	35.87
AT	22.96	26.02	29.82	34.11	35.67	36.43	36.98
PL	2.78	4.85	6.40	9.21	9.62	9.90	10.12
PT	8.95	12.45	14.62	16.25	16.11	15.61	15.81
RO	1.27	1.81	3.74	6.14	6.53	6.55	7.10
SI	8.06	10.82	14.36	17.32	17.61	17.17	17.13
SK	2.79	4.08	7.14	12.14	12.78	13.15	13.33
FI	19.59	25.54	30.01	33.32	35.03	35.53	35.57
SE	21.97	30.24	33.04	37.31	40.79	42.84	43.76
UK	15.56	27.50	31.00	27.81	28.23	30.17	29.64

* 1 000 € per Capita
Source: DG Economic and Financial Affairs, AMECO, June 2014
Methodology and Notes: See Annex 13 – No 3

GDP at 2005 Market Prices

Mrd EUR*	1995	2000	2005	2010	2011	2012	2013
EU-27	8746.3	10119.6	11128.7	11604.2	11795.3	11752.2	11763.2
BE	243.5	280.3	303.4	321.9	327.6	327.2	328.0
BG	17.6	17.8	23.3	26.6	27.1	27.2	27.5
CZ	78.2	85.6	104.6	119.4	121.6	120.4	119.2
DK	169.2	194.8	207.4	206.7	208.9	208.1	209.0
DE	1969.0	2159.2	2224.4	2375.7	2454.8	2471.8	2482.4
EE	5.7	7.9	11.2	11.2	12.2	12.7	12.8
IE	78.6	128.4	162.9	163.5	167.0	167.3	166.7
EL	133.7	158.4	193.0	193.8	180.0	167.4	161.0
ES	633.3	774.5	909.3	948.2	948.7	933.1	921.7
FR	1387.6	1586.6	1718.0	1772.6	1808.6	1808.8	1812.7
HR	24.5	29.0	36.0	36.9	36.8	36.1	35.7
IT	1244.5	1367.8	1436.4	1418.4	1424.8	1391.0	1365.2
CY	9.6	11.6	13.6	15.3	15.4	15.0	14.2
LV	6.7	8.7	12.9	12.5	13.1	13.8	14.4
LT	11.5	14.4	21.0	22.1	23.4	24.3	25.1
LU	18.9	25.4	30.3	32.7	33.3	33.3	34.0
HU	62.6	72.4	88.8	87.8	89.1	87.7	88.6
MT	3.7	4.6	4.9	5.5	5.6	5.7	5.8
NL	394.3	480.8	513.4	549.3	554.5	547.5	543.0
AT	193.2	225.7	245.2	261.8	269.2	271.5	272.6
PL	161.3	210.0	244.4	307.7	321.6	328.0	333.1
PT	120.3	148.0	154.3	158.5	156.6	151.5	149.4
RO	61.6	60.4	79.8	90.7	92.8	93.4	96.7
SI	19.4	24.1	28.7	31.3	31.6	30.8	30.4
SK	25.6	30.3	38.5	48.4	49.8	50.7	51.2
FI	109.4	138.3	157.4	164.2	168.8	167.1	164.8
SE	219.8	261.3	298.4	323.3	332.8	335.9	341.1
UK	1342.7	1613.3	1867.1	1898.2	1919.5	1924.8	1956.8

* Units in Milliard – Long Scale = 1000 Million €
Source: DG Economic and Financial Affairs, AMECO, June 2014
Methodology and Notes: See Annex 13 – No 3

GDP per Capita at 2005 Market Prices

Thousand EUR/cap*	1995	2000	2005	2010	2011	2012	2013
EU-28	18.10	20.76	22.43	22.99	23.32	23.16	23.14
BE	24.02	27.36	28.97	29.58	29.84	29.60	29.50
BG	2.10	2.18	3.01	3.53	3.68	3.73	3.78
CZ	7.57	8.34	10.22	11.36	11.59	11.45	11.34
DK	32.36	36.50	38.27	37.27	37.51	37.23	37.24
DE	24.11	26.27	26.97	29.06	30.02	30.17	30.24
EE	3.95	5.77	8.30	8.34	9.14	9.50	9.58
IE	21.83	33.74	39.16	35.85	36.49	36.45	36.23
EL	12.57	14.51	17.40	17.37	16.18	15.09	14.51
ES	16.08	19.23	20.95	20.58	20.57	20.21	20.01
FR	23.37	26.13	27.29	27.36	27.78	27.64	27.57
HR	5.31	6.48	8.11	8.34	8.47	8.46	8.38
IT	21.89	24.02	24.51	23.45	23.46	22.84	22.36
CY	14.81	16.72	18.41	18.48	18.09	17.39	16.39
LV	2.69	3.68	5.77	5.94	6.37	6.79	7.14
LT	3.16	4.12	6.31	7.13	7.74	8.13	8.48
LU	46.06	58.12	65.00	64.48	64.20	62.63	62.36
HU	6.06	7.09	8.80	8.78	8.94	8.84	8.96
MT	9.81	11.87	12.21	13.35	13.50	13.48	13.70
NL	25.51	30.20	31.47	33.06	33.22	32.69	32.32
AT	24.31	28.17	29.82	31.31	32.09	32.23	32.19
PL	4.22	5.49	6.40	7.99	8.35	8.51	8.65
PT	11.99	14.48	14.62	14.90	14.74	14.32	14.26
RO	2.72	2.69	3.74	4.48	4.61	4.65	4.82
SI	9.78	12.09	14.36	15.30	15.38	14.96	14.77
SK	4.78	5.61	7.14	8.91	9.23	9.38	9.46
FI	21.41	26.71	30.01	30.61	31.33	30.86	30.30
SE	24.90	29.45	33.04	34.48	35.22	35.29	35.52
UK	23.14	27.40	31.00	30.49	30.60	30.21	30.53

* 1 000 € '2005 per Capita
Source: DG Economic and Financial Affairs, AMECO, June 2014
Methodology and Notes: See Annex 13 – No 3

Demography

Population

On 1st January

Thousand Inhab	1995	2000	2005	2010	2011	2012*	2013*
EU-28	483 265	487 484	496 049	504 846	505 773	507 417	508 367
BE	10 137	10 246	10 474	10 883	10 978	11 054	11 116
BG	8 406	8 170	7 719	7 534	7 348	7 306	7 271
CZ	10 331	10 273	10 234	10 517	10 497	10 509	10 513
DK	5 230	5 338	5 419	5 546	5 569	5 590	5 612
DE	81 661	82 188	82 464	81 757	81 779	81 917	82 098
EE	1 448	1 372	1 348	1 340	1 340	1 340	1 340
IE	3 601	3 804	4 160	4 560	4 577	4 590	4 602
EL	10 634	10 917	11 093	11 153	11 123	11 093	11 093
ES	39 388	40 264	43 398	46 073	46 125	46 163	46 062
FR	59 384	60 725	62 958	64 781	65 115	65 433	65 741
HR	4 620	4 468	4 443	4 419	4 344	4 269	4 263
IT	56 844	56 942	58 607	60 483	60 724	60 905	61 049
CY	651	694	739	829	851	864	867
LV	2 485	2 368	2 239	2 097	2 059	2 034	2 014
LT	3 629	3 500	3 323	3 097	3 028	2 988	2 958
LU	410	437	466	508	519	532	545
HU	10 329	10 211	10 087	10 000	9 972	9 920	9 894
MT	378	390	404	414	416	420	423
NL	15 460	15 922	16 317	16 612	16 693	16 752	16 800
AT	7 948	8 012	8 225	8 361	8 389	8 426	8 469
PL	38 275	38 259	38 165	38 514	38 534	38 536	38 514
PT	10 030	10 226	10 549	10 637	10 622	10 579	10 481
RO	22 673	22 435	21 320	20 247	20 148	20 096	20 046
SI	1 989	1 989	2 001	2 049	2 053	2 057	2 059
SK	5 363	5 401	5 387	5 430	5 398	5 406	5 413
FI	5 108	5 176	5 246	5 363	5 388	5 414	5 439
SE	8 827	8 872	9 030	9 379	9 450	9 520	9 601
UK	58 025	58 886	60 235	62 262	62 735	63 705	64 087

* Preliminary Data
Source: DG Economic and Financial Affairs, AMECO, June 2014
Methodology and Notes: See Annex 13 – No 3

PART 4

Environment Indicators in the EU

Summary

Gases Emissions

GHGs Emissions

EU-28 and MS – Total

Million ton CO_2 equiv.	1995	2000	2005	2010	2012
EU-28	5 451	5 372	5 477	5 039	4 824
Index 1995	100 %	99 %	100 %	92 %	89 %
BE	166.2	166.6	170.6	159.4	140.2
BG	77.7	59.9	64.6	61.1	61.8
CZ	152.4	147.0	147.0	138.0	132.4
DK	83.1	75.0	69.1	66.0	55.7
DE	1 139.5	1 067.1	1 025.8	980.1	972.9
EE	20.4	17.6	18.9	20.7	19.8
IE	60.4	70.5	72.5	64.7	60.7
EL	124.1	140.9	147.1	128.9	121.0
ES	339.5	409.4	468.8	386.9	381.3
FR	571.0	584.5	583.4	540.5	514.5
HR	23.8	26.9	31.0	29.2	26.7
IT	540.1	563.6	590.4	515.9	475.2
CY	8.5	10.3	11.7	11.4	10.7
LV	13.1	10.1	12.1	13.2	12.1
LT	22.6	20.0	23.9	21.7	22.2
LU	10.7	10.7	14.4	13.5	13.0
HU	79.0	77.2	79.2	68.3	62.5
MT	3.3	4.1	7.1	6.7	7.2
NL	266.3	265.6	274.6	262.8	245.4
AT	81.1	82.1	94.6	86.9	82.2
PL	442.3	397.8	400.8	409.7	401.4
PT	74.1	87.8	91.5	74.9	73.6
RO	175.9	134.5	141.7	116.3	119.2
SI	18.6	19.0	20.5	19.6	19.2
SK	53.3	49.0	50.4	45.5	42.8
FI	72.7	72.3	71.6	76.7	63.2
SE	79.2	75.4	75.6	74.0	65.7
UK	751.8	727.4	718.0	646.6	622.0

Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

GHGs Emissions

EU-28 and MS – Fuel Combustion

	2012							
Million ton CO_2 equiv.	Fuel Combustion	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Combustion and Fugitive Emissions
EU-28	3 604	1 409	533	893	176	425	78	90
Share (%)	74.7%	29.2%	11.0%	18.5%	3.6%	8.8%	1.6%	1.9%
BE	94.4	22.9	21.0	24.9	5.9	17.0	2.2	0.5
BG	47.2	31.6	3.3	8.4	0.3	1.4	0.5	1.6
CZ	107.1	57.4	16.6	16.9	3.3	7.5	0.2	5.2
DK	39.0	16.8	4.3	12.2	0.8	2.3	2.1	0.4
DE	786.0	364.8	115.1	155.5	38.2	94.5	6.4	11.6
EE	16.9	13.1	0.8	2.3	0.0	0.3	0.3	0.1
IE	37.1	12.8	4.3	10.9	2.1	6.2	0.8	0.0
EL	87.2	54.7	5.5	16.1	1.3	7.1	1.0	1.5
ES	265.5	91.9	46.4	80.7	13.5	17.6	11.0	4.4
FR	351.4	52.7	63.5	132.5	29.1	57.5	11.4	4.6
HR	18.9	5.6	2.8	5.7	0.5	1.8	0.7	1.7
IT	379.9	126.3	54.9	106.1	28.2	49.3	7.5	7.6
CY	6.6	3.6	0.4	2.1	0.0	0.4	0.1	0.0
LV	7.2	1.9	1.0	2.8	0.5	0.7	0.4	0.1
LT	11.9	4.4	1.3	4.5	0.3	0.9	0.1	0.3
LU	10.5	1.0	1.3	6.5	0.6	0.9	0.1	0.0
HU	45.5	16.5	4.0	10.8	3.4	7.6	0.9	2.2
MT	2.8	2.1	0.1	0.6	0.1	0.0	0.0	
NL	161.9	60.3	25.9	34.0	11.2	18.3	10.1	2.2
AT	59.7	12.4	15.6	21.6	1.4	7.2	0.9	0.5
PL	319.7	169.6	30.9	46.8	9.2	36.1	11.0	16.0
PT	47.9	17.4	7.5	17.0	1.1	2.3	1.1	1.4
RO	82.2	32.5	15.4	15.1	2.0	7.6	1.2	8.5
SI	15.5	6.0	1.6	5.8	0.4	1.1	0.2	0.3
SK	29.3	9.5	7.2	6.6	0.7	3.1	0.1	2.1
FI	47.8	20.7	8.4	12.7	1.0	1.7	1.5	1.8
SE	42.1	10.3	8.5	19.1	0.5	1.1	1.6	1.1
UK	482.5	190.2	65.5	114.8	20.1	73.6	4.7	13.6

Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

GHGs Emissions

EU-28 and MS – Other Than Fuel Combustion

	2012				
Million ton CO_2 equiv.	Industrial Processes and Solvent Use	Agriculture	Waste and Other	International Aviation	International Maritime Transport
EU-28	331	469	141	135	146
Share (%)	6.9%	9.7%	2.9%	2.8%	3.0%
BE	11.4	9.3	1.5	4.1	19.6
BG	3.9	6.3	3.6	0.5	0.2
CZ	12.6	8.1	3.8	1.0	
DK	1.9	9.6	1.1	2.5	1.5
DE	70.0	69.5	13.6	25.6	8.2
EE	0.7	1.3	0.3	0.1	0.5
IE	2.5	18.0	1.0	1.8	0.4
EL	9.9	9.1	4.7	2.5	7.4
ES	24.7	37.7	12.9	13.6	26.9
FR	36.8	89.3	12.6	16.3	8.0
HR	3.0	3.4	1.1	0.3	
IT	29.7	34.3	16.2	9.4	5.7
CY	0.9	0.8	1.0	0.8	0.6
LV	0.7	2.4	0.6	0.4	0.8
LT	3.7	5.1	1.0	0.2	0.4
LU	0.6	0.7	0.1	1.1	0.0
HU	4.6	8.7	3.2	0.5	
MT	0.2	0.1	0.1	0.3	3.7
NL	10.1	15.9	3.7	10.2	43.6
AT	11.2	7.5	1.7	2.1	0.1
PL	27.7	36.7	15.2	1.7	0.5
PT	5.4	7.2	8.2	2.7	2.1
RO	12.5	18.2	5.8	0.4	0.0
SI	1.1	1.9	0.5	0.1	0.2
SK	8.2	3.1	2.2	0.1	0.0
FI	5.4	5.7	2.1	1.9	0.4
SE	6.2	7.6	1.6	2.2	5.9
UK	24.9	51.8	21.6	32.3	8.8

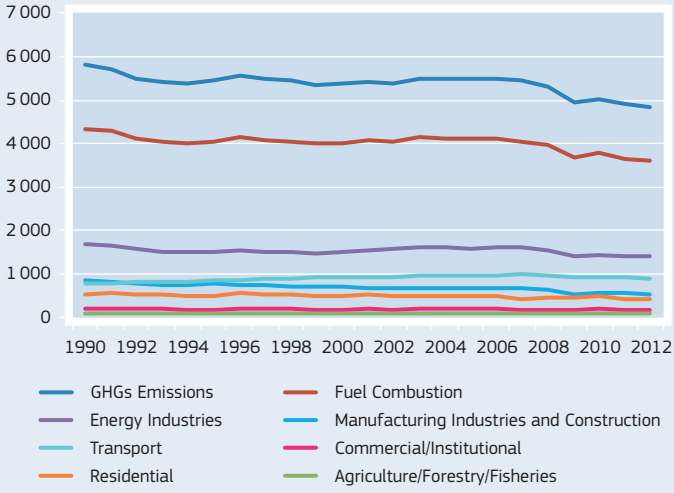
Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

GHGs Emissions

EU-28 – Total and Fuel Combustion

Million ton CO_2 equiv.	GHGs Emissions	Fuel Combustion	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries
1990	5 806	4 325	1 676	861	783	201	523	97
1995	5 451	4 058	1 519	767	838	183	508	92
1996	5 570	4 166	1 549	756	864	200	556	95
1997	5 484	4 066	1 502	746	877	185	522	92
1998	5 457	4 057	1 520	717	905	184	511	89
1999	5 349	3 994	1 477	697	924	183	498	89
2000	5 372	4 004	1 508	707	918	177	483	87
2001	5 427	4 080	1 548	683	932	194	518	87
2002	5 388	4 050	1 566	665	943	183	491	85
2003	5 481	4 136	1 617	675	953	184	505	86
2004	5 500	4 130	1 603	673	973	188	497	86
2005	5 477	4 103	1 595	663	971	185	495	86
2006	5 487	4 107	1 609	658	979	191	483	83
2007	5 440	4 044	1 617	659	989	170	429	80
2008	5 327	3 961	1 538	633	967	182	462	81
2009	4 936	3 678	1 414	528	941	178	445	79
2010	5 039	3 783	1 436	568	936	189	483	81
2011	4 900	3 642	1 413	553	926	171	408	80
2012	4 824	3 604	1 409	533	893	176	425	78

GHGs Emissions – EU-28 – Total and Fuel Combustion (Million ton CO_2 equiv.)



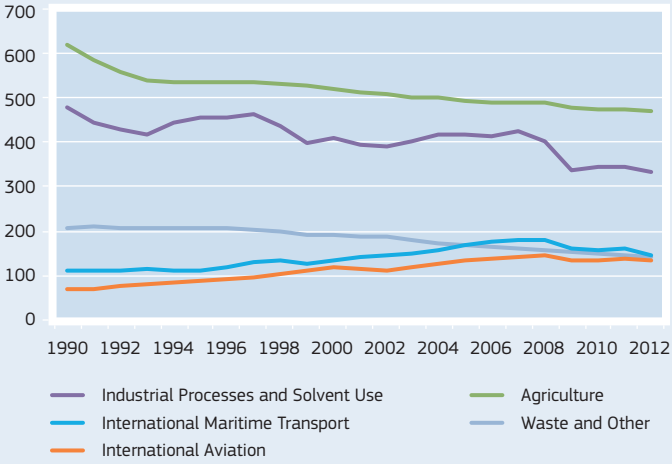
Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

GHGs Emissions

EU-28 – Other Than Fuel Combustion

Million ton CO_2 equiv.	Industrial Processes and Solvent Use	Agriculture	Waste and Other	International Aviation	International Maritime Transport
1990	479	617	206	70	110
1995	455	533	207	87	111
1996	454	535	205	91	118
1997	460	534	201	95	128
1998	434	532	199	102	133
1999	396	528	192	110	127
2000	407	521	190	116	134
2001	394	512	186	115	140
2002	390	507	185	112	144
2003	402	499	179	117	148
2004	417	500	171	125	157
2005	416	493	166	132	166
2006	413	490	164	138	176
2007	424	490	160	142	179
2008	400	489	156	143	177
2009	335	478	152	133	160
2010	345	475	147	132	156
2011	342	475	144	136	161
2012	331	469	141	135	146

GHGs Emissions – EU-28 – Other Than Fuel Combustion (Million ton CO_2 equiv.)



Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

CO_2 Emissions

EU-28 and MS – Total

Million ton CO_2	1995	2000	2005	2010	2012
EU-28	4 365	4 384	4 559	4 194	3 995
Index 1995	100 %	100 %	104 %	96 %	92 %
BE	140.2	145.8	152.8	142.2	124.3
BG	59.8	46.0	51.2	48.5	49.1
CZ	129.5	126.7	127.2	118.1	112.2
DK	67.8	60.3	56.2	53.4	43.4
DE	952.6	918.0	892.8	862.8	855.2
EE	18.3	15.5	16.9	18.6	17.7
IE	36.8	47.0	50.5	44.0	40.2
EL	100.3	116.5	124.4	107.6	100.3
ES	280.1	337.1	402.5	319.7	316.8
FR	413.1	435.4	446.0	409.9	387.4
HR	17.5	20.3	23.8	21.6	19.5
IT	454.7	474.5	504.1	441.4	401.6
CY	6.8	8.5	9.7	9.2	8.5
LV	9.6	7.1	8.7	9.7	8.6
LT	15.6	12.2	14.6	14.3	14.8
LU	9.8	9.7	13.4	12.5	12.0
HU	61.9	58.7	60.7	52.3	46.6
MT	3.0	3.9	6.7	6.3	6.8
NL	213.7	222.4	240.9	234.7	218.8
AT	65.3	67.7	81.4	74.5	69.9
PL	362.2	320.5	320.3	331.8	323.0
PT	57.1	69.4	73.0	56.7	55.1
RO	126.9	93.3	99.7	80.4	84.3
SI	15.1	15.3	16.8	16.3	15.9
SK	44.7	41.1	42.0	37.6	35.3
FI	59.9	59.9	59.4	65.8	53.0
SE	63.9	60.8	61.8	61.1	53.6
UK	579.1	590.6	601.0	542.6	521.2

Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

CO_2 Emissions

EU-28 and MS – Fuel Combustion

	2012							
Million ton CO_2	Fuel Combustion	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Combustion and Fugitive Emissions
EU-28	3 495	1 396	526	882	174	410	74	32
Share (%)	87.5 %	34.9 %	13.2 %	22.1 %	4.4 %	10.3 %	1.9 %	0.8 %
BE	92.9	22.7	20.7	24.7	5.9	16.7	2.1	0.1
BG	45.0	31.4	3.3	8.3	0.3	1.1	0.5	0.0
CZ	101.6	57.1	16.5	16.2	3.3	6.9	0.2	1.4
DK	38.2	16.5	4.2	12.1	0.8	2.1	2.1	0.3
DE	768.0	360.1	114.1	153.9	38.0	93.3	6.2	2.4
EE	16.6	13.0	0.8	2.3	0.0	0.2	0.3	0.0
IE	36.5	12.6	4.3	10.8	2.1	6.0	0.7	
EL	85.0	54.5	5.5	15.8	1.3	6.9	0.9	0.0
ES	260.5	91.1	45.5	79.8	13.2	16.7	10.9	3.3
FR	344.3	52.1	62.6	130.9	28.7	55.4	11.3	3.4
HR	17.5	5.6	2.8	5.6	0.5	1.7	0.7	0.5
IT	368.5	125.6	53.7	104.8	27.7	47.3	6.8	2.5
CY	6.5	3.5	0.4	2.1	0.0	0.4	0.1	0.0
LV	6.8	1.9	0.9	2.7	0.4	0.5	0.4	0.0
LT	11.3	4.4	1.3	4.5	0.3	0.8	0.1	0.0
LU	10.3	1.0	1.3	6.4	0.6	0.9	0.1	0.0
HU	42.9	16.5	4.0	10.7	3.3	7.3	0.9	0.2
MT	2.8	2.1	0.1	0.5	0.1	0.0	0.0	
NL	159.0	59.9	25.8	33.7	11.1	17.9	9.2	1.4
AT	58.5	12.3	15.4	21.4	1.4	6.9	0.8	0.3
PL	302.1	168.6	30.6	46.1	9.1	33.5	10.4	3.7
PT	46.7	17.3	7.4	16.8	1.1	2.0	1.0	1.0
RO	73.4	32.4	15.3	14.9	2.0	6.5	1.2	1.2
SI	14.9	6.0	1.6	5.7	0.4	0.9	0.2	0.1
SK	28.0	9.4	7.2	6.5	0.7	3.1	0.1	1.0
FI	46.5	20.4	8.2	12.5	1.0	1.4	1.5	1.5
SE	40.6	9.7	8.2	18.9	0.5	0.8	1.5	1.0
UK	470.1	188.3	64.5	113.8	20.1	73.0	4.2	6.3

Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

CO_2 Emissions

EU-28 and MS – Other Than Fuel Combustion

	2012			
Million ton CO_2	Industrial Processes and Solvent Use	Waste and Other	International Aviation	International Maritime Transport
EU-28	219	3	133	145
Share (%)	5.5 %	0.1 %	3.3 %	3.6 %
BE	7.2	0.5	4.0	19.6
BG	3.3	0.0	0.5	0.2
CZ	9.5	0.2	0.9	
DK	1.2	0.0	2.5	1.5
DE	53.7		25.3	8.2
EE	0.5	0.0	0.1	0.5
IE	1.5	0.0	1.7	0.4
EL	5.5	0.0	2.5	7.3
ES	16.1	0.0	13.5	26.6
FR	17.7	1.2	16.2	8.0
HR	1.8	0.0	0.3	
IT	18.0	0.2	9.3	5.6
CY	0.6		0.8	0.6
LV	0.6	0.0	0.4	0.8
LT	2.9	0.0	0.2	0.4
LU	0.5		1.1	0.0
HU	3.1	0.1	0.5	
MT	0.0	0.0	0.3	3.7
NL	6.2		10.1	43.4
AT	9.2	0.0	2.1	0.0
PL	18.5	0.3	1.7	0.5
PT	3.6	0.0	2.7	2.1
RO	10.5	0.0	0.4	0.0
SI	0.8	0.0	0.1	0.2
SK	7.3	0.0	0.1	0.0
FI	4.2		1.9	0.4
SE	5.0	0.1	2.2	5.8
UK	10.1	0.3	32.0	8.8

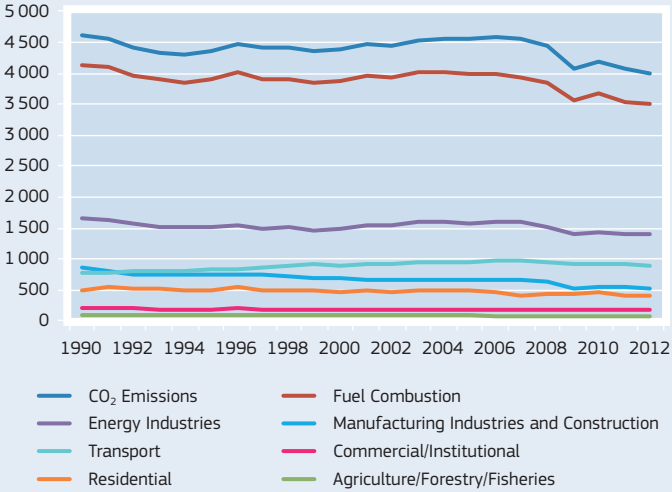
Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

CO_2 Emissions

EU-28 – Total and Fuel Combustion

Million ton CO_2	CO_2 Emissions	Fuel Combustion	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries
1990	4 615	4 136	1 665	852	769	199	504	93
1995	4 365	3 895	1 508	759	822	181	492	89
1996	4 477	4 003	1 539	748	847	198	538	91
1997	4 400	3 907	1 492	738	860	183	505	88
1998	4 409	3 907	1 509	709	887	183	495	85
1999	4 345	3 849	1 467	689	907	182	483	85
2000	4 384	3 864	1 498	699	903	175	468	83
2001	4 459	3 944	1 537	675	918	192	503	83
2002	4 434	3 918	1 555	657	929	182	478	82
2003	4 539	4 006	1 606	667	940	183	491	82
2004	4 567	4 005	1 592	665	960	187	483	82
2005	4 559	3 981	1 583	655	959	183	481	83
2006	4 586	3 988	1 597	650	967	189	469	80
2007	4 542	3 931	1 605	651	977	168	415	76
2008	4 441	3 848	1 526	625	955	181	447	77
2009	4 078	3 570	1 402	522	930	176	431	75
2010	4 194	3 674	1 423	560	925	187	468	77
2011	4 062	3 534	1 401	546	915	169	394	75
2012	3 995	3 495	1 396	526	882	174	410	74

CO_2 Emissions – EU-28 – Total and Fuel Combustion (Million ton CO_2)



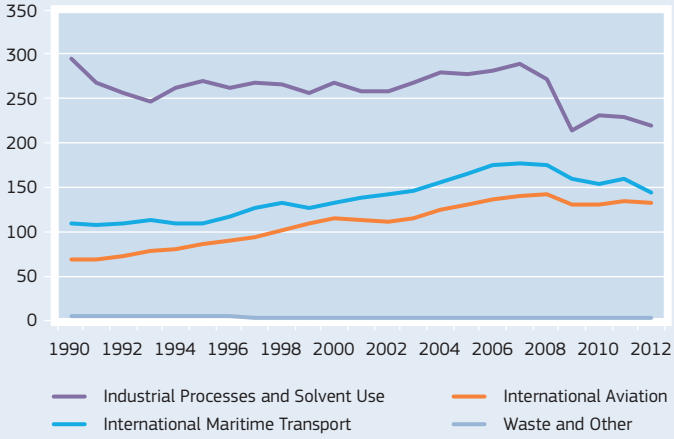
Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

CO_2 Emissions

EU-28 – Other Than Fuel Combustion

Million ton CO_2	Industrial Processes and Solvent Use	Waste and Other	International Aviation	International Maritime Transport
1990	296	5	69	109
1995	271	4	86	110
1996	263	4	90	117
1997	269	4	94	126
1998	266	4	101	132
1999	257	3	109	126
2000	269	3	115	133
2001	258	3	114	139
2002	258	3	111	143
2003	267	3	115	147
2004	279	3	124	156
2005	278	4	131	165
2006	282	4	137	175
2007	290	3	141	178
2008	272	3	142	176
2009	214	3	131	159
2010	231	3	131	155
2011	230	3	135	159
2012	219	3	133	145

CO_2 Emissions – EU-28 – Other Than Fuel Combustion (Million ton CO_2)



Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

Main Emissions Indicators

CO_2 per Capita

kg CO_2/cap	1995	2000	2005	2010	2012
EU-28	9 033	8 994	9 190	8 307	7 873
Index 1995	100 %	100 %	102 %	92 %	87 %
BE	13 827	14 235	14 591	13 065	11 245
BG	7 114	5 626	6 635	6 442	6 715
CZ	12 534	12 338	12 427	11 232	10 678
DK	12 973	11 303	10 363	9 629	7 770
DE	11 665	11 170	10 826	10 553	10 440
EE	12 658	11 329	12 575	13 888	13 238
IE	10 206	12 349	12 130	9 658	8 747
EL	9 436	10 670	11 217	9 645	9 039
ES	7 112	8 373	9 275	6 940	6 862
FR	6 956	7 169	7 084	6 327	5 920
HR	3 788	4 549	5 358	4 886	4 566
IT	7 998	8 333	8 601	7 298	6 594
CY	10 430	12 188	13 070	11 134	9 842
LV	3 859	2 988	3 908	4 604	4 209
LT	4 307	3 485	4 388	4 611	4 939
LU	23 875	22 289	28 781	24 711	22 548
HU	5 989	5 753	6 020	5 235	4 694
MT	8 039	10 065	16 702	15 158	16 238
NL	13 824	13 965	14 764	14 129	13 062
AT	8 216	8 456	9 898	8 906	8 290
PL	9 463	8 376	8 394	8 615	8 381
PT	5 689	6 784	6 922	5 332	5 210
RO	5 599	4 158	4 675	3 971	4 195
SI	7 576	7 681	8 408	7 941	7 731
SK	8 330	7 606	7 795	6 919	6 536
FI	11 718	11 581	11 330	12 268	9 786
SE	7 240	6 856	6 839	6 514	5 635
UK	9 981	10 030	9 978	8 715	8 182

Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

Carbon GDP Intensity

ton CO_2/M€ '05	1995	2000	2005	2010	2012
EU-28	499	433	410	361	340
Index 1995	100 %	87 %	82 %	72 %	68 %
BE	576	520	504	442	380
BG	3 396	2 581	2 202	1 827	1 802
CZ	1 657	1 480	1 215	989	932
DK	401	310	271	258	209
DE	484	425	401	363	346
EE	3 202	1 964	1 515	1 665	1 394
IE	467	366	310	269	240
EL	751	736	645	555	599
ES	442	435	443	337	339
FR	298	274	260	231	214
HR	714	702	661	586	540
IT	365	347	351	311	289
CY	704	729	710	603	566
LV	1 436	812	677	775	620
LT	1 362	846	695	646	607
LU	518	384	443	383	360
HU	988	812	684	597	531
MT	820	848	1 368	1 136	1 204
NL	542	462	469	427	400
AT	338	300	332	284	257
PL	2 245	1 526	1 311	1 078	985
PT	474	469	473	358	364
RO	2 060	1 544	1 249	886	903
SI	775	635	586	519	517
SK	1 743	1 356	1 091	777	697
FI	547	434	378	401	317
SE	291	233	207	189	160
UK	431	366	322	286	271

Source: EEA, UNFCCC v_15, May 2014
Methodology and Notes: See Appendix 13 – No 4

PART 5

Country Profiles

Summary

European Union 28

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**964.9**	**947.3**	**906.3**	**845.0**	**815.9**	**809.6**
Solid Fuels	279.8	214.6	196.0	164.8	167.6	167.5
of which Hard Coal	174.9	120.7	100.1	74.8	72.7	73.2
Petroleum and Products	177.5	175.7	137.9	109.5	96.7	89.9
of which Crude and NGL	172.3	169.9	129.9	94.5	82.4	74.2
Gases	191.4	209.4	190.8	159.9	141.8	133.4
of which Natural Gas	191.0	209.2	190.7	159.9	141.8	133.4
Nuclear	227.3	243.8	257.5	236.6	234.0	227.7
Renewables	83.1	97.1	115.9	163.0	162.2	177.4
Wastes, Non-Renewable	5.7	6.5	8.2	11.1	13.6	13.6
Net Imports	**734.3**	**825.9**	**979.2**	**954.3**	**943.6**	**922.8**
Solid Fuels	78.4	98.3	125.4	111.6	119.9	123.9
of which Hard Coal	76.6	94.3	122.8	111.0	120.1	125.1
Petroleum and Products	508.4	531.8	597.0	558.6	545.1	531.7
of which Crude and NGL	471.5	501.8	564.4	523.9	514.8	529.0
Gases	145.5	193.4	254.1	277.8	271.0	258.6
of which Natural Gas	145.5	193.4	254.1	277.8	271.0	258.6
Renewables	0.3	0.3	1.4	5.6	6.9	6.8
Electricity	1.8	2.0	1.4	0.7	0.7	1.6
Gross Inland Consumption	**1 671.0**	**1 726.9**	**1 824.2**	**1 759.7**	**1 699.5**	**1 683.5**
Solid Fuels	365.0	321.3	318.1	282.9	287.5	293.9
of which Hard Coal	257.6	221.5	220.4	191.8	192.7	200.0
Petroleum and Products	651.7	659.6	676.5	612.4	590.9	569.2
of which Crude and NGL	646.0	673.7	694.4	619.1	601.8	602.4
Gases	336.1	396.1	445.3	447.2	403.8	392.8
of which Natural Gas	335.6	395.9	445.2	447.1	403.8	392.8
Nuclear	227.3	243.8	257.5	236.6	234.0	227.7
Renewables	83.4	97.5	117.1	168.9	168.9	184.4
Electricity	1.8	2.0	1.4	0.7	0.7	1.6
Wastes, Non-Renewable	5.7	6.5	8.2	11.2	13.7	13.7
Primary Energy Intensity	**1 565.6**	**1 616.6**	**1 710.5**	**1 653.5**	**1 596.4**	**1 584.8**
Available for Final Consumption	**1 184.6**	**1 235.8**	**1 304.3**	**1 270.8**	**1 216.3**	**1 201.2**
Final Non-Energy Consumption	**105.5**	**110.3**	**113.7**	**106.2**	**103.1**	**98.6**
Final Energy Consumption	**1 078.7**	**1 131.0**	**1 188.5**	**1 159.8**	**1 108.0**	**1 104.5**
by Fuel/Product						
Solid Fuels	83.0	62.2	53.3	49.8	48.7	47.4
Petroleum and Products	464.2	489.6	504.9	458.2	445.3	431.3
Gases	247.2	267.5	281.2	273.0	244.6	252.8
Biomass and Renewable Wastes	42.5	47.2	54.0	76.1	74.4	77.1
Solar	0.3	0.4	0.7	1.5	1.7	1.8
Geothermal	0.4	0.4	0.6	0.5	0.5	0.5
Electricity	194.3	217.6	239.5	244.4	239.9	240.6
Derived heat	45.4	44.6	52.4	53.4	48.0	48.3
Wastes, Non-Renewable	1.5	1.3	1.8	2.9	4.8	4.6
by Sector						
Industry	329.5	332.3	329.7	290.7	289.4	282.8
Transport	306.7	345.1	369.6	363.7	361.9	351.7
Households	283.6	294.3	304.5	311.1	277.6	289.2
Services	115.3	116.9	143.7	157.3	146.5	148.7
Agriculture and Fishing	31.6	28.7	28.2	25.6	25.0	25.0
Other	12.1	13.6	12.8	11.6	7.6	7.2

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

European Union 28

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**618.5**	**681.1**	**758.1**	**884.8**	**922.9**	**952.1**
Combustible Fuels	353.3	391.5	435.1	488.7	492.1	495.2
Nuclear	128.4	136.6	135.0	131.7	132.1	123.2
Hydro	133.5	139.0	143.4	147.5	148.7	148.9
Wind	2.4	12.7	40.4	84.6	94.2	106.3
Solar PV	0.0	0.2	2.3	29.4	51.3	68.7
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	1.0	1.1	2.4	6.8
Gross Electricity Generation (TWh)	**2 742.7**	**3 035.9**	**3 325.1**	**3 364.4**	**3 295.1**	**3 295.2**
Solid Fuels	945.9	933.7	960.6	830.2	851.6	901.8
Petroleum and Products	230.3	181.3	142.8	86.8	72.5	72.5
Gases	294.1	512.9	704.2	797.8	733.8	614.7
Nuclear	880.8	945.0	997.7	916.6	906.7	882.4
Renewables	382.2	448.8	495.1	709.6	705.9	798.7
Wastes, non-RES	8.8	12.6	14.4	19.0	20.2	20.6
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)				105.6	106.0	
CHP Electricity Generation (TWh)				394.6	377.7	
CHP in Total Electricity Generation (%)				11.7 %	11.5 %	
CHP Heat Production (PJ)				3 038.4	2 994.0	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	300 172	337 373	358 141	342 490	339 749	328 800
Motor Gasoline	138 159	134 100	115 398	91 366	87 471	82 369
Gas/Diesel Oil	123 249	153 225	186 210	194 695	194 696	190 599
Final Consumption Biofuels	216	710	3 019	13 088	13 635	14 501
Biogasoline	24	58	556	2 832	2 887	2 852
Biodiesel	188	637	2 309	10 216	10 726	11 637
Main Energy Indicators						
Energy Intensity (toe/M€'05)	191	171	164	152	144	143
Energy per Capita (kgoe/cap)	3 458	3 542	3 678	3 486	3 360	3 318
Final Electricity per Capita (KWh/cap)	4 676	5 192	5 616	5 631	5 516	5 515
Primary Efficiency (toe/M€'05)	179	160	154	142	135	135
Import Dependency (%)	**43.0 %**	**46.7 %**	**52.2 %**	**52.7 %**	**53.9 %**	**53.4 %**
on Solid Fuels	21.5 %	30.6 %	39.4 %	39.4 %	41.7 %	42.2 %
on Hard Coal	29.7 %	42.6 %	55.7 %	57.9 %	62.3 %	62.5 %
on Petroleum Fuels	74.0 %	75.7 %	82.1 %	84.4 %	85.1 %	86.4 %
on Crude and NGL	73.0 %	74.5 %	81.3 %	84.6 %	85.5 %	87.8 %
on Natural Gas	43.4 %	48.9 %	57.1 %	62.1 %	67.1 %	65.8 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				12.5 %	12.9 %	14.1 %
RES-H&C – Heating and Cooling				14.2 %	15.0 %	15.6 %
RES-E – Electricity Generation				19.7 %	21.7 %	23.5 %
RE-T – Transport				4.8 %	3.4 %	5.1 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	4 365	4 384	4 559	4 194	4 062	3 995
GHGs Emissions	5 451	5 372	5 477	5 039	4 900	4 824
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	9 033	8 994	9 190	8 307	8 031	7 873
Carbon Intensity (kg CO_2/toe)	2 612	2 539	2 499	2 383	2 390	2 373
CO_2 GDP Intensity (ton CO_2/M€'05)	499	433	410	361	344	340

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

Belgium

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**11.8**	**13.6**	**13.7**	**15.2**	**18.3**	**16.3**
Solid Fuels	0.3	0.2	0.1			
of which Hard Coal	0.3	0.2	0.1			
Petroleum and Products			0.0	0.1	0.6	0.6
of which Crude and NGL						
Gases	0.0	0.0				
of which Natural Gas	0.0	0.0				
Nuclear	10.7	12.4	12.3	12.4	12.4	10.4
Renewables	0.4	0.5	0.9	2.0	2.5	2.8
Wastes, Non-Renewable	0.4	0.4	0.5	0.8	2.7	2.5
Net Imports	**46.8**	**50.4**	**53.1**	**53.7**	**49.1**	**46.1**
Solid Fuels	9.4	7.2	5.2	3.6	3.4	2.8
of which Hard Coal	8.9	6.6	5.0	3.7	3.5	3.0
Petroleum and Products	26.5	29.4	32.3	32.7	29.8	27.8
of which Crude and NGL	26.3	34.0	31.6	33.2	29.8	31.6
Gases	10.4	13.3	14.8	16.8	15.2	14.2
of which Natural Gas	10.4	13.3	14.8	16.8	15.2	14.2
Renewables	0.1	0.1	0.3	0.6	0.4	0.5
Electricity	0.4	0.4	0.5	0.0	0.2	0.9
Gross Inland Consumption	**53.9**	**59.2**	**58.7**	**61.0**	**59.7**	**56.3**
Solid Fuels	8.7	7.9	5.1	3.7	3.4	3.0
of which Hard Coal	8.2	7.3	4.9	3.7	3.4	3.2
Petroleum and Products	22.7	24.0	24.4	24.6	22.9	21.9
of which Crude and NGL	26.4	34.0	31.8	33.3	29.7	31.6
Gases	10.6	13.4	14.7	17.0	15.1	14.4
of which Natural Gas	10.6	13.4	14.7	17.0	15.1	14.4
Nuclear	10.7	12.4	12.3	12.4	12.4	10.4
Renewables	0.5	0.6	1.2	2.6	2.9	3.3
Electricity	0.4	0.4	0.5	0.0	0.2	0.9
Wastes, Non-Renewable	0.4	0.4	0.5	0.8	2.7	2.5
Primary Energy Intensity	**48.1**	**52.4**	**51.2**	**52.8**	**52.0**	**48.7**
Available for Final Consumption	**40.0**	**44.7**	**44.4**	**46.3**	**45.5**	**43.6**
Final Non-Energy Consumption	**5.8**	**6.7**	**7.5**	**8.3**	**7.7**	**7.6**
Final Energy Consumption	**34.5**	**37.6**	**36.8**	**37.5**	**37.8**	**36.6**
by Fuel/Product						
Solid Fuels	3.3	3.4	2.0	1.7	1.6	1.3
Petroleum and Products	16.1	16.5	16.6	15.5	14.6	13.8
Gases	8.5	10.0	10.0	11.1	10.8	10.4
Biomass and Renewable Wastes	0.3	0.4	0.6	1.3	1.2	1.6
Solar	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal					0.0	0.0
Electricity	5.9	6.7	6.9	7.2	6.9	7.1
Derived heat	0.2	0.5	0.4	0.7	0.7	0.5
Wastes, Non-Renewable	0.1	0.1	0.1	0.1	2.1	1.9
by Sector						
Industry	12.0	14.2	11.8	11.8	13.9	13.3
Transport	8.6	9.7	10.0	10.8	10.7	9.9
Households	9.3	9.5	9.9	9.0	7.4	7.4
Services	3.5	3.4	4.2	5.0	4.4	4.4
Agriculture and Fishing	1.1	0.7	0.8	0.8	0.8	0.7
Other	0.0	0.0	0.0	0.1	0.6	0.9

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

Belgium

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**14.9**	**15.7**	**16.1**	**18.3**	**20.1**	**20.8**
Combustible Fuels	7.9	8.5	8.7	9.2	10.3	9.5
Nuclear	5.6	5.7	5.8	5.9	5.9	5.9
Hydro	1.4	1.4	1.4	1.4	1.4	1.4
Wind	0.0	0.0	0.2	0.9	1.1	1.4
Solar PV			0.0	0.9	1.4	2.6
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**74.4**	**84.0**	**87.0**	**95.1**	**90.2**	**82.9**
Solid Fuels	16.5	12.9	8.2	4.2	3.4	3.4
Petroleum and Products	1.3	0.8	1.7	0.3	0.2	0.1
Gases	12.9	19.1	25.1	33.2	27.4	25.6
Nuclear	41.4	48.2	47.6	47.9	48.2	40.3
Renewables	1.6	2.3	3.4	7.9	9.6	11.8
Wastes, non-RES	0.7	0.8	0.7	1.3	1.2	1.5
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.9	2.6	2.6	
CHP Electricity Generation (TWh)			7.4	15.2	14.5	
CHP in Total Electricity Generation (%)			8.5 %	16.0 %	16.0 %	
CHP Heat Production (PJ)			75.9		93.7	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	8 483	9 623	9 865	10 283	10 198	9 420
Motor Gasoline	3 038	2 408	1 890	1 277	1 293	1 206
Gas/Diesel Oil	4 313	5 454	6 541	7 399	7 358	6 784
Final Consumption Biofuels				352	338	346
Biogasoline				53	48	48
Biodiesel				299	290	298
Main Energy Indicators						
Energy Intensity (toe/M€'05)	221	211	194	190	182	172
Energy per Capita (kgoe/cap)	5 321	5 773	5 607	5 608	5 435	5 095
Final Electricity per Capita (KWh/cap)	6 752	7 568	7 657	7 655	7 298	7 507
Primary Efficiency (toe/M€'05)	198	187	169	164	159	149
Import Dependency (%)	**80.9 %**	**78.1 %**	**80.0 %**	**78.2 %**	**73.9 %**	**74.0 %**
on Solid Fuels	108.9 %	91.1 %	101.4 %	97.8 %	101.2 %	94.2 %
on Hard Coal	108.5 %	90.4 %	100.9 %	100.2 %	102.6 %	93.8 %
on Petroleum Fuels	99.6 %	100.2 %	100.8 %	101.4 %	100.7 %	99.3 %
on Crude and NGL	99.8 %	100.2 %	99.5 %	99.9 %	100.3 %	99.7 %
on Natural Gas	98.2 %	99.3 %	100.6 %	98.8 %	100.6 %	98.6 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				5.0 %	5.2 %	6.8 %
RES-H&C – Heating and Cooling				5.0 %	4.7 %	6.6 %
RES-E – Electricity Generation				7.1 %	8.8 %	11.1 %
RE-T – Transport				4.1 %	4.0 %	4.5 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	140	146	153	142	131	124
GHGs Emissions	166	167	171	159	146	140
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	13 827	14 235	14 591	13 065	11 891	11 245
Carbon Intensity (kg CO_2/toe)	2 599	2 466	2 602	2 329	2 188	2 207
CO_2 GDP Intensity (ton CO_2/M€'05)	576	520	504	442	398	380

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

Bulgaria

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**10.3**	**9.9**	**10.7**	**10.5**	**12.3**	**11.7**
Solid Fuels	5.3	4.3	4.2	4.9	6.2	5.6
of which Hard Coal	1.0	0.0	0.0	0.0	0.0	0.0
Petroleum and Products	0.1	0.1	0.1	0.1	0.1	0.0
of which Crude and NGL	0.0	0.0	0.0	0.0	0.0	0.0
Gases	0.0	0.0	0.4	0.1	0.4	0.3
of which Natural Gas	0.0	0.0	0.4	0.1	0.4	0.3
Nuclear	4.5	4.7	4.8	4.0	4.2	4.1
Renewables	0.4	0.8	1.1	1.5	1.4	1.6
Wastes, Non-Renewable		0.0	0.1	0.0	0.0	0.0
Net Imports	**12.8**	**8.5**	**9.3**	**7.1**	**6.9**	**6.6**
Solid Fuels	2.4	2.3	2.6	1.7	2.0	1.5
of which Hard Coal	2.3	2.2	2.5	1.7	2.0	1.5
Petroleum and Products	5.9	3.9	4.9	4.0	3.7	3.8
of which Crude and NGL	7.4	5.2	5.8	5.4	4.9	5.8
Gases	4.6	2.7	2.5	2.1	2.3	2.0
of which Natural Gas	4.6	2.7	2.5	2.1	2.3	2.0
Renewables	0.0	0.0	0.0	-0.1	-0.1	0.0
Electricity	0.0	-0.4	-0.7	-0.7	-0.9	-0.7
Gross Inland Consumption	**22.7**	**18.5**	**19.8**	**17.8**	**19.1**	**18.2**
Solid Fuels	7.6	6.4	6.9	6.9	8.1	6.9
of which Hard Coal	3.2	2.2	2.6	1.9	1.9	1.4
Petroleum and Products	5.6	4.1	4.7	3.9	3.7	3.8
of which Crude and NGL	7.4	5.3	6.0	5.4	5.0	5.8
Gases	4.6	2.9	2.8	2.3	2.6	2.5
of which Natural Gas	4.6	2.9	2.8	2.3	2.6	2.5
Nuclear	4.5	4.7	4.8	4.0	4.2	4.1
Renewables	0.4	0.8	1.1	1.5	1.4	1.6
Electricity	0.0	-0.4	-0.7	-0.7	-0.9	-0.7
Wastes, Non-Renewable		0.0	0.1	0.0	0.0	0.0
Primary Energy Intensity	**21.5**	**17.5**	**18.9**	**17.3**	**18.6**	**17.8**
Available for Final Consumption	**12.9**	**10.0**	**10.6**	**8.8**	**9.5**	**9.3**
Final Non-Energy Consumption	**1.2**	**1.0**	**0.8**	**0.4**	**0.5**	**0.5**
Final Energy Consumption	**11.4**	**9.1**	**10.1**	**8.8**	**9.3**	**9.2**
by Fuel/Product						
Solid Fuels	1.3	0.9	1.0	0.4	0.5	0.4
Petroleum and Products	2.9	3.0	3.7	3.1	3.0	3.1
Gases	1.8	1.7	1.6	1.1	1.3	1.2
Biomass and Renewable Wastes	0.2	0.5	0.7	0.9	1.0	1.1
Solar				0.0	0.0	0.0
Geothermal			0.0	0.0	0.0	0.0
Electricity	2.5	2.1	2.2	2.3	2.4	2.4
Derived heat	2.8	0.9	0.9	1.0	1.0	1.0
Wastes, Non-Renewable		0.0	0.1	0.0	0.0	0.0
by Sector						
Industry	6.0	4.0	4.0	2.6	2.7	2.6
Transport	1.8	2.0	2.9	2.9	2.9	3.1
Households	2.5	2.2	2.1	2.2	2.4	2.4
Services	0.2	0.6	0.8	1.0	1.0	1.0
Agriculture and Fishing	0.4	0.3	0.3	0.2	0.2	0.2
Other	0.5	0.0				

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

Bulgaria

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**2.0**	**11.1**	**12.3**	**10.0**	**10.2**	**11.6**
Combustible Fuels		5.7	6.7	4.6	4.5	4.9
Nuclear		3.5	2.7	1.9	1.9	1.9
Hydro	2.0	1.9	2.8	3.0	3.1	3.1
Wind			0.0	0.5	0.5	0.7
Solar PV				0.0	0.2	1.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**41.8**	**40.9**	**44.4**	**46.7**	**50.8**	**47.3**
Solid Fuels	17.3	16.9	18.5	22.6	27.5	22.9
Petroleum and Products	1.4	0.7	0.6	0.4	0.1	0.2
Gases	3.4	2.2	1.9	2.0	2.1	2.4
Nuclear	17.3	18.2	18.7	15.2	16.3	15.8
Renewables	2.3	3.0	4.7	6.4	4.7	6.1
Wastes, non-RES		0.0	0.0			
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.2	1.0	1.1	
CHP Electricity Generation (TWh)			2.7	3.7	3.4	
CHP in Total Electricity Generation (%)			6.1 %	8.0 %	6.7 %	
CHP Heat Production (PJ)			50.4	40.4	38.5	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 776	1 804	2 588	2 608	2 616	2 698
Motor Gasoline	1 161	707	571	611	564	540
Gas/Diesel Oil	278	779	1 379	1 441	1 511	1 612
Final Consumption Biofuels				13	17	86
Biogasoline						
Biodiesel				10	17	86
Main Energy Indicators						
Energy Intensity (toe/M€'05)	1 288	1 040	849	669	705	670
Energy per Capita (kgoe/cap)	2 699	2 267	2 559	2 359	2 598	2 496
Final Electricity per Capita (KWh/cap)	3 413	2 968	3 332	3 597	3 868	3 811
Primary Efficiency (toe/M€'05)	1 218	985	813	653	687	653
Import Dependency (%)	**55.9 %**	**46.0 %**	**46.7 %**	**39.6 %**	**36.0 %**	**36.1 %**
on Solid Fuels	31.7 %	35.1 %	37.0 %	24.7 %	24.4 %	21.4 %
on Hard Coal	73.0 %	100.5 %	94.8 %	88.2 %	102.9 %	107.2 %
on Petroleum Fuels	99.6 %	95.4 %	102.2 %	101.0 %	97.7 %	96.9 %
on Crude and NGL	99.7 %	98.7 %	97.7 %	99.1 %	98.2 %	99.8 %
on Natural Gas	99.5 %	93.5 %	87.7 %	92.6 %	86.1 %	83.3 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				14.4 %	14.6 %	16.3 %
RES-H&C – Heating and Cooling				24.4 %	24.9 %	27.5 %
RES-E – Electricity Generation				13.7 %	13.9 %	17.0 %
RE-T – Transport				1.0 %	0.4 %	0.3 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	60	46	51	49	54	49
GHGs Emissions	78	60	65	61	67	62
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7 114	5 626	6 635	6 442	7 341	6 715
Carbon Intensity (kg CO_2/toe)	2 636	2 482	2 593	2 731	2 826	2 691
CO_2 GDP Intensity (ton CO_2/M€'05)	3 396	2 581	2 202	1 827	1 994	1 802

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

Czech Republic

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**32.4**	**30.6**	**32.9**	**31.6**	**32.0**	**32.6**
Solid Fuels	27.6	25.0	23.6	20.7	20.9	20.7
of which Hard Coal	10.8	9.4	8.4	7.4	7.2	7.9
Petroleum and Products	0.3	0.4	0.6	0.3	0.4	0.4
of which Crude and NGL	0.1	0.2	0.3	0.2	0.2	0.2
Gases	0.2	0.2	0.2	0.2	0.2	0.2
of which Natural Gas	0.2	0.2	0.2	0.2	0.2	0.2
Nuclear	3.2	3.5	6.4	7.2	7.3	7.8
Renewables	1.2	1.3	2.0	2.9	3.0	3.2
Wastes, Non-Renewable	0.0	0.2	0.2	0.2	0.2	0.2
Net Imports	**8.6**	**9.4**	**12.6**	**11.4**	**12.0**	**10.8**
Solid Fuels	-5.8	-4.7	-3.3	-3.0	-2.6	-2.2
of which Hard Coal	-2.9	-3.5	-2.8	-2.9	-2.5	-2.2
Petroleum and Products	7.9	7.5	9.6	8.9	8.5	8.4
of which Crude and NGL	7.0	5.6	7.6	7.8	6.9	7.1
Gases	6.4	7.5	7.5	6.8	7.5	6.1
of which Natural Gas	6.4	7.5	7.5	6.8	7.5	6.1
Renewables	0.0	0.0	-0.2	-0.1	0.0	0.0
Electricity	0.0	-0.9	-1.1	-1.3	-1.5	-1.5
Gross Inland Consumption	**41.7**	**41.2**	**45.1**	**44.7**	**43.2**	**42.8**
Solid Fuels	22.7	21.6	20.2	18.5	18.4	17.3
of which Hard Coal	8.4	6.3	5.6	4.9	5.1	4.6
Petroleum and Products	8.1	7.9	9.9	9.2	9.0	8.8
of which Crude and NGL	6.9	5.8	7.7	8.0	7.1	7.3
Gases	6.6	7.5	7.7	8.1	6.8	6.9
of which Natural Gas	6.6	7.5	7.7	8.1	6.8	6.9
Nuclear	3.2	3.5	6.4	7.2	7.3	7.8
Renewables	1.2	1.3	1.8	2.8	3.0	3.2
Electricity	0.0	-0.9	-1.1	-1.3	-1.5	-1.5
Wastes, Non-Renewable	0.0	0.2	0.2	0.2	0.2	0.2
Primary Energy Intensity	**39.4**	**39.1**	**42.2**	**41.9**	**40.6**	**40.1**
Available for Final Consumption	**27.8**	**27.2**	**29.2**	**28.7**	**27.1**	**26.3**
Final Non-Energy Consumption	**2.3**	**2.1**	**2.9**	**2.8**	**2.6**	**2.7**
Final Energy Consumption	**26.1**	**24.8**	**26.0**	**25.4**	**24.5**	**24.1**
by Fuel/Product						
Solid Fuels	6.1	5.1	3.8	3.0	3.1	2.8
Petroleum and Products	5.1	5.3	6.8	6.5	6.4	6.2
Gases	6.2	6.5	6.7	6.7	6.0	5.9
Biomass and Renewable Wastes	0.9	0.9	1.3	1.9	1.9	2.0
Solar			0.0	0.0	0.0	0.0
Geothermal						
Electricity	4.1	4.2	4.8	4.9	4.9	4.9
Derived heat	3.7	2.6	2.5	2.2	2.1	2.1
Wastes, Non-Renewable		0.0	0.1	0.2	0.2	0.2
by Sector						
Industry	12.5	10.1	9.7	8.6	8.5	8.1
Transport	2.8	4.4	6.1	6.2	6.2	6.0
Households	6.4	6.1	6.3	6.6	5.9	6.0
Services	2.4	3.0	3.1	3.1	3.0	3.0
Agriculture and Fishing	1.2	0.7	0.5	0.6	0.6	0.6
Other	0.7	0.5	0.3	0.3	0.3	0.3

