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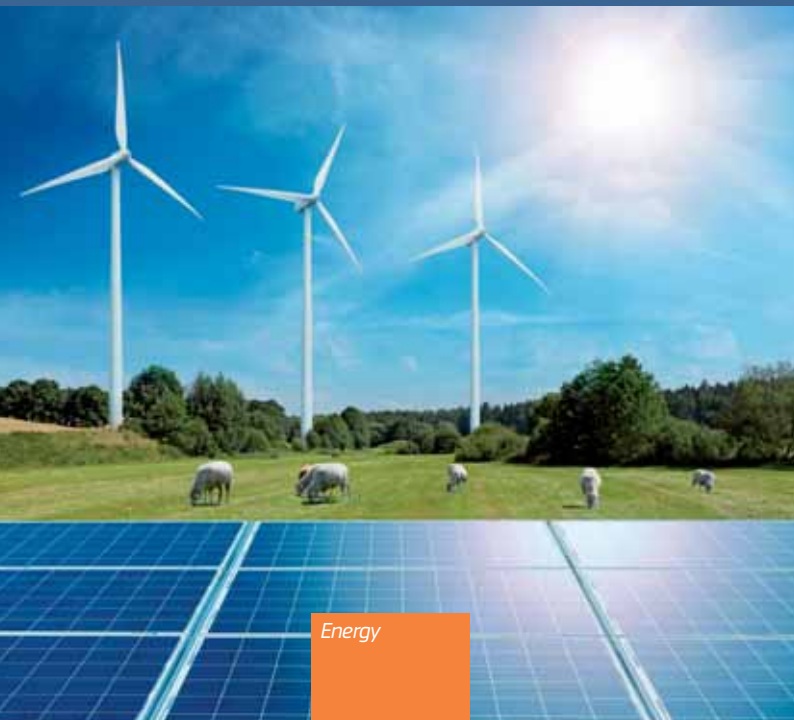
European Commission

EU energy in figures

STATISTICAL POCKETBOOK **2012**



Energy

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Introduction

Energy drives modern economies and is key to the development of our society. This publication provides an overview of the most relevant annual energy-related statistics on the European Union and on each one of its 27 Member States.

The content of this pocketbook is based on a range of sources, including European Commission services, international organisations, such as the European Environment Agency and the International Energy Agency, and where no data were available, on the European Commission's own calculations. Indicator calculations follow the methodology established by the European Commission's Energy DG.

The publication consists of four main parts:

1. An overview of the energy sector at world and EU level, including the main policy indicators.
2. A comparative analysis of the main energy indicators, for the EU and its Member States.
3. A brief analysis of environmental data and of the impact of the energy sector on the environment.
4. A section presenting the main energy indicators country by country.

The annexes include a detailed overview of the energy industry in the EU as well as a selection of macro-economic indicators.

This publication was produced using the most recent statistics available. However, as statistics are constantly being updated, more recent data can be found on the following websites:

European Commission websites:

Energy DG
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

Taxation and Customs Union DG
Online databases: http://ec.europa.eu/taxation_customs/common/databases/index_en.htm

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

Websites of other organisations:

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

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

Comments on this publication and suggestions for improvement are most welcome, and may be sent to ener-moe@ec.europa.eu, with the keyword 'Pocketbook 2012' as subject.

Summary

Part 1 Overview

Part 2 Energy in the EU

Part 3 Environment Indicators in the EU

Part 4 Country Profiles

Annexes and Appendices

PART 1

Overview

Summary

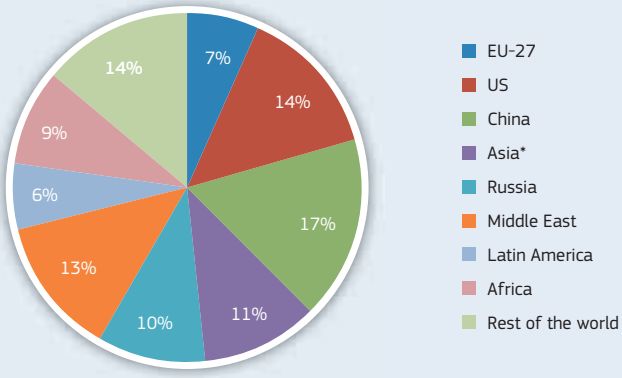
Energy in the World (Overview)

World Energy Production by Region

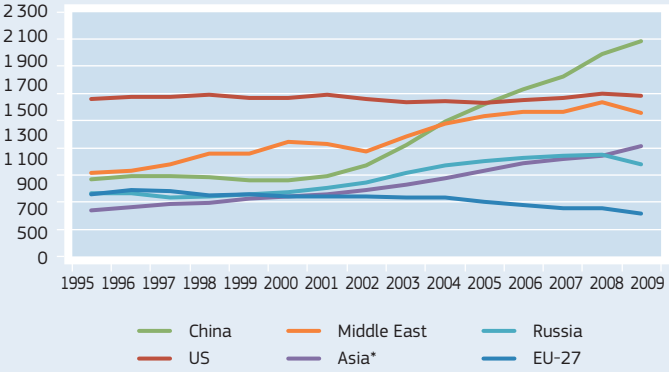
World Energy Production by Region

Mtoe	1995	2000	2005	2008	2009	2009 (%)
EU-27	961	946	900	854	817	7%
US	1 659	1 667	1 631	1 702	1 686	14%
China	1 066	1 064	1 623	1 990	2 085	17%
Asia*	837	942	1 129	1 245	1 310	11%
Russia	968	978	1 203	1 254	1 182	10%
Middle East	1 116	1 343	1 534	1 636	1 561	13%
Latin America	514	616	718	749	751	6%
Africa	766	885	1 077	1 152	1 133	9%
Rest of the world	1 370	1 562	1 736	1 810	1 766	14%
World	9 258	10 003	11 551	12 391	12 292	100%

World Energy Production by Region in 2009 (%)



Evolution of World Energy Production by Main Region (Mtoe)



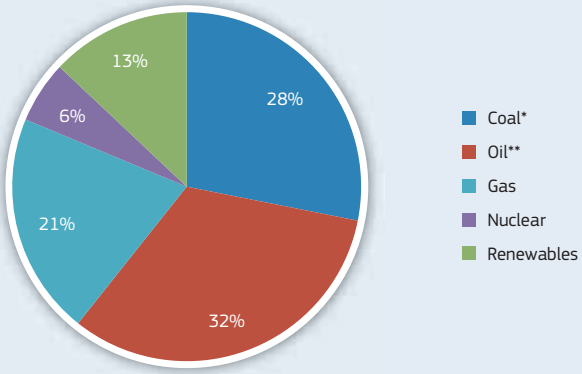
*Excluding China – Source: IEA, May 2012
Methodology and Notes: See Appendix 6 – No 1

World Energy Production by Fuel

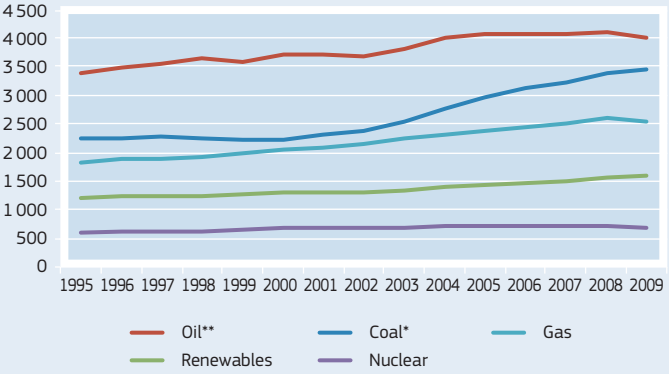
World Energy Production by Fuel

Mtoe	1995	2000	2005	2008	2009	2009 (%)
Coal*	2 234	2 228	2 946	3 396	3 449	28%
Oil**	3 372	3 713	4 054	4 088	3 994	32%
Gas	1 817	2 066	2 377	2 607	2 526	21%
Nuclear	608	676	722	712	703	6%
Renewables	1 210	1 300	1 431	1 564	1 592	13%
Other	17	22	21	24	26	0%
Total	9 258	10 003	11 551	12 391	12 292	100%

World Energy Production by Fuel in 2009 (%)



Evolution of World Energy Production by Fuel (Mtoe)



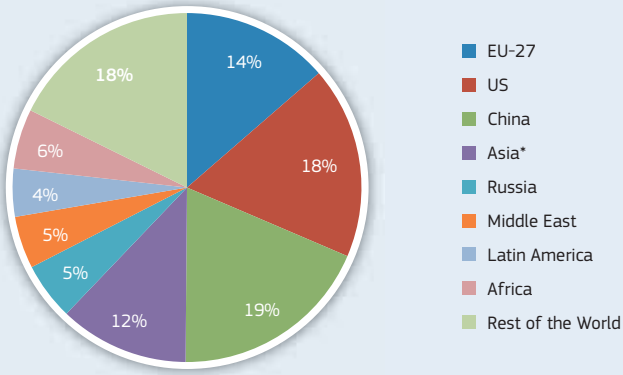
* Coal and Other Solid Fuels ** Oil and Oil Products
Source: IEA, May 2012 – Methodology and Notes: See Appendix 6 – No 1

World Gross Inland Consumption by Region

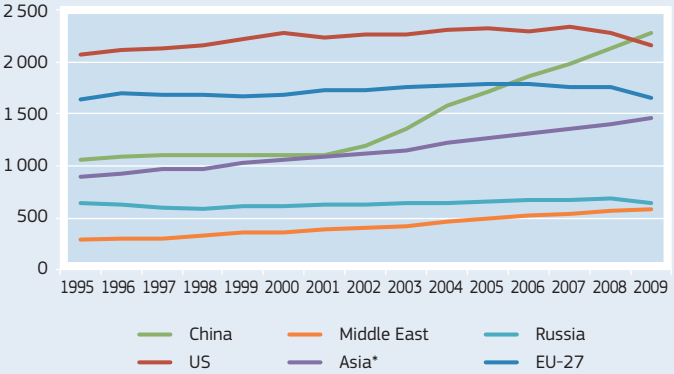
World Gross Inland Consumption by Region

Mtoe	1995	2000	2005	2008	2009	2009 (%)
EU-27	1 637	1 686	1 779	1 751	1 656	14%
US	2 067	2 273	2 319	2 277	2 163	18%
China	1 058	1 108	1 709	2 132	2 272	19%
Asia*	895	1 061	1 263	1 396	1 459	12%
Russia	637	619	652	688	647	5%
Middle East	293	364	500	575	588	5%
Latin America	377	432	491	545	540	4%
Africa	447	506	595	669	673	6%
Rest of the world	1 830	1 982	2 159	2 239	2 151	18%
World	9 241	10 032	11 467	12 274	12 150	100%

World Gross Inland Consumption by Region in 2009 (%)



Evolution of World Gross Inland Consumption by Main Region (Mtoe)



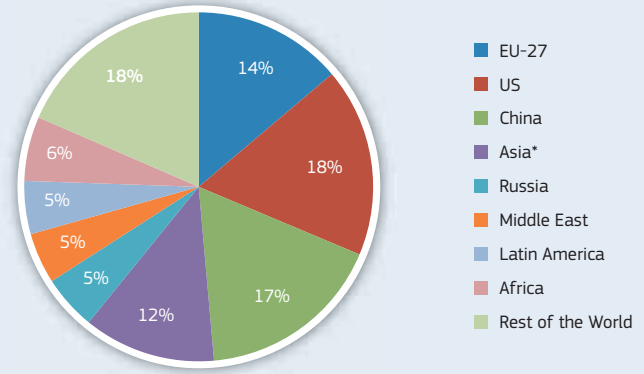
*Excluding China – Source: IEA, May 2012
Methodology and Notes: See Appendix 6 – No 1

World Final Energy Consumption by Region

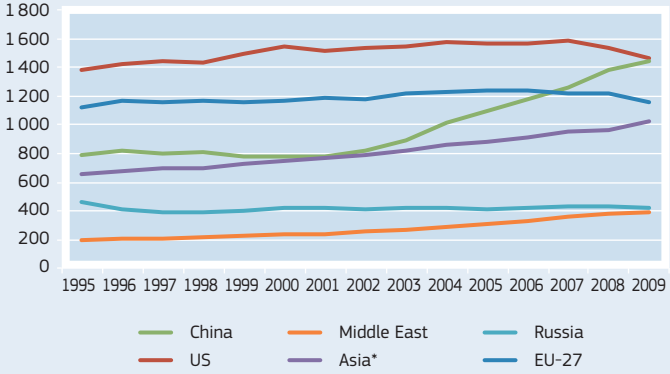
World Final Energy Consumption by Region

Mtoe	1995	2000	2005	2008	2009	2009 (%)
EU-27	1 122	1 169	1 240	1 220	1 155	14%
US	1 378	1 546	1 570	1 538	1 463	18%
China	793	778	1 101	1 380	1 442	17%
Asia*	655	751	882	969	1 024	12%
Russia	460	419	412	435	423	5%
Middle East	195	237	306	379	393	5%
Latin America	294	338	375	415	411	5%
Africa	321	373	438	490	498	6%
Rest of the world	1 339	1 434	1 559	1 602	1 544	18%
World	6 556	7 045	7 883	8 428	8 353	100%

World Final Energy Consumption by Region in 2009 (%)



Evolution of Final Energy Consumption by Main Region (Mtoe)



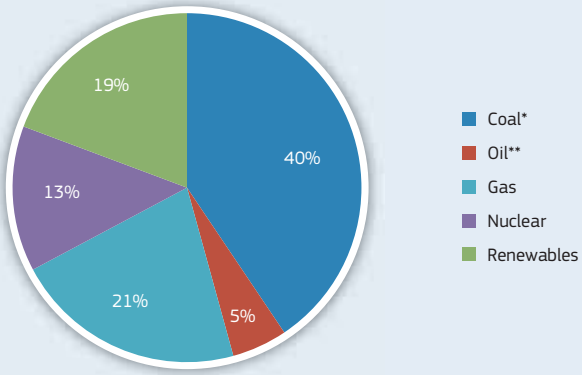
*Excluding China – Source: IEA, May 2012
Methodology and Notes: See Appendix 6 – No 1

World Electricity Generation by Fuel

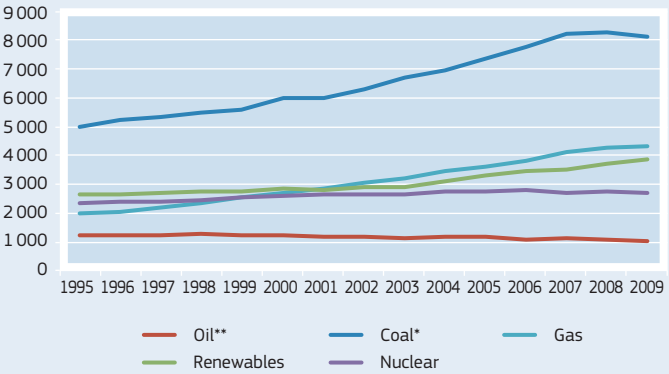
World Electricity Generation by Fuel

Mtoe	1995	2000	2005	2008	2009	2009 (%)
Coal*	4 995	6 005	7 342	8 283	8 119	40%
Oil**	1 245	1 214	1 178	1 096	1 027	5%
Gas	1 995	2 716	3 629	4 282	4 301	21%
Nuclear	2 332	2 591	2 768	2 731	2 697	13%
Renewables	2 638	2 840	3 293	3 729	3 861	19%
Other	25	37	45	43	50	0%
Total	13 230	15 403	18 256	20 164	20 055	100%