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

Czech Republic

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**13.8**	**15.3**	**17.4**	**19.8**	**20.2**	**20.4**
Combustible Fuels	10.6	11.5	11.5	11.8	11.9	11.9
Nuclear	1.8	1.8	3.8	3.9	4.0	4.0
Hydro	1.4	2.1	2.2	2.2	2.2	2.2
Wind		0.0	0.0	0.2	0.2	0.3
Solar PV			0.0	1.7	1.9	2.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**60.8**	**73.5**	**82.6**	**85.9**	**87.6**	**87.6**
Solid Fuels	44.3	52.6	49.5	47.1	47.1	44.4
Petroleum and Products	0.6	0.4	0.3	0.2	0.1	0.1
Gases	1.0	3.9	4.2	4.1	4.0	3.9
Nuclear	12.2	13.6	24.7	28.0	28.3	30.3
Renewables	2.7	2.8	3.8	6.5	7.9	8.8
Wastes, non-RES	0.0	0.2	0.0	0.0	0.1	0.1
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.2	4.8	4.7	
CHP Electricity Generation (TWh)			13.9	12.2	11.2	
CHP in Total Electricity Generation (%)			16.8 %	14.2 %	12.8 %	
CHP Heat Production (PJ)			150.7	135.7	121.1	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2 601	4 070	5 866	5 724	5 661	5 538
Motor Gasoline	1 694	1 922	2 125	1 833	1 759	1 640
Gas/Diesel Oil	703	1 880	3 322	3 469	3 470	3 508
Final Consumption Biofuels	16	63	3	232	301	275
Biogasoline				58	61	56
Biodiesel	16	63	3	174	240	219
Main Energy Indicators						
Energy Intensity (toe/M€'05)	533	481	431	374	355	355
Energy per Capita (kgoe/cap)	4 034	4 008	4 409	4 253	4 118	4 071
Final Electricity per Capita (KWh/cap)	4 654	4 807	5 403	5 439	5 407	5 391
Primary Efficiency (toe/M€'05)	504	457	403	351	334	333
Import Dependency (%)	**20.6 %**	**22.8 %**	**28.0 %**	**25.5 %**	**27.7 %**	**25.2 %**
on Solid Fuels	-25.5 %	-21.8 %	-16.1 %	-16.1 %	-14.0 %	-13.0 %
on Hard Coal	-34.2 %	-56.1 %	-49.4 %	-58.0 %	-47.8 %	-47.5 %
on Petroleum Fuels	98.0 %	95.3 %	97.5 %	96.4 %	95.2 %	95.3 %
on Crude and NGL	100.2 %	95.3 %	99.3 %	97.5 %	97.3 %	97.3 %
on Natural Gas	98.0 %	99.8 %	97.8 %	84.8 %	110.2 %	89.0 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				9.3 %	9.3 %	11.2 %
RES-H&C – Heating and Cooling				12.1 %	12.6 %	13.6 %
RES-E – Electricity Generation				7.5 %	10.6 %	11.6 %
RE-T – Transport				4.6 %	0.7 %	5.6 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	129	127	127	118	116	112
GHGs Emissions	152	147	147	138	136	132
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	12 534	12 338	12 427	11 232	11 056	10 678
Carbon Intensity (kg CO_2/toe)	3 107	3 078	2 819	2 641	2 685	2 623
CO_2 GDP Intensity (ton CO_2/M€'05)	1 657	1 480	1 215	989	954	932

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

Denmark

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**16.3**	**28.8**	**30.8**	**23.2**	**20.5**	**18.9**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	10.0	19.3	18.5	12.3	11.1	10.2
of which Crude and NGL	9.3	18.1	18.5	12.3	11.1	10.2
Gases	4.7	7.4	9.4	7.4	5.9	5.2
of which Natural Gas	4.7	7.4	9.4	7.3	5.9	5.2
Nuclear						
Renewables	1.3	1.7	2.5	3.1	3.1	3.1
Wastes, Non-Renewable	0.2	0.3	0.4	0.4	0.4	0.4
Net Imports	**7.3**	**-7.4**	**-10.1**	**-3.4**	**-1.2**	**-0.6**
Solid Fuels	7.7	3.8	3.5	2.6	3.6	2.3
of which Hard Coal	7.6	3.8	3.5	2.6	3.6	2.3
Petroleum and Products	1.2	-8.4	-9.1	-3.7	-3.8	-2.6
of which Crude and NGL	0.6	-9.9	-10.9	-5.1	-4.3	-2.4
Gases	-1.5	-2.9	-5.0	-3.0	-2.1	-1.9
of which Natural Gas	-1.5	-2.9	-5.0	-3.0	-2.1	-1.9
Renewables	0.0	0.1	0.3	0.8	1.0	1.1
Electricity	-0.1	0.1	0.1	-0.1	0.1	0.4
Gross Inland Consumption	**20.2**	**19.8**	**19.6**	**20.1**	**18.7**	**18.1**
Solid Fuels	6.5	4.0	3.7	3.8	3.2	2.5
of which Hard Coal	6.5	4.0	3.7	3.8	3.2	2.5
Petroleum and Products	9.0	9.1	8.1	7.7	7.3	7.1
of which Crude and NGL	9.8	8.2	7.7	7.3	6.8	7.6
Gases	3.2	4.5	4.4	4.4	3.7	3.5
of which Natural Gas	3.2	4.4	4.4	4.4	3.7	3.5
Nuclear						
Renewables	1.3	1.8	2.8	3.9	4.0	4.2
Electricity	-0.1	0.1	0.1	-0.1	0.1	0.4
Wastes, Non-Renewable	0.2	0.3	0.4	0.4	0.4	0.4
Primary Energy Intensity	**19.9**	**19.5**	**19.3**	**19.9**	**18.5**	**17.9**
Available for Final Consumption	**15.1**	**15.0**	**15.5**	**15.8**	**15.0**	**14.7**
Final Non-Energy Consumption	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**	**0.3**
Final Energy Consumption	**14.8**	**14.7**	**15.5**	**15.2**	**14.5**	**14.1**
by Fuel/Product						
Solid Fuels	0.4	0.3	0.3	0.2	0.2	0.1
Petroleum and Products	7.3	7.1	7.3	6.3	6.1	5.7
Gases	1.7	1.7	1.7	1.8	1.6	1.6
Biomass and Renewable Wastes	0.6	0.6	0.9	1.3	1.3	1.4
Solar	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal						
Electricity	2.7	2.8	2.9	2.8	2.7	2.7
Derived heat	2.2	2.3	2.4	2.8	2.5	2.6
Wastes, Non-Renewable	0.0	0.0	0.0	0.0	0.0	0.0
by Sector						
Industry	3.0	2.9	2.9	2.4	2.4	2.3
Transport	4.6	4.8	5.3	4.8	4.7	4.6
Households	4.5	4.2	4.5	4.9	4.4	4.4
Services	1.8	1.8	2.0	2.1	2.0	1.9
Agriculture and Fishing	0.9	1.0	0.9	1.0	0.9	0.9
Other	0.0	0.0	0.0	0.0	0.0	0.0

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

Denmark

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**10.8**	**12.3**	**13.0**	**13.4**	**13.6**	**14.1**
Combustible Fuels	10.2	9.9	9.9	9.6	9.6	9.5
Nuclear						
Hydro	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.6	2.4	3.1	3.8	4.0	4.2
Solar PV		0.0	0.0	0.0	0.0	0.4
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**36.8**	**36.1**	**36.2**	**38.9**	**35.2**	**30.7**
Solid Fuels	27.4	16.7	15.5	17.0	14.0	10.6
Petroleum and Products	3.6	4.4	1.4	0.8	0.5	0.4
Gases	3.6	8.8	8.8	7.9	5.8	4.2
Nuclear						
Renewables	1.9	5.6	9.8	12.4	14.2	14.8
Wastes, non-RES	0.3	0.6	0.8	0.7	0.8	0.7
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.7	5.8	5.5	
CHP Electricity Generation (TWh)			18.9	19.1	16.3	
CHP in Total Electricity Generation (%)			52.1 %	49.2 %	46.2 %	
CHP Heat Production (PJ)			119.0	124.7	108.1	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	4 530	4 795	5 303	4 700	4 581	4 354
Motor Gasoline	1 944	2 019	1 922	1 144	971	866
Gas/Diesel Oil	1 823	1 872	2 383	2 661	2 680	2 580
Final Consumption Biofuels				27	134	223
Biogasoline				27	51	
Biodiesel					83	223
Main Energy Indicators						
Energy Intensity (toe/M€'05)	119	101	94	97	90	87
Energy per Capita (kgoe/cap)	3 867	3 701	3 613	3 633	3 366	3 245
Final Electricity per Capita (KWh/cap)	5 905	6 080	6 175	5 836	5 732	5 618
Primary Efficiency (toe/M€'05)	118	100	93	96	88	86
Import Dependency (%)	**33.4 %**	**-35.1 %**	**-49.9 %**	**-16.1 %**	**-6.1 %**	**-3.4 %**
on Solid Fuels	117.9 %	94.9 %	94.4 %	69.4 %	111.0 %	93.7 %
on Hard Coal	118.0 %	94.8 %	94.3 %	69.3 %	111.1 %	93.6 %
on Petroleum Fuels	11.0 %	-80.8 %	-102.7 %	-43.9 %	-47.7 %	-34.8 %
on Crude and NGL	6.3 %	-120.5 %	-141.3 %	-68.8 %	-63.3 %	-31.2 %
on Natural Gas	-47.2 %	-64.8 %	-113.9 %	-68.3 %	-55.3 %	-54.2 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				22.6 %	24.0 %	26.0 %
RES-H&C – Heating and Cooling				30.7 %	31.8 %	33.3 %
RES-E – Electricity Generation				32.7 %	35.9 %	38.7 %
RE-T – Transport				0.9 %	3.8 %	5.8 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	68	60	56	53	49	43
GHGs Emissions	83	75	69	66	61	56
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	12 973	11 303	10 363	9 629	8 732	7 770
Carbon Intensity (kg CO_2/toe)	3 355	3 054	2 868	2 651	2 594	2 394
CO_2 GDP Intensity (ton CO_2/M€'05)	401	310	271	258	233	209

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

Germany

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**145.2**	**135.5**	**139.1**	**133.7**	**127.0**	**128.1**
Solid Fuels	78.9	60.6	56.5	45.9	46.7	47.6
of which Hard Coal	38.1	24.2	18.0	9.2	8.6	7.6
Petroleum and Products	4.3	4.7	7.5	8.1	7.8	8.3
of which Crude and NGL	3.0	3.2	3.5	2.5	2.6	2.6
Gases	15.1	15.8	14.3	11.1	10.9	9.6
of which Natural Gas	15.1	15.8	14.3	11.1	10.9	9.6
Nuclear	39.5	43.8	42.1	36.3	27.9	25.7
Renewables	5.9	8.9	16.8	28.4	29.8	32.9
Wastes, Non-Renewable	1.4	1.7	1.8	3.9	3.9	4.0
Net Imports	**195.2**	**204.7**	**208.1**	**201.7**	**196.8**	**196.8**
Solid Fuels	10.3	21.7	26.0	31.6	32.4	32.1
of which Hard Coal	8.2	17.2	23.8	29.1	30.4	30.7
Petroleum and Products	131.6	125.9	120.2	109.8	104.5	106.4
of which Crude and NGL	101.6	101.4	111.0	91.6	89.1	92.3
Gases	52.9	56.9	61.9	61.6	60.4	59.8
of which Natural Gas	52.9	56.9	61.9	61.6	60.4	59.8
Renewables			0.4	-0.1	-0.2	0.2
Electricity	0.4	0.3	-0.4	-1.3	-0.3	-1.8
Gross Inland Consumption	**341.6**	**342.3**	**341.9**	**333.7**	**317.1**	**319.5**
Solid Fuels	91.6	84.8	82.0	78.8	78.2	80.4
of which Hard Coal	47.7	43.8	41.3	39.6	38.1	38.8
Petroleum and Products	135.4	131.0	121.5	111.8	108.3	108.3
of which Crude and NGL	104.8	108.1	114.1	94.5	92.5	94.1
Gases	67.3	71.9	77.8	75.9	69.6	69.8
of which Natural Gas	67.3	71.9	77.8	75.9	69.6	69.8
Nuclear	39.5	43.8	42.1	36.3	27.9	25.7
Renewables	5.9	8.9	17.2	28.3	29.7	33.1
Electricity	0.4	0.3	-0.4	-1.3	-0.3	-1.8
Wastes, Non-Renewable	1.4	1.7	1.8	3.9	3.9	4.0
Primary Energy Intensity	**318.0**	**317.2**	**317.2**	**311.1**	**294.7**	**297.6**
Available for Final Consumption	**244.0**	**247.3**	**247.1**	**243.7**	**233.2**	**233.6**
Final Non-Energy Consumption	**23.6**	**25.1**	**24.7**	**22.6**	**22.4**	**21.8**
Final Energy Consumption	**221.6**	**220.0**	**218.5**	**220.5**	**209.2**	**213.1**
by Fuel/Product						
Solid Fuels	13.9	11.0	8.2	9.4	9.5	9.6
Petroleum and Products	105.6	99.7	90.4	83.2	80.3	81.0
Gases	51.8	56.1	55.1	56.5	50.8	52.9
Biomass and Renewable Wastes	2.7	4.7	8.5	12.9	12.0	12.5
Solar	0.0	0.1	0.3	0.5	0.6	0.6
Geothermal			0.0	0.1	0.1	0.1
Electricity	38.8	41.6	44.9	45.8	45.2	45.2
Derived heat	8.7	6.8	10.8	11.3	10.0	10.4
Wastes, Non-Renewable			0.3	1.0	0.9	0.9
by Sector						
Industry	60.1	57.6	59.1	60.6	60.8	61.2
Transport	63.7	66.8	62.3	61.2	61.3	61.5
Households	66.3	65.2	63.5	63.2	55.0	57.5
Services	25.9	25.8	33.2	35.4	31.9	32.8
Agriculture and Fishing	2.0	0.3	0.0			
Other	3.7	4.3	0.3	0.2	0.2	0.2

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

Germany

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**116.2**	**118.9**	**128.6**	**162.7**	**175.9**	**177.3**
Combustible Fuels	83.4	80.8	76.4	85.8	89.4	89.6
Nuclear	22.8	22.4	20.4	20.5	20.5	12.1
Hydro	8.9	9.5	10.9	11.2	11.4	11.3
Wind	1.1	6.1	18.4	27.2	29.1	31.3
Solar PV	0.0	0.1	2.1	17.6	25.0	32.6
Geothermal				0.0	0.0	0.0
Tide, Wave and Ocean						
Other Sources			0.6	0.4	0.5	0.4
Gross Electricity Generation (TWh)	**537.3**	**576.5**	**622.6**	**633.0**	**613.1**	**629.8**
Solid Fuels	289.1	296.7	288.1	262.9	262.5	277.1
Petroleum and Products	9.0	4.8	12.0	8.7	7.2	7.6
Gases	50.4	60.0	83.6	100.9	97.1	87.5
Nuclear	153.1	169.6	163.1	140.6	108.0	99.5
Renewables	30.4	39.7	69.3	111.2	129.6	149.6
Wastes, non-RES	5.3	5.8	3.3	6.4	6.4	6.6
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			20.8	22.5	26.6	
CHP Electricity Generation (TWh)			77.9	83.2	79.6	
CHP in Total Electricity Generation (%)			12.6 %	13.2 %	13.1 %	
CHP Heat Production (PJ)			652.5	675.8	638.9	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	62 229	65 139	58 489	56 660	56 974	56 972
Motor Gasoline	32 059	30 651	23 722	18 859	18 779	17 618
Gas/Diesel Oil	24 099	27 047	26 364	28 449	29 183	29 832
Final Consumption Biofuels	36	236	1 859	2 884	2 788	2 913
Biogasoline			153	749	782	792
Biodiesel	31	222	1 552	2 104	1 999	2 114
Main Energy Indicators						
Energy Intensity (toe/M€'05)	173	159	154	140	129	129
Energy per Capita (kgoe/cap)	4 183	4 165	4 145	4 081	3 878	3 900
Final Electricity per Capita (KWh/cap)	5 525	5 882	6 333	6 512	6 426	6 419
Primary Efficiency (toe/M€'05)	161	147	143	131	120	120
Import Dependency (%)	**56.8 %**	**59.4 %**	**60.4 %**	**60.0 %**	**61.5 %**	**61.1 %**
on Solid Fuels	11.2 %	25.5 %	31.7 %	40.1 %	41.5 %	40.0 %
on Hard Coal	17.1 %	39.2 %	57.5 %	73.7 %	79.9 %	79.1 %
on Petroleum Fuels	95.8 %	94.6 %	97.0 %	95.9 %	94.2 %	96.0 %
on Crude and NGL	96.9 %	93.8 %	97.3 %	97.0 %	96.3 %	98.1 %
on Natural Gas	78.6 %	79.1 %	79.6 %	81.2 %	86.8 %	85.7 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				10.7 %	11.6 %	12.4 %
RES-H&C – Heating and Cooling				10.3 %	10.8 %	11.1 %
RES-E – Electricity Generation				18.1 %	20.9 %	23.6 %
RE-T – Transport				6.0 %	5.9 %	6.9 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	953	918	893	863	843	855
GHGs Emissions	1 140	1 067	1 026	980	961	973
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	11 665	11 170	10 826	10 553	10 305	10 440
Carbon Intensity (kg CO_2/toe)	2 789	2 682	2 612	2 586	2 657	2 677
CO_2 GDP Intensity (ton CO_2/M€'05)	484	425	401	363	343	346

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

Estonia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**3.9**	**3.5**	**4.4**	**5.6**	**5.7**	**5.8**
Solid Fuels	3.1	2.7	3.2	3.9	4.1	4.0
of which Hard Coal						
Petroleum and Products	0.5	0.4	0.5	0.7	0.7	0.7
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.4	0.5	0.7	1.0	1.0	1.1
Wastes, Non-Renewable						
Net Imports	**1.8**	**1.6**	**1.5**	**0.9**	**0.8**	**1.1**
Solid Fuels	0.3	0.3	0.0	0.0	0.0	0.0
of which Hard Coal	0.1	0.1	0.0	0.0	0.0	0.1
Petroleum and Products	1.0	0.8	0.9	0.8	0.7	0.9
of which Crude and NGL						
Gases	0.6	0.7	0.8	0.6	0.5	0.5
of which Natural Gas	0.6	0.7	0.8	0.6	0.5	0.5
Renewables	0.0	0.0	-0.1	-0.2	-0.1	-0.2
Electricity	-0.1	-0.1	-0.1	-0.3	-0.3	-0.2
Gross Inland Consumption	**5.5**	**5.0**	**5.6**	**6.2**	**6.2**	**6.1**
Solid Fuels	3.5	3.0	3.2	3.9	4.1	3.8
of which Hard Coal	0.1	0.1	0.0	0.0	0.0	0.0
Petroleum and Products	1.2	0.9	1.2	1.1	1.1	1.1
of which Crude and NGL						
Gases	0.6	0.7	0.8	0.6	0.5	0.5
of which Natural Gas	0.6	0.7	0.8	0.6	0.5	0.5
Nuclear						
Renewables	0.3	0.5	0.6	0.8	0.8	0.9
Electricity	-0.1	-0.1	-0.1	-0.3	-0.3	-0.2
Wastes, Non-Renewable						
Primary Energy Intensity	**5.4**	**4.8**	**5.4**	**6.1**	**6.1**	**6.0**
Available for Final Consumption	**3.0**	**2.7**	**3.0**	**3.0**	**2.7**	**2.9**
Final Non-Energy Consumption	**0.2**	**0.2**	**0.2**	**0.1**	**0.1**	**0.1**
Final Energy Consumption	**2.6**	**2.4**	**2.9**	**2.9**	**2.8**	**2.9**
by Fuel/Product						
Solid Fuels	0.2	0.1	0.1	0.1	0.1	0.1
Petroleum and Products	0.8	0.8	1.0	0.9	1.0	1.0
Gases	0.3	0.2	0.3	0.2	0.2	0.2
Biomass and Renewable Wastes	0.3	0.4	0.4	0.6	0.5	0.5
Solar						
Geothermal						
Electricity	0.4	0.4	0.5	0.6	0.6	0.6
Derived heat	0.6	0.5	0.5	0.5	0.5	0.5
Wastes, Non-Renewable						
by Sector						
Industry	0.8	0.6	0.7	0.6	0.6	0.6
Transport	0.5	0.6	0.8	0.8	0.8	0.8
Households	1.0	0.9	0.9	1.0	0.9	1.0
Services	0.2	0.3	0.4	0.4	0.4	0.4
Agriculture and Fishing	0.1	0.1	0.1	0.1	0.1	0.1
Other	0.0					

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

Estonia

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**0.0**	**2.8**	**2.6**	**2.8**	**2.8**	**2.9**
Combustible Fuels		2.8	2.5	2.6	2.6	2.6
Nuclear						
Hydro	0.0	0.0	0.0	0.0	0.0	0.0
Wind			0.0	0.1	0.2	0.3
Solar PV						
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**8.7**	**8.5**	**10.2**	**13.0**	**12.9**	**12.0**
Solid Fuels	8.3	7.7	9.3	11.2	11.0	9.8
Petroleum and Products	0.1	0.1	0.0	0.0	0.0	0.1
Gases	0.3	0.8	0.8	0.7	0.7	0.6
Nuclear						
Renewables	0.0	0.0	0.1	1.0	1.2	1.5
Wastes, non-RES						
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.6	0.4	0.4	
CHP Electricity Generation (TWh)			1.0	1.3	1.3	
CHP in Total Electricity Generation (%)			10.2%	10.3%	10.4%	
CHP Heat Production (PJ)			11.5	12.3	12.3	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	487	578	765	778	770	780
Motor Gasoline	264	299	309	289	268	256
Gas/Diesel Oil	204	257	408	451	467	486
Final Consumption Biofuels					4	4
Biogasoline					4	4
Biodiesel						
Main Energy Indicators						
Energy Intensity (toe/M€'05)	966	629	502	551	505	481
Energy per Capita (kgoe/cap)	3 820	3 628	4 170	4 595	4 617	4 569
Final Electricity per Capita (KWh/cap)	3 146	3 655	4 482	5 155	4 945	5 209
Primary Efficiency (toe/M€'05)	935	606	482	543	500	474
Import Dependency (%)	**32.4%**	**32.2%**	**26.1%**	**13.7%**	**12.1%**	**17.1%**
on Solid Fuels	8.6%	9.2%	0.8%	-0.4%	-0.2%	0.5%
on Hard Coal	102.4%	116.1%	96.4%	118.3%	95.7%	126.6%
on Petroleum Fuels	80.2%	77.4%	70.8%	57.5%	56.1%	60.0%
on Crude and NGL						
on Natural Gas	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				24.6%	25.6%	25.8%
RES-H&C – Heating and Cooling				43.3%	44.1%	43.1%
RES-E – Electricity Generation				10.4%	12.3%	15.8%
RE-T – Transport				0.2%	0.2%	0.3%
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	18	16	17	19	19	18
GHGs Emissions	20	18	19	21	21	20
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	12 658	11 329	12 575	13 888	14 272	13 238
Carbon Intensity (kg CO_2/toe)	3 314	3 122	3 016	3 023	3 091	2 898
CO_2 GDP Intensity (ton CO_2/M€'05)	3 202	1 964	1 515	1 665	1 562	1 394

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

Ireland

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**4.1**	**2.2**	**1.6**	**1.9**	**1.7**	**1.3**
Solid Fuels	1.7	1.0	0.8	1.0	0.8	0.3
of which Hard Coal	0.0					
Petroleum and Products			0.0	0.0	0.1	0.1
of which Crude and NGL						
Gases	2.2	1.0	0.5	0.2	0.2	0.2
of which Natural Gas	2.2	1.0	0.5	0.2	0.2	0.2
Nuclear						
Renewables	0.2	0.2	0.4	0.6	0.7	0.7
Wastes, Non-Renewable				0.0	0.0	0.0
Net Imports	**7.7**	**12.2**	**13.5**	**13.2**	**12.6**	**11.8**
Solid Fuels	1.9	1.7	1.9	0.9	1.4	1.3
of which Hard Coal	1.9	1.7	1.9	0.9	1.4	1.3
Petroleum and Products	5.8	8.1	8.4	7.6	7.1	6.6
of which Crude and NGL	2.3	3.0	3.2	3.0	3.1	3.0
Gases	0.1	2.5	3.0	4.5	4.0	3.8
of which Natural Gas	0.1	2.5	3.0	4.5	4.0	3.8
Renewables			0.0	0.0	0.1	0.1
Electricity	0.0	0.0	0.2	0.0	0.0	0.0
Gross Inland Consumption	**11.0**	**14.3**	**15.0**	**15.1**	**14.0**	**13.8**
Solid Fuels	2.9	2.6	2.7	2.0	2.0	2.4
of which Hard Coal	1.8	1.8	1.9	1.2	1.3	1.4
Petroleum and Products	5.6	8.0	8.4	7.8	7.0	6.6
of which Crude and NGL	2.3	3.3	3.2	3.0	3.0	3.1
Gases	2.3	3.4	3.5	4.7	4.1	4.0
of which Natural Gas	2.3	3.4	3.5	4.7	4.1	4.0
Nuclear						
Renewables	0.2	0.2	0.4	0.7	0.8	0.8
Electricity	0.0	0.0	0.2	0.0	0.0	0.0
Wastes, Non-Renewable				0.0	0.0	0.0
Primary Energy Intensity	**10.5**	**13.7**	**14.7**	**14.9**	**13.7**	**13.6**
Available for Final Consumption	**8.1**	**10.8**	**11.7**	**12.1**	**11.3**	**11.0**
Final Non-Energy Consumption	**0.5**	**0.5**	**0.3**	**0.3**	**0.3**	**0.3**
Final Energy Consumption	**8.0**	**10.8**	**12.6**	**11.9**	**11.0**	**10.7**
by Fuel/Product						
Solid Fuels	0.9	0.7	0.7	0.6	0.5	0.5
Petroleum and Products	4.9	7.0	8.2	7.2	6.4	6.1
Gases	0.8	1.2	1.4	1.6	1.6	1.7
Biomass and Renewable Wastes	0.1	0.1	0.2	0.3	0.3	0.3
Solar	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal						
Electricity	1.3	1.7	2.1	2.2	2.1	2.1
Derived heat						
Wastes, Non-Renewable				0.0	0.0	0.0
by Sector						
Industry	2.0	2.5	2.6	2.1	2.3	2.3
Transport	2.4	4.1	5.1	4.7	4.4	4.2
Households	2.2	2.5	2.9	3.3	2.7	2.7
Services	1.1	1.4	1.6	1.5	1.3	1.3
Agriculture and Fishing	0.3	0.3	0.3	0.3	0.3	0.2
Other						

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

Ireland

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**4.1**	**4.7**	**6.3**	**8.5**	**8.8**	**8.8**
Combustible Fuels	3.5	4.1	5.1	6.4	6.4	6.3
Nuclear						
Hydro	0.5	0.5	0.5	0.5	0.5	0.5
Wind	0.0	0.1	0.5	1.4	1.6	1.8
Solar PV						
Geothermal						
Tide, Wave and Ocean						
Other Sources			0.1	0.2	0.2	0.2
Gross Electricity Generation (TWh)	**17.9**	**24.0**	**26.0**	**28.6**	**27.5**	**27.6**
Solid Fuels	9.0	8.6	8.8	6.4	6.9	8.1
Petroleum and Products	2.7	4.6	3.3	0.6	0.2	0.2
Gases	5.2	9.3	11.6	17.7	14.9	13.7
Nuclear						
Renewables	1.0	1.5	2.2	3.9	5.4	5.5
Wastes, non-RES						0.0
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.1	0.3	0.3	
CHP Electricity Generation (TWh)			0.6	1.9	2.0	
CHP in Total Electricity Generation (%)			2.4%	6.7%	7.1%	
CHP Heat Production (PJ)			4.4	12.0	11.0	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2 386	4 082	5 075	4 618	4 254	4 045
Motor Gasoline	1 104	1 590	1 823	1 527	1 359	1 282
Gas/Diesel Oil	851	1 833	2 370	2 304	2 175	2 156
Final Consumption Biofuels			1	114	118	104
Biogasoline				51	49	48
Biodiesel			1	63	69	56
Main Energy Indicators						
Energy Intensity (toe/M€'05)	140	111	92	93	84	83
Energy per Capita (kgoe/cap)	3 066	3 758	3 616	3 318	3 056	3 017
Final Electricity per Capita (KWh/cap)	4 124	5 333	5 854	5 575	5 434	5 264
Primary Efficiency (toe/M€'05)	133	107	91	91	82	81
Import Dependency (%)	**69.4%**	**84.7%**	**89.3%**	**86.5%**	**89.6%**	**84.8%**
on Solid Fuels	64.8%	64.7%	70.8%	47.8%	68.9%	55.4%
on Hard Coal	105.9%	93.2%	100.8%	79.3%	111.1%	90.3%
on Petroleum Fuels	100.2%	98.8%	99.7%	97.5%	101.1%	98.5%
on Crude and NGL	100.2%	89.8%	98.9%	101.6%	100.7%	95.9%
on Natural Gas	3.6%	72.1%	86.7%	95.7%	96.1%	95.6%
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				5.6%	6.6%	7.2%
RES-H&C – Heating and Cooling				4.3%	4.9%	5.1%
RES-E – Electricity Generation				14.9%	17.6%	19.6%
RE-T – Transport				2.4%	3.9%	4.1%
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	37	47	50	44	40	40
GHGs Emissions	60	71	73	65	60	61
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	10 206	12 349	12 130	9 658	8 766	8 747
Carbon Intensity (kg CO_2/toe)	3 328	3 286	3 354	2 911	2 869	2 899
CO_2 GDP Intensity (ton CO_2/M€'05)	467	366	310	269	240	240

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

Greece

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**9.4**	**10.0**	**10.3**	**9.5**	**9.6**	**10.5**
Solid Fuels	7.5	8.2	8.5	7.3	7.5	8.0
of which Hard Coal						
Petroleum and Products	0.5	0.3	0.1	0.1	0.1	0.1
of which Crude and NGL	0.5	0.3	0.1	0.1	0.1	0.1
Gases	0.1	0.0	0.0	0.0	0.0	0.0
of which Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear						
Renewables	1.3	1.4	1.6	2.0	2.0	2.3
Wastes, Non-Renewable	0.0	0.1	0.0	0.0	0.0	0.0
Net Imports	**18.3**	**22.2**	**23.5**	**21.7**	**19.9**	**20.0**
Solid Fuels	0.9	0.8	0.4	0.4	0.2	0.2
of which Hard Coal	0.9	0.8	0.4	0.4	0.2	0.2
Petroleum and Products	17.3	19.7	20.5	17.4	15.2	15.8
of which Crude and NGL	14.9	19.6	18.0	19.5	16.0	21.1
Gases		1.7	2.3	3.2	4.0	3.7
of which Natural Gas		1.7	2.3	3.2	4.0	3.7
Renewables				0.2	0.1	0.2
Electricity	0.1	0.0	0.3	0.5	0.3	0.2
Gross Inland Consumption	**23.9**	**28.3**	**31.4**	**28.7**	**27.8**	**27.7**
Solid Fuels	8.4	9.0	8.9	7.9	7.9	8.1
of which Hard Coal	1.0	0.7	0.3	0.4	0.2	0.2
Petroleum and Products	14.0	16.1	18.1	15.0	13.5	13.3
of which Crude and NGL	15.1	19.7	18.9	19.6	16.6	21.0
Gases	0.1	1.7	2.4	3.2	4.0	3.7
of which Natural Gas	0.0	1.7	2.4	3.2	4.0	3.7
Nuclear						
Renewables	1.3	1.4	1.6	2.1	2.1	2.5
Electricity	0.1	0.0	0.3	0.5	0.3	0.2
Wastes, Non-Renewable	0.0	0.1	0.0	0.0	0.0	0.0
Primary Energy Intensity	**23.4**	**27.6**	**30.6**	**27.6**	**26.9**	**27.1**
Available for Final Consumption	**16.4**	**19.1**	**21.4**	**19.7**	**18.9**	**18.4**
Final Non-Energy Consumption	**0.5**	**0.7**	**0.8**	**1.1**	**0.9**	**0.7**
Final Energy Consumption	**15.8**	**18.7**	**21.0**	**19.0**	**18.9**	**17.1**
by Fuel/Product						
Solid Fuels	1.0	0.9	0.5	0.3	0.2	0.2
Petroleum and Products	10.8	12.7	14.4	12.1	11.7	9.9
Gases	0.0	0.3	0.6	0.8	1.1	1.0
Biomass and Renewable Wastes	0.9	0.9	1.0	1.0	1.2	1.3
Solar	0.1	0.1	0.1	0.2	0.2	0.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	2.9	3.7	4.4	4.6	4.5	4.5
Derived heat		0.0	0.0	0.0	0.1	0.0
Wastes, Non-Renewable						
by Sector						
Industry	4.0	4.5	4.2	3.5	3.3	3.0
Transport	6.5	7.3	8.2	8.2	7.4	6.4
Households	3.3	4.5	5.5	4.6	5.5	5.0
Services	0.9	1.3	1.9	2.0	1.9	2.2
Agriculture and Fishing	1.0	1.1	1.1	0.8	0.7	0.3
Other		0.0			0.1	0.2

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

Greece

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**8.9**	**10.9**	**13.3**	**15.3**	**16.5**	**22.3**
Combustible Fuels	6.4	7.6	9.7	10.6	11.0	11.2
Nuclear						
Hydro	2.5	3.1	3.1	3.2	3.2	3.2
Wind	0.0	0.2	0.5	1.3	1.6	1.8
Solar PV			0.0	0.2	0.6	1.5
Geothermal	0.0					
Tide, Wave and Ocean						
Other Sources						4.6
Gross Electricity Generation (TWh)	**41.6**	**53.8**	**60.0**	**57.4**	**59.4**	**61.0**
Solid Fuels	28.7	34.3	35.5	30.8	31.1	31.1
Petroleum and Products	8.9	8.9	9.2	6.1	5.9	6.1
Gases	0.1	5.9	8.2	9.8	13.9	13.4
Nuclear						
Renewables	3.8	4.6	7.0	10.5	8.4	10.3
Wastes, non-RES	0.1	0.2	0.1	0.1	0.1	0.1
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.2	0.6	0.6	
CHP Electricity Generation (TWh)			1.0	2.5	2.7	
CHP in Total Electricity Generation (%)			1.7 %	4.3 %	4.5 %	
CHP Heat Production (PJ)			9.7	12.7	13.8	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	6 504	7 278	8 157	8 004	7 311	6 225
Motor Gasoline	2 921	3 464	4 170	3 867	3 497	3 097
Gas/Diesel Oil	2 037	2 247	2 483	2 730	2 401	1 849
Final Consumption Biofuels				124	103	124
Biogasoline						
Biodiesel				124	103	124
Main Energy Indicators						
Energy Intensity (toe/M€'05)	179	179	163	148	154	166
Energy per Capita (kgoe/cap)	2 244	2 591	2 831	2 576	2 499	2 502
Final Electricity per Capita (KWh/cap)	3 205	3 952	4 589	4 763	4 656	4 689
Primary Efficiency (toe/M€'05)	175	174	159	143	150	162
Import Dependency (%)	**66.7 %**	**69.5 %**	**68.6 %**	**69.1 %**	**65.0 %**	**66.6 %**
on Solid Fuels	11.0 %	8.5 %	4.1 %	5.1 %	2.9 %	2.3 %
on Hard Coal	95.2 %	105.8 %	112.4 %	100.5 %	102.1 %	76.1 %
on Petroleum Fuels	98.4 %	100.2 %	97.7 %	98.6 %	93.8 %	101.3 %
on Crude and NGL	98.8 %	99.5 %	95.2 %	99.5 %	96.5 %	100.7 %
on Natural Gas		99.1 %	99.1 %	99.9 %	100.0 %	100.3 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				9.8 %	10.9 %	13.8 %
RES-H&C – Heating and Cooling				17.8 %	19.4 %	24.4 %
RES-E – Electricity Generation				12.5 %	13.9 %	16.5 %
RE-T – Transport				1.9 %	0.7 %	1.1 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	100	116	124	108	105	100
GHGs Emissions	124	141	147	129	126	121
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	9 436	10 670	11 217	9 645	9 477	9 039
Carbon Intensity (kg CO_2/toe)	4 205	4 118	3 962	3 744	3 792	3 613
CO_2 GDP Intensity (ton CO_2/M€'05)	751	736	645	555	586	599

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

Spain

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**31.4**	**31.5**	**30.1**	**34.4**	**32.0**	**33.5**
Solid Fuels	10.2	8.0	6.3	3.3	2.6	2.5
of which Hard Coal	8.3	6.5	5.1	3.3	2.6	2.5
Petroleum and Products	0.8	0.2	0.2	0.4	0.4	0.5
of which Crude and NGL	0.8	0.2	0.2	0.1	0.1	0.1
Gases	0.4	0.2	0.2	0.1	0.0	0.1
of which Natural Gas	0.4	0.1	0.1	0.0	0.0	0.1
Nuclear	14.3	16.0	14.8	16.0	14.9	15.9
Renewables	5.5	6.8	8.4	14.5	13.8	14.5
Wastes, Non-Renewable	0.2	0.2	0.2	0.2	0.2	0.2
Net Imports	**75.4**	**99.3**	**123.8**	**106.1**	**104.4**	**99.4**
Solid Fuels	8.6	12.8	14.4	6.7	8.6	11.6
of which Hard Coal	8.1	13.3	14.7	6.8	8.7	11.8
Petroleum and Products	58.9	70.7	79.3	68.7	66.1	59.2
of which Crude and NGL	55.3	57.7	59.9	52.7	52.4	58.9
Gases	7.5	15.5	30.2	30.9	29.4	28.1
of which Natural Gas	7.5	15.5	30.2	30.9	29.4	28.1
Renewables				0.4	0.9	1.5
Electricity	0.4	0.4	-0.1	-0.7	-0.5	-1.0
Gross Inland Consumption	**102.1**	**123.6**	**144.2**	**129.9**	**128.2**	**127.3**
Solid Fuels	19.0	20.9	20.6	7.9	12.3	15.1
of which Hard Coal	16.7	19.8	19.8	8.0	12.5	15.2
Petroleum and Products	54.9	64.0	70.5	60.4	57.7	52.9
of which Crude and NGL	55.8	57.3	59.9	53.0	52.6	59.4
Gases	7.8	15.3	29.9	31.2	28.9	28.2
of which Natural Gas	7.7	15.2	29.8	31.1	28.9	28.2
Nuclear	14.3	16.0	14.8	16.0	14.9	15.9
Renewables	5.5	6.8	8.4	14.9	14.7	16.0
Electricity	0.4	0.4	-0.1	-0.7	-0.5	-1.0
Wastes, Non-Renewable	0.2	0.2	0.2	0.2	0.2	0.2
Primary Energy Intensity	**94.2**	**114.2**	**135.9**	**122.8**	**121.4**	**121.3**
Available for Final Consumption	**72.5**	**88.8**	**106.0**	**95.7**	**93.0**	**88.4**
Final Non-Energy Consumption	**7.9**	**9.4**	**8.3**	**7.0**	**6.8**	**6.0**
Final Energy Consumption	**64.0**	**79.9**	**97.8**	**89.1**	**86.7**	**83.1**
by Fuel/Product						
Solid Fuels	2.2	1.8	1.7	1.3	1.6	1.3
Petroleum and Products	39.5	46.3	53.5	46.8	44.0	40.1
Gases	6.8	12.1	18.0	14.6	14.3	14.9
Biomass and Renewable Wastes	3.2	3.4	3.7	5.1	5.6	6.0
Solar	0.0	0.0	0.1	0.2	0.2	0.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	12.1	16.2	20.8	21.0	20.9	20.7
Derived heat						
Wastes, Non-Renewable	0.1					
by Sector						
Industry	20.5	25.4	31.0	21.4	21.4	20.8
Transport	26.4	33.2	39.9	37.2	36.0	33.3
Households	10.0	12.0	15.1	16.9	15.6	15.5
Services	4.3	6.7	8.4	9.8	10.2	10.0
Agriculture and Fishing	2.2	2.6	3.1	2.2	2.4	2.7
Other	0.5	0.0	0.2	1.5	1.0	0.7

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

Spain

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**45.6**	**53.9**	**76.6**	**101.8**	**102.8**	**105.2**
Combustible Fuels	21.9	26.2	40.8	50.5	49.8	49.8
Nuclear	7.1	7.5	7.6	7.5	7.5	7.5
Hydro	16.5	18.0	18.2	18.5	18.5	18.6
Wind	0.1	2.2	9.9	20.7	21.5	22.8
Solar PV	0.0	0.0	0.1	3.9	4.4	4.6
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**167.1**	**224.5**	**294.1**	**301.5**	**293.8**	**297.6**
Solid Fuels	65.9	79.1	79.1	25.3	44.0	55.1
Petroleum and Products	14.6	22.6	24.4	16.6	14.7	15.3
Gases	4.9	21.9	80.7	95.8	86.7	74.2
Nuclear	55.5	62.2	57.5	62.0	57.7	61.5
Renewables	25.9	38.0	46.9	101.0	89.8	90.6
Wastes, non-RES	0.3	0.6	0.5	0.7	0.8	0.7
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			3.1	3.4	3.0	
CHP Electricity Generation (TWh)			22.9	22.4	22.1	
CHP in Total Electricity Generation (%)			7.8 %	7.4 %	7.6 %	
CHP Heat Production (PJ)			192.5	153.3	159.0	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	26 101	32 791	39 227	35 409	33 874	30 755
Motor Gasoline	9 152	9 141	7 786	5 696	5 299	4 778
Gas/Diesel Oil	13 373	18 859	25 977	24 171	22 658	20 419
Final Consumption Biofuels		70	256	1 412	1 691	2 087
Biogasoline			113	230	225	198
Biodiesel		70	142	1 181	1 466	1 889
Main Energy Indicators						
Energy Intensity (toe/M€'05)	161	160	159	137	135	136
Energy per Capita (kgoe/cap)	2 592	3 071	3 323	2 819	2 780	2 757
Final Electricity per Capita (KWh/cap)	3 578	4 681	5 581	5 313	5 279	5 204
Primary Efficiency (toe/M€'05)	149	148	149	130	128	130
Import Dependency (%)	**71.7 %**	**76.6 %**	**81.4 %**	**76.8 %**	**76.4 %**	**73.3 %**
on Solid Fuels	45.4 %	61.3 %	70.1 %	85.1 %	69.8 %	76.5 %
on Hard Coal	48.5 %	66.8 %	74.4 %	85.0 %	70.0 %	77.6 %
on Petroleum Fuels	101.5 %	101.0 %	101.2 %	99.9 %	99.8 %	96.7 %
on Crude and NGL	99.1 %	100.6 %	100.1 %	99.3 %	99.7 %	99.3 %
on Natural Gas	97.4 %	101.6 %	101.4 %	99.4 %	101.6 %	99.6 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				13.8 %	13.2 %	14.3 %
RES-H&C – Heating and Cooling				12.6 %	13.6 %	14.0 %
RES-E – Electricity Generation				29.7 %	31.6 %	33.5 %
RE-T – Transport				4.7 %	0.4 %	0.4 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	280	337	403	320	322	317
GHGs Emissions	340	409	469	387	388	381
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7 112	8 373	9 275	6 940	6 985	6 862
Carbon Intensity (kg CO_2/toe)	2 744	2 727	2 791	2 462	2 513	2 489
CO_2 GDP Intensity (ton CO_2/M€'05)	442	435	443	337	340	339

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

France

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**127.4**	**130.2**	**135.9**	**134.8**	**135.3**	**134.0**
Solid Fuels	6.0	2.5	0.4	0.2	0.1	0.2
of which Hard Coal	5.4	2.4	0.4	0.2	0.1	0.2
Petroleum and Products	3.5	2.4	1.5	1.7	1.7	1.6
of which Crude and NGL	3.0	1.7	1.2	0.9	0.9	0.8
Gases	2.8	1.5	0.9	0.6	0.5	0.5
of which Natural Gas	2.8	1.5	0.9	0.6	0.5	0.5
Nuclear	97.3	107.1	116.5	110.5	114.1	109.7
Renewables	17.0	15.8	15.5	20.6	17.8	20.8
Wastes, Non-Renewable	0.7	0.9	1.1	1.2	1.2	1.3
Net Imports	**117.1**	**134.1**	**144.2**	**132.2**	**126.6**	**125.3**
Solid Fuels	9.1	13.0	13.5	12.2	10.1	10.9
of which Hard Coal	8.7	12.4	12.8	11.3	9.2	10.2
Petroleum and Products	86.4	91.3	95.2	83.0	82.7	81.0
of which Crude and NGL	78.6	86.8	85.4	65.2	64.9	57.4
Gases	27.5	35.8	40.7	39.6	38.3	36.9
of which Natural Gas	27.5	35.8	40.7	39.6	38.3	36.9
Renewables		0.0	-0.1	0.2	0.4	0.3
Electricity	-6.0	-6.0	-5.2	-2.6	-4.9	-3.8
Gross Inland Consumption	**241.8**	**257.6**	**276.4**	**267.1**	**257.8**	**258.4**
Solid Fuels	16.1	15.0	14.3	12.1	10.2	11.5
of which Hard Coal	14.9	14.2	13.8	11.2	9.4	10.9
Petroleum and Products	87.1	88.9	93.2	82.7	82.0	80.4
of which Crude and NGL	82.1	88.2	87.0	66.4	66.3	57.8
Gases	29.6	35.8	41.0	42.5	37.0	38.2
of which Natural Gas	29.6	35.8	41.0	42.5	37.0	38.2
Nuclear	97.3	107.1	116.5	110.5	114.1	109.7
Renewables	17.0	15.8	15.4	20.8	18.1	21.1
Electricity	-6.0	-6.0	-5.2	-2.6	-4.9	-3.8
Wastes, Non-Renewable	0.7	0.9	1.1	1.2	1.2	1.3
Primary Energy Intensity	**225.9**	**241.4**	**261.7**	**255.0**	**245.5**	**246.4**
Available for Final Consumption	**156.8**	**166.3**	**177.4**	**171.2**	**161.1**	**163.9**
Final Non-Energy Consumption	**15.9**	**16.2**	**14.7**	**12.2**	**12.3**	**12.0**
Final Energy Consumption	**143.5**	**155.3**	**162.8**	**158.4**	**147.2**	**150.8**
by Fuel/Product						
Solid Fuels	6.5	5.8	5.2	4.5	4.3	4.1
Petroleum and Products	69.8	73.2	73.7	66.8	65.4	65.4
Gases	27.3	30.9	33.7	32.4	26.9	29.5
Biomass and Renewable Wastes	9.7	8.8	9.2	12.6	11.2	11.7
Solar	0.0	0.0	0.0	0.1	0.1	0.1
Geothermal	0.1	0.1	0.1	0.1	0.1	0.0
Electricity	29.5	33.1	36.4	38.2	35.9	37.3
Derived heat	0.6	3.2	4.2	3.5	3.2	2.5
Wastes, Non-Renewable	0.1	0.2	0.2	0.2	0.1	0.1
by Sector						
Industry	36.2	37.3	35.7	31.0	30.8	29.6
Transport	45.9	50.6	50.5	49.7	49.8	50.3
Households	35.8	45.3	43.3	43.8	38.2	42.1
Services	20.6	13.6	20.8	23.3	21.6	22.5
Agriculture and Fishing	4.1	4.3	4.6	4.4	4.4	4.5
Other	1.0	4.1	7.9	6.3	2.4	1.8

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

France

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**107.6**	**114.7**	**115.8**	**124.6**	**127.3**	**129.2**
Combustible Fuels	23.9	26.1	26.4	28.8	27.8	27.8
Nuclear	58.5	63.2	63.3	63.1	63.1	63.1
Hydro	25.0	25.1	25.1	25.3	25.3	25.4
Wind	0.0	0.1	0.7	6.0	6.7	7.5
Solar PV	0.0	0.0	0.0	1.0	2.8	4.0
Geothermal					0.0	0.0
Tide, Wave and Ocean	0.2	0.2	0.2	0.2	0.2	0.2
Other Sources					1.3	1.3
Gross Electricity Generation (TWh)	**494.1**	**540.7**	**576.2**	**569.2**	**560.3**	**564.3**
Solid Fuels	24.2	27.0	27.5	23.4	15.1	18.9
Petroleum and Products	7.7	7.2	7.9	5.6	2.3	4.3
Gases	6.2	15.4	26.3	26.7	29.0	24.5
Nuclear	377.2	415.2	451.5	428.5	442.4	425.4
Renewables	78.5	75.0	61.3	82.9	69.5	88.2
Wastes, non-RES	0.4	1.1	1.6	2.1	2.1	2.2
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			6.6	4.6	4.6	
CHP Electricity Generation (TWh)			23.2	15.7	15.7	
CHP in Total Electricity Generation (%)			4.0 %	2.8 %	2.8 %	
CHP Heat Production (PJ)			209.2	173.9	173.9	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	44 879	49 276	49 027	46 141	46 262	46 361
Motor Gasoline	16 711	14 655	11 465	7 865	7 421	7 628
Gas/Diesel Oil	23 352	28 172	31 003	31 758	31 972	32 030
Final Consumption Biofuels	154	325	390	2 388	2 404	2 694
Biogasoline	24	58	70	399	396	414
Biodiesel	130	266	320	1 989	2 008	2 280
Main Energy Indicators						
Energy Intensity (toe/M€'05)	174	162	161	151	143	143
Energy per Capita (kgoe/cap)	4 071	4 242	4 390	4 123	3 960	3 949
Final Electricity per Capita (KWh/cap)	5 773	6 338	6 715	6 855	6 413	6 634
Primary Efficiency (toe/M€'05)	163	152	152	144	136	136
Import Dependency (%)	**48.0 %**	**51.5 %**	**51.7 %**	**49.1 %**	**48.7 %**	**48.1 %**
on Solid Fuels	56.8 %	86.4 %	94.5 %	101.0 %	98.9 %	95.1 %
on Hard Coal	58.0 %	87.3 %	92.9 %	100.6 %	98.8 %	93.5 %
on Petroleum Fuels	96.9 %	99.5 %	99.4 %	97.6 %	97.9 %	97.9 %
on Crude and NGL	95.8 %	98.5 %	98.2 %	98.2 %	97.9 %	99.2 %
on Natural Gas	93.0 %	100.0 %	99.3 %	93.0 %	103.3 %	96.6 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				12.7 %	11.3 %	13.4 %
RES-H&C – Heating and Cooling				16.0 %	16.1 %	16.9 %
RES-E – Electricity Generation				14.9 %	16.4 %	16.6 %
RE-T – Transport				6.2 %	0.5 %	7.1 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	413	435	446	410	385	387
GHGs Emissions	571	584	583	541	515	514
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	6 956	7 169	7 084	6 327	5 906	5 920
Carbon Intensity (kg CO_2/toe)	1 708	1 690	1 614	1 534	1 491	1 499
CO_2 GDP Intensity (ton CO_2/M€'05)	298	274	260	231	213	214

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

Croatia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**4.2**	**3.6**	**3.8**	**4.2**	**3.8**	**3.6**
Solid Fuels	0.0					
of which Hard Coal	0.0					
Petroleum and Products	1.8	1.4	1.0	0.8	0.8	0.8
of which Crude and NGL	1.8	1.4	1.0	0.8	0.7	0.6
Gases	1.6	1.4	1.9	2.2	2.0	1.6
of which Natural Gas	1.6	1.4	1.9	2.2	2.0	1.6
Nuclear						
Renewables	0.7	0.9	0.9	1.2	1.1	1.2
Wastes, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Net Imports	**2.9**	**4.2**	**5.2**	**4.5**	**4.7**	**4.4**
Solid Fuels	0.1	0.5	0.6	0.7	0.7	0.6
of which Hard Coal	0.1	0.4	0.6	0.7	0.6	0.5
Petroleum and Products	2.2	2.4	3.6	3.0	3.0	2.4
of which Crude and NGL	4.0	3.9	4.1	3.6	2.9	2.4
Gases	0.2	0.9	0.6	0.5	0.5	0.9
of which Natural Gas	0.2	0.9	0.6	0.5	0.5	0.9
Renewables				-0.1	-0.2	-0.2
Electricity	0.3	0.3	0.4	0.4	0.7	0.7
Gross Inland Consumption	**7.1**	**7.8**	**8.9**	**8.6**	**8.5**	**8.1**
Solid Fuels	0.2	0.4	0.7	0.7	0.7	0.6
of which Hard Coal	0.1	0.4	0.6	0.6	0.7	0.6
Petroleum and Products	4.0	4.0	4.5	3.7	3.7	3.4
of which Crude and NGL	5.8	5.5	5.1	4.3	3.4	3.2
Gases	1.9	2.2	2.4	2.6	2.6	2.4
of which Natural Gas	1.9	2.2	2.4	2.6	2.6	2.4
Nuclear						
Renewables	0.7	0.9	0.9	1.1	0.9	1.0
Electricity	0.3	0.3	0.4	0.4	0.7	0.7
Wastes, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Primary Energy Intensity	**6.3**	**7.1**	**8.2**	**8.0**	**7.9**	**7.6**
Available for Final Consumption	**5.3**	**6.1**	**7.1**	**6.9**	**6.8**	**6.4**
Final Non-Energy Consumption	**0.8**	**0.7**	**0.7**	**0.6**	**0.6**	**0.5**
Final Energy Consumption	**4.5**	**5.4**	**6.3**	**6.3**	**6.2**	**5.9**
by Fuel/Product						
Solid Fuels	0.1	0.1	0.1	0.2	0.1	0.1
Petroleum and Products	2.1	2.7	3.1	2.9	2.8	2.7
Gases	0.9	1.0	1.2	1.3	1.2	1.1
Biomass and Renewable Wastes	0.3	0.4	0.4	0.4	0.4	0.5
Solar				0.0	0.0	0.0
Geothermal				0.0	0.0	0.0
Electricity	0.9	1.0	1.2	1.4	1.4	1.3
Derived heat	0.2	0.2	0.3	0.2	0.2	0.2
Wastes, Non-Renewable		0.0	0.0	0.0	0.0	0.0
by Sector						
Industry	1.3	1.4	1.6	1.4	1.3	1.1
Transport	1.2	1.5	1.9	2.1	2.0	2.0
Households	1.4	1.7	1.9	1.9	1.9	1.8
Services	0.4	0.5	0.7	0.8	0.8	0.7
Agriculture and Fishing	0.2	0.3	0.2	0.2	0.2	0.2
Other						

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

Croatia

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**2.1**	**2.1**	**3.9**	**4.1**	**4.2**	**4.2**
Combustible Fuels			1.8	1.9	1.9	1.9
Nuclear						
Hydro	2.1	2.1	2.1	2.1	2.1	2.1
Wind			0.0	0.1	0.1	0.2
Solar PV						0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**8.9**	**10.7**	**12.5**	**14.1**	**10.8**	**10.6**
Solid Fuels	0.2	1.6	2.3	2.4	2.6	2.2
Petroleum and Products	2.5	1.7	1.9	0.6	0.8	0.6
Gases	0.9	1.6	1.8	2.6	2.6	2.5
Nuclear						
Renewables	5.3	5.9	6.5	8.6	4.9	5.2
Wastes, non-RES						
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)				0.7	0.7	
CHP Electricity Generation (TWh)				2.0	2.2	
CHP in Total Electricity Generation (%)				14.3 %	20.4 %	
CHP Heat Production (PJ)				14.9	14.9	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 186	1 526	1 900	2 042	2 010	1 947
Motor Gasoline	594	815	739	678	662	616
Gas/Diesel Oil	477	623	1 038	1 186	1 167	1 148
Final Consumption Biofuels				3	4	37
Biogasoline					1	1
Biodiesel				3	3	36
Main Energy Indicators						
Energy Intensity (toe/M€'05)	289	270	248	232	232	225
Energy per Capita (kgoe/cap)	1 534	1 751	2 011	1 937	1 964	1 902
Final Electricity per Capita (KWh/cap)	2 147	2 648	3 245	3 590	3 622	3 596
Primary Efficiency (toe/M€'05)	255	247	228	216	216	210
Import Dependency (%)	**40.6 %**	**53.0 %**	**58.5 %**	**52.1 %**	**54.4 %**	**53.6 %**
on Solid Fuels	85.9 %	111.0 %	91.3 %	102.5 %	98.4 %	87.9 %
on Hard Coal	74.6 %	112.8 %	90.6 %	102.6 %	98.5 %	87.3 %
on Petroleum Fuels	55.6 %	61.1 %	79.4 %	80.4 %	79.9 %	71.4 %
on Crude and NGL	69.2 %	72.1 %	78.9 %	82.2 %	83.8 %	74.3 %
on Natural Gas	11.6 %	41.0 %	23.7 %	18.1 %	19.5 %	37.0 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				14.3 %	15.4 %	16.8 %
RES-H&C – Heating and Cooling				13.0 %	15.6 %	18.3 %
RES-E – Electricity Generation				34.2 %	34.2 %	35.5 %
RE-T – Transport				0.5 %	0.4 %	0.4 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	18	20	24	22	21	19
GHGs Emissions	24	27	31	29	29	27
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	3 788	4 549	5 358	4 886	4 891	4 566
Carbon Intensity (kg CO_2/toe)	2 469	2 598	2 665	2 522	2 491	2 401
CO_2 GDP Intensity (ton CO_2/M€'05)	714	702	661	586	578	540