World Electricty Generation by Fuel in 2009 (%)



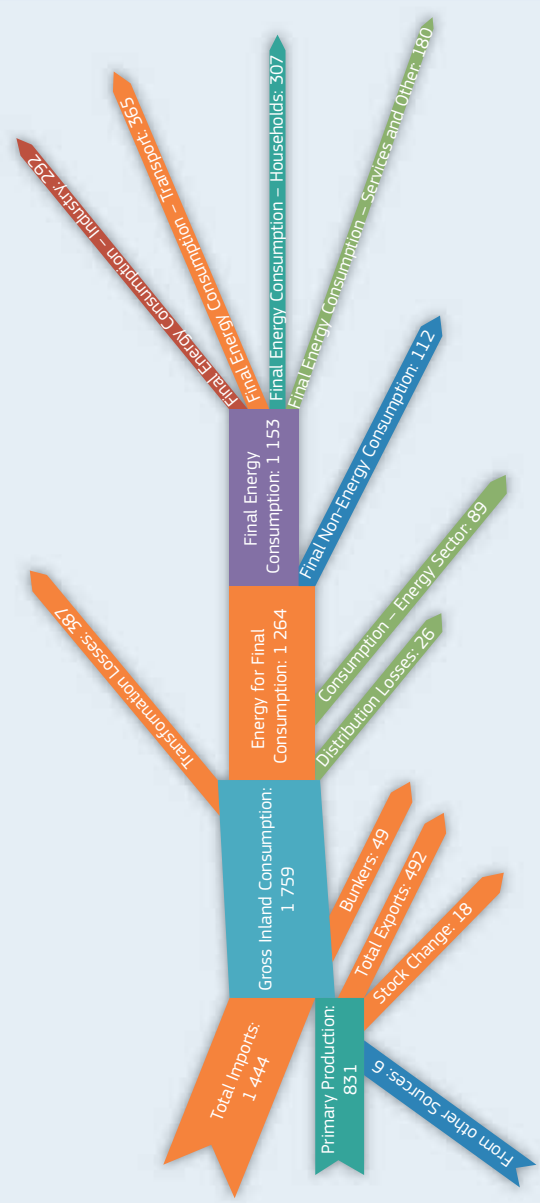
Evolution of World Electricty Generation by Fuel (Mtoe)



* Coal and Other Solid Fuels ** Oil and Oil Products
Source: IEA, May 2012 – Methodology and Notes: See Appendix 6 – No 1

Energy in the EU (Overview)

EU Energy Flow in 2010 (Mtoe)

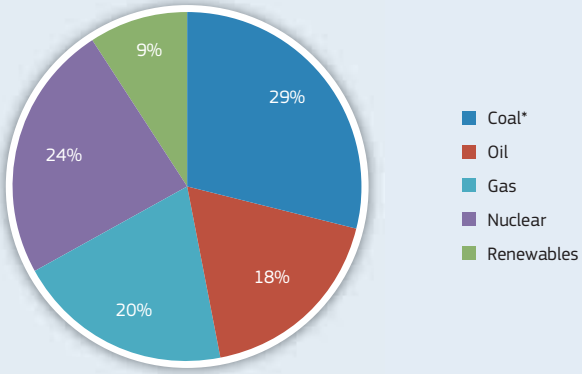


Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1

EU-27 Energy Production by Fuel

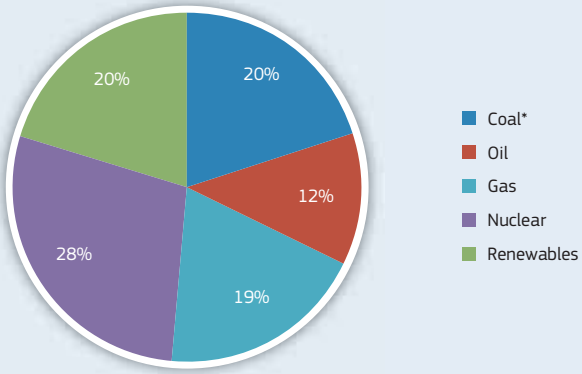
EU-27 Energy Production by Fuel in 1995 (%)

EU Energy Production: 958 Mtoe



EU-27 Energy Production by Fuel in 2010 (%)

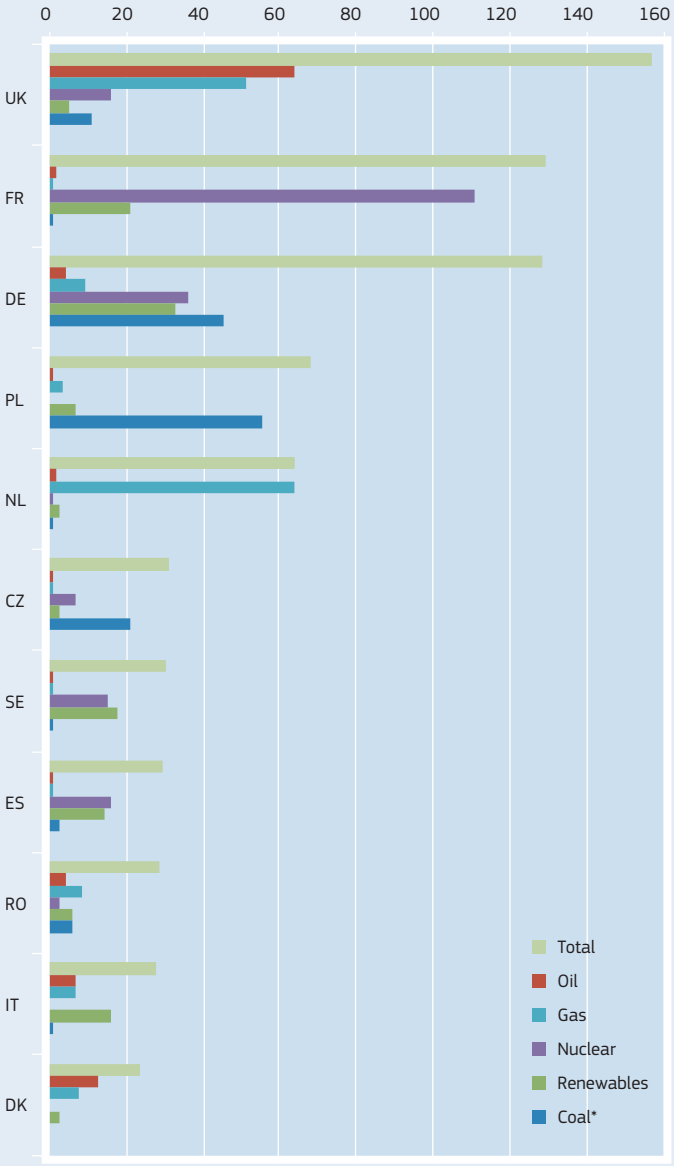
EU Energy Production: 837 Mtoe



* Coal and Other Solid Fuels
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1

EU-27 Energy Production by Fuel

Main Producers of Energy in the EU in 2010 (Mtoe)

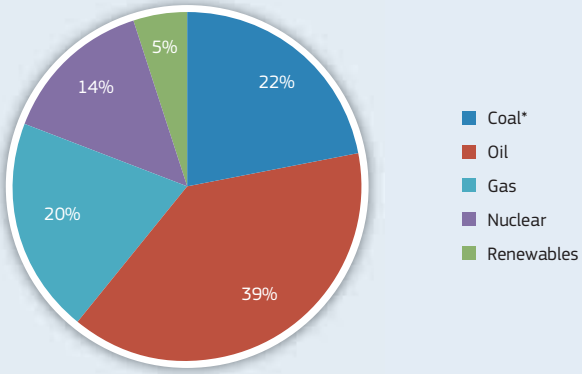


* Coal and Other Solid Fuels – Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1

EU-27 Gross Inland Consumption / Energy Mix

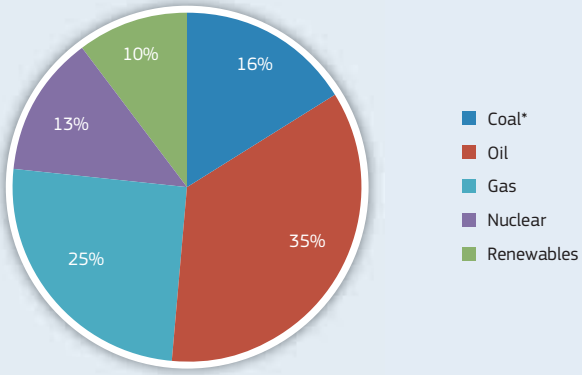
EU-27 Energy Mix in 1995 (%)

EU-27 Gross Inland Consumption: 1 668 Mtoe



EU-27 Energy Mix in 2010 (%)

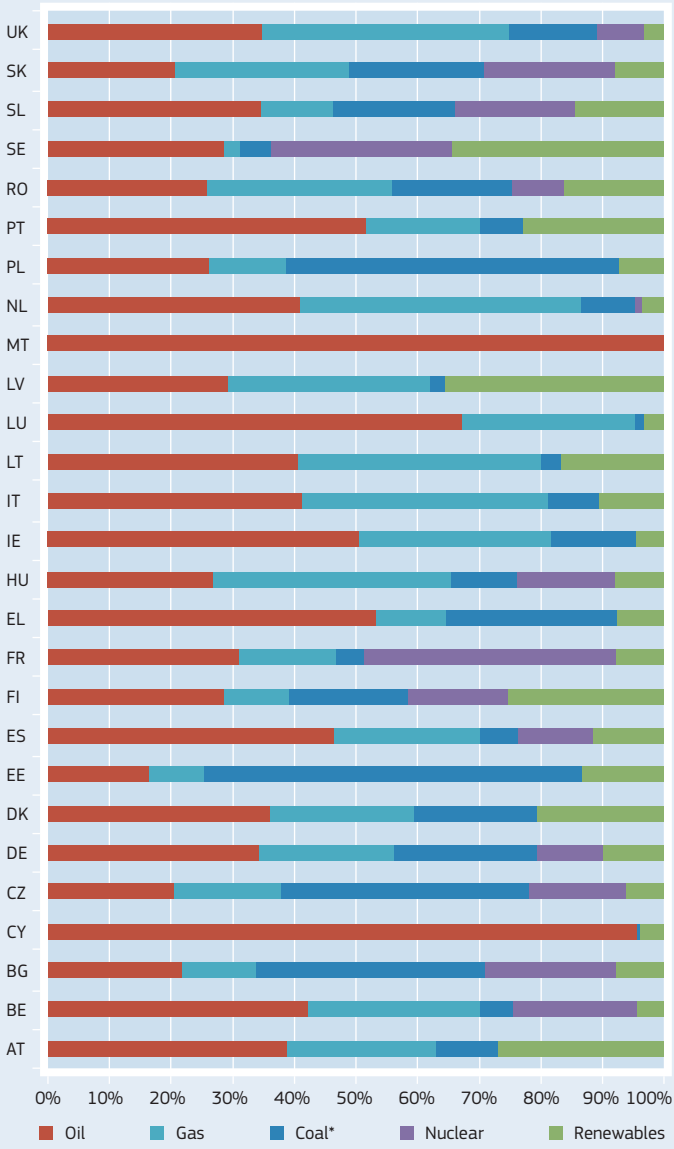
EU-27 Gross Inland Consumption: 1 759 Mtoe



* Coal and Other Solid Fuels
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1

EU-27 Gross Inland Consumption / Energy Mix

Energy Mix in Member States in 2010
(Share as % of Energy Sources in Gross Inland Consumption)



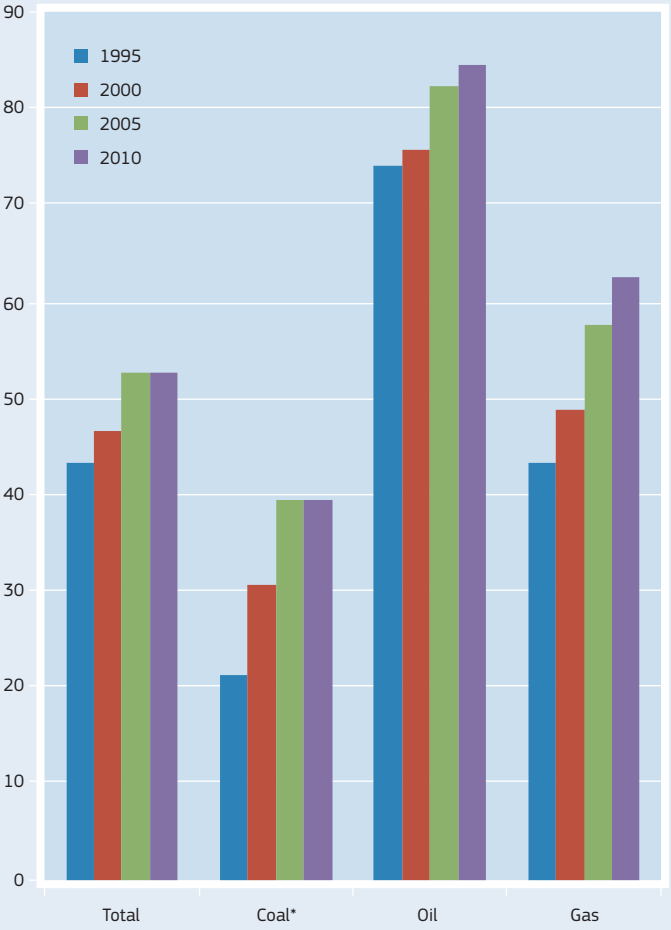
* Coal and Other Solid Fuels – Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1

EU-27 Energy Import Dependency

Import Dependency	1995	2000	2005	2010
Total	43.2%	46.7%	52.5%	52.7%
Coal*	21.5%	30.5%	39.3%	39.4%
Oil	74.3%	75.7%	82.3%	84.3%
Gas	43.5%	48.9%	57.7%	62.4%

EU-27 Energy Import Dependency

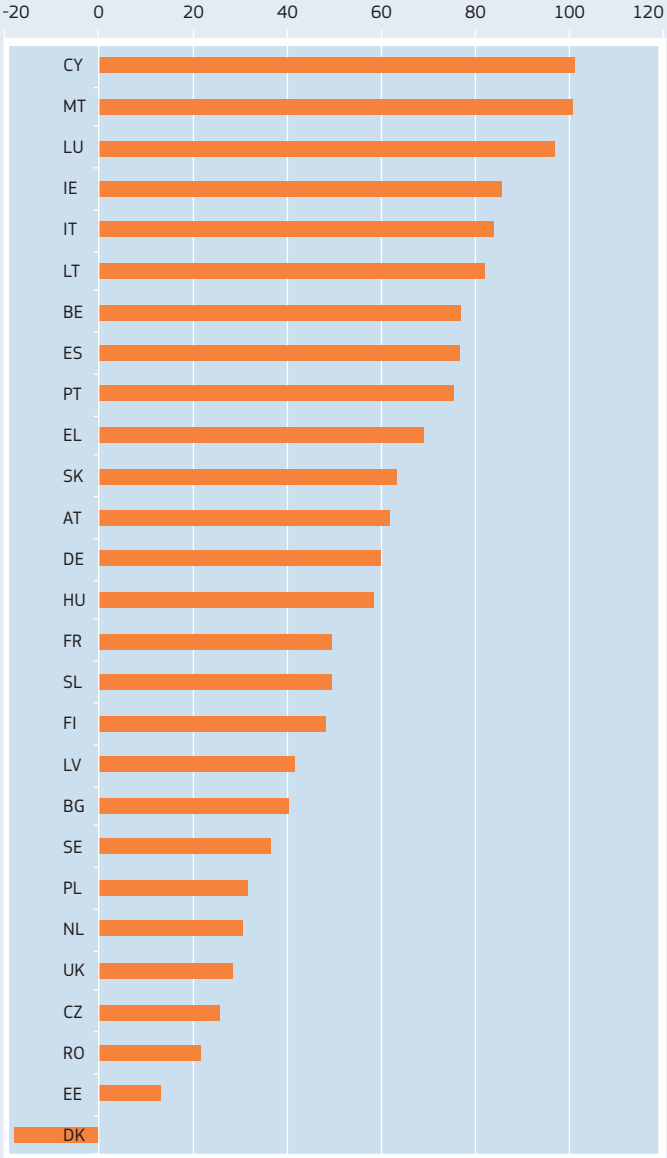
EU-27 Energy Import Dependency (1995-2010) by Fuel (%)