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

Italy

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**29.8**	**28.5**	**27.8**	**29.6**	**31.2**	**32.0**
Solid Fuels	0.0	0.0	0.1	0.1	0.1	0.1
of which Hard Coal			0.1	0.1	0.1	0.1
Petroleum and Products	5.6	5.0	6.4	5.7	5.7	5.7
of which Crude and NGL	5.3	4.6	6.2	5.1	5.4	5.5
Gases	16.6	13.6	9.9	6.9	6.9	7.0
of which Natural Gas	16.3	13.6	9.9	6.9	6.9	7.0
Nuclear						
Renewables	7.5	9.6	10.8	15.9	17.4	18.1
Wastes, Non-Renewable	0.2	0.3	0.7	1.0	1.1	1.1
Net Imports	**134.5**	**152.1**	**160.2**	**149.8**	**142.8**	**133.8**
Solid Fuels	13.0	13.1	16.4	14.3	15.3	15.8
of which Hard Coal	12.6	12.9	15.9	14.5	15.5	15.9
Petroleum and Products	89.5	87.6	79.2	67.8	63.5	56.2
of which Crude and NGL	73.7	83.3	89.1	79.3	72.9	69.1
Gases	28.5	47.0	59.8	61.6	57.5	55.4
of which Natural Gas	28.5	47.0	59.8	61.6	57.5	55.4
Renewables	0.2	0.5	0.7	2.3	2.5	2.8
Electricity	3.2	3.8	4.2	3.8	3.9	3.7
Gross Inland Consumption	**161.8**	**174.2**	**187.5**	**174.8**	**172.0**	**163.2**
Solid Fuels	12.3	12.6	16.5	14.2	15.9	16.3
of which Hard Coal	11.9	12.2	16.0	14.3	16.1	16.5
Petroleum and Products	93.5	89.5	84.0	69.6	67.3	59.9
of which Crude and NGL	79.4	87.5	94.8	83.9	79.4	74.9
Gases	44.9	57.9	70.7	68.1	63.8	61.4
of which Natural Gas	44.7	57.9	70.7	68.1	63.8	61.4
Nuclear						
Renewables	7.7	10.1	11.5	18.1	20.0	20.8
Electricity	3.2	3.8	4.2	3.8	3.9	3.7
Wastes, Non-Renewable	0.2	0.3	0.7	1.0	1.1	1.1
Primary Energy Intensity	**152.0**	**165.8**	**178.9**	**165.2**	**162.8**	**155.3**
Available for Final Consumption	**124.9**	**133.7**	**142.6**	**133.5**	**130.2**	**124.3**
Final Non-Energy Consumption	**9.7**	**8.4**	**8.6**	**9.6**	**9.2**	**7.9**
Final Energy Consumption	**114.6**	**124.7**	**134.5**	**124.8**	**122.1**	**119.0**
by Fuel/Product						
Solid Fuels	3.9	3.6	4.0	2.9	3.4	3.4
Petroleum and Products	54.1	57.8	59.0	48.7	48.3	45.2
Gases	34.7	38.0	40.6	38.5	35.5	35.7
Biomass and Renewable Wastes	1.1	1.5	1.7	5.1	5.2	5.3
Solar	0.0	0.0	0.0	0.1	0.1	0.2
Geothermal	0.2	0.2	0.2	0.1	0.1	0.1
Electricity	20.5	23.5	25.9	25.7	26.0	25.5
Derived heat			3.1	3.3	3.2	3.4
Wastes, Non-Renewable	0.1	0.1	0.1	0.2	0.2	0.2
by Sector						
Industry	36.0	39.7	39.9	31.3	30.1	29.3
Transport	38.6	42.5	44.8	41.7	41.8	39.4
Households	26.3	27.6	31.3	31.7	31.3	31.3
Services	9.8	11.5	15.1	17.0	15.8	15.9
Agriculture and Fishing	3.3	3.2	3.3	2.9	2.9	2.8
Other	0.6	0.2	0.2	0.2	0.1	0.2

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

Italy

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**65.9**	**75.5**	**85.5**	**106.5**	**118.4**	**124.2**
Combustible Fuels	45.5	54.0	61.9	74.7	76.0	76.8
Nuclear						
Hydro	19.8	20.3	21.0	21.5	21.7	21.9
Wind	0.0	0.4	1.6	5.8	6.9	8.1
Solar PV	0.0	0.0	0.0	3.5	12.8	16.4
Geothermal	0.5	0.6	0.7	0.7	0.7	0.7
Tide, Wave and Ocean						
Other Sources	0.1	0.2	0.2	0.3	0.3	0.3
Gross Electricity Generation (TWh)	**241.5**	**276.6**	**303.7**	**302.1**	**302.6**	**299.3**
Solid Fuels	24.1	26.3	43.6	39.7	44.7	49.1
Petroleum and Products	120.8	85.9	47.1	21.7	19.9	18.9
Gases	50.4	105.6	155.1	157.4	150.0	134.0
Nuclear						
Renewables	45.6	57.6	55.3	80.3	84.9	94.2
Wastes, non-RES	0.2	0.5	1.5	2.1	2.3	2.3
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.9	7.4	7.3	
CHP Electricity Generation (TWh)			27.4	34.7	34.7	
CHP in Total Electricity Generation (%)			9.0 %	11.5 %	11.5 %	
CHP Heat Production (PJ)			193.1	202.5	202.5	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	37 665	41 461	43 427	38 702	38 640	36 271
Motor Gasoline	18 279	17 556	14 175	10 276	9 908	8 770
Gas/Diesel Oil	15 238	18 415	23 793	22 703	22 914	21 910
Final Consumption Biofuels			177	1 419	1 401	1 368
Biogasoline				122	114	105
Biodiesel			177	1 297	1 287	1 263
Main Energy Indicators						
Energy Intensity (toe/M€'05)	130	127	131	123	121	117
Energy per Capita (kgoe/cap)	2 846	3 060	3 199	2 889	2 832	2 680
Final Electricity per Capita (KWh/cap)	4 192	4 794	5 134	4 949	4 971	4 872
Primary Efficiency (toe/M€'05)	122	121	125	116	114	112
Import Dependency (%)	**81.9 %**	**86.5 %**	**84.5 %**	**84.3 %**	**81.8 %**	**80.8 %**
on Solid Fuels	105.9 %	104.6 %	99.4 %	100.9 %	96.1 %	96.7 %
on Hard Coal	105.6 %	105.7 %	99.7 %	101.5 %	96.0 %	96.8 %
on Petroleum Fuels	93.3 %	96.1 %	91.8 %	93.5 %	91.0 %	90.1 %
on Crude and NGL	92.8 %	95.1 %	94.0 %	94.5 %	91.8 %	92.3 %
on Natural Gas	63.9 %	81.1 %	84.7 %	90.5 %	90.2 %	90.2 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				10.6 %	12.3 %	13.5 %
RES-H&C – Heating and Cooling				10.7 %	12.5 %	12.8 %
RES-E – Electricity Generation				20.2 %	23.7 %	27.6 %
RE-T – Transport				4.6 %	4.7 %	5.8 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	455	474	504	441	430	402
GHGs Emissions	540	564	590	516	504	475
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7 998	8 333	8 601	7 298	7 086	6 594
Carbon Intensity (kg CO_2/toe)	2 811	2 723	2 689	2 526	2 502	2 461
CO_2 GDP Intensity (ton CO_2/M€'05)	365	347	351	311	302	289

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

Cyprus

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**0.0**	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**
Solid Fuels						
of which Hard Coal						
Petroleum and Products				0.0	0.0	0.0
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.0	0.0	0.0	0.1	0.1	0.1
Wastes, Non-Renewable			0.0	0.0	0.0	
Net Imports	**2.0**	**2.6**	**2.8**	**2.9**	**2.7**	**2.6**
Solid Fuels	0.0	0.0	0.0	0.0	0.0	0.0
of which Hard Coal	0.0	0.0	0.0	0.0		
Petroleum and Products	2.0	2.5	2.8	2.9	2.6	2.6
of which Crude and NGL	0.8	1.2				
Gases						
of which Natural Gas						
Renewables	0.0	0.0	0.0	0.0	0.0	0.0
Electricity						
Gross Inland Consumption	**2.0**	**2.4**	**2.5**	**2.7**	**2.7**	**2.5**
Solid Fuels	0.0	0.0	0.0	0.0	0.0	0.0
of which Hard Coal	0.0	0.0	0.0	0.0	0.0	
Petroleum and Products	1.9	2.3	2.4	2.6	2.6	2.4
of which Crude and NGL	0.8	1.2				
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.0	0.0	0.1	0.1	0.1	0.1
Electricity						
Wastes, Non-Renewable			0.0	0.0	0.0	
Primary Energy Intensity	**1.9**	**2.3**	**2.5**	**2.6**	**2.6**	**2.5**
Available for Final Consumption	**1.5**	**1.7**	**1.8**	**2.0**	**1.9**	**1.8**
Final Non-Energy Consumption	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.0**
Final Energy Consumption	**1.4**	**1.6**	**1.8**	**1.9**	**1.9**	**1.8**
by Fuel/Product						
Solid Fuels	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum and Products	1.2	1.3	1.4	1.4	1.4	1.3
Gases						
Biomass and Renewable Wastes	0.0	0.0	0.0	0.0	0.0	0.0
Solar	0.0	0.0	0.0	0.1	0.1	0.1
Geothermal				0.0	0.0	0.0
Electricity	0.2	0.3	0.3	0.4	0.4	0.4
Derived heat				0.0	0.0	0.0
Wastes, Non-Renewable			0.0	0.0	0.0	
by Sector						
Industry	0.4	0.4	0.3	0.2	0.2	0.2
Transport	0.8	0.9	1.0	1.0	1.1	1.0
Households	0.1	0.2	0.3	0.3	0.3	0.3
Services	0.1	0.1	0.2	0.2	0.2	0.2
Agriculture and Fishing	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.1	0.1	0.0	0.0	0.0	0.0

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

Cyprus

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**0.7**	**1.0**	**1.1**	**1.6**	**1.7**	**1.7**
Combustible Fuels	0.7	1.0	1.1	1.5	1.6	1.6
Nuclear						
Hydro						
Wind				0.1	0.1	0.1
Solar PV			0.0	0.0	0.0	0.0
Geothermal				0.0	0.0	0.0
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**2.5**	**3.4**	**4.4**	**5.3**	**4.9**	**4.7**
Solid Fuels						
Petroleum and Products	2.5	3.4	4.4	5.2	4.8	4.5
Gases						
Nuclear						
Renewables			0.0	0.1	0.2	0.3
Wastes, non-RES						
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.0	0.0	0.0	
CHP Electricity Generation (TWh)			0.0	0.1	0.0	
CHP in Total Electricity Generation (%)			0.3 %	1.0 %	0.9 %	
CHP Heat Production (PJ)			0.1	0.1	0.2	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	755	855	978	1 033	1 036	954
Motor Gasoline	196	221	325	418	413	399
Gas/Diesel Oil	292	359	355	337	321	284
Final Consumption Biofuels				15	16	16
Biogasoline						
Biodiesel				15	16	16
Main Energy Indicators						
Energy Intensity (toe/M€'05)	203	207	187	178	174	167
Energy per Capita (kgoe/cap)	3 003	3 460	3 438	3 289	3 148	2 904
Final Electricity per Capita (KWh/cap)	3 416	4 317	5 362	5 886	5 548	5 103
Primary Efficiency (toe/M€'05)	196	200	181	173	170	164
Import Dependency (%)	**100.4 %**	**98.6 %**	**100.3 %**	**100.9 %**	**92.5 %**	**97.0 %**
on Solid Fuels	100.0 %	99.9 %	93.7 %	85.1 %	3.5 %	100.0 %
on Hard Coal	100.0 %	99.9 %	93.7 %	84.9 %		
on Petroleum Fuels	102.6 %	100.3 %	102.3 %	104.2 %	95.8 %	101.0 %
on Crude and NGL	96.3 %	98.5 %				
on Natural Gas						
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				6.0 %	6.0 %	6.8 %
RES-H&C – Heating and Cooling				18.3 %	19.3 %	21.2 %
RES-E – Electricity Generation				1.4 %	3.4 %	4.9 %
RE-T – Transport				2.0 %		
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	7	8	10	9	9	9
GHGs Emissions	9	10	12	11	11	11
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	10 430	12 188	13 070	11 134	10 677	9 842
Carbon Intensity (kg CO_2/toe)	3 473	3 522	3 802	3 385	3 392	3 389
CO_2 GDP Intensity (ton CO_2/M€'05)	704	729	710	603	590	566

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

Latvia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**1.4**	**1.5**	**1.9**	**2.1**	**2.1**	**2.3**
Solid Fuels	0.1	0.0	0.0	0.0	0.0	0.0
of which Hard Coal						
Petroleum and Products	0.0	0.1	0.0	0.0	0.0	0.0
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	1.4	1.4	1.9	2.1	2.1	2.3
Wastes, Non-Renewable			0.0	0.0	0.0	0.0
Net Imports	**3.4**	**2.4**	**3.1**	**2.2**	**2.7**	**2.7**
Solid Fuels	0.2	0.1	0.1	0.1	0.1	0.1
of which Hard Coal	0.2	0.1	0.1	0.1	0.1	0.1
Petroleum and Products	2.1	1.2	1.8	1.7	1.6	1.6
of which Crude and NGL						
Gases	1.0	1.1	1.4	0.9	1.4	1.4
of which Natural Gas	1.0	1.1	1.4	0.9	1.4	1.4
Renewables	-0.1	-0.2	-0.4	-0.6	-0.6	-0.6
Electricity	0.2	0.2	0.2	0.1	0.1	0.1
Gross Inland Consumption	**4.6**	**3.9**	**4.6**	**4.8**	**4.4**	**4.5**
Solid Fuels	0.3	0.1	0.1	0.1	0.1	0.1
of which Hard Coal	0.2	0.1	0.1	0.1	0.1	0.1
Petroleum and Products	1.9	1.3	1.5	1.5	1.4	1.4
of which Crude and NGL						
Gases	1.0	1.1	1.4	1.5	1.3	1.2
of which Natural Gas	1.0	1.1	1.4	1.5	1.3	1.2
Nuclear						
Renewables	1.3	1.2	1.5	1.6	1.4	1.7
Electricity	0.2	0.2	0.2	0.1	0.1	0.1
Wastes, Non-Renewable			0.0	0.0	0.1	0.1
Primary Energy Intensity	**4.6**	**3.8**	**4.5**	**4.7**	**4.3**	**4.4**
Available for Final Consumption	**3.9**	**3.3**	**4.1**	**4.3**	**3.9**	**4.1**
Final Non-Energy Consumption	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Final Energy Consumption	**3.8**	**3.3**	**4.0**	**4.3**	**3.9**	**4.0**
by Fuel/Product						
Solid Fuels	0.1	0.1	0.1	0.1	0.1	0.1
Petroleum and Products	1.2	1.1	1.3	1.4	1.3	1.3
Gases	0.4	0.3	0.5	0.5	0.4	0.4
Biomass and Renewable Wastes	0.9	0.8	1.0	1.1	1.0	1.1
Solar						
Geothermal						
Electricity	0.4	0.4	0.5	0.5	0.5	0.6
Derived heat	0.9	0.6	0.6	0.6	0.5	0.5
Wastes, Non-Renewable			0.0	0.0	0.1	0.1
by Sector						
Industry	0.7	0.6	0.7	0.8	0.7	0.8
Transport	0.7	0.7	1.1	1.2	1.1	1.1
Households	1.6	1.3	1.5	1.5	1.3	1.4
Services	0.6	0.5	0.6	0.6	0.6	0.6
Agriculture and Fishing	0.2	0.1	0.2	0.2	0.2	0.1
Other	0.0		0.0	0.0	0.0	0.0

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

Latvia

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**2.1**	**2.1**	**2.2**	**2.6**	**2.6**	**2.7**
Combustible Fuels	0.6	0.6	0.6	1.0	1.0	1.0
Nuclear						
Hydro	1.5	1.5	1.5	1.6	1.6	1.6
Wind	0.0	0.0	0.0	0.0	0.0	0.1
Solar PV						
Geothermal						
Tide, Wave and Ocean						
Other Sources						0.0
Gross Electricity Generation (TWh)	**4.0**	**4.1**	**4.9**	**6.6**	**6.1**	**6.2**
Solid Fuels	0.1	0.1		0.0	0.0	0.0
Petroleum and Products	0.4	0.1	0.0	0.0	0.0	0.0
Gases	0.5	1.1	1.5	3.0	3.0	2.1
Nuclear						
Renewables	2.9	2.8	3.4	3.6	3.1	4.1
Wastes, non-RES						
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.6	0.9	0.9	
CHP Electricity Generation (TWh)			1.5	3.0	2.9	
CHP in Total Electricity Generation (%)			30.7 %	45.0 %	47.4 %	
CHP Heat Production (PJ)			11.9	10.4	9.3	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	699	734	1 050	1 163	1 047	1 018
Motor Gasoline	430	347	352	294	273	232
Gas/Diesel Oil	242	340	613	728	628	621
Final Consumption Biofuels			3	27	25	22
Biogasoline				8	8	6
Biodiesel			3	19	17	15
Main Energy Indicators						
Energy Intensity (toe/M€'05)	692	443	355	382	333	329
Energy per Capita (kgoe/cap)	1 860	1 632	2 051	2 272	2 126	2 231
Final Electricity per Capita (KWh/cap)	1 797	1 891	2 559	2 963	3 007	3 367
Primary Efficiency (toe/M€'05)	686	435	348	377	326	321
Import Dependency (%)	**70.4 %**	**61.0 %**	**63.9 %**	**44.3 %**	**59.9 %**	**56.4 %**
on Solid Fuels	61.4 %	46.1 %	94.3 %	102.8 %	100.3 %	95.1 %
on Hard Coal	92.9 %	82.5 %	96.7 %	106.6 %	102.3 %	99.3 %
on Petroleum Fuels	102.6 %	94.8 %	102.2 %	94.4 %	101.8 %	101.7 %
on Crude and NGL						
on Natural Gas	99.0 %	101.9 %	105.6 %	61.8 %	109.4 %	113.8 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				32.5 %	33.5 %	35.8 %
RES-H&C – Heating and Cooling				43.8 %	44.7 %	47.3 %
RES-E – Electricity Generation				42.1 %	44.7 %	44.9 %
RE-T – Transport				3.3 %	3.5 %	3.3 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	10	7	9	10	9	9
GHGs Emissions	13	10	12	13	12	12
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	3 859	2 988	3 908	4 604	4 269	4 209
Carbon Intensity (kg CO_2/toe)	2 074	1 831	1 905	2 026	2 008	1 886
CO_2 GDP Intensity (ton CO_2/M€'05)	1 436	812	677	775	670	620

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

Lithuania

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**3.8**	**3.3**	**4.0**	**1.3**	**1.3**	**1.3**
Solid Fuels	0.0	0.0	0.0	0.0	0.0	0.0
of which Hard Coal						
Petroleum and Products	0.2	0.4	0.3	0.1	0.1	0.1
of which Crude and NGL	0.1	0.3	0.2	0.1	0.1	0.1
Gases						
of which Natural Gas						
Nuclear	3.1	2.2	2.7			
Renewables	0.5	0.7	0.9	1.2	1.2	1.2
Wastes, Non-Renewable						
Net Imports	**5.5**	**4.2**	**5.0**	**5.7**	**5.8**	**5.8**
Solid Fuels	0.2	0.1	0.2	0.2	0.3	0.2
of which Hard Coal	0.2	0.1	0.2	0.2	0.2	0.2
Petroleum and Products	3.6	2.2	2.6	2.6	2.3	2.4
of which Crude and NGL	3.1	4.6	8.9	9.0	9.0	8.6
Gases	2.0	2.1	2.5	2.5	2.7	2.7
of which Natural Gas	2.0	2.1	2.5	2.5	2.7	2.7
Renewables	0.0	0.0	0.0	-0.1	-0.1	-0.1
Electricity	-0.2	-0.1	-0.3	0.5	0.6	0.6
Gross Inland Consumption	**8.6**	**7.1**	**8.7**	**6.8**	**7.0**	**7.1**
Solid Fuels	0.2	0.1	0.2	0.2	0.2	0.2
of which Hard Coal	0.2	0.1	0.2	0.2	0.2	0.2
Petroleum and Products	3.0	2.1	2.7	2.5	2.4	2.5
of which Crude and NGL	3.1	4.8	9.3	9.1	9.2	8.7
Gases	2.0	2.1	2.5	2.5	2.7	2.7
of which Natural Gas	2.0	2.1	2.5	2.5	2.7	2.7
Nuclear	3.1	2.2	2.7			
Renewables	0.5	0.7	0.9	1.1	1.1	1.2
Electricity	-0.2	-0.1	-0.3	0.5	0.6	0.6
Wastes, Non-Renewable						
Primary Energy Intensity	**8.1**	**6.4**	**7.9**	**6.1**	**5.8**	**5.9**
Available for Final Consumption	**5.1**	**4.3**	**5.4**	**5.5**	**5.9**	**6.1**
Final Non-Energy Consumption	**0.5**	**0.7**	**0.8**	**0.7**	**1.2**	**1.2**
Final Energy Consumption	**4.6**	**3.8**	**4.6**	**4.8**	**4.7**	**4.8**
by Fuel/Product						
Solid Fuels	0.2	0.1	0.2	0.2	0.2	0.2
Petroleum and Products	1.7	1.4	1.6	1.6	1.6	1.6
Gases	0.5	0.4	0.5	0.6	0.5	0.5
Biomass and Renewable Wastes	0.4	0.6	0.7	0.7	0.7	0.8
Solar						
Geothermal						
Electricity	0.5	0.5	0.7	0.7	0.7	0.8
Derived heat	1.2	0.8	0.9	0.9	0.9	0.9
Wastes, Non-Renewable						
by Sector						
Industry	1.0	0.8	1.0	0.9	0.9	1.0
Transport	1.0	1.1	1.4	1.5	1.5	1.6
Households	1.6	1.4	1.5	1.6	1.5	1.5
Services	0.7	0.5	0.6	0.6	0.6	0.6
Agriculture and Fishing	0.2	0.1	0.1	0.1	0.1	0.1
Other			0.0	0.0	0.0	0.0

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

Lithuania

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**5.9**	**5.7**	**4.6**	**3.6**	**3.7**	**4.2**
Combustible Fuels	2.5	2.5	2.5	2.5	2.6	3.1
Nuclear	2.7	2.4	1.2			
Hydro	0.7	0.9	0.9	0.9	0.9	0.9
Wind			0.0	0.1	0.2	0.3
Solar PV						0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources	0.0	0.0	0.0	0.0	0.0	0.0
Gross Electricity Generation (TWh)	**13.9**	**11.4**	**14.8**	**5.7**	**4.8**	**5.0**
Solid Fuels						
Petroleum and Products	1.1	0.7	0.4	0.6	0.2	0.2
Gases	0.2	1.6	3.0	3.2	2.7	2.9
Nuclear	11.8	8.4	10.3			
Renewables	0.8	0.6	0.8	1.7	1.7	1.7
Wastes, non-RES						
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.0	1.1	1.2	
CHP Electricity Generation (TWh)			2.3	2.0	1.8	
CHP in Total Electricity Generation (%)			15.5 %	34.6 %	37.5 %	
CHP Heat Production (PJ)			19.9	19.3	15.8	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 031	1 050	1 405	1 469	1 467	1 473
Motor Gasoline	618	390	351	296	258	231
Gas/Diesel Oil	346	513	779	951	991	1 026
Final Consumption Biofuels			3	45	45	61
Biogasoline			1	10	10	8
Biodiesel			3	34	35	52
Main Energy Indicators						
Energy Intensity (toe/M€'05)	753	490	415	307	299	292
Energy per Capita (kgoe/cap)	2 380	2 018	2 621	2 189	2 312	2 371
Final Electricity per Capita (KWh/cap)	1 751	1 771	2 401	2 690	2 833	2 986
Primary Efficiency (toe/M€'05)	705	444	377	274	246	241
Import Dependency (%)	**63.1 %**	**59.4 %**	**56.8 %**	**81.8 %**	**81.6 %**	**80.3 %**
on Solid Fuels	63.9 %	87.4 %	93.9 %	91.3 %	104.9 %	89.2 %
on Hard Coal	69.1 %	100.0 %	102.5 %	95.4 %	111.5 %	95.6 %
on Petroleum Fuels	114.5 %	100.3 %	91.9 %	98.7 %	91.4 %	93.0 %
on Crude and NGL	99.5 %	94.5 %	95.3 %	99.0 %	98.3 %	98.8 %
on Natural Gas	100.0 %	100.0 %	100.6 %	99.7 %	100.3 %	100.1 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				19.8 %	20.2 %	21.7 %
RES-H&C – Heating and Cooling				33.2 %	33.7 %	35.5 %
RES-E – Electricity Generation				7.4 %	9.0 %	10.9 %
RE-T – Transport				3.6 %	3.7 %	4.8 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	16	12	15	14	15	15
GHGs Emissions	23	20	24	22	22	22
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	4 307	3 485	4 388	4 611	4 838	4 939
Carbon Intensity (kg CO_2/toe)	1 809	1 727	1 674	2 107	2 093	2 083
CO_2 GDP Intensity (ton CO_2/M€'05)	1 362	846	695	646	625	607

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

Luxembourg

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**0.0**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Solid Fuels						
of which Hard Coal						
Petroleum and Products						
of which Crude and NGL						
Gases					0.0	0.0
of which Natural Gas					0.0	0.0
Nuclear						
Renewables	0.0	0.0	0.1	0.1	0.1	0.1
Wastes, Non-Renewable	0.0	0.0	0.0	0.0	0.0	0.0
Net Imports	**3.2**	**3.6**	**4.7**	**4.5**	**4.4**	**4.3**
Solid Fuels	0.5	0.1	0.1	0.1	0.1	0.1
of which Hard Coal	0.1	0.1	0.1	0.1	0.1	0.0
Petroleum and Products	1.8	2.4	3.1	2.8	2.9	2.8
of which Crude and NGL						
Gases	0.6	0.7	1.2	1.2	1.0	1.1
of which Natural Gas	0.6	0.7	1.2	1.2	1.0	1.1
Renewables		0.0	0.0	0.0	0.0	0.0
Electricity	0.4	0.5	0.3	0.3	0.4	0.4
Gross Inland Consumption	**3.3**	**3.6**	**4.8**	**4.6**	**4.6**	**4.5**
Solid Fuels	0.5	0.1	0.1	0.1	0.1	0.1
of which Hard Coal	0.1	0.1	0.1	0.1	0.1	0.0
Petroleum and Products	1.8	2.3	3.2	2.9	2.9	2.8
of which Crude and NGL						
Gases	0.6	0.7	1.2	1.2	1.0	1.1
of which Natural Gas	0.6	0.7	1.2	1.2	1.0	1.1
Nuclear						
Renewables	0.0	0.0	0.1	0.1	0.1	0.1
Electricity	0.4	0.5	0.3	0.3	0.4	0.4
Wastes, Non-Renewable	0.0	0.0	0.0	0.0	0.0	0.0
Primary Energy Intensity	**3.3**	**3.6**	**4.8**	**4.6**	**4.5**	**4.4**
Available for Final Consumption	**3.2**	**3.5**	**4.5**	**4.4**	**4.3**	**4.2**
Final Non-Energy Consumption	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Final Energy Consumption	**3.1**	**3.5**	**4.5**	**4.3**	**4.3**	**4.2**
by Fuel/Product						
Solid Fuels	0.3	0.1	0.1	0.1	0.1	0.1
Petroleum and Products	1.7	2.3	3.1	2.8	2.9	2.8
Gases	0.6	0.6	0.6	0.7	0.6	0.6
Biomass and Renewable Wastes	0.0	0.0	0.0	0.1	0.1	0.1
Solar			0.0	0.0	0.0	0.0
Geothermal						
Electricity	0.4	0.5	0.5	0.6	0.6	0.5
Derived heat		0.0	0.1	0.1	0.1	0.1
Wastes, Non-Renewable		0.0	0.0	0.0	0.0	0.0
by Sector						
Industry	1.2	0.7	0.8	0.7	0.7	0.6
Transport	1.3	1.9	2.8	2.6	2.7	2.6
Households	0.6	0.5	0.5	0.5	0.5	0.4
Services	0.1	0.4	0.4	0.4	0.4	0.5
Agriculture and Fishing	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0				

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

Luxembourg

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**1.3**	**1.2**	**1.7**	**1.7**	**1.7**	**1.8**
Combustible Fuels	0.1	0.1	0.5	0.5	0.5	0.5
Nuclear						
Hydro	1.1	1.1	1.1	1.1	1.1	1.1
Wind		0.0	0.0	0.0	0.0	0.1
Solar PV			0.0	0.0	0.0	0.1
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**1.2**	**1.2**	**4.1**	**4.6**	**3.7**	**3.8**
Solid Fuels						
Petroleum and Products	0.0		0.0	0.0	0.0	0.0
Gases	0.3	0.2	3.1	2.9	2.3	2.4
Nuclear						
Renewables	0.9	0.9	1.0	1.6	1.3	1.4
Wastes, non-RES	0.0	0.0	0.0	0.0	0.1	0.1
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.1	0.1	0.1	
CHP Electricity Generation (TWh)			0.4	0.4	0.4	
CHP in Total Electricity Generation (%)			10.1 %	9.6 %	12.1 %	
CHP Heat Production (PJ)			1.2	3.2	3.1	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 291	1 909	2 772	2 552	2 654	2 519
Motor Gasoline	529	595	514	360	368	359
Gas/Diesel Oil	569	990	1 823	1 760	1 881	1 786
Final Consumption Biofuels			1	42	46	49
Biogasoline				1	6	1
Biodiesel				41	39	47
Main Energy Indicators						
Energy Intensity (toe/M€'05)	176	143	158	142	137	134
Energy per Capita (kgoe/cap)	8 117	8 328	10 298	9 137	8 779	8 381
Final Electricity per Capita (KWh/cap)	12 200	13 215	13 206	13 015	12 570	11 787
Primary Efficiency (toe/M€'05)	174	142	158	141	136	133
Import Dependency (%)	**97.7 %**	**99.6 %**	**97.3 %**	**97.0 %**	**97.2 %**	**97.4 %**
on Solid Fuels	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
on Hard Coal	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
on Petroleum Fuels	98.3 %	102.1 %	99.4 %	99.4 %	99.6 %	100.5 %
on Crude and NGL						
on Natural Gas	100.0 %	100.0 %	100.0 %	100.0 %	99.9 %	99.7 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				2.9 %	2.9 %	3.1 %
RES-H&C – Heating and Cooling				4.8 %	4.8 %	5.0 %
RES-E – Electricity Generation				3.8 %	4.1 %	4.6 %
RE-T – Transport				2.0 %	2.1 %	2.2 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	10	10	13	13	12	12
GHGs Emissions	11	11	14	14	13	13
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	23 875	22 289	28 781	24 711	23 792	22 548
Carbon Intensity (kg CO_2/toe)	2 942	2 677	2 795	2 705	2 710	2 691
CO_2 GDP Intensity (ton CO_2/M€'05)	518	384	443	383	371	360