* Coal and Other Solid Fuels
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1

EU-27 Energy Import Dependency

Energy Import Dependency in Member States in 2010 (%)

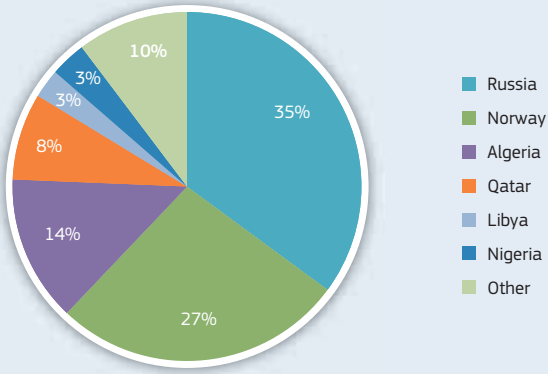


Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1

EU-27 Imports by Country of Origin

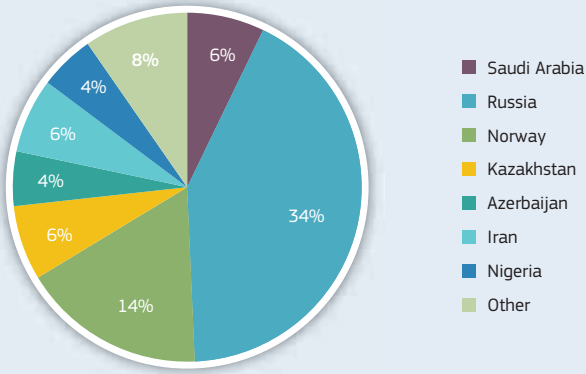
EU Imports of Gas – 2010 (%)

Total EU-27 Gas Imports: 371 783 million cubic metres



EU Imports of Crude Oil – 2010 (%)

Total EU-27 Oil Imports: 527 494 thousand tonnes



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 1 – Extra EU Trade Only

EU Energy / Climate Targets by 2020

2020 Targets in Renewable Energy

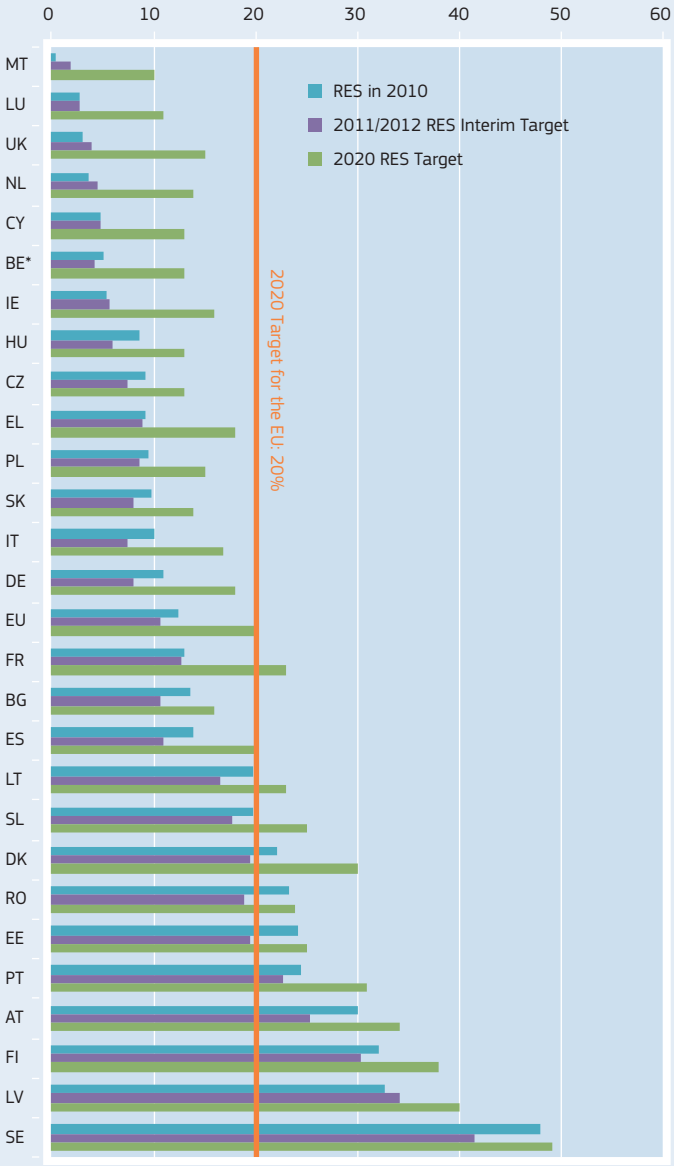
Member States' Progress Towards 2020 Targets in Renewable Energy

MS	RES in Consumption in 2010 (1)	2011/2012 RES Interim Target (1)	2020 RES Target (1)	RES in Transport (2010) (2)	2020 RES Target in Transport (2)
EU	**12.5%**	**10.7%**	**20%**	**4.7%**	**10%**
Belgium*	5.16%	4.4%	13%	4.33%	10%
Bulgaria	13.79%	10.7%	16%	1.00%	10%
Czech Republic	9.24%	7.5%	13%	4.58%	10%
Denmark	22.22%	19.6%	30%	0.27%	10%
Germany	11.00%	8.2%	18%	5.73%	10%
Estonia	24.32%	19.4%	25%	0.17%	10%
Ireland	5.46%	5.7%	16%	2.39%	10%
Greece	9.24%	9.1%	18%	1.93%	10%
Spain	13.83%	10.9%	20%	4.73%	10%
France	12.93%	12.8%	23%	6.10%	10%
Italy	10.11%	7.6%	17%	4.81%	10%
Cyprus	4.85%	4.9%	13%	1.97%	10%
Latvia	32.57%	34.0%	40%	3.32%	10%
Lithuania	19.72%	16.6%	23%	3.59%	10%
Luxembourg	2.83%	2.9%	11%	2.04%	10%
Hungary	8.68%	6.0%	13%	4.74%	10%
Malta	0.36%	2.0%	10%	0.30%	10%
Netherlands	3.76%	4.7%	14%	3.01%	10%
Austria	30.05%	25.4%	34%	5.45%	10%
Poland	9.41%	8.8%	15%	5.94%	10%
Portugal	24.57%	22.6%	31%	5.59%	10%
Romania	23.36%	19.0%	24%	3.19%	10%
Slovenia	19.80%	17.8%	25%	2.87%	10%
Slovakia	9.76%	8.2%	14%	7.85%	10%
Finland	32.17%	30.4%	38%	3.90%	10%
Sweden	47.94%	41.6%	49%	7.75%	10%
United Kingdom	3.20%	4.0%	15%	2.96%	10%

* Belgium 2010 Data: Estimated by Eurostat
Source: Eurostat June 2012 and Directive 2009/28/EC for Targets
(1): Share of Renewable Energy in Gross Final Energy Consumption
(2): Share of Renewable Energy in the Transport Sector

2020 Targets in Renewable Energy

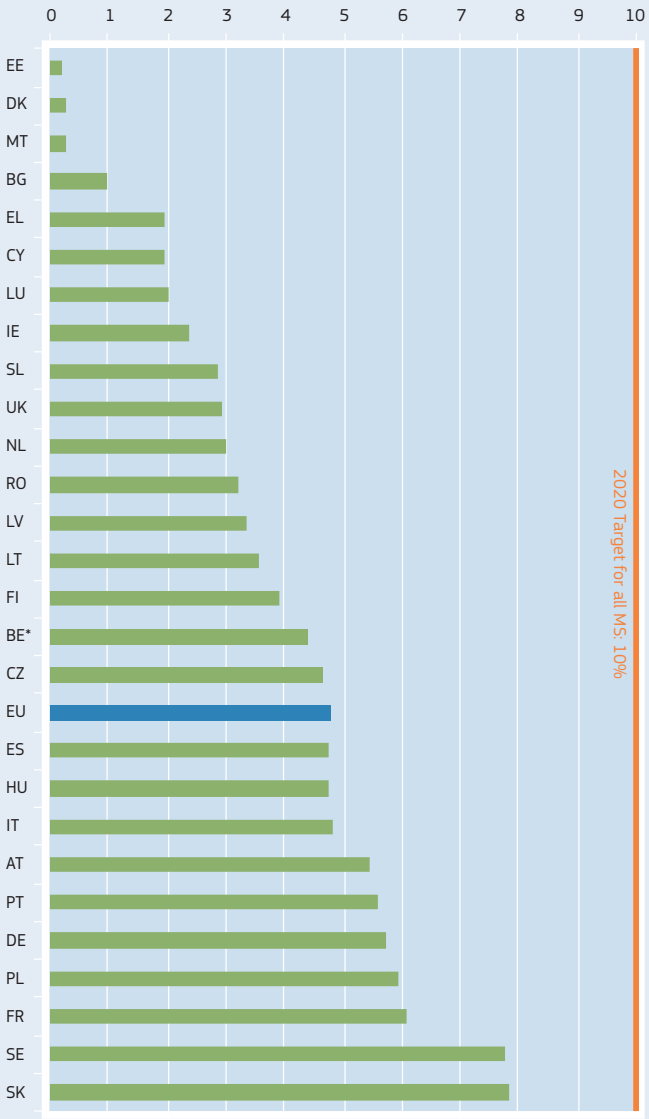
Share of Renewables in Gross Final Energy Consumption (%)



* Belgium 2010 Data: Estimated by Eurostat
Source: Eurostat June 2012 and Directive 2009/28/EC for Targets

2020 Targets in Renewable Energy

Share of Renewable Energy in the Transport Sector in 2010 (%)



* Belgium 2010 Data: Estimated by Eurostat
Source: Eurostat June 2012 and Directive 2009/28/EC for Targets

2020 Targets in Greenhouse Gas Emissions

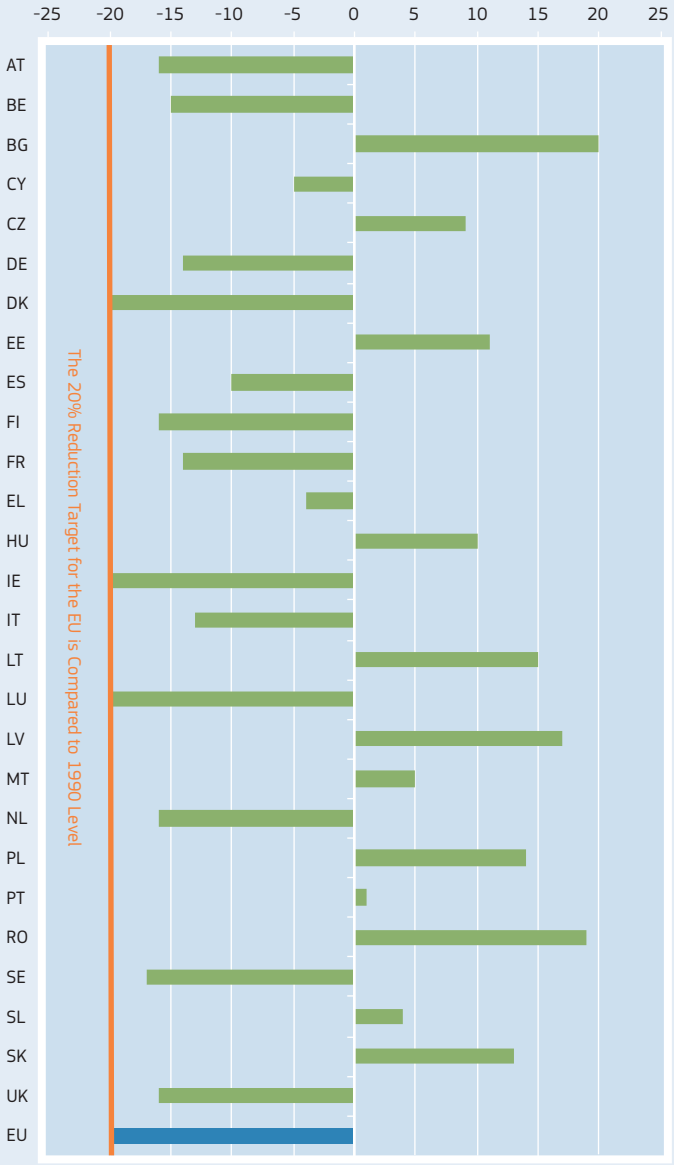
Member States 2020 GHG Emissions Targets (compared to 2005 levels) (%)

Member State	2020 Targets in Greenhouse Gas Emissions (%)
EU-27*	-20
Belgium	-15
Bulgaria	20
Czech Republic	9
Denmark	-20
Germany	-14
Estonia	11
Ireland	-20
Greece	-4
Spain	-10
France	-14
Italy	-13
Cyprus	-5
Latvia	17
Lithuania	15
Luxembourg	-20
Hungary	10
Malta	5
Netherlands	-16
Austria	-16
Poland	14
Portugal	1
Romania	19
Slovenia	4
Slovakia	13
Finland	-16
Sweden	-17
United Kingdom	-16

* The 20% Reduction Target for the EU is Compared to 1990 Level
Source: European Commission Europe 2020 Targets
Methodology and Notes: See Appendix 6 – No 1

2020 Targets in Greenhouse Gas Emissions

2020 GHG Emissions Targets (compared to 2005 levels) (%)



Source: European Commission Europe 2020 Targets

PART 2

Energy in the EU

Summary

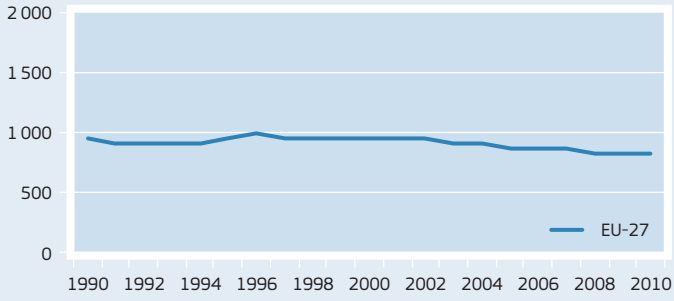
Energy Supply

Production*

All Fuels

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	957.6	943.1	899.6	855.5	819.4	837.2
Index 1995	100%	98%	94%	89%	86%	87%
BE	11.83	13.61	13.71	14.73	15.64	16.41
BG	10.27	9.87	10.62	10.24	9.76	10.44
CZ	32.41	30.64	32.87	32.79	31.17	31.56
DK	15.63	27.72	31.31	26.65	23.98	23.34
DE	145.08	135.46	136.58	135.51	127.95	131.98
EE	3.53	3.43	4.24	4.67	4.65	5.46
IE	4.10	2.19	1.67	1.59	1.61	2.00
EL	9.36	10.01	10.32	9.88	10.10	9.47
ES	31.43	31.60	30.05	30.35	30.04	34.34
FR	126.98	129.88	135.99	135.94	128.39	134.96
IT	29.80	28.31	28.12	27.75	27.91	30.90
CY	0.04	0.04	0.05	0.08	0.08	0.08
LV	1.43	1.41	1.86	1.79	2.10	2.12
LT	3.76	3.25	3.87	3.83	4.17	1.32
LU	0.04	0.06	0.11	0.12	0.11	0.13
HU	13.92	11.60	10.33	10.53	11.04	11.09
MT						
NL	66.70	57.58	62.23	66.96	63.44	70.05
AT	8.78	9.78	9.97	11.28	11.50	11.80
PL	99.38	79.79	78.90	71.72	67.89	67.82
PT	3.38	3.89	3.61	4.51	4.97	5.63
RO	32.67	28.55	28.24	29.25	28.64	27.74
SI	2.96	3.09	3.49	3.66	3.65	3.73
SK	5.06	6.39	6.68	6.55	6.06	6.32
FI	13.12	14.82	16.59	16.48	16.65	17.23
SE	31.38	30.05	34.26	32.87	30.02	33.17
UK	254.51	270.14	203.95	165.75	157.86	148.11

All Fuels (Mtoe)



* Total of Primary Production and Production from Other Sources
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Production*

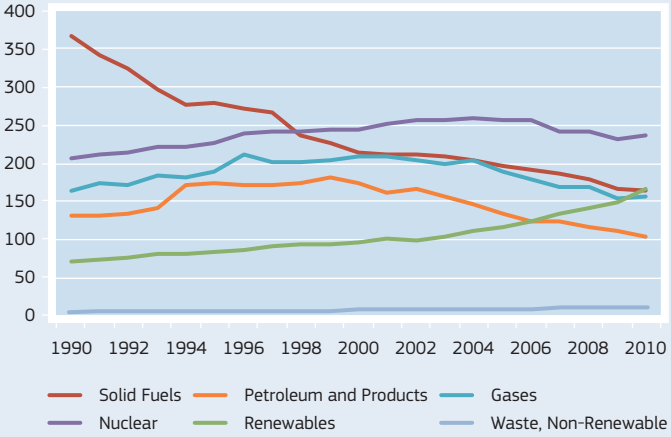
By Fuel

	2010					
Mtoe	Solid Fuels	Petroleum and Products	Gases	Nuclear	Renewables	Waste, Non-Renewable
EU-27	163.9	102.7	156.3	236.6	166.6	11.1
Share (%)	19.6%	12.3%	18.7%	28.3%	19.9%	1.3%
BE		1.29		12.37	1.99	0.76
BG	4.94	0.05		3.96	1.48	0.02
CZ	20.73	0.31	0.17	7.25	2.90	0.20
DK		12.48	7.36		3.12	0.37
DE	45.12	4.31	9.69	36.26	32.75	3.85
EE	3.94	0.53			0.99	
IE	1.04	0.02	0.32		0.62	0.01
EL	7.32	0.13	0.01		1.99	0.03
ES	3.03	0.36	0.08	15.99	14.66	0.22
FR	0.16	1.60	0.65	110.54	20.79	1.21
IT	0.06	6.68	6.88		16.33	0.94
CY		0.00			0.08	0.01
LV	0.00	0.01			2.10	0.01
LT	0.01	0.13			1.18	
LU					0.09	0.04
HU	1.59	1.17	2.23	4.08	1.92	0.09
MT						
NL	0.01	1.87	63.53	1.02	2.90	0.72
AT	0.00	1.07	1.49		8.60	0.64
PL	55.38	1.17	3.70		6.85	0.73
PT		0.05			5.44	0.14
RO	5.90	4.51	8.62	3.00	5.68	0.03
SI	1.20	0.00	0.01	1.46	1.04	0.02
SK	0.61	0.37	0.09	3.82	1.40	0.03
FI	1.81	0.36		5.88	9.03	0.15
SE	0.24	0.07	0.02	14.92	17.41	0.52
UK	10.75	64.14	51.47	16.03	5.33	0.39

* Total of Primary Production and Production from Other Sources
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

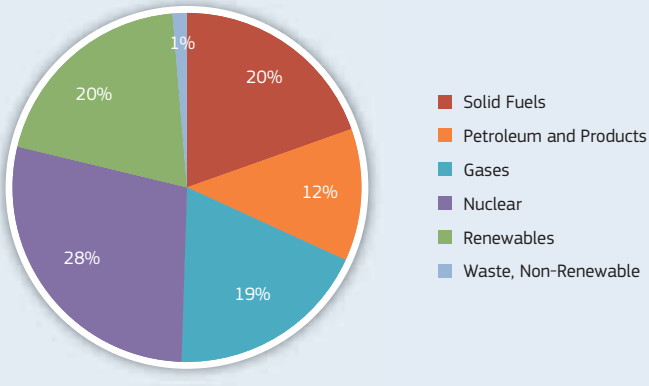
Production*

By Fuel – EU-27 – 1990-2010 (Mtoe)



By Fuel – EU-27 – 2010 (% of Total)

Total = 837 Mtoe



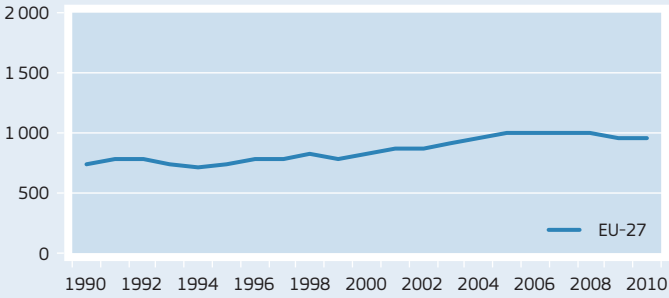
* Total of Primary Production and Production from Other Sources
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Net Imports

All Fuels

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	736.1	825.1	983.4	1 012.8	941.1	952.3
Index 1995	100%	112%	134%	138%	128%	129%
BE	46.95	50.41	53.36	55.22	48.38	53.09
BG	13.55	8.73	9.59	10.54	8.06	7.23
CZ	8.61	9.49	12.79	12.63	11.42	11.46
DK	7.28	-7.44	-10.45	-4.64	-4.18	-3.64
DE	195.59	205.78	213.14	209.31	202.42	202.56
EE	1.82	1.62	1.44	1.47	1.17	0.82
IE	7.68	12.16	13.72	14.33	13.17	13.00
EL	18.28	22.12	23.47	25.59	22.56	21.81
ES	75.48	99.54	123.98	122.43	110.19	106.26
FR	116.93	134.42	144.39	139.52	133.85	133.60
IT	135.57	153.56	161.02	157.12	142.60	149.54
CY	2.08	2.55	2.82	3.05	2.91	2.92
LV	3.36	2.24	2.99	2.78	2.71	1.99
LT	5.62	4.34	5.10	5.50	4.34	5.74
LU	3.24	3.61	4.68	4.53	4.26	4.51
HU	12.62	13.96	17.50	16.99	14.89	15.14
MT	0.83	1.45	1.63	1.87	2.00	2.39
NL	15.45	34.73	38.10	34.12	34.90	30.89
AT	18.19	19.13	24.57	23.66	21.23	21.40
PL	-0.03	9.58	16.44	30.35	30.27	32.11
PT	18.04	21.88	24.77	21.31	20.59	18.73
RO	14.56	8.09	10.85	11.24	7.19	7.74
SI	3.08	3.38	3.83	4.31	3.44	3.59
SK	12.37	11.68	12.49	11.89	11.16	11.31
FI	16.09	18.57	19.28	19.91	18.69	17.90
SE	19.28	19.19	20.21	19.71	17.76	19.47
UK	-36.44	-39.66	31.73	58.03	55.10	60.70

All Fuels (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Net Imports

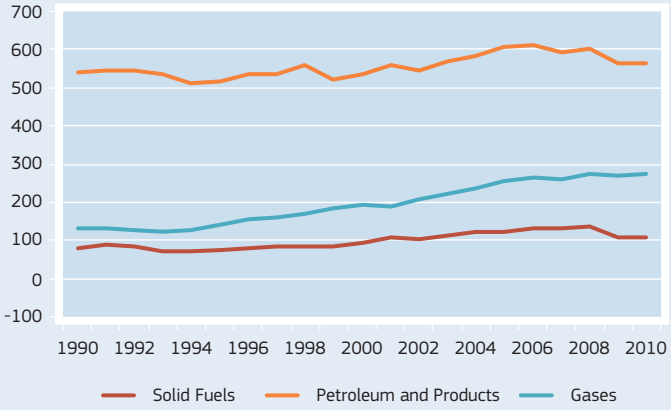
By Fuel

	2010					
Mtoe	Net Imports	Solid Fuels	Petroleum and Products	Gases	Renewables	Electricity
EU-27	952.3	110.2	561.0	275.5	5.2	0.3
Share (%)	100%	12%	59%	29%	1%	0%
BE	53.09	3.13	32.55	16.79	0.57	0.05
BG	7.23	1.70	4.18	2.13	-0.06	-0.73
CZ	11.46	-2.97	8.99	6.85	-0.12	-1.29
DK	-3.64	2.64	-3.96	-3.02	0.79	-0.10
DE	202.56	31.84	112.09	60.11	-0.19	-1.29
EE	0.82	-0.02	0.71	0.56	-0.15	-0.28
IE	13.00	1.04	7.50	4.39	0.04	0.04
EL	21.81	0.40	17.51	3.23	0.17	0.49
ES	106.26	6.73	68.87	30.95	0.42	-0.72
FR	133.60	12.16	84.37	39.55	0.16	-2.64
IT	149.54	14.30	68.11	61.60	1.73	3.80
CY	2.92	0.01	2.89		0.02	
LV	1.99	0.11	1.44	0.90	-0.56	0.08
LT	5.74	0.18	2.69	2.48	-0.13	0.52
LU	4.51	0.07	2.86	1.20	0.04	0.35
HU	15.14	1.14	5.75	7.73	0.07	0.45
MT	2.39		2.39			
NL	30.89	9.23	45.57	-24.21	0.07	0.24
AT	21.40	2.98	11.64	6.11	0.47	0.20
PL	32.11	-2.81	25.74	8.87	0.44	-0.12
PT	18.73	1.63	12.58	4.51	-0.21	0.23
RO	7.74	1.23	4.75	1.82	0.13	-0.20
SI	3.59	0.28	2.60	0.86	0.03	-0.18
SK	11.31	2.95	3.28	5.00	-0.01	0.09
FI	17.90	3.98	9.15	3.84	0.03	0.90
SE	19.47	2.55	15.43	1.31		0.18
UK	60.70	15.74	11.30	31.97	1.46	0.23

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

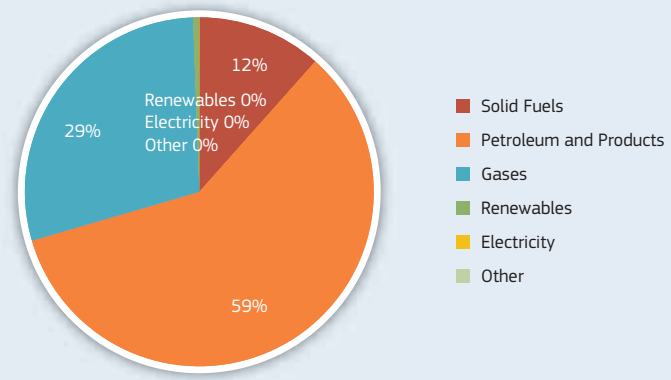
Net Imports

By Fuel – EU-27 – 1990-2010 (Mtoe)



By Fuel – EU-27 – 2010 (% of Total)

Total = 952 Mtoe



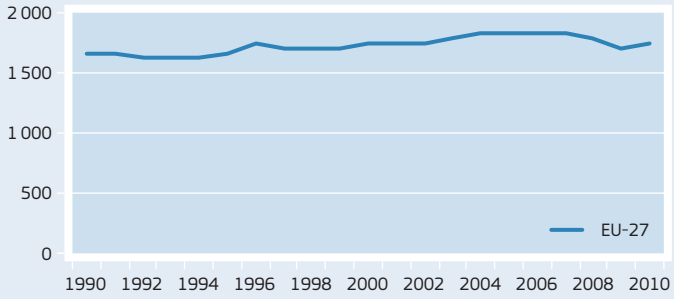
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Inland Consumption

All Fuels

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	1668.1	1724.9	1824.3	1800.3	1703.4	1759.0
Index 1995	100%	103%	109%	108%	102%	105%
BE	54.14	59.21	58.98	59.62	58.11	61.50
BG	23.41	18.71	20.08	20.09	17.57	17.83
CZ	41.70	41.27	45.28	45.26	42.34	44.77
DK	20.28	19.80	19.77	19.34	19.71	19.32
DE	342.17	343.62	346.00	342.87	326.45	336.09
EE	5.35	4.96	5.56	5.87	5.29	6.10
IE	10.98	14.25	15.23	15.94	14.92	15.10
EL	23.87	28.27	31.39	31.84	30.69	28.84
ES	102.15	123.96	144.34	141.95	130.34	130.22
FR	241.23	257.83	276.59	271.92	259.96	268.58
IT	162.95	175.80	188.52	181.65	169.98	175.51
CY	2.00	2.39	2.52	2.88	2.80	2.72
LV	4.62	3.74	4.48	4.59	4.33	4.54
LT	8.72	7.16	8.79	9.36	8.53	6.86
LU	3.31	3.63	4.81	4.64	4.37	4.66
HU	26.27	25.30	27.70	26.80	25.35	25.98
MT	0.75	0.80	0.97	0.96	0.90	0.91
NL	73.26	76.57	82.52	83.93	81.61	86.92
AT	27.32	29.18	34.40	34.33	32.48	34.62
PL	100.00	89.82	93.08	99.01	95.32	101.70
PT	20.65	25.11	27.40	25.21	24.93	24.37
RO	47.20	36.83	39.35	40.50	35.51	35.71
SI	6.06	6.43	7.30	7.76	7.11	7.26
SK	17.95	17.98	19.09	18.41	16.81	17.92
FI	29.55	32.92	35.06	36.32	34.34	36.98
SE	50.31	47.66	51.74	49.98	45.73	51.35
UK	221.89	231.73	233.40	219.27	207.89	212.63

All Fuels (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Inland Consumption