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

Hungary

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**13.9**	**11.6**	**10.4**	**11.1**	**10.8**	**10.6**
Solid Fuels	3.3	2.9	1.7	1.6	1.6	1.6
of which Hard Coal						
Petroleum and Products	2.3	1.7	1.5	1.1	1.0	1.1
of which Crude and NGL	2.3	1.7	1.4	1.1	0.9	0.9
Gases	3.8	2.5	2.3	2.2	2.1	1.8
of which Natural Gas	3.8	2.5	2.3	2.2	2.1	1.8
Nuclear	3.6	3.7	3.6	4.1	4.1	4.1
Renewables	0.9	0.8	1.2	1.9	1.9	2.0
Wastes, Non-Renewable	0.0	0.0	0.1	0.1	0.1	0.1
Net Imports	**12.5**	**14.0**	**17.4**	**15.0**	**13.0**	**12.3**
Solid Fuels	1.4	1.1	1.3	1.1	1.0	1.0
of which Hard Coal	1.2	1.1	1.3	1.4	1.3	1.3
Petroleum and Products	5.4	5.3	5.8	5.6	5.2	4.8
of which Crude and NGL	5.9	5.9	5.9	5.7	5.8	5.4
Gases	5.5	7.3	9.8	7.7	6.1	6.1
of which Natural Gas	5.5	7.3	9.8	7.7	6.1	6.1
Renewables				0.0	0.0	-0.2
Electricity	0.2	0.3	0.5	0.4	0.6	0.7
Gross Inland Consumption	**26.2**	**25.3**	**27.6**	**25.8**	**25.1**	**23.6**
Solid Fuels	4.6	3.9	3.0	2.7	2.8	2.7
of which Hard Coal	1.2	1.1	1.2	1.4	1.4	1.3
Petroleum and Products	7.7	7.0	7.1	6.7	6.4	5.9
of which Crude and NGL	8.2	7.5	7.3	6.6	6.8	6.4
Gases	9.2	9.7	12.1	9.8	9.4	8.3
of which Natural Gas	9.2	9.7	12.1	9.8	9.4	8.3
Nuclear	3.6	3.7	3.6	4.1	4.1	4.1
Renewables	0.9	0.8	1.2	2.0	1.9	1.8
Electricity	0.2	0.3	0.5	0.4	0.6	0.7
Wastes, Non-Renewable	0.0	0.0	0.1	0.1	0.1	0.1
Primary Energy Intensity	**24.5**	**23.7**	**25.4**	**23.8**	**23.1**	**21.7**
Available for Final Consumption	**18.2**	**17.7**	**20.4**	**18.6**	**18.1**	**16.9**
Final Non-Energy Consumption	**1.6**	**1.6**	**2.2**	**2.0**	**2.0**	**1.9**
Final Energy Consumption	**16.2**	**16.1**	**18.2**	**16.6**	**16.2**	**14.8**
by Fuel/Product						
Solid Fuels	1.2	0.7	0.7	0.5	0.5	0.5
Petroleum and Products	4.2	4.2	4.9	4.6	4.4	4.1
Gases	6.4	6.5	7.9	6.3	6.0	5.2
Biomass and Renewable Wastes	0.7	0.7	0.6	1.1	1.1	1.1
Solar			0.0	0.0	0.0	0.0
Geothermal	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	2.4	2.5	2.8	2.9	3.0	2.8
Derived heat	1.3	1.4	1.3	1.1	1.0	1.0
Wastes, Non-Renewable			0.0	0.0	0.0	0.0
by Sector						
Industry	3.8	3.5	3.4	2.9	2.8	2.6
Transport	2.7	3.3	4.3	4.3	4.2	4.0
Households	6.3	5.6	6.5	5.7	5.5	5.1
Services	2.6	3.0	3.5	3.1	3.1	2.8
Agriculture and Fishing	0.7	0.7	0.6	0.5	0.5	0.4
Other	0.1	0.0				

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

Hungary

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**7.4**	**8.3**	**8.6**	**9.0**	**9.7**	**9.4**
Combustible Fuels	5.5	6.4	6.7	6.6	7.3	7.0
Nuclear	1.8	1.9	1.9	2.0	2.0	2.0
Hydro	0.0	0.0	0.0	0.1	0.1	0.1
Wind			0.0	0.3	0.3	0.3
Solar PV				0.0	0.0	0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**34.0**	**35.2**	**35.8**	**37.4**	**36.0**	**34.6**
Solid Fuels	9.1	9.6	7.0	6.2	6.5	6.3
Petroleum and Products	5.3	4.4	0.5	0.5	0.1	0.2
Gases	5.4	6.7	12.5	11.7	10.8	9.5
Nuclear	14.0	14.2	13.8	15.8	15.7	15.8
Renewables	0.2	0.2	1.9	3.0	2.7	2.6
Wastes, non-RES	0.0	0.1	0.1	0.2	0.1	0.1
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			2.1	1.9	1.8	
CHP Electricity Generation (TWh)			6.8	7.3	6.0	
CHP in Total Electricity Generation (%)			19.1 %	19.6 %	16.6 %	
CHP Heat Production (PJ)			47.4	42.2	35.1	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2 609	3 220	4 208	4 070	3 954	3 718
Motor Gasoline	1 530	1 433	1 589	1 381	1 264	1 283
Gas/Diesel Oil	897	1 553	2 323	2 430	2 426	2 244
Final Consumption Biofuels			3	175	166	155
Biogasoline			3	57	48	52
Biodiesel				118	117	103
Main Energy Indicators						
Energy Intensity (toe/M€'05)	418	350	311	294	282	269
Energy per Capita (kgoe/cap)	2 535	2 478	2 737	2 581	2 518	2 374
Final Electricity per Capita (KWh/cap)	2 686	2 883	3 206	3 421	3 464	3 308
Primary Efficiency (toe/M€'05)	392	328	287	272	259	247
Import Dependency (%)	**47.9 %**	**55.2 %**	**63.1 %**	**58.1 %**	**51.8 %**	**52.3 %**
on Solid Fuels	29.5 %	28.2 %	42.8 %	41.9 %	37.6 %	36.8 %
on Hard Coal	103.5 %	99.0 %	105.1 %	99.5 %	95.7 %	97.6 %
on Petroleum Fuels	71.0 %	76.0 %	81.2 %	84.1 %	82.2 %	80.8 %
on Crude and NGL	71.9 %	78.6 %	81.2 %	85.2 %	85.5 %	84.7 %
on Natural Gas	60.3 %	75.4 %	81.1 %	78.7 %	65.6 %	72.9 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				8.6 %	9.1 %	9.6 %
RES-H&C – Heating and Cooling				11.1 %	12.3 %	13.6 %
RES-E – Electricity Generation				7.1 %	6.4 %	6.1 %
RE-T – Transport				4.7 %	5.0 %	4.6 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	62	59	61	52	51	47
GHGs Emissions	79	77	79	68	67	62
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	5 989	5 753	6 020	5 235	5 069	4 694
Carbon Intensity (kg CO_2/toe)	2 363	2 322	2 199	2 028	2 013	1 977
CO_2 GDP Intensity (ton CO_2/M€'05)	988	812	684	597	567	531

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

Malta

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Solid Fuels						
of which Hard Coal						
Petroleum and Products						0.0
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.0	0.0	0.0	0.0	0.0	0.0
Wastes, Non-Renewable						
Net Imports	**0.8**	**1.5**	**1.6**	**2.4**	**2.3**	**2.0**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	0.8	1.5	1.6	2.4	2.3	2.0
of which Crude and NGL						
Gases						
of which Natural Gas						
Renewables					0.0	0.0
Electricity						
Gross Inland Consumption	**0.8**	**0.8**	**1.0**	**1.0**	**0.9**	**0.8**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	0.8	0.8	1.0	1.0	0.9	0.8
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.0	0.0	0.0	0.0	0.0	0.0
Electricity						
Wastes, Non-Renewable						
Primary Energy Intensity	**0.8**	**0.8**	**1.0**	**0.9**	**0.9**	**0.8**
Available for Final Consumption	**0.4**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**
Final Non-Energy Consumption			**0.0**	**0.0**	**0.0**	**0.0**
Final Energy Consumption	**0.5**	**0.4**	**0.4**	**0.5**	**0.5**	**0.5**
by Fuel/Product						
Solid Fuels						
Petroleum and Products	0.3	0.3	0.2	0.3	0.3	0.3
Gases						
Biomass and Renewable Wastes	0.0	0.0	0.0	0.0	0.0	0.0
Solar			0.0	0.0	0.0	0.0
Geothermal						
Electricity	0.1	0.1	0.2	0.1	0.2	0.2
Derived heat					0.0	0.0
Wastes, Non-Renewable						
by Sector						
Industry	0.0	0.0	0.0	0.1	0.0	0.0
Transport	0.3	0.3	0.2	0.3	0.3	0.3
Households	0.1	0.1	0.1	0.1	0.1	0.1
Services	0.0	0.0	0.0	0.1	0.1	0.1
Agriculture and Fishing						0.0
Other		0.0	0.0	0.0	0.0	0.0

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

Malta

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)				**0.6**	**0.6**	**0.6**
Combustible Fuels				0.6	0.6	0.6
Nuclear						
Hydro						
Wind						
Solar PV					0.0	0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**1.6**	**1.9**	**2.2**	**2.1**	**2.2**	**2.3**
Solid Fuels	0.1					
Petroleum and Products	1.5	1.9	2.2	2.1	2.2	2.3
Gases						
Nuclear						
Renewables				0.0	0.0	0.0
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	281	282	272
Motor Gasoline	129	76	73	78	78	77
Gas/Diesel Oil	106	78	38	101	98	94
Final Consumption Biofuels					1	2
Biogasoline						
Biodiesel					1	2
Main Energy Indicators						
Energy Intensity (toe/M€'05)	204	173	197	172	163	148
Energy per Capita (kgoe/cap)	1 999	2 057	2 408	2 300	2 207	1 996
Final Electricity per Capita (KWh/cap)	3 333	4 018	4 849	3 875	4 358	4 447
Primary Efficiency (toe/M€'05)	204	173	193	171	162	146
Import Dependency (%)	**104.7%**	**100.2%**	**99.9%**	**99.1%**	**100.7%**	**100.5%**
on Solid Fuels						
on Hard Coal						
on Petroleum Fuels	104.8%	100.3%	100.0%	99.2%	100.8%	100.8%
on Crude and NGL						
on Natural Gas						
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				0.4%	0.7%	1.4%
RES-H&C – Heating and Cooling				4.3%	7.8%	13.0%
RES-E – Electricity Generation				0.1%	0.6%	1.1%
RE-T – Transport						1.0%
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	3	4	7	6	7	7
GHGs Emissions	3	4	7	7	8	7
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	8 039	10 065	16 702	15 158	17 407	16 238
Carbon Intensity (kg CO_2/toe)	4 022	4 894	6 935	6 591	7 887	8 137
CO_2 GDP Intensity (ton CO_2/M€'05)	820	848	1 368	1 136	1 289	1 204

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

Netherlands

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**66.7**	**57.6**	**62.2**	**74.5**	**68.3**	**69.3**
Solid Fuels	0.0	0.0	0.0	0.0	0.0	0.0
of which Hard Coal						
Petroleum and Products	3.6	2.4	2.3	6.3	5.6	6.2
of which Crude and NGL	3.6	2.4	2.3	1.4	1.5	1.5
Gases	60.9	52.2	56.3	63.5	57.9	57.7
of which Natural Gas	60.9	52.2	56.3	63.5	57.9	57.7
Nuclear	1.0	1.0	1.0	1.0	1.1	1.0
Renewables	0.9	1.3	1.9	2.9	3.1	3.8
Wastes, Non-Renewable	0.3	0.6	0.7	0.7	0.7	0.7
Net Imports	**14.9**	**33.8**	**37.1**	**30.5**	**28.2**	**29.2**
Solid Fuels	8.8	8.0	8.3	9.2	7.5	6.9
of which Hard Coal	9.0	8.0	8.2	9.1	7.4	6.7
Petroleum and Products	31.5	41.4	47.8	45.2	43.2	45.7
of which Crude and NGL	59.5	61.0	61.7	60.9	57.0	57.9
Gases	-26.4	-17.2	-20.9	-24.2	-23.5	-24.6
of which Natural Gas	-26.4	-17.2	-20.9	-24.2	-23.5	-24.6
Renewables	0.0	-0.1	0.3	0.1	0.3	-0.3
Electricity	1.0	1.6	1.6	0.2	0.8	1.5
Gross Inland Consumption	**72.7**	**75.6**	**81.5**	**86.6**	**80.2**	**81.8**
Solid Fuels	9.0	7.9	8.2	7.6	7.5	8.2
of which Hard Coal	9.2	7.8	8.2	7.4	7.3	7.9
Petroleum and Products	26.0	28.2	32.5	34.6	32.5	33.9
of which Crude and NGL	63.5	62.5	63.8	62.3	59.4	59.6
Gases	34.5	35.0	35.3	39.3	34.3	33.0
of which Natural Gas	34.5	35.0	35.3	39.3	34.3	33.0
Nuclear	1.0	1.0	1.0	1.0	1.1	1.0
Renewables	0.9	1.2	2.2	3.1	3.3	3.5
Electricity	1.0	1.6	1.6	0.2	0.8	1.5
Wastes, Non-Renewable	0.3	0.6	0.7	0.7	0.8	0.7
Primary Energy Intensity	**63.4**	**65.1**	**68.5**	**71.1**	**66.3**	**67.1**
Available for Final Consumption	**57.3**	**61.0**	**64.8**	**70.4**	**64.6**	**66.4**
Final Non-Energy Consumption	**9.2**	**10.5**	**13.0**	**15.5**	**13.9**	**14.7**
Final Energy Consumption	**48.0**	**50.5**	**51.7**	**53.9**	**50.7**	**51.1**
by Fuel/Product						
Solid Fuels	1.5	1.3	1.5	1.3	1.4	1.5
Petroleum and Products	14.1	16.5	17.4	18.2	18.3	17.9
Gases	23.0	21.0	20.3	22.4	18.8	19.7
Biomass and Renewable Wastes	0.4	0.3	0.4	0.7	0.8	0.9
Solar	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal				0.0	0.0	0.0
Electricity	7.1	8.4	9.0	9.2	9.2	9.2
Derived heat	1.9	2.9	3.0	2.1	2.1	1.9
Wastes, Non-Renewable						
by Sector						
Industry	14.0	14.8	14.8	14.3	14.2	13.9
Transport	12.4	14.3	15.2	15.0	15.2	14.8
Households	10.9	10.3	10.1	11.5	9.8	10.3
Services	7.0	7.2	8.0	9.8	8.3	8.7
Agriculture and Fishing	3.7	3.9	3.5	3.3	3.2	3.5
Other						

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

Netherlands

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**19.0**	**21.1**	**21.8**	**26.7**	**28.0**	**29.9**
Combustible Fuels	18.2	20.1	20.0	23.7	25.0	26.5
Nuclear	0.5	0.4	0.4	0.5	0.5	0.5
Hydro	0.0	0.0	0.0	0.0	0.0	0.0
Wind	0.3	0.4	1.2	2.2	2.3	2.4
Solar PV	0.0	0.0	0.1	0.1	0.1	0.4
Geothermal						
Tide, Wave and Ocean						
Other Sources	0.0	0.0	0.1	0.1	0.1	0.1
Gross Electricity Generation (TWh)	**80.9**	**89.6**	**100.2**	**118.1**	**113.0**	**102.5**
Solid Fuels	27.4	24.3	23.5	22.6	21.4	24.2
Petroleum and Products	2.8	2.6	2.3	1.3	1.5	1.1
Gases	44.4	54.4	61.3	77.4	71.8	58.8
Nuclear	4.0	3.9	4.0	4.0	4.1	3.9
Renewables	1.4	3.0	7.4	11.2	12.3	12.5
Wastes, non-RES	0.6	1.2	1.4	1.6	1.7	1.8
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			7.2	9.3	9.2	
CHP Electricity Generation (TWh)			29.5	39.2	36.7	
CHP in Total Electricity Generation (%)			29.4 %	33.2 %	32.5 %	
CHP Heat Production (PJ)			220.3	233.6	224.0	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	12 282	14 157	15 059	14 596	14 749	14 294
Motor Gasoline	4 228	4 236	4 306	4 167	4 237	4 151
Gas/Diesel Oil	4 604	5 921	6 651	6 638	6 607	6 379
Final Consumption Biofuels				230	321	335
Biogasoline				135	149	124
Biodiesel				95	172	210
Main Energy Indicators						
Energy Intensity (toe/M€'05)	184	157	159	158	145	149
Energy per Capita (kgoe/cap)	4 700	4 746	4 993	5 214	4 805	4 882
Final Electricity per Capita (KWh/cap)	5 349	6 142	6 405	6 433	6 438	6 356
Primary Efficiency (toe/M€'05)	161	135	133	129	120	123
Import Dependency (%)	**17.7 %**	**38.0 %**	**37.7 %**	**30.4 %**	**29.7 %**	**30.7 %**
on Solid Fuels	97.8 %	101.9 %	101.4 %	121.5 %	100.8 %	83.6 %
on Hard Coal	97.4 %	101.5 %	100.3 %	122.3 %	101.4 %	83.9 %
on Petroleum Fuels	84.6 %	99.8 %	97.1 %	93.3 %	91.3 %	96.7 %
on Crude and NGL	93.8 %	97.7 %	96.7 %	97.6 %	95.9 %	97.2 %
on Natural Gas	-76.4 %	-49.1 %	-59.3 %	-61.6 %	-68.6 %	-74.5 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				3.7 %	4.3 %	4.5 %
RES-H&C – Heating and Cooling				2.7 %	3.3 %	3.4 %
RES-E – Electricity Generation				9.7 %	9.8 %	10.5 %
RE-T – Transport				3.1 %	4.6 %	5.0 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	214	222	241	235	227	219
GHGs Emissions	266	266	275	263	254	245
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	13 824	13 965	14 764	14 129	13 582	13 062
Carbon Intensity (kg CO_2/toe)	2 941	2 942	2 957	2 710	2 827	2 676
CO_2 GDP Intensity (ton CO_2/M€'05)	542	462	469	427	409	400

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

Austria

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**8.8**	**9.8**	**10.0**	**12.2**	**11.6**	**12.8**
Solid Fuels	0.3	0.3	0.0	0.0	0.0	0.0
of which Hard Coal	0.0					
Petroleum and Products	1.1	1.1	1.0	1.1	1.0	1.0
of which Crude and NGL	1.1	1.1	1.0	1.0	0.9	0.9
Gases	1.3	1.5	1.4	1.5	1.5	1.6
of which Natural Gas	1.3	1.5	1.4	1.5	1.5	1.6
Nuclear						
Renewables	5.8	6.6	7.2	8.9	8.4	9.6
Wastes, Non-Renewable	0.2	0.3	0.4	0.7	0.7	0.7
Net Imports	**18.0**	**19.0**	**24.5**	**21.5**	**23.6**	**21.4**
Solid Fuels	2.6	3.0	4.0	3.4	3.2	3.3
of which Hard Coal	2.0	2.3	3.0	2.5	2.3	2.5
Petroleum and Products	10.1	10.9	13.2	11.5	11.1	11.0
of which Crude and NGL	7.6	7.2	7.9	6.6	7.3	7.5
Gases	5.4	5.3	7.2	6.1	8.0	6.4
of which Natural Gas	5.4	5.3	7.2	6.1	8.0	6.4
Renewables	0.0	0.0	0.0	0.4	0.5	0.5
Electricity	-0.2	-0.1	0.2	0.2	0.7	0.2
Gross Inland Consumption	**27.1**	**29.0**	**34.4**	**34.6**	**33.6**	**33.7**
Solid Fuels	3.5	3.6	4.0	3.4	3.5	3.2
of which Hard Coal	2.3	2.6	2.8	2.5	2.6	2.4
Petroleum and Products	11.3	12.2	14.4	12.8	12.1	12.0
of which Crude and NGL	8.6	8.3	8.9	7.7	8.4	8.4
Gases	6.4	6.5	8.2	8.2	7.8	7.4
of which Natural Gas	6.4	6.5	8.2	8.2	7.8	7.4
Nuclear						
Renewables	5.9	6.6	7.1	9.3	8.8	10.1
Electricity	-0.2	-0.1	0.2	0.2	0.7	0.2
Wastes, Non-Renewable	0.2	0.3	0.4	0.7	0.7	0.7
Primary Energy Intensity	**25.7**	**27.3**	**32.6**	**32.7**	**31.9**	**31.8**
Available for Final Consumption	**22.7**	**25.4**	**29.9**	**30.3**	**29.2**	**29.2**
Final Non-Energy Consumption	**1.4**	**1.7**	**1.7**	**1.9**	**1.7**	**1.9**
Final Energy Consumption	**21.4**	**23.7**	**28.2**	**28.4**	**27.5**	**27.3**
by Fuel/Product						
Solid Fuels	1.6	1.4	1.5	1.2	1.1	1.1
Petroleum and Products	8.9	9.8	12.1	10.5	10.0	9.8
Gases	3.8	4.5	5.1	5.2	5.2	5.0
Biomass and Renewable Wastes	2.1	2.3	2.8	3.8	3.6	3.7
Solar	0.0	0.1	0.1	0.2	0.2	0.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	4.0	4.4	5.0	5.4	5.3	5.4
Derived heat	0.8	1.0	1.4	1.9	1.8	1.8
Wastes, Non-Renewable	0.1	0.1	0.3	0.3	0.3	0.3
by Sector						
Industry	6.4	7.3	8.8	9.1	9.3	9.1
Transport	5.8	7.0	9.1	8.7	8.5	8.4
Households	6.3	6.3	6.8	7.0	6.5	6.6
Services	2.3	2.5	2.9	3.0	2.7	2.6
Agriculture and Fishing	0.5	0.5	0.5	0.6	0.5	0.6
Other						

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

Austria

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**17.4**	**17.8**	**18.9**	**21.2**	**22.6**	**22.9**
Combustible Fuels	6.1	6.1	6.5	7.3	8.2	8.2
Nuclear						
Hydro	11.3	11.6	11.6	12.7	13.0	13.1
Wind		0.1	0.8	1.0	1.1	1.3
Solar PV	0.0	0.0	0.0	0.2	0.3	0.4
Geothermal			0.0	0.0	0.0	0.0
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**56.2**	**61.3**	**66.4**	**71.1**	**65.8**	**72.6**
Solid Fuels	4.3	5.7	7.2	4.9	5.4	4.4
Petroleum and Products	2.1	1.7	1.6	1.3	1.0	0.7
Gases	9.8	8.9	14.3	16.1	14.3	11.5
Nuclear						
Renewables	40.0	44.8	43.0	48.2	44.4	55.1
Wastes, non-RES	0.1	0.1	0.3	0.6	0.6	0.8
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			3.3	3.2	3.7	
CHP Electricity Generation (TWh)			10.1	11.0	10.3	
CHP in Total Electricity Generation (%)			15.4%	15.4%	15.7%	
CHP Heat Production (PJ)			95.8	110.6	96.4	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	5 460	6 531	8 561	7 791	7 604	7 518
Motor Gasoline	2 429	2 016	2 109	1 700	1 639	1 608
Gas/Diesel Oil	2 553	3 907	5 744	5 359	5 193	5 168
Final Consumption Biofuels	10	16	50	485	487	479
Biogasoline				68	66	68
Biodiesel	10	16	50	417	420	411
Main Energy Indicators						
Energy Intensity (toe/M€'05)	140	128	140	132	125	124
Energy per Capita (kgoe/cap)	3 406	3 617	4 176	4 138	4 011	3 994
Final Electricity per Capita (KWh/cap)	5 877	6 433	7 088	7 445	7 416	7 477
Primary Efficiency (toe/M€'05)	133	121	133	125	119	117
Import Dependency (%)	**66.4%**	**65.4%**	**71.3%**	**62.2%**	**70.1%**	**63.6%**
on Solid Fuels	75.7%	83.9%	99.3%	99.9%	93.1%	102.6%
on Hard Coal	88.3%	91.6%	106.9%	97.5%	88.8%	104.0%
on Petroleum Fuels	89.3%	89.1%	91.4%	89.3%	91.2%	91.5%
on Crude and NGL	87.6%	86.9%	88.5%	86.1%	86.8%	88.7%
on Natural Gas	84.8%	80.6%	87.7%	74.4%	103.2%	86.3%
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				30.8%	30.8%	32.1%
RES-H&C – Heating and Cooling				30.7%	30.9%	32.8%
RES-E – Electricity Generation				64.9%	65.0%	65.5%
RE-T – Transport				8.6%	7.6%	7.7%
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	65	68	81	74	73	70
GHGs Emissions	81	82	95	87	85	82
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	8 216	8 456	9 898	8 906	8 651	8 290
Carbon Intensity (kg CO_2/toe)	2 412	2 338	2 370	2 152	2 157	2 076
CO_2 GDP Intensity (ton CO_2/M€'05)	338	300	332	284	270	257

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

Poland

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**99.4**	**79.9**	**78.9**	**67.6**	**68.6**	**71.9**
Solid Fuels	91.1	71.3	68.9	55.4	55.8	57.8
of which Hard Coal	78.2	59.2	56.1	43.8	43.2	45.1
Petroleum and Products	0.4	1.1	1.1	1.1	0.9	1.1
of which Crude and NGL	0.3	0.6	0.8	0.7	0.6	0.7
Gases	3.2	3.3	3.9	3.7	3.9	3.8
of which Natural Gas	3.2	3.3	3.9	3.7	3.8	3.8
Nuclear						
Renewables	3.9	3.8	4.5	6.9	7.4	8.5
Wastes, Non-Renewable	0.8	0.4	0.5	0.6	0.6	0.6
Net Imports	**-1.2**	**8.8**	**15.9**	**31.6**	**33.9**	**30.1**
Solid Fuels	-21.2	-16.4	-13.0	-2.8	-0.6	-3.5
of which Hard Coal	-18.9	-13.8	-9.7	1.8	4.0	1.1
Petroleum and Products	14.5	19.1	21.5	25.2	24.8	23.7
of which Crude and NGL	11.9	17.4	17.5	22.3	23.2	24.2
Gases	5.8	6.6	8.5	8.9	9.6	10.0
of which Natural Gas	5.8	6.6	8.5	8.9	9.6	10.0
Renewables			-0.1	0.4	0.5	0.2
Electricity	-0.2	-0.5	-1.0	-0.1	-0.5	-0.2
Gross Inland Consumption	**98.8**	**89.0**	**92.5**	**100.9**	**101.2**	**98.0**
Solid Fuels	70.3	56.3	54.6	54.6	54.6	50.6
of which Hard Coal	59.7	46.4	45.6	47.9	46.8	42.4
Petroleum and Products	15.0	19.0	21.7	25.7	25.7	24.8
of which Crude and NGL	12.3	17.5	18.0	22.7	23.9	24.9
Gases	9.0	10.0	12.2	12.8	12.8	13.6
of which Natural Gas	9.0	10.0	12.2	12.8	12.8	13.6
Nuclear						
Renewables	3.9	3.8	4.5	7.3	8.0	8.6
Electricity	-0.2	-0.5	-1.0	-0.1	-0.5	-0.2
Wastes, Non-Renewable	0.8	0.4	0.5	0.6	0.6	0.6
Primary Energy Intensity	**95.1**	**84.6**	**88.0**	**96.0**	**96.3**	**93.3**
Available for Final Consumption	**67.3**	**59.1**	**63.5**	**71.9**	**71.1**	**68.1**
Final Non-Energy Consumption	**3.7**	**4.4**	**4.6**	**4.9**	**5.0**	**4.6**
Final Energy Consumption	**62.9**	**55.7**	**58.3**	**66.3**	**63.9**	**63.6**
by Fuel/Product						
Solid Fuels	22.6	13.5	11.5	13.3	11.8	12.0
Petroleum and Products	11.6	15.5	17.8	20.6	20.6	19.9
Gases	7.8	7.5	8.7	9.5	9.1	9.2
Biomass and Renewable Wastes	3.7	3.5	3.8	5.2	5.5	5.4
Solar			0.0	0.0	0.0	0.0
Geothermal		0.0	0.0	0.0	0.0	0.0
Electricity	7.7	8.5	9.1	10.2	10.5	10.5
Derived heat	8.8	6.9	7.1	7.0	5.8	6.0
Wastes, Non-Renewable	0.7	0.4	0.3	0.6	0.6	0.6
by Sector						
Industry	23.0	19.0	16.6	15.3	15.0	14.9
Transport	8.3	9.9	12.5	17.6	17.8	17.3
Households	22.7	17.2	18.3	21.1	19.0	19.6
Services	4.2	5.0	6.4	8.5	8.4	8.2
Agriculture and Fishing	4.8	4.6	4.4	3.8	3.7	3.7
Other	0.0	0.0		0.0	0.0	0.0