By Fuel

	2010						
Mtoe	Solid Fuels	Petroleum and Products	Gases	Nuclear	Renewables	Electricity	Waste, Non-Renewable
EU-27	280.0	617.1	441.8	236.6	172.1	0.3	11.2
Share (%)	15.9%	35.1%	25.1%	13.4%	9.8%	0.0%	0.6%
BE	3.19	25.63	16.96	12.37	2.55	0.05	0.76
BG	6.89	4.03	2.24	3.96	1.43	-0.73	0.02
CZ	18.47	9.34	8.02	7.25	2.78	-1.29	0.20
DK	3.81	6.89	4.44		3.91	-0.10	0.37
DE	77.12	114.20	73.41	36.26	32.55	-1.29	3.85
EE	3.92	1.06	0.56		0.85	-0.28	
IE	2.09	7.60	4.70		0.66	0.04	0.01
EL	7.86	15.06	3.23		2.16	0.49	0.03
ES	7.83	60.62	31.22	15.99	15.07	-0.72	0.22
FR	12.05	83.93	42.54	110.54	20.96	-2.64	1.21
IT	14.17	70.51	68.06		18.03	3.80	0.94
CY	0.02	2.59			0.10		0.01
LV	0.11	1.29	1.46		1.57	0.08	0.03
LT	0.21	2.59	2.49		1.06	0.52	
LU	0.07	2.87	1.20		0.13	0.35	0.04
HU	2.73	6.83	9.82	4.08	1.99	0.45	0.09
MT		0.91					
NL	7.60	35.07	39.31	1.02	2.97	0.24	0.72
AT	3.40	13.09	8.21		9.07	0.20	0.64
PL	54.61	26.40	12.81		7.28	-0.12	0.73
PT	1.66	12.38	4.49		5.48	0.23	0.14
RO	7.01	9.25	10.79	3.00	5.83	-0.20	0.03
SI	1.46	2.57	0.86	1.46	1.07	-0.18	0.02
SK	3.90	3.69	5.01	3.82	1.39	0.09	0.04
FI	6.88	10.27	3.84	5.88	9.06	0.90	0.15
SE	2.49	14.51	1.33	14.92	17.41	0.18	0.52
UK	30.46	73.92	84.81	16.03	6.79	0.23	0.39

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Inland Consumption

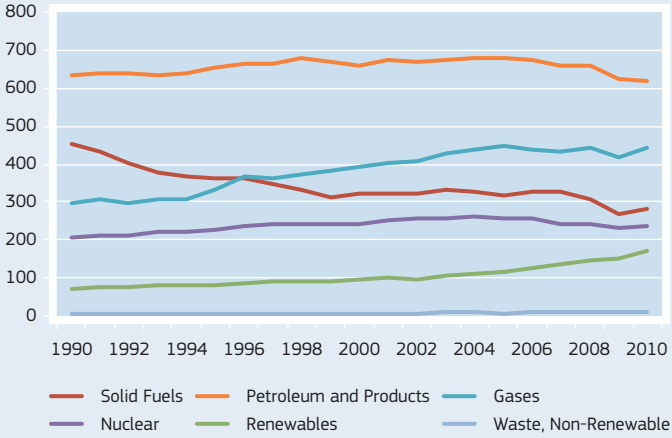
Renewables

	2010						
Mtoe	Renewables	Hydro	Wind	Solar	Tide, Wave and Ocean	Biomass and Renewable Wastes	Geothermal
EU-27	172.1	31.5	12.8	3.7	0.0	118.2	5.9
Share (%)	9.8%	1.8%	0.7%	0.2%	0.0%	6.7%	0.3%
BE	2.55	0.03	0.11	0.06		2.35	0.00
BG	1.43	0.43	0.06	0.01		0.89	0.03
CZ	2.78	0.24	0.03	0.06		2.45	
DK	3.91	0.00	0.67	0.02		3.21	0.01
DE	32.55	1.76	3.25	1.45		25.57	0.53
EE	0.85	0.00	0.02			0.82	
IE	0.66	0.05	0.24	0.01		0.36	
EL	2.16	0.64	0.23	0.20		1.06	0.03
ES	15.07	3.64	3.80	1.02		6.60	0.02
FR	20.96	5.33	0.86	0.11	0.05	14.52	0.09
IT	18.03	4.40	0.78	0.30		7.79	4.76
CY	0.10		0.00	0.06		0.04	0.00
LV	1.57	0.30	0.00			1.26	
LT	1.06	0.05	0.02			0.99	0.00
LU	0.13	0.01	0.00	0.00		0.12	
HU	1.99	0.02	0.05	0.01		1.82	0.10
MT							
NL	2.97	0.01	0.34	0.03		2.58	0.01
AT	9.07	3.30	0.18	0.17		5.39	0.03
PL	7.28	0.25	0.14	0.00		6.87	0.01
PT	5.48	1.39	0.79	0.08		3.03	0.19
RO	5.83	1.68	0.03	0.00		4.10	0.02
SI	1.07	0.39		0.01		0.65	0.03
SK	1.39	0.45	0.00	0.00		0.93	0.01
FI	9.06	1.11	0.03	0.00		7.93	
SE	17.41	5.71	0.30	0.01		11.39	
UK	6.79	0.31	0.88	0.09		5.51	0.00

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

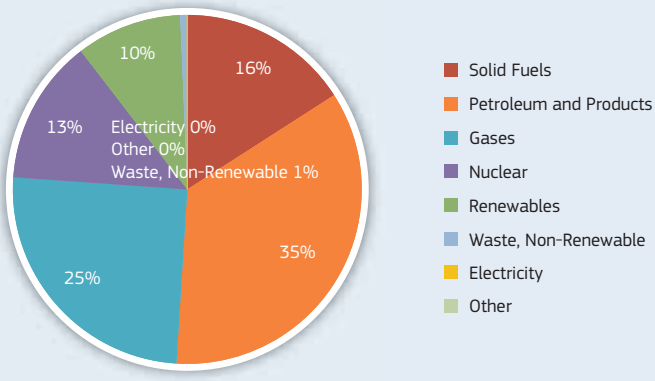
Gross Inland Consumption

By Fuel – EU-27 – 1990-2010 (Mtoe)



By Fuel – EU-27 – 2010 (% of Total)

Total = 1 759 Mtoe



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

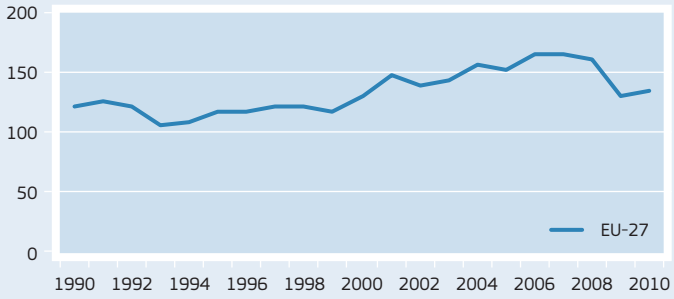
Imports

Imports – Solid Fuels

Solid Fuels – Total

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	116.1	131.2	152.7	162.1	132.2	135.0
Index 1995	100%	113%	132%	140%	114%	116%
BE	10.34	8.27	5.86	5.47	3.36	3.82
BG	2.42	2.38	2.57	3.23	1.75	1.75
CZ	1.84	1.04	1.35	2.07	1.86	2.23
DK	7.68	3.86	3.56	4.44	3.96	2.68
DE	12.26	22.20	26.34	32.07	26.75	32.75
EE	0.35	0.33	0.07	0.09	0.02	0.05
IE	1.90	1.71	2.04	1.70	1.38	1.06
EL	0.92	0.81	0.40	0.41	0.17	0.40
ES	8.67	13.35	14.83	12.54	9.90	7.85
FR	9.60	13.55	14.14	15.00	10.76	12.34
IT	13.09	13.22	16.52	16.73	12.61	14.51
CY	0.06	0.03	0.04	0.03	0.02	0.01
LV	0.17	0.06	0.08	0.11	0.08	0.11
LT	0.16	0.09	0.19	0.24	0.14	0.21
LU	0.49	0.11	0.08	0.07	0.07	0.07
HU	1.65	1.21	1.45	1.70	1.11	1.41
MT						
NL	11.52	14.06	13.02	13.16	12.21	12.82
AT	2.64	3.06	3.98	3.88	2.76	2.99
PL	1.08	1.02	2.15	6.50	6.54	8.27
PT	3.86	3.97	3.23	2.33	3.10	1.70
RO	3.07	1.93	2.96	2.60	1.05	1.28
SI	0.19	0.24	0.33	0.44	0.26	0.28
SK	4.18	3.47	3.90	3.63	3.38	3.22
FI	3.85	3.55	3.35	3.86	3.87	3.98
SE	2.80	2.43	2.58	2.30	1.54	2.57
UK	11.34	15.23	27.71	27.48	23.56	16.60

Solid Fuels – Total (Mtoe)



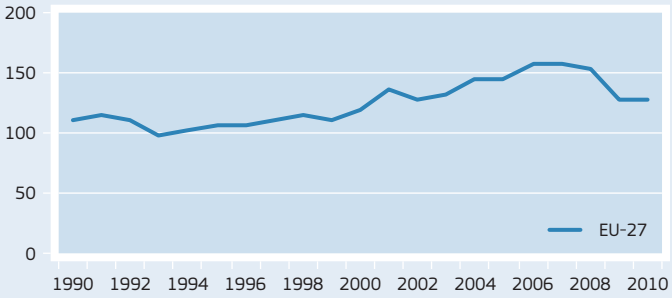
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Solid Fuels

Hard Coal

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	105.8	120.3	143.4	152.3	125.8	126.0
Index 1995	100%	114%	136%	144%	119%	119%
BE	9.43	7.46	5.70	4.82	3.19	3.63
BG	2.35	2.25	2.49	3.16	1.70	1.70
CZ	1.63	0.63	0.76	1.44	1.23	1.29
DK	7.65	3.82	3.54	4.41	3.95	2.67
DE	9.50	17.39	23.70	29.03	24.49	29.53
EE	0.05	0.06	0.04	0.08	0.02	0.05
IE	1.87	1.69	2.01	1.69	1.37	1.04
EL	0.92	0.81	0.40	0.41	0.17	0.40
ES	8.09	13.25	14.74	12.40	9.82	7.71
FR	8.91	12.49	13.00	14.00	9.95	11.39
IT	12.58	12.87	15.94	16.58	12.61	14.50
CY	0.06	0.03	0.04	0.03	0.02	0.01
LV	0.16	0.05	0.07	0.10	0.08	0.11
LT	0.16	0.08	0.18	0.23	0.13	0.19
LU	0.13	0.10	0.07	0.07	0.06	0.06
HU	1.23	1.12	1.30	1.68	1.10	1.40
MT						
NL	11.00	13.63	12.69	12.89	12.07	12.54
AT	2.05	2.34	2.99	2.83	2.16	2.11
PL	1.05	1.01	2.05	6.42	6.49	8.16
PT	3.84	3.97	3.22	2.32	3.10	1.70
RO	3.01	1.65	2.42	1.97	0.60	0.52
SI	0.14	0.19	0.29	0.36	0.20	0.24
SK	3.10	3.15	3.48	2.98	2.93	2.57
FI	3.67	3.20	3.00	3.45	3.67	3.68
SE	2.37	2.14	2.22	1.97	1.31	2.29
UK	10.87	14.90	27.09	26.98	23.43	16.52

Hard Coal (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Solid Fuels

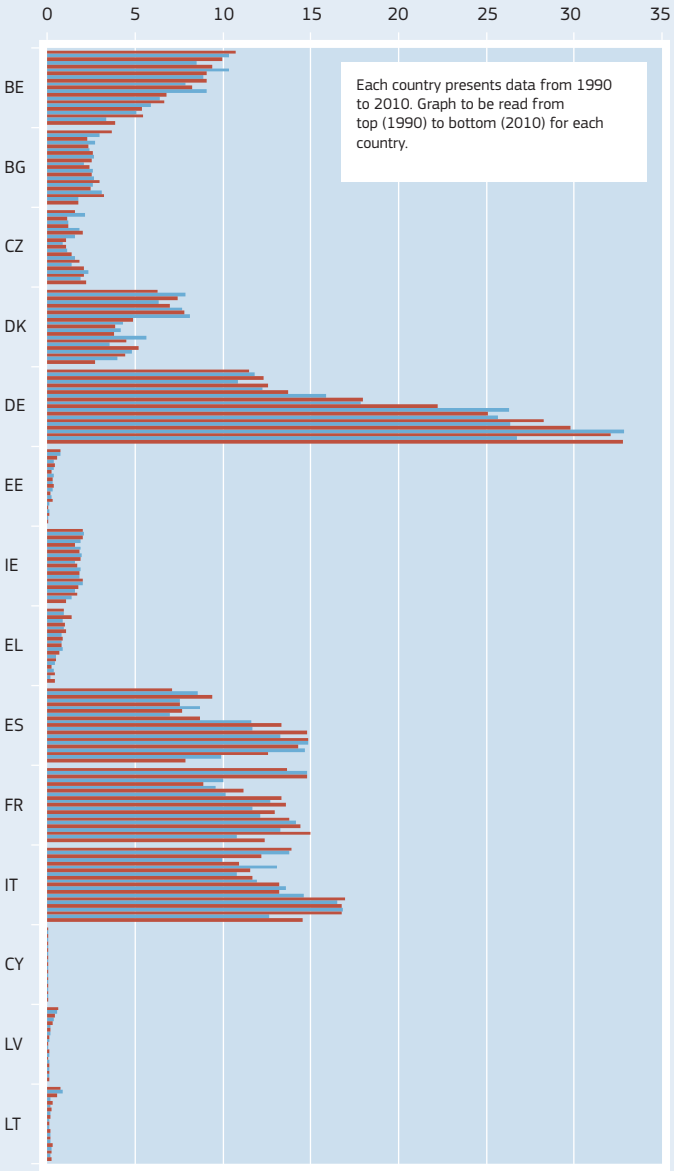
Ranking

Mtoe and %	1995			2010		
Top 10 Ranking	MS	Imports	EU-27 Share	MS	Imports	EU-27 Share
Solid Fuels						
1	IT	13.1	11.3%	DE	32.8	24.3%
2	DE	12.3	10.6%	UK	16.6	12.3%
3	NL	11.5	9.9%	IT	14.5	10.8%
4	UK	11.3	9.8%	NL	12.8	9.5%
5	BE	10.3	8.9%	FR	12.3	9.1%
6	FR	9.6	8.3%	PL	8.3	6.1%
7	ES	8.7	7.5%	ES	7.8	5.8%
8	DK	7.7	6.6%	FI	4.0	3.0%
9	SK	4.2	3.6%	BE	3.8	2.8%
10	PT	3.9	3.3%	SK	3.2	2.4%
Top 5 Total		58.5	50.4%		89.0	66.0%
of which Hard Coal						
1	IT	12.6	11.9%	DE	29.5	23.4%
2	NL	11.0	10.4%	UK	16.5	13.1%
3	UK	10.9	10.3%	IT	14.5	11.5%
4	DE	9.5	9.0%	NL	12.5	10.0%
5	BE	9.4	8.9%	FR	11.4	9.0%
6	FR	8.9	8.4%	PL	8.2	6.5%
7	ES	8.1	7.6%	ES	7.7	6.1%
8	DK	7.6	7.2%	FI	3.7	2.9%
9	PT	3.8	3.6%	BE	3.6	2.9%
10	FI	3.7	3.5%	DK	2.7	2.1%
Top 5 Total		53.4	50.5%		84.5	67.0%

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Solid Fuels

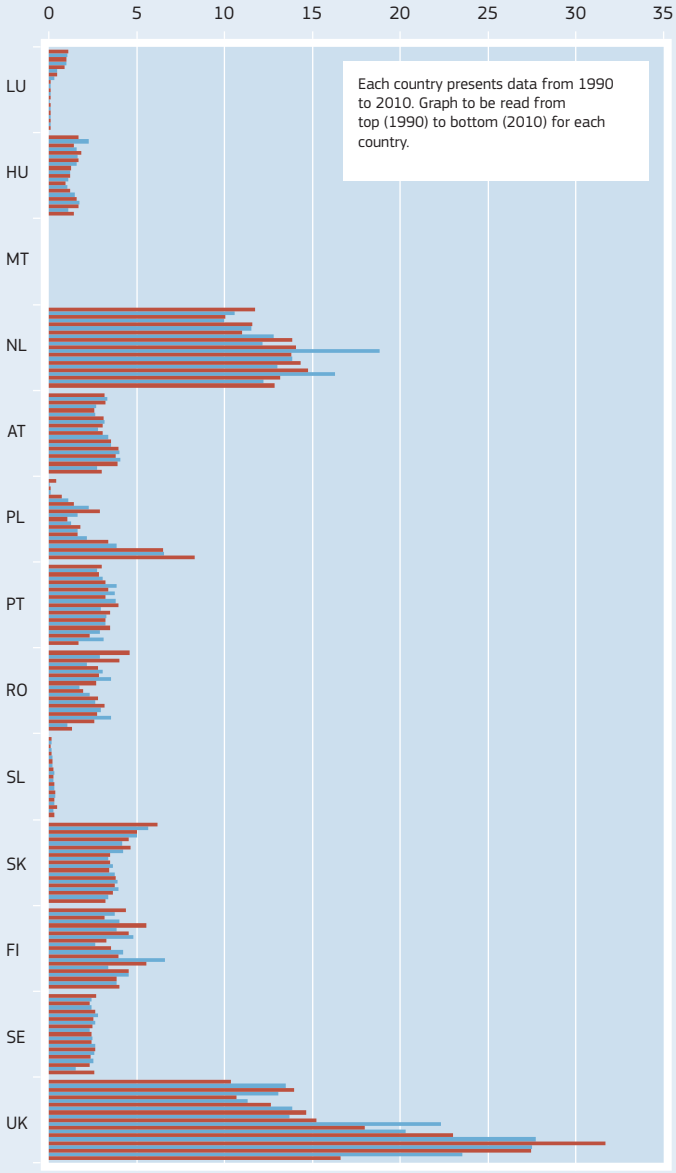
By Member State – BE-LT – 1990-2010 (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Solid Fuels

By Member State – LU-UK – 1990-2010 (Mtoe)



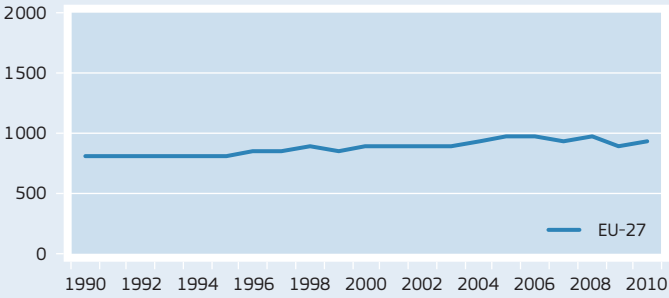
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Petroleum and Products

Petroleum and Products – Total

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	800.5	869.7	955.9	958.0	905.7	917.7
Index 1995	100%	109%	119%	120%	113%	115%
BE	44.86	52.88	58.34	59.64	53.88	56.17
BG	8.66	6.13	7.86	8.81	7.83	7.76
CZ	8.90	8.67	11.07	11.21	10.40	10.62
DK	10.37	9.91	8.77	9.52	8.71	9.28
DE	147.08	148.97	149.99	142.35	132.87	130.70
EE	1.18	0.92	1.08	1.16	1.18	1.10
IE	6.68	9.29	9.95	9.66	8.68	8.94
EL	21.41	23.75	26.37	28.59	27.85	27.11
ES	67.54	78.32	87.80	87.09	81.92	80.40
FR	102.12	114.30	122.99	121.20	112.49	106.50
IT	107.79	110.86	109.64	103.20	95.53	98.20
CY	2.01	2.51	2.77	3.00	2.87	2.89
LV	2.14	1.23	2.18	1.87	1.84	1.71
LT	5.40	5.49	9.66	10.16	9.30	10.22
LU	1.77	2.36	3.16	2.95	2.76	2.86
HU	7.64	7.08	8.86	9.23	7.90	8.46
MT	0.83	1.45	1.63	1.87	2.00	2.40
NL	91.21	107.29	126.98	132.30	139.69	149.99
AT	11.27	12.48	15.46	14.94	13.78	13.89
PL	16.56	21.80	24.95	28.04	27.53	29.22
PT	17.92	17.27	19.46	16.63	15.18	15.45
RO	11.64	6.36	9.90	10.51	8.97	8.38
SI	2.34	2.67	2.83	3.67	3.08	3.29
SK	5.35	5.70	6.97	7.19	6.88	6.79
FI	12.78	15.70	16.09	17.92	16.96	16.42
SE	25.68	26.61	27.97	29.18	26.99	28.19
UK	59.39	69.72	83.22	86.14	78.66	80.78

Petroleum and Products – Total (Mtoe)



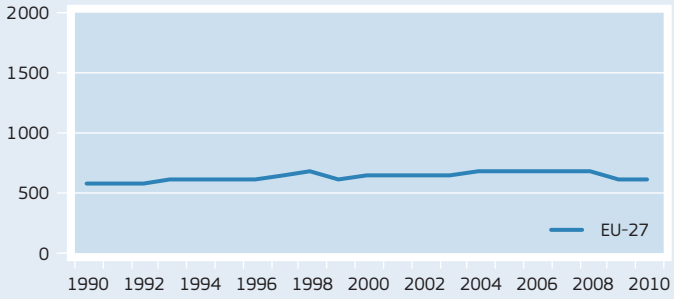
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Petroleum and Products

Crude and NGL

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	565.1	611.5	638.9	626.9	576.5	576.2
Index 1995	100%	108%	113%	111%	102%	102%
BE	26.48	34.09	31.84	33.76	31.17	33.35
BG	8.09	5.35	6.15	7.35	6.24	5.50
CZ	7.06	5.74	7.82	8.22	7.29	7.84
DK	5.48	3.80	2.79	2.43	3.61	2.78
DE	103.00	105.97	114.41	107.19	99.51	94.69
EE						
IE	2.25	2.96	3.31	3.30	2.70	3.07
EL	15.51	19.56	18.90	19.58	18.03	20.35
ES	55.40	57.91	60.13	59.03	52.75	52.86
FR	78.54	87.19	85.63	84.37	73.00	65.53
IT	74.79	84.71	90.59	83.83	77.55	79.82
CY	0.80	1.15				
LV						
LT	3.19	4.95	9.11	9.30	8.53	9.17
LU						
HU	5.96	5.88	6.33	6.77	5.54	5.82
MT						
NL	61.23	62.10	63.35	59.20	59.51	61.62
AT	7.78	7.46	7.93	7.97	7.52	6.88
PL	13.11	18.32	18.26	21.18	20.49	23.12
PT	13.03	11.55	13.38	12.24	10.44	11.49
RO	8.78	4.83	8.89	8.62	7.11	6.01
SI	0.50	0.12				
SK	5.32	5.42	5.52	5.79	5.59	5.42
FI	8.81	11.94	10.92	12.28	11.89	11.58
SE	18.31	20.69	20.22	21.20	19.16	19.93
UK	41.66	49.76	53.45	53.33	48.87	49.36

Crude and NGL (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Petroleum and Products

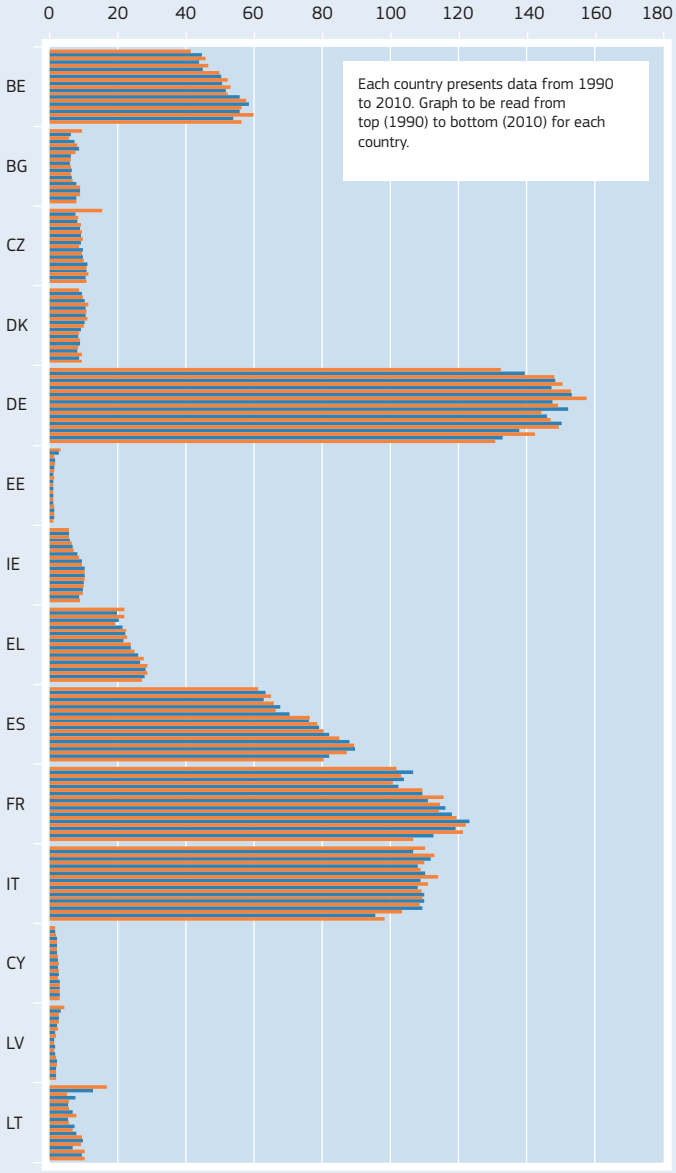
Ranking

Mtoe and %	1995			2010		
Top 10 Ranking	MS	Imports	EU-27 Share	MS	Imports	EU-27 Share
Petroleum and Products						
1	DE	147.1	18.4%	NL	150.0	16.3%
2	IT	107.8	13.5%	DE	130.7	14.2%
3	FR	102.1	12.8%	FR	106.5	11.6%
4	NL	91.2	11.4%	IT	98.2	10.7%
5	ES	67.5	8.4%	UK	80.8	8.8%
6	UK	59.4	7.4%	ES	80.4	8.8%
7	BE	44.9	5.6%	BE	56.2	6.1%
8	SE	25.7	3.2%	PL	29.2	3.2%
9	EL	21.4	2.7%	SE	28.2	3.1%
10	PT	17.9	2.2%	EL	27.1	3.0%
Top 5 Total		515.7	64.4%		566.2	61.7%
of which Crude Oil and NGL						
1	DE	103.0	18.2%	DE	94.7	16.4%
2	FR	78.5	13.9%	IT	79.8	13.9%
3	IT	74.8	13.2%	FR	65.5	11.4%
4	NL	61.2	10.8%	NL	61.6	10.7%
5	ES	55.4	9.8%	ES	52.9	9.2%
6	UK	41.7	7.4%	UK	49.4	8.6%
7	BE	26.5	4.7%	BE	33.3	5.8%
8	SE	18.3	3.2%	PL	23.1	4.0%
9	EL	15.5	2.7%	EL	20.4	3.5%
10	PL	13.1	2.3%	SE	19.9	3.5%
Top 5 Total		373.0	66.0%		354.5	61.5%

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Petroleum and Products

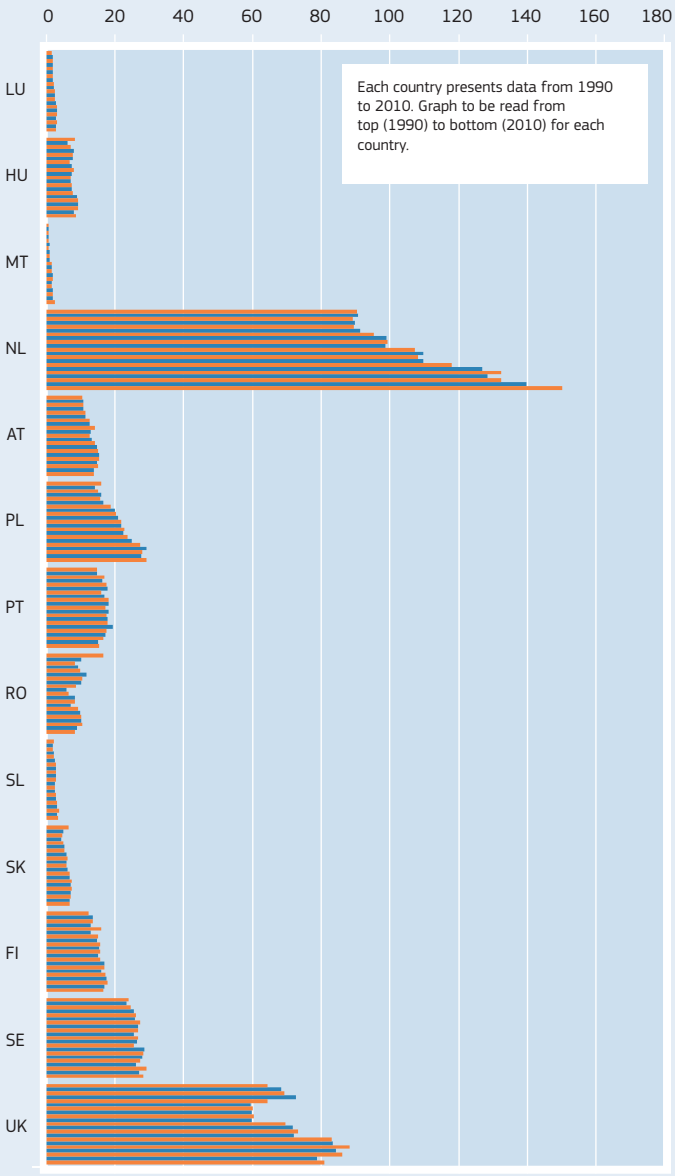
By Member State – BE-LT – 1990-2010 (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Petroleum and Products

By Member State – LU-UK – 1990-2010 (Mtoe)



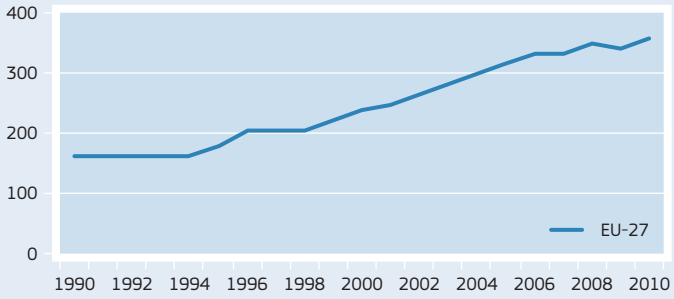
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Gases