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

Poland

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**29.5**	**30.6**	**32.3**	**33.4**	**34.6**	**35.3**
Combustible Fuels	27.4	28.4	29.8	29.9	30.4	30.4
Nuclear						
Hydro	2.1	2.2	2.3	2.3	2.3	2.4
Wind		0.0	0.1	1.1	1.8	2.6
Solar PV					0.0	0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**139.0**	**145.2**	**156.9**	**157.7**	**163.5**	**162.1**
Solid Fuels	131.8	135.9	142.2	136.6	139.9	134.7
Petroleum and Products	1.5	1.9	2.8	2.9	2.5	2.0
Gases	1.5	2.7	6.4	6.7	7.6	8.1
Nuclear						
Renewables	3.9	4.3	5.4	11.5	13.6	17.3
Wastes, non-RES	0.3	0.3	0.2	0.1	0.1	0.1
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			8.3	8.7	8.8	
CHP Electricity Generation (TWh)			26.3	27.7	27.1	
CHP in Total Electricity Generation (%)			16.8 %	17.6 %	16.6 %	
CHP Heat Production (PJ)			275.4	277.1	263.5	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	7 891	9 459	11 911	16 217	16 371	15 942
Motor Gasoline	4 610	5 319	4 230	4 234	4 004	3 822
Gas/Diesel Oil	2 796	3 396	5 657	9 647	10 097	9 798
Final Consumption Biofuels			49	886	934	823
Biogasoline			34	189	179	154
Biodiesel			15	698	755	669
Main Energy Indicators						
Energy Intensity (toe/M€'05)	613	424	379	328	315	299
Energy per Capita (kgoe/cap)	2 582	2 326	2 425	2 620	2 627	2 542
Final Electricity per Capita (KWh/cap)	2 343	2 578	2 762	3 092	3 164	3 183
Primary Efficiency (toe/M€'05)	590	403	360	312	299	285
Import Dependency (%)	**-1.2 %**	**9.8 %**	**17.2 %**	**31.2 %**	**33.4 %**	**30.7 %**
on Solid Fuels	-30.2 %	-29.1 %	-23.9 %	-5.2 %	-1.1 %	-6.9 %
on Hard Coal	-31.7 %	-29.9 %	-21.3 %	3.7 %	8.6 %	2.5 %
on Petroleum Fuels	95.9 %	98.7 %	97.5 %	97.0 %	95.9 %	94.7 %
on Crude and NGL	97.1 %	99.1 %	97.3 %	98.4 %	97.2 %	97.1 %
on Natural Gas	64.6 %	66.3 %	69.7 %	69.3 %	75.1 %	73.8 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				9.3 %	10.4 %	11.0 %
RES-H&C – Heating and Cooling				11.9 %	13.4 %	13.7 %
RES-E – Electricity Generation				6.6 %	8.2 %	10.7 %
RE-T – Transport				6.3 %	6.5 %	6.1 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	362	320	320	332	330	323
GHGs Emissions	442	398	401	410	408	401
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	9 463	8 376	8 394	8 615	8 556	8 381
Carbon Intensity (kg CO_2/toe)	3 665	3 601	3 462	3 288	3 257	3 297
CO_2 GDP Intensity (ton CO_2/M€'05)	2 245	1 526	1 311	1 078	1 025	985

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

Portugal

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**3.4**	**3.9**	**3.6**	**5.6**	**5.3**	**4.6**
Solid Fuels						
of which Hard Coal						
Petroleum and Products						
of which Crude and NGL						
Gases	0.1	0.0				
of which Natural Gas						
Nuclear						
Renewables	3.3	3.8	3.5	5.4	5.1	4.4
Wastes, Non-Renewable		0.1	0.1	0.2	0.2	0.2
Net Imports	**18.0**	**22.1**	**24.8**	**18.6**	**18.8**	**18.1**
Solid Fuels	3.8	3.9	3.2	1.6	2.1	3.0
of which Hard Coal	3.8	4.0	3.2	1.6	2.1	3.0
Petroleum and Products	14.1	16.0	17.1	12.4	12.1	10.7
of which Crude and NGL	13.0	11.6	13.5	11.4	10.5	11.3
Gases		2.0	3.9	4.5	4.5	3.9
of which Natural Gas		2.0	3.9	4.5	4.5	3.9
Renewables				-0.2	-0.2	-0.2
Electricity	0.1	0.1	0.6	0.2	0.2	0.7
Gross Inland Consumption	**20.6**	**25.3**	**27.5**	**24.3**	**23.6**	**22.2**
Solid Fuels	3.6	3.8	3.3	1.7	2.2	2.9
of which Hard Coal	3.6	3.8	3.3	1.7	2.2	2.9
Petroleum and Products	13.6	15.5	16.2	12.3	11.4	10.0
of which Crude and NGL	13.0	11.8	13.4	11.5	10.4	11.3
Gases	0.1	2.1	3.8	4.5	4.5	3.9
of which Natural Gas		2.0	3.8	4.5	4.5	3.9
Nuclear						
Renewables	3.3	3.8	3.5	5.5	5.1	4.4
Electricity	0.1	0.1	0.6	0.2	0.2	0.7
Wastes, Non-Renewable		0.1	0.1	0.2	0.2	0.2
Primary Energy Intensity	**18.6**	**22.9**	**24.9**	**22.6**	**21.9**	**20.9**
Available for Final Consumption	**15.9**	**20.2**	**21.7**	**19.8**	**19.0**	**17.5**
Final Non-Energy Consumption	**2.1**	**2.4**	**2.6**	**1.7**	**1.8**	**1.3**
Final Energy Consumption	**13.9**	**17.9**	**19.0**	**18.1**	**17.3**	**16.2**
by Fuel/Product						
Solid Fuels	0.5	0.5	0.0	0.1	0.0	0.0
Petroleum and Products	8.3	10.7	10.8	9.3	8.5	7.9
Gases	0.1	0.9	1.3	1.6	1.6	1.6
Biomass and Renewable Wastes	2.4	2.4	2.5	2.5	2.5	2.1
Solar	0.0	0.0	0.0	0.0	0.1	0.1
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	2.5	3.3	4.0	4.3	4.2	4.0
Derived heat	0.0	0.1	0.3	0.3	0.3	0.3
Wastes, Non-Renewable			0.0	0.1	0.1	0.1
by Sector						
Industry	4.9	6.3	5.8	5.5	5.3	4.7
Transport	4.9	6.6	7.2	7.3	6.9	6.5
Households	2.6	2.8	3.2	3.0	2.8	2.7
Services	0.9	1.4	2.2	1.9	1.8	1.8
Agriculture and Fishing	0.5	0.7	0.6	0.5	0.4	0.4
Other	0.0	0.0	0.0	0.0	0.0	0.0

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

Portugal

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**9.4**	**10.9**	**13.4**	**18.9**	**19.9**	**19.8**
Combustible Fuels	4.9	6.3	7.3	9.9	9.9	9.4
Nuclear						
Hydro	4.5	4.5	5.0	5.1	5.5	5.7
Wind	0.0	0.1	1.1	3.8	4.3	4.4
Solar PV		0.0	0.0	0.1	0.2	0.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**33.3**	**43.8**	**46.6**	**54.1**	**52.5**	**46.6**
Solid Fuels	13.4	14.6	15.2	7.1	9.8	13.1
Petroleum and Products	10.3	8.4	8.8	3.0	2.7	2.2
Gases	0.1	7.2	13.6	14.9	14.9	10.7
Nuclear						
Renewables	9.5	13.3	8.6	28.8	24.7	20.4
Wastes, non-RES		0.3	0.3	0.3	0.3	0.3
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.1	1.3	1.4	
CHP Electricity Generation (TWh)			5.4	6.4	6.6	
CHP in Total Electricity Generation (%)			11.6 %	11.8 %	12.7 %	
CHP Heat Production (PJ)			59.6	67.2	69.3	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	4 913	6 604	7 137	6 940	6 539	6 130
Motor Gasoline	2 022	2 272	1 935	1 450	1 306	1 180
Gas/Diesel Oil	2 273	3 523	4 286	4 366	4 088	3 790
Final Consumption Biofuels				309	293	275
Biogasoline						3
Biodiesel				305	289	268
Main Energy Indicators						
Energy Intensity (toe/M€'05)	172	171	178	153	151	147
Energy per Capita (kgoe/cap)	2 057	2 473	2 604	2 283	2 223	2 099
Final Electricity per Capita (KWh/cap)	2 872	3 753	4 391	4 690	4 553	4 371
Primary Efficiency (toe/M€'05)	154	155	161	142	140	138
Import Dependency (%)	**85.3 %**	**85.1 %**	**88.6 %**	**75.1 %**	**77.6 %**	**79.5 %**
on Solid Fuels	105.8 %	102.9 %	96.3 %	98.3 %	97.3 %	103.3 %
on Hard Coal	105.9 %	103.4 %	96.3 %	98.3 %	97.3 %	103.3 %
on Petroleum Fuels	100.6 %	99.4 %	102.3 %	97.5 %	100.8 %	100.9 %
on Crude and NGL	100.0 %	99.0 %	100.2 %	98.8 %	100.7 %	100.0 %
on Natural Gas		100.3 %	103.8 %	100.4 %	101.6 %	99.7 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				24.2 %	24.5 %	24.6 %
RES-H&C – Heating and Cooling				33.7 %	35.0 %	33.0 %
RES-E – Electricity Generation				40.7 %	45.9 %	47.6 %
RE-T – Transport				5.6 %	0.4 %	0.4 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	57	69	73	57	56	55
GHGs Emissions	74	88	92	75	74	74
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	5 689	6 784	6 922	5 332	5 252	5 210
Carbon Intensity (kg CO_2/toe)	2 765	2 744	2 658	2 336	2 363	2 483
CO_2 GDP Intensity (ton CO_2/M€'05)	474	469	473	358	356	364

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

Romania

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**32.3**	**28.5**	**28.2**	**27.8**	**27.9**	**27.4**
Solid Fuels	7.9	5.6	5.8	5.9	6.7	6.3
of which Hard Coal	0.7	0.2	0.0	0.0	0.0	0.0
Petroleum and Products	6.8	6.4	6.2	4.6	4.5	4.2
of which Crude and NGL	6.7	6.3	5.6	4.5	4.5	4.1
Gases	14.4	11.0	9.7	8.6	8.7	8.7
of which Natural Gas	14.4	11.0	9.7	8.6	8.7	8.7
Nuclear		1.4	1.4	3.0	3.0	3.0
Renewables	2.8	4.0	5.0	5.7	5.0	5.2
Wastes, Non-Renewable	0.4	0.1	0.1	0.0	0.0	0.0
Net Imports	**14.0**	**8.0**	**10.8**	**7.8**	**7.9**	**8.0**
Solid Fuels	2.9	1.9	2.9	1.2	1.1	1.3
of which Hard Coal	3.0	1.6	2.4	0.5	0.6	0.8
Petroleum and Products	6.4	3.4	4.0	4.8	4.4	4.5
of which Crude and NGL	8.3	4.8	8.9	6.0	5.7	5.2
Gases	4.8	2.7	4.2	1.8	2.5	2.3
of which Natural Gas	4.8	2.7	4.2	1.8	2.5	2.3
Renewables				0.1	0.1	-0.1
Electricity	0.0	-0.1	-0.2	-0.2	-0.2	0.0
Gross Inland Consumption	**46.3**	**36.6**	**39.2**	**35.8**	**36.6**	**35.4**
Solid Fuels	10.8	7.5	8.8	7.0	8.2	7.6
of which Hard Coal	3.7	1.7	2.4	0.5	0.6	0.8
Petroleum and Products	13.1	10.0	10.3	9.3	9.3	8.8
of which Crude and NGL	15.1	11.0	14.4	10.7	10.3	9.2
Gases	19.2	13.7	13.9	10.8	11.1	10.8
of which Natural Gas	19.2	13.7	13.9	10.8	11.1	10.8
Nuclear		1.4	1.4	3.0	3.0	3.0
Renewables	2.8	4.0	4.9	5.9	5.1	5.2
Electricity	0.0	-0.1	-0.2	-0.2	-0.2	0.0
Wastes, Non-Renewable	0.4	0.1	0.1	0.0	0.0	0.0
Primary Energy Intensity	**45.1**	**34.8**	**36.7**	**34.3**	**34.8**	**33.6**
Available for Final Consumption	**30.4**	**25.0**	**26.9**	**24.8**	**24.7**	**24.2**
Final Non-Energy Consumption	**1.2**	**1.9**	**2.5**	**1.5**	**1.7**	**1.7**
Final Energy Consumption	**27.0**	**22.8**	**24.7**	**22.6**	**22.8**	**22.7**
by Fuel/Product						
Solid Fuels	1.6	1.0	1.6	0.9	0.8	0.8
Petroleum and Products	5.7	5.5	6.6	6.2	6.7	6.7
Gases	10.3	6.9	7.8	6.2	6.2	6.2
Biomass and Renewable Wastes	1.3	2.7	3.2	4.0	3.6	3.8
Solar				0.0	0.0	0.0
Geothermal		0.0	0.0	0.0	0.0	0.0
Electricity	3.1	2.9	3.3	3.6	3.7	3.6
Derived heat	4.7	3.6	2.1	1.6	1.7	1.5
Wastes, Non-Renewable	0.2	0.1	0.1	0.0	0.0	0.0
by Sector						
Industry	15.1	9.3	10.0	6.9	7.1	6.8
Transport	3.1	3.5	4.3	5.1	5.3	5.3
Households	6.3	8.4	8.0	8.1	7.9	8.1
Services	0.5	0.7	1.7	1.9	1.8	1.8
Agriculture and Fishing	1.0	0.4	0.2	0.4	0.4	0.5
Other	0.9	0.5	0.6	0.2	0.2	0.2

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

Romania

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**6.0**	**6.1**	**19.0**	**19.9**	**20.5**	**21.8**
Combustible Fuels			12.0	11.6	11.6	11.9
Nuclear			0.7	1.4	1.4	1.4
Hydro	6.0	6.1	6.3	6.5	6.5	6.5
Wind			0.0	0.4	1.0	1.8
Solar PV					0.0	0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**59.3**	**51.9**	**59.4**	**61.0**	**62.2**	**59.0**
Solid Fuels	20.6	18.9	21.9	20.7	24.8	22.9
Petroleum and Products	5.8	3.4	1.9	0.7	0.8	0.8
Gases	16.0	9.0	9.8	7.3	8.4	8.7
Nuclear		5.5	5.6	11.6	11.7	11.5
Renewables	16.7	14.8	20.2	20.7	16.5	15.2
Wastes, non-RES	0.0		0.0			
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.3	4.6	2.2	
CHP Electricity Generation (TWh)			15.6	6.5	7.3	
CHP in Total Electricity Generation (%)			26.2 %	10.8 %	11.7 %	
CHP Heat Production (PJ)			95.4	69.0	71.9	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	2 912	3 273	4 103	4 882	5 022	5 012
Motor Gasoline	1 082	1 321	1 600	1 412	1 346	1 331
Gas/Diesel Oil	1 583	1 756	2 298	3 172	3 367	3 450
Final Consumption Biofuels				115	195	218
Biogasoline				47	47	59
Biodiesel				67	138	159
Main Energy Indicators						
Energy Intensity (toe/M€'05)	751	606	491	395	394	379
Energy per Capita (kgoe/cap)	2 042	1 634	1 839	1 768	1 815	1 760
Final Electricity per Capita (KWh/cap)	1 603	1 513	1 823	2 041	2 120	2 109
Primary Efficiency (toe/M€'05)	731	575	460	378	375	360
Import Dependency (%)	**30.3 %**	**21.8 %**	**27.6 %**	**21.9 %**	**21.6 %**	**22.7 %**
on Solid Fuels	26.5 %	25.6 %	33.4 %	17.6 %	13.8 %	16.6 %
on Hard Coal	81.7 %	96.0 %	102.2 %	100.8 %	96.7 %	97.4 %
on Petroleum Fuels	48.6 %	34.2 %	38.5 %	51.9 %	47.0 %	51.4 %
on Crude and NGL	54.9 %	43.5 %	61.3 %	56.5 %	55.1 %	56.6 %
on Natural Gas	24.9 %	19.8 %	30.1 %	16.8 %	22.2 %	21.2 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				23.2 %	21.2 %	22.9 %
RES-H&C – Heating and Cooling				27.2 %	24.3 %	25.7 %
RES-E – Electricity Generation				30.4 %	31.1 %	33.6 %
RE-T – Transport				3.1 %	2.0 %	4.1 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	127	93	100	80	86	84
GHGs Emissions	176	135	142	116	122	119
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	5 599	4 158	4 675	3 971	4 272	4 195
Carbon Intensity (kg CO_2/toe)	2 741	2 545	2 542	2 246	2 354	2 384
CO_2 GDP Intensity (ton CO_2/M€'05)	2 060	1 544	1 249	886	927	903

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

Slovenia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**3.0**	**3.1**	**3.5**	**3.7**	**3.8**	**3.5**
Solid Fuels	1.2	1.1	1.2	1.2	1.2	1.1
of which Hard Coal						
Petroleum and Products	0.0	0.0		0.0		0.0
of which Crude and NGL	0.0	0.0				
Gases	0.0	0.0	0.0	0.0	0.0	0.0
of which Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0
Nuclear	1.2	1.2	1.5	1.5	1.6	1.4
Renewables	0.5	0.8	0.8	1.0	1.0	1.0
Wastes, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Net Imports	**3.1**	**3.4**	**3.9**	**3.6**	**3.5**	**3.6**
Solid Fuels	0.2	0.2	0.3	0.3	0.3	0.3
of which Hard Coal	0.1	0.2	0.3	0.2	0.2	0.2
Petroleum and Products	2.3	2.5	2.6	2.6	2.6	2.7
of which Crude and NGL	0.5	0.1				
Gases	0.8	0.8	0.9	0.9	0.7	0.7
of which Natural Gas	0.8	0.8	0.9	0.9	0.7	0.7
Renewables	0.0			0.0	0.0	0.1
Electricity	-0.1	-0.1	0.0	-0.2	-0.1	-0.1
Gross Inland Consumption	**6.1**	**6.5**	**7.3**	**7.2**	**7.3**	**7.0**
Solid Fuels	1.4	1.3	1.5	1.5	1.5	1.4
of which Hard Coal	0.1	0.2	0.3	0.2	0.2	0.2
Petroleum and Products	2.3	2.4	2.6	2.6	2.6	2.5
of which Crude and NGL	0.5	0.1				
Gases	0.7	0.8	0.9	0.9	0.7	0.7
of which Natural Gas	0.7	0.8	0.9	0.9	0.7	0.7
Nuclear	1.2	1.2	1.5	1.5	1.6	1.4
Renewables	0.5	0.8	0.8	1.0	1.0	1.0
Electricity	-0.1	-0.1	0.0	-0.2	-0.1	-0.1
Wastes, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Primary Energy Intensity	**6.0**	**6.2**	**7.0**	**7.0**	**7.2**	**6.9**
Available for Final Consumption	**4.2**	**4.7**	**5.2**	**5.2**	**5.1**	**5.0**
Final Non-Energy Consumption	**0.1**	**0.2**	**0.3**	**0.2**	**0.1**	**0.1**
Final Energy Consumption	**4.1**	**4.5**	**4.9**	**4.9**	**5.0**	**4.9**
by Fuel/Product						
Solid Fuels	0.1	0.1	0.1	0.0	0.1	0.0
Petroleum and Products	2.1	2.3	2.4	2.4	2.4	2.4
Gases	0.6	0.6	0.7	0.6	0.6	0.5
Biomass and Renewable Wastes	0.3	0.4	0.4	0.5	0.6	0.6
Solar				0.0	0.0	0.0
Geothermal				0.0	0.0	0.0
Electricity	0.8	0.9	1.1	1.0	1.1	1.1
Derived heat	0.2	0.2	0.2	0.2	0.2	0.2
Wastes, Non-Renewable			0.0	0.0	0.0	0.0
by Sector						
Industry	1.2	1.4	1.6	1.3	1.2	1.2
Transport	1.3	1.3	1.5	1.8	1.9	1.9
Households	1.2	1.1	1.2	1.2	1.2	1.2
Services	0.4	0.5	0.5	0.5	0.5	0.5
Agriculture and Fishing		0.1	0.1	0.1	0.1	0.1
Other	0.0	0.0	0.0	0.0	0.0	0.0

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

Slovenia

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**2.5**	**2.6**	**3.0**	**3.2**	**3.3**	**3.4**
Combustible Fuels	1.1	1.1	1.4	1.3	1.3	1.3
Nuclear	0.7	0.7	0.7	0.7	0.7	0.7
Hydro	0.8	0.8	1.0	1.3	1.3	1.3
Wind						
Solar PV				0.0	0.1	0.1
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**12.9**	**13.6**	**15.1**	**16.4**	**16.1**	**15.7**
Solid Fuels	4.6	4.6	5.3	5.3	5.3	5.1
Petroleum and Products	0.3	0.1	0.0	0.0	0.0	0.0
Gases	0.0	0.3	0.3	0.5	0.5	0.5
Nuclear	4.8	4.8	5.9	5.7	6.2	5.5
Renewables	3.3	3.9	3.6	4.9	4.0	4.5
Wastes, non-RES			0.0	0.0	0.0	0.0
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			0.3	0.3	0.3	
CHP Electricity Generation (TWh)			1.1	1.1	1.1	
CHP in Total Electricity Generation (%)			7.3%	6.9%	7.1%	
CHP Heat Production (PJ)			15.0	11.6	11.0	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 334	1 236	1 476	1 746	1 855	1 842
Motor Gasoline	880	860	698	600	582	526
Gas/Diesel Oil	433	350	754	1 111	1 241	1 282
Final Consumption Biofuels				45	35	51
Biogasoline				3	4	5
Biodiesel				42	31	46
Main Energy Indicators						
Energy Intensity (toe/M€'05)	312	268	255	231	231	228
Energy per Capita (kgoe/cap)	3 053	3 243	3 661	3 527	3 547	3 406
Final Electricity per Capita (KWh/cap)	4 698	5 289	6 368	5 840	6 141	6 101
Primary Efficiency (toe/M€'05)	306	258	244	224	227	224
Import Dependency (%)	**50.9%**	**52.8%**	**52.5%**	**49.4%**	**48.1%**	**51.6%**
on Solid Fuels	13.6%	18.7%	21.0%	19.2%	17.5%	21.5%
on Hard Coal	100.0%	100.6%	93.7%	101.4%	94.6%	117.9%
on Petroleum Fuels	97.8%	101.5%	101.3%	100.0%	100.1%	105.0%
on Crude and NGL	95.9%	87.0%				
on Natural Gas	100.6%	99.3%	99.6%	99.3%	99.8%	99.8%
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				19.2%	19.4%	20.2%
RES-H&C – Heating and Cooling				25.5%	28.7%	30.6%
RES-E – Electricity Generation				32.1%	30.8%	31.4%
RE-T – Transport				2.8%	2.1%	2.9%
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	15	15	17	16	16	16
GHGs Emissions	19	19	20	20	20	19
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7 576	7 681	8 408	7 941	7 966	7 731
Carbon Intensity (kg CO_2/toe)	2 481	2 369	2 297	2 251	2 246	2 270
CO_2 GDP Intensity (ton CO_2/M€'05)	775	635	586	519	518	517

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

Slovakia

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**5.1**	**6.4**	**6.7**	**6.3**	**6.6**	**6.6**
Solid Fuels	1.0	1.0	0.6	0.6	0.6	0.6
of which Hard Coal						
Petroleum and Products	0.1	0.2	0.4	0.4	0.4	0.3
of which Crude and NGL	0.1	0.1	0.0	0.0	0.0	0.0
Gases	0.3	0.1	0.1	0.1	0.1	0.1
of which Natural Gas	0.3	0.1	0.1	0.1	0.1	0.1
Nuclear	3.0	4.3	4.6	3.8	4.0	4.0
Renewables	0.5	0.5	0.9	1.4	1.4	1.4
Wastes, Non-Renewable	0.2	0.3	0.1	0.0	0.0	0.0
Net Imports	**12.1**	**12.0**	**12.4**	**11.2**	**11.2**	**10.0**
Solid Fuels	4.1	3.4	3.7	3.0	3.0	3.1
of which Hard Coal	3.1	3.1	3.5	2.6	2.7	2.8
Petroleum and Products	3.4	3.1	3.3	3.3	3.3	3.0
of which Crude and NGL	5.1	5.7	5.4	5.3	5.8	5.2
Gases	4.5	5.7	5.7	5.0	4.9	3.9
of which Natural Gas	4.5	5.7	5.7	5.0	4.9	3.9
Renewables			0.0	-0.1	-0.1	-0.1
Electricity	0.1	-0.2	-0.3	0.1	0.1	0.0
Gross Inland Consumption	**17.7**	**18.3**	**19.0**	**17.9**	**17.4**	**16.7**
Solid Fuels	5.4	4.3	4.2	3.9	3.7	3.5
of which Hard Coal	3.3	3.0	3.3	2.8	2.7	2.6
Petroleum and Products	3.3	3.4	3.7	3.7	3.6	3.4
of which Crude and NGL	5.0	5.9	5.6	5.3	5.8	5.2
Gases	5.2	5.8	5.9	5.0	4.6	4.4
of which Natural Gas	5.2	5.8	5.9	5.0	4.6	4.4
Nuclear	3.0	4.3	4.6	3.8	4.0	4.0
Renewables	0.5	0.5	0.8	1.3	1.3	1.4
Electricity	0.1	-0.2	-0.3	0.1	0.1	0.0
Wastes, Non-Renewable	0.2	0.3	0.1	0.0	0.0	0.0
Primary Energy Intensity	**16.8**	**16.9**	**17.8**	**16.8**	**16.2**	**15.7**
Available for Final Consumption	**12.2**	**12.7**	**12.8**	**12.6**	**12.0**	**11.3**
Final Non-Energy Consumption	**0.9**	**1.4**	**1.3**	**1.1**	**1.2**	**1.0**
Final Energy Consumption	**11.0**	**11.0**	**11.6**	**11.5**	**10.8**	**10.3**
by Fuel/Product						
Solid Fuels	2.6	1.7	1.6	1.6	1.5	1.4
Petroleum and Products	1.6	1.7	2.2	2.3	2.2	2.3
Gases	4.1	4.7	4.5	4.1	3.5	3.4
Biomass and Renewable Wastes	0.1	0.1	0.3	0.5	0.5	0.4
Solar			0.0	0.0	0.0	0.0
Geothermal			0.0	0.0	0.0	0.0
Electricity	1.9	1.9	2.0	2.1	2.1	2.1
Derived heat	0.7	0.6	1.0	0.9	0.8	0.8
Wastes, Non-Renewable	0.1	0.2	0.0	0.0	0.0	0.0
by Sector						
Industry	4.7	4.5	4.7	4.4	4.3	4.3
Transport	1.4	1.5	2.4	2.6	2.6	2.3
Households	2.0	2.6	2.5	2.3	2.1	2.1
Services	2.7	2.2	1.8	2.1	1.6	1.5
Agriculture and Fishing	0.3	0.2	0.2	0.1	0.2	0.1
Other						

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

Slovakia

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**7.2**	**7.5**	**8.3**	**7.9**	**8.4**	**8.4**
Combustible Fuels	3.2	2.4	3.1	3.5	3.4	3.4
Nuclear	1.8	2.6	2.6	1.8	1.9	1.9
Hydro	2.3	2.4	2.5	2.5	2.5	2.5
Wind			0.0	0.0	0.0	0.0
Solar PV				0.0	0.5	0.5
Geothermal						
Tide, Wave and Ocean						
Other Sources			0.0	0.0	0.0	0.0
Gross Electricity Generation (TWh)	**26.8**	**31.2**	**31.5**	**27.9**	**28.7**	**28.7**
Solid Fuels	6.5	5.6	5.5	3.6	3.6	3.4
Petroleum and Products	0.7	0.2	0.7	0.6	0.6	0.5
Gases	2.9	3.9	2.6	2.7	3.6	3.3
Nuclear	11.4	16.5	17.7	14.6	15.4	15.5
Renewables	5.2	5.0	4.8	6.3	5.4	5.8
Wastes, non-RES		0.0	0.0	0.0	0.0	0.0
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			1.9	2.8	2.5	
CHP Electricity Generation (TWh)			4.8	4.4	7.0	
CHP in Total Electricity Generation (%)			15.3 %	15.9 %	24.5 %	
CHP Heat Production (PJ)			33.7	20.1	26.2	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	1 294	1 372	1 731	2 093	2 056	1 997
Motor Gasoline	512	605	667	600	570	555
Gas/Diesel Oil	742	740	1 011	1 450	1 411	1 371
Final Consumption Biofuels			11	98	98	91
Biogasoline				24	20	18
Biodiesel			11	74	78	73
Main Energy Indicators						
Energy Intensity (toe/M€'05)	691	604	494	369	349	329
Energy per Capita (kgoe/cap)	3 304	3 389	3 532	3 290	3 224	3 089
Final Electricity per Capita (KWh/cap)	4 052	4 075	4 242	4 445	4 596	4 428
Primary Efficiency (toe/M€'05)	655	559	461	348	325	310
Import Dependency (%)	**68.5 %**	**65.5 %**	**65.3 %**	**62.9 %**	**64.1 %**	**60.0 %**
on Solid Fuels	76.7 %	80.2 %	88.4 %	75.7 %	81.8 %	89.7 %
on Hard Coal	92.9 %	103.8 %	105.2 %	91.9 %	98.0 %	105.9 %
on Petroleum Fuels	100.6 %	90.5 %	88.2 %	88.7 %	90.0 %	89.7 %
on Crude and NGL	101.5 %	97.6 %	97.7 %	99.9 %	100.2 %	99.3 %
on Natural Gas	86.8 %	98.8 %	97.5 %	99.9 %	104.8 %	89.8 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				9.0 %	10.3 %	10.4 %
RES-H&C – Heating and Cooling				7.8 %	9.1 %	8.7 %
RES-E – Electricity Generation				17.8 %	19.3 %	20.1 %
RE-T – Transport				4.8 %	5.0 %	4.8 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	45	41	42	38	37	35
GHGs Emissions	53	49	50	46	45	43
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	8 330	7 606	7 795	6 919	6 922	6 536
Carbon Intensity (kg CO_2/toe)	2 521	2 244	2 207	2 103	2 147	2 116
CO_2 GDP Intensity (ton CO_2/M€'05)	1 743	1 356	1 091	777	750	697