Gases – Total

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	179.90	241.46	317.45	347.37	338.04	357.31
Index 1995	100%	134%	176%	193%	188%	199%
BE	10.42	13.28	14.82	14.90	14.96	16.79
BG	4.56	2.74	2.46	2.80	2.13	2.13
CZ	6.42	7.48	7.60	7.82	7.93	6.98
DK						0.14
DE	55.32	61.09	73.53	74.82	76.34	74.31
EE	0.58	0.66	0.80	0.77	0.53	0.56
IE	0.08	2.48	3.01	4.13	3.96	4.39
EL		1.69	2.33	3.51	2.96	3.23
ES	7.52	15.47	30.25	35.28	31.77	31.95
FR	28.11	36.46	41.62	40.10	40.72	42.11
IT	28.56	47.05	60.16	62.95	56.72	61.72
CY						
LV	1.00	1.11	1.43	1.10	1.40	0.90
LT	2.03	2.06	2.49	2.50	2.19	2.48
LU	0.56	0.67	1.18	1.09	1.11	1.20
HU	5.53	7.35	9.81	9.33	7.91	7.91
MT						
NL	2.76	12.48	16.44	18.96	18.39	18.45
AT	5.42	5.27	8.03	8.31	9.51	10.19
PL	5.84	6.64	8.57	9.16	8.16	8.91
PT		2.04	3.89	4.14	4.27	4.51
RO	4.79	2.71	4.19	3.53	1.60	1.82
SI	0.75	0.82	0.93	0.88	0.83	0.86
SK	4.53	5.71	6.05	5.13	4.82	5.00
FI	2.84	3.42	3.60	3.85	3.48	3.84
SE	0.75	0.78	0.84	0.83	1.09	1.31
UK	1.51	2.01	13.42	31.50	35.27	45.62

Gases – Total (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Gases

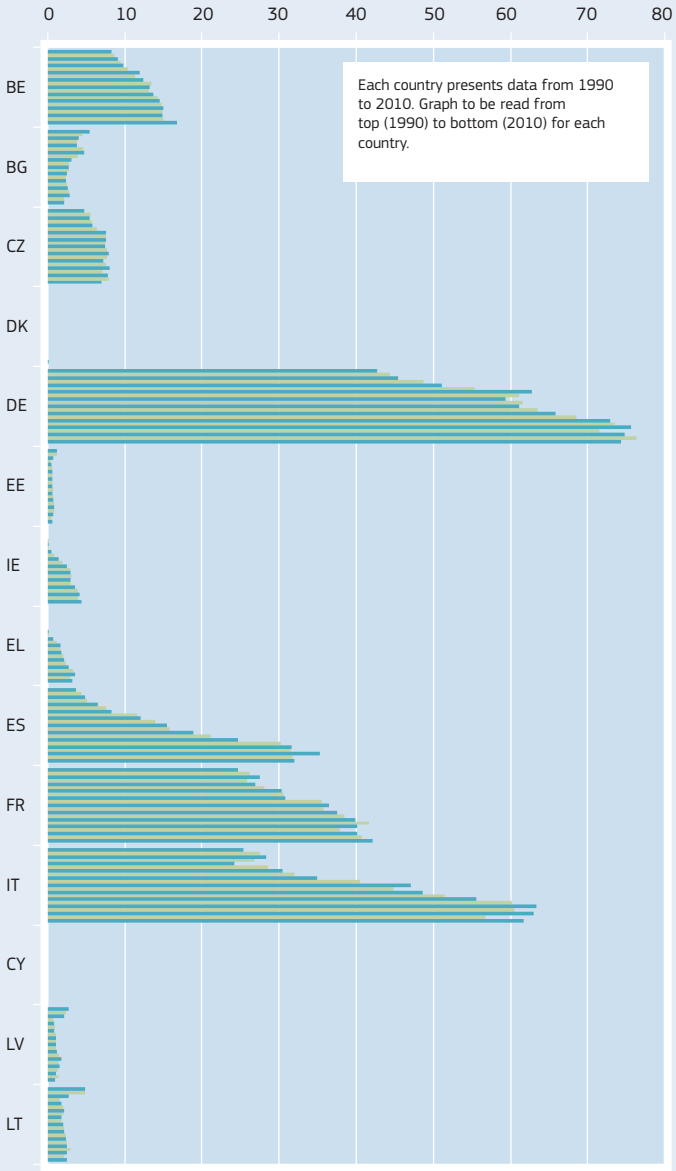
Ranking

Mtoe and %	1995			2010		
Ordered by 2010 Volume	MS	Imports	EU-27 Share	MS	Imports	EU-27 Share
Gases						
1	DE	55.3	30.8%	DE	74.3	20.8%
2	IT	28.6	15.9%	IT	61.7	17.3%
3	FR	28.1	15.6%	UK	45.6	12.8%
4	BE	10.4	5.8%	FR	42.1	11.8%
5	ES	7.5	4.2%	ES	32.0	8.9%
6	CZ	6.4	3.6%	NL	18.5	5.2%
7	PL	5.8	3.2%	BE	16.8	4.7%
8	HU	5.5	3.1%	AT	10.2	2.9%
9	AT	5.4	3.0%	PL	8.9	2.5%
10	RO	4.8	2.7%	HU	7.9	2.2%
11	BG	4.6	2.5%	CZ	7.0	2.0%
12	SK	4.5	2.5%	SK	5.0	1.4%
13	FI	2.8	1.6%	PT	4.5	1.3%
14	NL	2.8	1.5%	IE	4.4	1.2%
15	LT	2.0	1.1%	FI	3.8	1.1%
16	UK	1.5	0.8%	EL	3.2	0.9%
17	LV	1.0	0.6%	LT	2.5	0.7%
18	SE	0.8	0.4%	BG	2.1	0.6%
19	SI	0.8	0.4%	RO	1.8	0.5%
20	EE	0.6	0.3%	SE	1.3	0.4%
21	LU	0.6	0.3%	LU	1.2	0.3%
22	IE	0.1	0.0%	LV	0.9	0.3%
23				SI	0.9	0.2%
24				EE	0.6	0.2%
25				DK	0.1	0.0%
Top 5 Total		129.9	72.2%		255.7	71.6%

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Gases

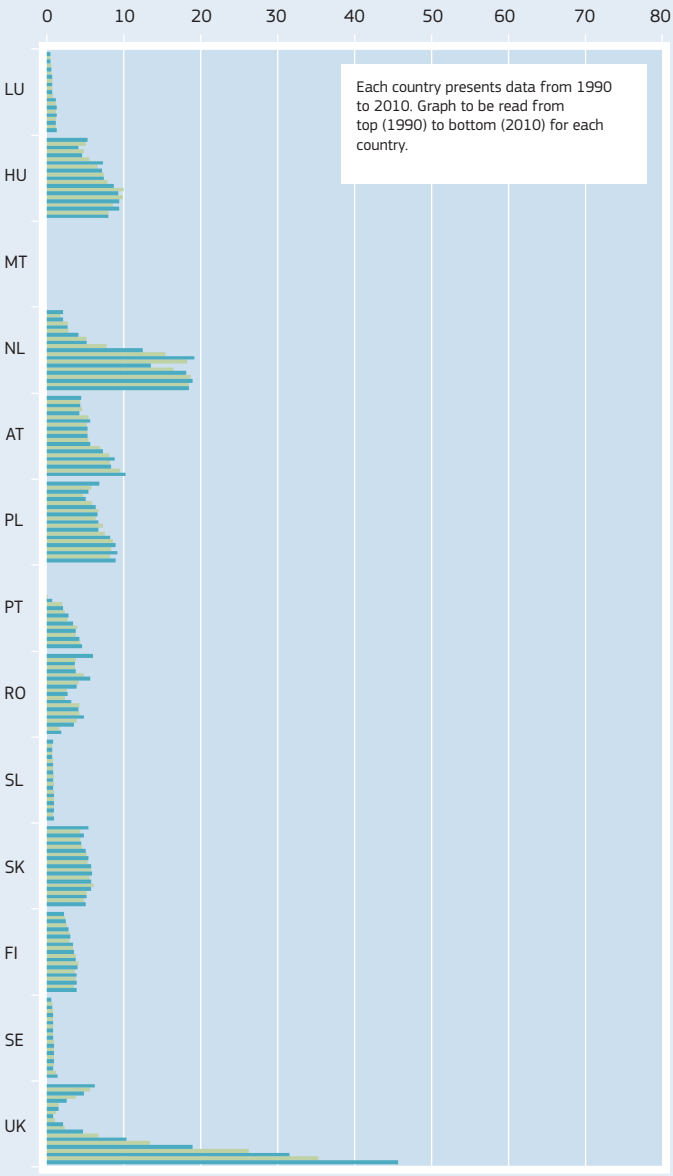
By Member State – BE-LT – 1990-2010 (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Gases

By Member State – LU-UK – 1990-2010 (Mtoe)



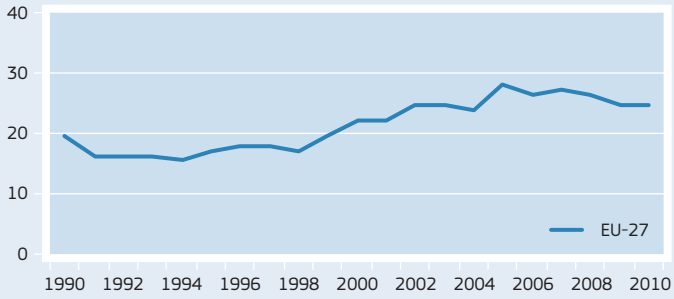
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Electricity

Electricity – Total

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	16.6	22.5	28.1	26.2	24.7	24.6
Index 1995	100%	135%	169%	158%	148%	148%
BE	0.81	1.00	1.23	1.48	0.82	1.07
BG	0.17	0.08	0.07	0.27	0.23	0.10
CZ	0.58	0.75	1.06	0.73	0.74	0.57
DK	0.35	0.72	1.11	1.10	0.96	0.91
DE	3.42	3.88	4.89	3.58	3.60	3.69
EE	0.02	0.02	0.03	0.12	0.26	0.09
IE	0.00	0.01	0.18	0.06	0.08	0.07
EL	0.12	0.15	0.48	0.65	0.65	0.73
ES	0.66	1.05	0.88	0.51	0.58	0.45
FR	0.25	0.32	0.69	0.92	1.59	1.67
IT	3.32	3.85	4.32	3.73	4.05	3.95
CY						
LV	0.23	0.18	0.25	0.40	0.37	0.34
LT	0.45	0.44	0.49	0.49	0.41	0.70
LU	0.49	0.55	0.55	0.59	0.52	0.63
HU	0.28	0.82	1.34	1.10	0.94	0.85
MT						
NL	1.03	1.97	2.04	2.15	1.33	1.34
AT	0.63	1.19	1.75	1.70	1.68	1.71
PL	0.37	0.28	0.43	0.78	0.64	0.54
PT	0.23	0.40	0.83	0.92	0.65	0.50
RO	0.06	0.07	0.20	0.08	0.06	0.07
SI	0.06	0.36	0.80	0.54	0.67	0.74
SK	0.30	0.51	0.69	0.81	0.77	0.63
FI	0.73	1.05	1.54	1.38	1.33	1.35
SE	0.66	1.57	1.25	1.10	1.18	1.28
UK	1.40	1.23	0.96	1.06	0.57	0.61

Electricity – Total (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Electricity

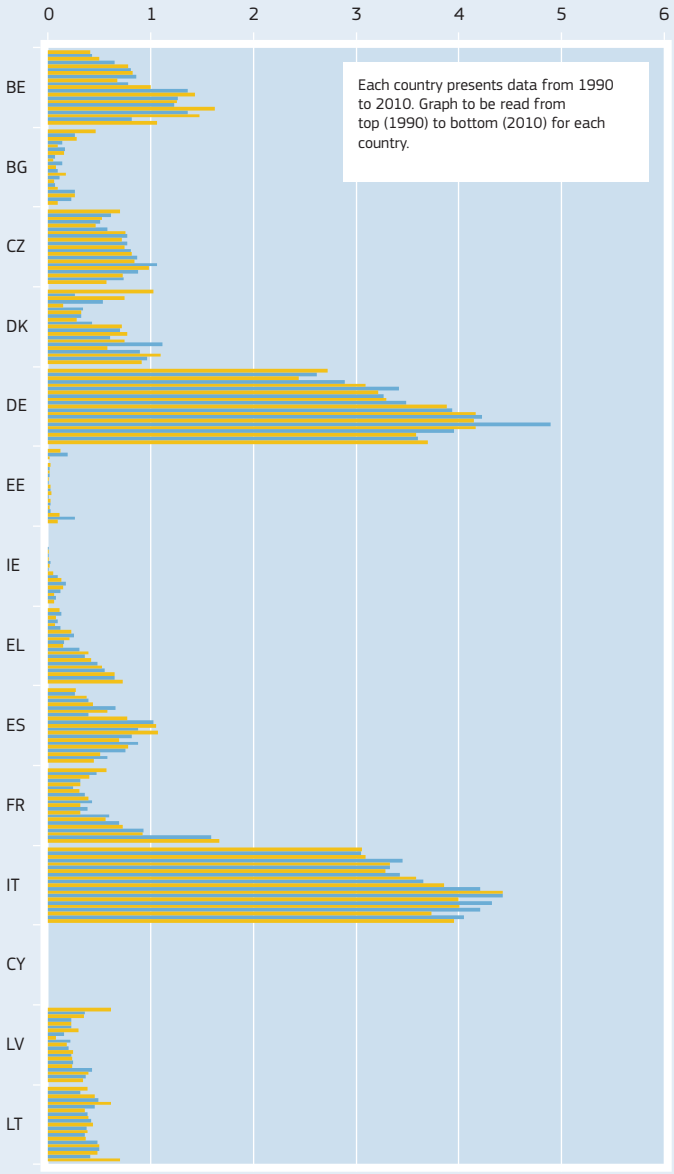
Ranking

Mtoe and %	1995			2010		
Ordered by 2010 Volume	MS	Imports	EU-27 Share	MS	Imports	EU-27 Share
Electricity						
1	DE	3.4	20.6%	IT	4.0	16.1%
2	IT	3.3	20.0%	DE	3.7	15.0%
3	UK	1.4	8.5%	AT	1.7	7.0%
4	NL	1.0	6.2%	FR	1.7	6.8%
5	BE	0.8	4.9%	FI	1.4	5.5%
6	FI	0.7	4.4%	NL	1.3	5.4%
7	SE	0.7	4.0%	SE	1.3	5.2%
8	ES	0.7	3.9%	BE	1.1	4.3%
9	AT	0.6	3.8%	DK	0.9	3.7%
10	CZ	0.6	3.5%	HU	0.9	3.5%
11	LU	0.5	3.0%	SI	0.7	3.0%
12	LT	0.5	2.7%	EL	0.7	3.0%
13	PL	0.4	2.3%	LT	0.7	2.9%
14	DK	0.3	2.1%	SK	0.6	2.6%
15	SK	0.3	1.8%	LU	0.6	2.5%
16	HU	0.3	1.7%	UK	0.6	2.5%
17	FR	0.2	1.5%	CZ	0.6	2.3%
18	PT	0.2	1.4%	PL	0.5	2.2%
19	LV	0.2	1.4%	PT	0.5	2.0%
20	BG	0.2	1.0%	ES	0.4	1.8%
21	EL	0.1	0.7%	LV	0.3	1.4%
22	RO	0.1	0.4%	BG	0.1	0.4%
23	SI	0.1	0.4%	EE	0.1	0.4%
24	EE	0.0	0.1%	RO	0.1	0.3%
25				IE	0.1	0.3%
Top 5 Total		10.0	60.1%		12.4	50.3%