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

Finland

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**13.1**	**15.2**	**17.0**	**17.9**	**17.6**	**17.7**
Solid Fuels	2.0	1.1	2.1	1.8	1.7	1.0
of which Hard Coal						
Petroleum and Products	0.0	0.5	0.5	0.7	0.7	0.7
of which Crude and NGL						
Gases					0.0	0.0
of which Natural Gas					0.0	0.0
Nuclear	5.0	5.8	6.0	5.9	6.0	5.9
Renewables	6.1	7.8	8.2	9.4	9.1	9.9
Wastes, Non-Renewable	0.0	0.1	0.1	0.1	0.2	0.2
Net Imports	**15.8**	**18.2**	**19.0**	**17.9**	**19.1**	**15.5**
Solid Fuels	3.8	3.5	3.3	4.0	4.6	2.6
of which Hard Coal	3.7	3.2	3.0	3.7	4.3	2.4
Petroleum and Products	8.4	10.2	10.7	9.2	10.0	8.4
of which Crude and NGL	8.5	11.6	10.6	11.2	11.7	11.3
Gases	2.8	3.4	3.6	3.8	3.4	3.0
of which Natural Gas	2.8	3.4	3.6	3.8	3.4	3.0
Renewables			-0.1	-0.1	0.0	0.0
Electricity	0.7	1.0	1.5	0.9	1.2	1.5
Gross Inland Consumption	**29.3**	**32.4**	**34.5**	**37.1**	**35.5**	**34.1**
Solid Fuels	6.1	5.1	4.9	6.9	5.7	4.6
of which Hard Coal	4.1	3.3	2.9	4.3	3.4	2.8
Petroleum and Products	8.6	9.2	10.3	10.1	10.0	9.0
of which Crude and NGL	9.0	11.4	10.8	11.1	11.8	11.2
Gases	2.8	3.4	3.6	3.8	3.4	3.0
of which Natural Gas	2.8	3.4	3.6	3.8	3.4	3.0
Nuclear	5.0	5.8	6.0	5.9	6.0	5.9
Renewables	6.1	7.8	8.1	9.3	9.1	9.9
Electricity	0.7	1.0	1.5	0.9	1.2	1.5
Wastes, Non-Renewable	0.0	0.1	0.1	0.1	0.2	0.2
Primary Energy Intensity	**28.2**	**31.4**	**33.4**	**35.8**	**34.4**	**33.1**
Available for Final Consumption	**21.8**	**24.9**	**26.6**	**27.6**	**26.6**	**25.9**
Final Non-Energy Consumption	**1.1**	**1.0**	**1.2**	**1.2**	**1.1**	**1.0**
Final Energy Consumption	**21.8**	**24.6**	**25.3**	**26.4**	**25.1**	**25.3**
by Fuel/Product						
Solid Fuels	1.3	1.1	1.0	0.9	0.9	0.8
Petroleum and Products	7.5	7.9	8.1	7.8	7.5	7.2
Gases	1.3	1.2	1.1	1.0	1.0	0.9
Biomass and Renewable Wastes	3.9	4.5	4.2	4.8	4.7	5.0
Solar	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal						
Electricity	5.6	6.5	6.9	7.2	6.9	6.9
Derived heat	2.1	3.3	4.0	4.7	4.2	4.3
Wastes, Non-Renewable		0.0	0.0	0.0	0.0	0.0
by Sector						
Industry	9.8	12.3	12.0	11.4	11.2	10.9
Transport	4.1	4.3	4.6	4.8	4.9	4.8
Households	5.4	4.5	5.0	5.7	5.0	5.4
Services	1.0	1.6	1.7	2.0	1.9	1.9
Agriculture and Fishing	0.8	0.7	0.7	0.8	0.7	0.8
Other	0.7	1.2	1.2	1.6	1.4	1.4

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

Finland

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**14.4**	**16.3**	**16.5**	**16.7**	**16.8**	**16.9**
Combustible Fuels	9.3	10.7	10.7	10.6	10.6	10.7
Nuclear	2.3	2.6	2.7	2.7	2.7	2.8
Hydro	2.8	2.9	3.0	3.2	3.2	3.2
Wind	0.0	0.0	0.1	0.2	0.2	0.3
Solar PV	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**64.0**	**70.0**	**70.6**	**80.7**	**73.5**	**70.4**
Solid Fuels	16.6	12.5	11.0	20.8	15.2	10.8
Petroleum and Products	1.4	0.6	0.5	0.5	0.4	0.3
Gases	7.2	10.8	11.9	11.8	10.0	7.2
Nuclear	19.2	22.5	23.3	22.8	23.2	23.0
Renewables	19.5	23.4	23.5	24.2	24.2	28.5
Wastes, non-RES		0.1	0.2	0.2	0.2	0.2
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.8	6.2	6.2	
CHP Electricity Generation (TWh)			27.5	29.2	26.6	
CHP in Total Electricity Generation (%)			38.9 %	36.2 %	36.2 %	
CHP Heat Production (PJ)			250.0	272.8	255.0	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	4 041	4 212	4 573	4 624	4 661	4 473
Motor Gasoline	1 938	1 751	1 838	1 533	1 441	1 388
Gas/Diesel Oil	1 646	1 935	2 165	2 420	2 443	2 346
Final Consumption Biofuels				142	197	266
Biogasoline				80	88	90
Biodiesel				63	109	176
Main Energy Indicators						
Energy Intensity (toe/M€'05)	268	235	219	226	210	204
Energy per Capita (kgoe/cap)	5 733	6 264	6 581	6 911	6 590	6 296
Final Electricity per Capita (KWh/cap)	12 768	14 620	15 390	15 564	14 861	14 916
Primary Efficiency (toe/M€'05)	257	227	212	218	204	198
Import Dependency (%)	**53.5 %**	**55.1 %**	**54.2 %**	**48.0 %**	**53.4 %**	**45.4 %**
on Solid Fuels	63.4 %	68.9 %	67.7 %	57.8 %	80.9 %	57.7 %
on Hard Coal	89.0 %	97.7 %	102.6 %	85.5 %	126.2 %	85.8 %
on Petroleum Fuels	94.7 %	103.5 %	98.4 %	89.4 %	97.3 %	92.5 %
on Crude and NGL	94.1 %	101.5 %	97.5 %	101.1 %	98.9 %	100.9 %
on Natural Gas	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				32.4 %	32.7 %	34.3 %
RES-H&C – Heating and Cooling				44.1 %	45.7 %	48.1 %
RES-E – Electricity Generation				27.6 %	29.4 %	29.5 %
RE-T – Transport				3.8 %	0.4 %	0.4 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	60	60	59	66	59	53
GHGs Emissions	73	72	72	77	69	63
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	11 718	11 581	11 330	12 268	10 944	9 786
Carbon Intensity (kg CO_2/toe)	2 044	1 849	1 722	1 775	1 661	1 554
CO_2 GDP Intensity (ton CO_2/M€'05)	547	434	378	401	349	317

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

Sweden

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**31.4**	**30.1**	**34.3**	**32.8**	**33.0**	**35.8**
Solid Fuels	0.2	0.2	0.2	0.2	0.2	0.1
of which Hard Coal						
Petroleum and Products	0.0		0.0	0.1	0.1	0.1
of which Crude and NGL	0.0					
Gases	0.0	0.0	0.0	0.0	0.0	0.0
of which Natural Gas						
Nuclear	18.0	14.8	18.7	14.9	15.6	16.5
Renewables	12.8	14.7	14.8	17.0	16.5	18.5
Wastes, Non-Renewable	0.2	0.3	0.5	0.5	0.5	0.5
Net Imports	**20.4**	**20.4**	**19.5**	**19.3**	**18.6**	**14.7**
Solid Fuels	2.8	2.4	2.6	2.5	2.4	1.7
of which Hard Coal	2.4	2.1	2.2	2.3	2.1	1.6
Petroleum and Products	17.1	16.8	16.7	15.1	15.7	13.7
of which Crude and NGL	19.2	22.0	19.5	19.6	18.7	20.2
Gases	0.8	0.8	0.8	1.5	1.2	1.0
of which Natural Gas	0.8	0.8	0.8	1.5	1.2	1.0
Renewables						
Electricity	-0.1	0.4	-0.6	0.2	-0.6	-1.7
Gross Inland Consumption	**51.5**	**48.9**	**51.0**	**50.8**	**49.7**	**49.8**
Solid Fuels	2.9	2.5	2.6	2.5	2.5	2.2
of which Hard Coal	2.3	2.0	2.1	2.0	2.1	1.9
Petroleum and Products	16.8	15.4	14.1	14.2	14.0	12.7
of which Crude and NGL	19.4	21.8	19.4	19.8	18.6	20.4
Gases	0.8	0.8	0.9	1.5	1.2	1.0
of which Natural Gas	0.8	0.8	0.8	1.5	1.2	1.0
Nuclear	18.0	14.8	18.7	14.9	15.6	16.5
Renewables	12.8	14.7	14.8	17.0	16.5	18.5
Electricity	-0.1	0.4	-0.6	0.2	-0.6	-1.7
Wastes, Non-Renewable	0.2	0.3	0.5	0.5	0.5	0.5
Primary Energy Intensity	**49.5**	**47.2**	**48.7**	**48.7**	**47.8**	**48.0**
Available for Final Consumption	**36.7**	**36.2**	**35.2**	**36.9**	**36.1**	**35.3**
Final Non-Energy Consumption	**2.0**	**1.7**	**2.3**	**2.1**	**1.9**	**1.8**
Final Energy Consumption	**35.1**	**35.0**	**33.7**	**34.1**	**32.4**	**32.4**
by Fuel/Product						
Solid Fuels	1.2	1.1	1.3	1.2	1.2	1.0
Petroleum and Products	13.9	13.3	11.4	10.0	9.7	9.0
Gases	0.6	0.7	0.8	0.7	0.7	0.8
Biomass and Renewable Wastes	5.1	5.3	4.7	5.7	6.0	6.1
Solar	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal						
Electricity	10.7	11.1	11.2	11.3	10.7	10.9
Derived heat	3.5	3.6	4.2	5.1	4.1	4.5
Wastes, Non-Renewable	0.0					
by Sector						
Industry	13.8	14.3	12.6	12.2	11.9	11.7
Transport	7.8	8.2	8.6	8.6	8.5	8.3
Households	7.7	7.3	7.3	7.6	7.0	7.4
Services	4.9	4.4	4.3	5.0	4.5	4.5
Agriculture and Fishing	0.8	0.8	0.8	0.7	0.5	0.5
Other	0.0	0.0	0.0	0.0		

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

Sweden

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**33.6**	**33.7**	**33.4**	**36.5**	**35.2**	**37.8**
Combustible Fuels	7.3	7.5	7.1	8.7	6.5	8.4
Nuclear	10.1	9.5	9.5	9.0	9.3	9.4
Hydro	16.2	16.5	16.3	16.7	16.6	16.4
Wind	0.1	0.2	0.5	2.0	2.8	3.6
Solar PV	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal						
Tide, Wave and Ocean						
Other Sources						
Gross Electricity Generation (TWh)	**148.4**	**145.3**	**158.4**	**148.6**	**150.4**	**166.6**
Solid Fuels	2.4	1.7	1.2	1.8	1.3	0.9
Petroleum and Products	3.9	1.5	1.4	1.8	0.8	0.6
Gases	1.3	1.3	1.3	3.8	2.3	1.3
Nuclear	69.9	57.3	72.4	57.8	60.5	64.0
Renewables	70.6	83.2	81.3	82.2	84.2	98.4
Wastes, non-RES	0.1	0.2	0.9	1.2	1.4	1.3
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			3.5	5.1	4.0	
CHP Electricity Generation (TWh)			10.7	18.5	15.1	
CHP in Total Electricity Generation (%)			6.7 %	12.5 %	10.0 %	
CHP Heat Production (PJ)			132.7	187.2	171.5	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	7 550	7 907	8 217	7 959	7 783	7 455
Motor Gasoline	4 559	4 265	4 142	3 320	3 057	2 776
Gas/Diesel Oil	2 100	2 671	3 154	3 653	3 743	3 763
Final Consumption Biofuels			134	376	430	518
Biogasoline			127	202	202	205
Biodiesel			7	174	229	313
Main Energy Indicators						
Energy Intensity (toe/M€'05)	234	187	171	157	149	148
Energy per Capita (kgoe/cap)	5 831	5 511	5 647	5 415	5 261	5 231
Final Electricity per Capita (KWh/cap)	14 112	14 509	14 474	13 991	13 189	13 371
Primary Efficiency (toe/M€'05)	225	181	163	151	144	143
Import Dependency (%)	**38.9 %**	**40.7 %**	**36.8 %**	**36.6 %**	**36.2 %**	**28.7 %**
on Solid Fuels	95.4 %	98.2 %	97.2 %	102.2 %	94.4 %	78.2 %
on Hard Coal	101.5 %	107.7 %	104.3 %	115.2 %	101.0 %	81.5 %
on Petroleum Fuels	95.6 %	100.8 %	104.0 %	93.6 %	99.9 %	95.4 %
on Crude and NGL	99.3 %	100.6 %	100.4 %	99.0 %	100.5 %	99.3 %
on Natural Gas	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %	100.0 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				47.2 %	48.8 %	51.0 %
RES-H&C – Heating and Cooling				60.9 %	62.5 %	65.6 %
RES-E – Electricity Generation				56.0 %	59.9 %	60.0 %
RE-T – Transport				7.2 %	9.4 %	12.6 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	64	61	62	61	57	54
GHGs Emissions	79	75	76	74	69	66
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	7 240	6 856	6 839	6 514	5 992	5 635
Carbon Intensity (kg CO_2/toe)	1 242	1 244	1 211	1 203	1 139	1 077
CO_2 GDP Intensity (ton CO_2/M€'05)	291	233	207	189	170	160

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

United Kingdom

Mtoe, unless otherwise stated	1995	2000	2005	2010	2011	2012
Production	**256.5**	**268.5**	**204.4**	**147.6**	**129.1**	**117.1**
Solid Fuels	32.1	18.7	11.9	10.8	10.9	10.0
of which Hard Coal	32.1	18.7	11.9	10.8	10.9	10.0
Petroleum and Products	135.7	127.9	87.9	63.8	52.8	46.0
of which Crude and NGL	134.4	127.8	87.6	63.6	52.7	45.9
Gases	63.7	97.6	79.4	51.5	40.8	35.0
of which Natural Gas	63.7	97.6	79.4	51.5	40.8	35.0
Nuclear	22.9	21.9	21.1	16.0	17.8	18.2
Renewables	1.8	2.3	3.6	5.2	6.2	7.1
Wastes, Non-Renewable	0.2	0.2	0.6	0.4	0.7	0.8
Net Imports	**-36.8**	**-39.2**	**31.6**	**60.8**	**72.6**	**86.6**
Solid Fuels	10.5	14.5	27.2	15.8	19.7	27.0
of which Hard Coal	10.3	14.4	26.7	16.1	20.0	27.2
Petroleum and Products	-49.3	-45.6	-2.7	11.2	19.9	26.1
of which Crude and NGL	-43.7	-41.8	-0.2	9.6	21.7	26.1
Gases	0.6	-9.3	6.0	32.0	31.0	31.2
of which Natural Gas	0.6	-9.3	6.0	32.0	31.0	31.2
Renewables			0.4	1.6	1.5	1.3
Electricity	1.4	1.2	0.7	0.2	0.5	1.0
Gross Inland Consumption	**222.3**	**230.6**	**234.0**	**211.2**	**197.3**	**202.3**
Solid Fuels	47.2	36.5	37.7	30.5	30.6	38.8
of which Hard Coal	47.1	36.6	37.3	30.9	31.3	39.0
Petroleum and Products	83.6	81.0	84.4	72.4	69.7	68.7
of which Crude and NGL	91.6	87.1	87.2	73.4	74.8	71.3
Gases	65.1	87.4	85.5	84.8	70.2	66.4
of which Natural Gas	65.1	87.4	85.5	84.8	70.2	66.4
Nuclear	22.9	21.9	21.1	16.0	17.8	18.2
Renewables	1.8	2.3	4.0	6.8	7.7	8.4
Electricity	1.4	1.2	0.7	0.2	0.5	1.0
Wastes, Non-Renewable	0.2	0.2	0.6	0.4	0.7	0.8
Primary Energy Intensity	**209.8**	**219.2**	**222.8**	**203.0**	**189.7**	**195.4**
Available for Final Consumption	**157.1**	**163.8**	**165.3**	**150.8**	**138.8**	**141.6**
Final Non-Energy Consumption	**12.5**	**11.3**	**11.2**	**8.2**	**7.6**	**6.9**
Final Energy Consumption	**142.7**	**153.2**	**152.8**	**141.3**	**130.9**	**134.0**
by Fuel/Product						
Solid Fuels	8.2	6.0	4.6	3.9	3.7	3.8
Petroleum and Products	61.0	63.7	65.9	58.6	57.4	56.8
Gases	47.1	52.2	50.4	47.1	39.0	42.8
Biomass and Renewable Wastes	0.9	0.6	0.6	2.1	2.0	1.9
Solar	0.0	0.0	0.0	0.1	0.1	0.2
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	25.3	28.3	30.0	28.3	27.3	27.3
Derived heat		2.4	1.3	1.3	1.2	1.2
Wastes, Non-Renewable	0.1	0.0	0.1	0.0	0.0	0.0
by Sector						
Industry	34.9	36.9	33.4	27.5	26.4	26.0
Transport	47.7	52.9	55.5	50.9	50.9	50.1
Households	39.3	43.0	44.2	44.6	35.9	39.7
Services	16.3	16.9	16.7	16.2	15.7	16.1
Agriculture and Fishing	1.3	1.2	0.9	0.9	0.9	0.9
Other	3.2	2.4	2.0	1.2	1.2	1.3

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

United Kingdom

	1995	2000	2005	2010	2011	2012
Installed Capacity (GW)	**70.1**	**78.4**	**82.4**	**93.7**	**92.9**	**94.5**
Combustible Fuels	52.9	61.2	64.7	72.9	70.3	69.5
Nuclear	12.8	12.5	11.9	10.9	10.7	9.9
Hydro	4.2	4.3	4.3	4.4	4.4	4.4
Wind	0.2	0.4	1.6	5.4	6.5	8.9
Solar PV		0.0	0.0	0.1	1.0	1.7
Geothermal						
Tide, Wave and Ocean		0.0		0.0	0.0	0.0
Other Sources						
Gross Electricity Generation (TWh)	**334.0**	**377.1**	**398.4**	**381.8**	**367.5**	**363.8**
Solid Fuels	153.8	120.0	134.6	107.7	108.6	143.2
Petroleum and Products	17.3	8.4	5.3	4.8	3.1	3.1
Gases	65.1	150.4	154.3	176.8	147.3	101.1
Nuclear	89.0	85.1	81.6	62.1	69.0	70.4
Renewables	8.4	12.7	19.9	29.0	37.6	44.2
Wastes, non-RES	0.4	0.5	2.6	1.4	1.9	1.9
Cogeneration Heat and Power						
CHP Electrical Capacity (GW)			5.4	6.1	6.1	
CHP Electricity Generation (TWh)			27.2	23.6	23.2	
CHP in Total Electricity Generation (%)			6.8 %	6.2 %	6.3 %	
CHP Heat Production (PJ)			185.2	155.5	153.9	
Transport Fuels (ktoe)						
Final Consumption Petroleum Products	46 975	52 154	55 072	49 406	49 517	48 820
Motor Gasoline	23 543	23 167	19 975	15 598	14 851	14 153
Gas/Diesel Oil	15 322	17 754	21 497	21 852	22 203	22 882
Final Consumption Biofuels			80	1 130	1 045	882
Biogasoline			54	319	330	392
Biodiesel			25	811	715	490
Main Energy Indicators						
Energy Intensity (toe/M€'05)	166	143	125	111	103	105
Energy per Capita (kgoe/cap)	3 830	3 915	3 885	3 392	3 145	3 175
Final Electricity per Capita (KWh/cap)	5 079	5 594	5 789	5 281	5 067	4 985
Primary Efficiency (toe/M€'05)	156	136	119	107	99	102
Import Dependency (%)	**-16.4 %**	**-16.9 %**	**13.4 %**	**28.3 %**	**36.2 %**	**42.2 %**
on Solid Fuels	22.2 %	39.6 %	72.1 %	51.8 %	64.1 %	69.5 %
on Hard Coal	21.8 %	39.4 %	71.5 %	52.0 %	63.7 %	69.8 %
on Petroleum Fuels	-57.4 %	-54.9 %	-3.2 %	14.8 %	27.1 %	36.3 %
on Crude and NGL	-47.7 %	-48.0 %	-0.2 %	13.1 %	29.0 %	36.6 %
on Natural Gas	1.0 %	-10.7 %	7.0 %	37.7 %	44.2 %	47.0 %
RES of the Gross Final Energy (%)						
Overall RES with Aviation Cap				3.3 %	3.8 %	4.2 %
RES-H&C – Heating and Cooling				1.7 %	2.3 %	2.3 %
RES-E – Electricity Generation				7.4 %	8.8 %	10.8 %
RE-T – Transport				3.1 %	2.7 %	3.7 %
Gases emissions (Mio ton CO_2)						
CO_2 Emissions	579	591	601	543	504	521
GHGs Emissions	752	727	718	647	606	622
Main Emissions Indicators						
CO_2 per Capita (kg CO_2/cap)	9 981	10 030	9 978	8 715	8 038	8 182
Carbon Intensity (kg CO_2/toe)	2 606	2 562	2 569	2 569	2 556	2 577
CO_2 GDP Intensity (ton CO_2/M€'05)	431	366	322	286	263	271

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Appendices

Summary

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	Eurostat 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 Transliteration
EU Interinstitutional Style Guide (ISG): http://publications.europa.eu/code/
Eurostat Website: http://epp.eurostat.ec.europa.eu/portal/page/portal/eurostat/home/
ISO 3166 Country Codes Maintenance Agency: http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm

Main Indicators – EN

ESTAT Energy database Indicator Code	EN
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_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/index.cfm?TargetUrl=DSP_PUB_WELC

Main Indicators – DE

ESTAT Energy database Indicator Code	DE
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 chemischen Industrie
B_101825	Energetischer Endverbrauch der Nahrungs- und Genussmittelindustrie
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/index.cfm?TargetUrl=DSP_PUB_WELC

Main Indicators – FR

ESTAT Energy Database Indicator Code	FR
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	Echanges, 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
B_101820	Consommation finale énergétique – Chimie
B_101825	Consommation finale énergétique – alimentation, boissons, tabac
B_101830	Consommation finale énergétique – alimentation, boissons, tabac
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	Ecart statistique

Source: Coded, Base de Données de Concepts et Définitions d'Eurostat
http://ec.europa.eu/eurostat/ramon/index.cfm?TargetUrl=DSP_PUB_WELC

Main Products – EN

ESTAT Energy Database Product Code	EN
0000	All products
2000	Solid fuels
2100	Hard coal & derivatives
2111	Hard coal
2112	Patent fuels
2120	Coke
2200	Lignite & derivatives
3000	Total petroleum and products
3100	Crude oil & 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 & wastes
5541	Wood & 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/index.cfm?TargetUrl=DSP_PUB_WELC

Main Products – DE

ESTAT Energy Database Product Code	DE
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/index.cfm?TargetUrl=DSP_PUB_WELC

Main Products – FR

ESTAT Energy Database Product Code	FR
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	Energie nucléaire
5200	Chaleur dérivée
5500	Energies renouvelables
5510	Hydro-électricité
5520	Energie éolienne
5530	Energie solaire
5535	Énergie hydrocinétique/houlomotrice/marémotrice
5540	Biomasse/déchets
5541	Bois – déchets de bois
5542	Biogaz
55431	Déchets urbains solide renouvelables
5545	Biocarburants
5546	Bioessence
5547	Biodiesel
5550	Energie géothermique
6000	Energie électrique
7100	Déchets industriels

Source: Coded, Base de Données de Concepts et Définitions d'Eurostat
http://ec.europa.eu/eurostat/ramon/index.cfm?TargetUrl=DSP_PUB_WELC

Symbols and Abbreviations

%	per cent
€	euro
0	zero or figure less than half of the unit represented
bbl	barrel
bcm	billion cubic metres
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€ '2005	millions of euro, chain-linked volumes, reference year 2005, at 2005 exchange rates
m^3	cubic metre
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
RE-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

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)

Conversion Factors

Energy

To:	TJ	Gcal	Mtoe	GWh
From	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	11 630
Gigawatt-hour GWh	3.6	860	8.6×10^{-5}	1

Volume

To:	l	bbl	gal US	gal UK
From	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

To:	t	lt	st
From	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

Average Calorific Values

Average Calorific Values, Energy Content

		kJ (NCV)	kgoe (NCV)
Hard Coal	1 kg	17 200 – 30 700	0.411 – 0.733
Recovered Hard Coal	1 kg	13 800 – 28 300	0.330 – 0.676
Patent Fuels	1 kg	26 800 – 31 400	0.640 – 0.750
Hard Coke	1 kg	28 500	0.681
Brown Coal	1 kg	5 600 – 10 500	0.134 – 0.251
Black Lignite	1 kg	10 500 – 21 000	0.251 – 0.502
Peat	1 kg	7 800 – 13 800	0.186 – 0.330
Brown Coal Briquettes	1 kg	20 000	0.478
Tar	1 kg	37 700	0.900
Benzol	1 kg	39 500	0.943
Oil Equivalent	1 kg	41 868	1
Crude Oil	1 kg	41 600 – 42 800	0.994 – 1.022
Feedstocks	1 kg	42 500	1.015
Refinery Gas	1 kg	50 000	1.194
LPG	1 kg	46 000	1.099
Motor Spirit	1 kg	44 000	1.051
Kerosenes, Jet Fuel	1 kg	43 000	1.027
Naphtha	1 kg	44 000	1.051
Gas Diesel Oil	1 kg	42 300	1.010
Residual Fuel Oil	1 kg	40 000	0.955
White Spirit	1 kg	44 000	1.051
Lubricants	1 kg	42 300	1.010
Bitumen	1 kg	37 700	0.900
Petroleum Cokes	1 kg	31 400	0.750
Other Petro. Products	1 kg	30 000	0.717
Electrical Energy	1 kWh	3 600	0.086

Glossary

In parenthesis, EUROSTAT Energy database/EUROBASE, (Energy section) codes for products (p:) and indicators (B_), as of June 2014.

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 that entered into operation, over a one-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), biomethanol, biodimethylether 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

This 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, against 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 the 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

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

See Carbon Energy Intensity.

Conventional Thermal Power

This 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 autoproducer power stations for the generation of electricity and heat sold to third parties only.

Cumulative Installed Capacity

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. Where 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

This 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

This 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 the year 2005, in millions of euro, chain-linked volumes, at 2005 exchange rates.

GHG – Greenhouse Gas

GHG includes gases that contribute to the natural greenhouse effect. The Kyoto Protocol covers a basket of six GHGs produced by human activities: Carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, 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

This 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. Autoproducers' 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

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

Intermittent Energy

An intermittent energy source is any source of energy that is not continuously available due to some factor outside direct control. Solar, Wind and Tide energy sources are considered intermittent. Due to Tide data disaggregation difficulties, tables only consider Solar and Wind energy sources.

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 Interinstitutional 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

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 being 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 million, trillion means a million billion, and so on.

In the short scale every new term greater than a million is 1 000 times the previous term. Thus, billion means a thousand million, trillion means a thousand billion.

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 value corresponding 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 or 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

This 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, & other hydrocarbon (p:3100) and all petroleum sub-products (p:3200).

Primary Energy Intensity

Primary energy intensity corresponds to the Gross Inland consumption minus the energy included in the final non-energy consumption.

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 3 600 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 waste (MSW), wood, wood waste and other solid waste, 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.

Pumping, pumped storage

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

Renewable Energy Sources (RES)

See Primary Energy Production.

Public Supply Thermal Power Stations

These 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 & derivatives (p:2100) and lignite and derivatives (p:2200), oil shale and oil sands (p:2410).

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

This 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 & 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), and Input to district heating plants (B_101009).

Transformation output

This 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 & 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

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.

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 include 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

Total heat produced, including losses in the installations/network heat exchanges. However only autoproducers' heat sold to third parties is included here. 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 gross inland consumption of energy.

1.2.5, page 26

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 afore-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 for 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, but also biomass and wastes, that are also included later, 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

Intermittent energy only includes wind and solar energy. Tide is not included in the totals. The share of the intermittent energy is measured against the 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 is the ratio of actual energy output of wind sources to 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 on the annual Heat survey, but instead on 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 meeting high-efficiency criteria, is considered. However own heat used by the undertaking for its own is included here.

2.9, pages 109-111

Data is generated by the annual heat survey. Heat, in these tables, includes 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 reported here.

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 116

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 the Energy DG by the Member States as they are 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, originating from the SBS survey which notably targets business enterprises. At employment level, this 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...). 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.

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