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Electricity

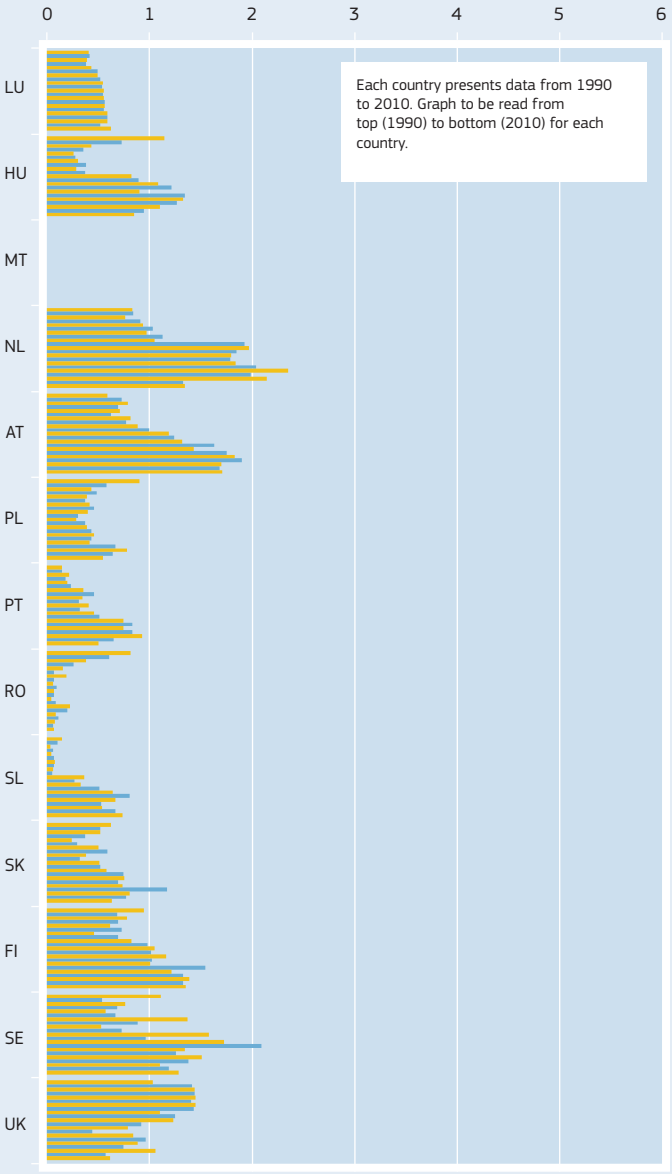
By Member State – BE-LT – 1990-2010 (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports – Electricity

By Member State – LU-UK – 1990-2010 (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports (by Country of Origin)

EU-27 – Hard Coal

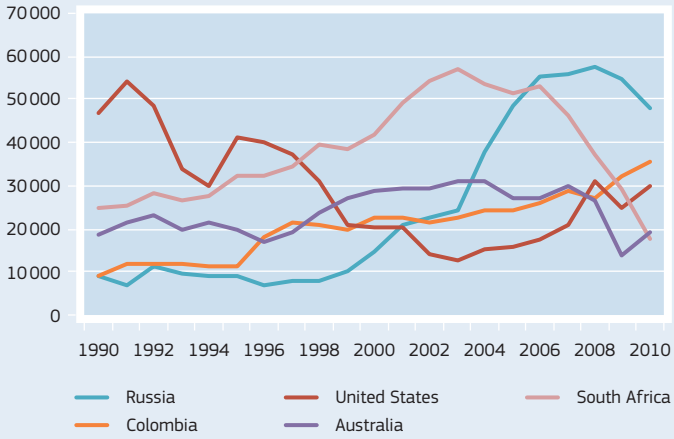
Top 15 Ordered by 2010 Volume

Thousands of tonnes	1995	2000	2005	2008	2009	2010
Russia	8794	14957	48452	57491	54991	47804
Colombia	11161	22586	24236	27302	32076	35652
United States	41058	20599	15736	31165	24856	29794
Australia	19533	28608	27119	26270	13818	19049
South Africa	32091	41573	51631	37346	29153	17572
Indonesia	3403	9102	14813	16146	12981	10178
Not specified	6680	5229	3358	6404	4610	6816
Canada	4237	6378	6642	5879	2621	3613
Ukraine	348	2041	4156	4885	2914	3140
Norway	329	928	1124	1400	1500	1386
Venezuela	2821	3621	2003	2325	1304	683
Kazakhstan	262	0	932	604	338	332
China	2443	1853	526	584	641	69
Vietnam	363	560	253	522	48	61
Bosnia and Herzegovina	0	0	0	15	8	25
Other	58	153	23	77	58	8

Thousands of tonnes						
Total Extra-EU	133581	158188	201004	218415	181917	176182
Intra-EU	30068	31119	26478	24210	20001	22311
Total with Intra-EU	163649	189307	227482	242625	201918	198493

EU-27 – Hard Coal

Top 5 Ordered by 2010 Volume (thousands of tonnes)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports (by Country of Origin)

EU-27 – Crude Oil and NGL

Top 15 Ordered by 2010 Volume

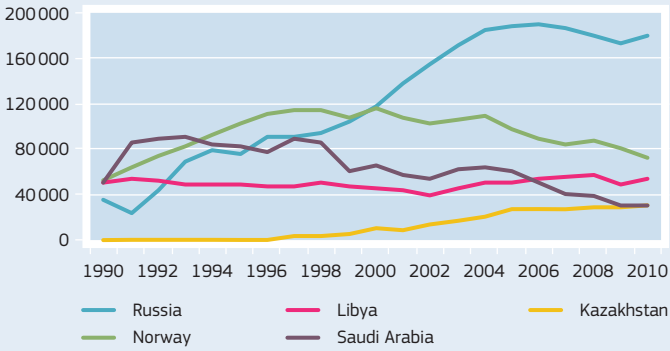
Thousands of tonnes	1995	2000	2005	2008	2009	2010
Russia	76319	118229	188079	179061	173519	180654
Norway	102203	115904	97610	86713	80042	73078
Libya	47978	45542	50601	57404	48108	53754
Saudi Arabia	82419	65143	60748	38912	29809	30774
Kazakhstan	78	9915	26386	28563	28522	29705
Iran	52467	35475	35611	30734	26234	29679
Nigeria	28597	22407	18618	22786	23554	21918
Azerbaijan	0	3712	7255	18068	20656	21673
Iraq	0	31250	12290	18851	19828	16952
Angola	4756	3862	7065	14755	14083	8483
Algeria	17031	21417	22776	16878	11406	8256
Syria	14984	13259	9027	6954	6842	7738
Mexico	7246	9770	10647	8760	5996	6783
Other African countries	143	3035	5299	9302	7186	5314
Venezuela	9923	6946	6989	8866	8735	5002
Other	52788	34275	21544	28498	26375	27731

Thousands of tonnes						
Total Extra-EU	**496932**	**540141**	**580545**	**575105**	**530895**	**527494**
Intra-EU	50291	61651	48270	41851	36287	39637
Total with Intra-EU	547223	601792	628815	616956	567182	567131

Millions of barrels						
Total Extra-EU	**3643**	**3960**	**4256**	**4216**	**3892**	**3867**
Intra-EU	369	452	354	307	266	291
Total with Intra-EU	4012	4412	4610	4523	4158	4158

EU-27 – Crude Oil and NGL

Top 5 Ordered by 2010 Volume (thousands of tonnes)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Imports (by Country of Origin)

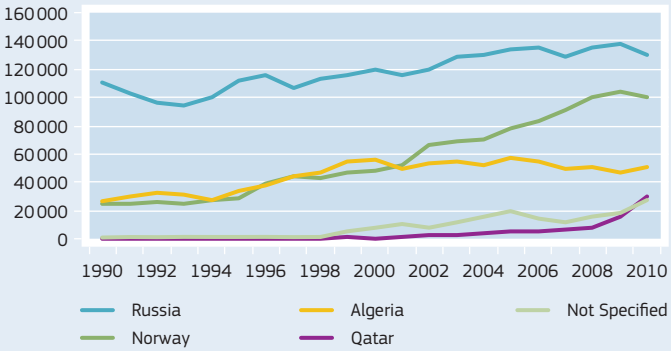
EU-27 – Natural Gas

Top 8 Ordered by 2010 Volume

TJ (GCV)	1995	2000	2005	2008	2009	2010
Russia	4 234 713	4 539 709	5 099 721	5 107 614	4 528 271	4 384 008
Norway	1 159 830	1 921 081	3 063 749	3 923 655	4 051 631	3 891 713
Algeria	1 362 649	2 203 075	2 256 826	2 000 109	1 867 044	1 986 428
Qatar	0	12 443	195 713	298 578	602 234	1 182 822
Not specified	58 588	332 289	782 285	619 889	723 359	1 026 393
Nigeria	0	172 020	436 319	540 366	312 985	503 049
Libya	54 497	33 442	209 499	398 006	379 882	381 660
Trinidad and Tobago	0	36 334	29 673	221 751	288 455	206 291
Other	47 267	49 082	475 717	466 119	437 632	235 919
Total Extra-EU	6 917 544	9 299 475	12 549 502	13 576 087	13 191 493	13 798 283
Intra-EU	1 451 229	1 933 316	2 218 105	2 583 614	2 530 713	2 817 105
Total with Intra-EU	8 368 773	11 232 791	14 767 607	16 159 701	15 722 206	16 615 388
Millions of cubic metres						
Russia	111 541	119 363	134 609	135 017	137 335	130 421
Norway	28 914	47 774	78 157	99 679	103 637	100 477
Algeria	33 698	55 607	57 075	50 591	47 072	50 342
Qatar	0	309	4 859	7 449	15 127	29 960
Not specified	1 457	8 098	19 634	15 587	17 764	27 099
Nigeria	0	4 385	10 586	13 249	7 659	12 310
Libya	1 353	830	5 445	10 416	9 926	9 980
Trinidad and Tobago	0	902	751	5 522	7 156	5 136
Other	1 184	1 272	11 963	11 830	10 892	6 058
Total Extra-EU	178 147	238 540	323 079	349 340	356 568	371 783
Intra-EU	41 164	54 116	61 479	70 817	69 740	73 959
Total with Intra-EU	219 311	292 656	384 558	420 157	426 308	445 742

EU-27 – Natural Gas

Top 5 Ordered by 2010 Volume (mio m³)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Energy Import Dependency

Import Dependency

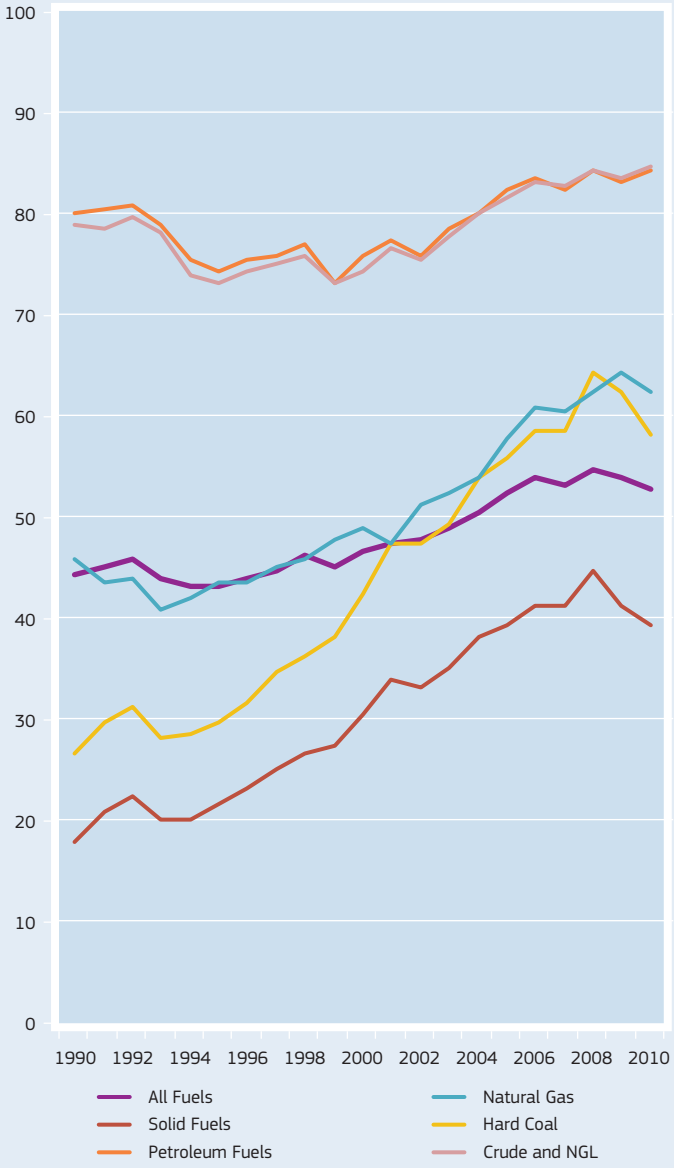
All Fuels

%	1995	2000	2005	2008	2009	2010
EU-27	43.2	46.7	52.5	54.6	53.7	52.7
Index 1995	100	108	121	126	124	122
BE	80.9	78.1	80.1	79.9	74.3	76.8
BG	57.2	46.5	47.5	52.1	45.3	40.3
CZ	20.6	23.0	28.3	27.9	27.0	25.6
DK	33.3	-35.3	-50.9	-22.9	-20.6	-18.2
DE	56.8	59.5	61.2	60.5	61.5	59.8
EE	33.6	32.0	25.4	24.0	21.2	12.9
IE	69.2	84.4	89.4	89.5	87.6	85.6
EL	66.7	69.5	68.6	73.3	67.8	69.1
ES	71.7	76.6	81.5	81.3	79.3	76.7
FR	48.0	51.5	51.7	50.8	51.0	49.3
IT	82.0	86.5	84.4	85.3	82.7	83.8
CY	100.4	98.6	100.7	97.6	96.4	100.9
LV	70.4	59.7	63.0	57.9	58.8	41.6
LT	63.4	59.8	57.1	58.2	50.2	81.9
LU	97.7	99.6	97.4	97.5	97.6	96.8
HU	48.0	55.2	63.2	63.4	58.7	58.3
MT	104.8	100.3	100.0	100.0	98.3	100.8
NL	18.3	38.7	38.4	34.4	36.5	30.7
AT	66.6	65.6	71.4	68.9	65.4	61.8
PL	0.0	10.6	17.6	30.6	31.7	31.5
PT	85.4	84.9	88.5	82.8	81.0	75.4
RO	30.8	22.0	27.6	27.7	20.2	21.7
SI	50.8	52.6	52.3	55.1	48.2	49.3
SK	68.9	65.0	65.4	64.6	66.4	63.1
FI	53.9	55.3	54.2	54.2	54.0	48.1
SE	37.6	39.2	37.7	37.9	37.1	36.5
UK	-16.2	-17.0	13.5	26.2	26.2	28.3

* Negative Rate Indicates a Net Exporter MS
Values Over 100% Indicate Stocks Build Up During the Period
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Import Dependency

EU-27 – Import Dependency (%)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Import Dependency

on Hard Coal

%	1995	2000	2005	2008	2009	2010
EU-27	29.7	42.4	55.6	64.1	62.5	58.1
Index 1995	100	143	187	216	210	195
BE	108.5	90.4	100.9	105.5	83.7	100.2
BG	73.0	100.5	94.8	114.2	93.6	88.2
CZ	-34.2	-56.1	-49.4	-40.6	-79.1	-58.0
DK	118.0	94.8	94.3	108.4	98.1	69.3
DE	17.1	39.2	57.3	69.7	72.4	77.3
EE	102.4	116.1	96.4	95.3	34.5	118.3
IE	105.9	91.6	100.5	107.7	104.6	79.8
EL	95.2	105.8	112.4	126.6	78.6	100.5
ES	48.5	66.8	74.4	79.2	85.0	85.9
FR	58.0	87.3	92.9	109.7	94.0	100.6
IT	105.6	105.7	99.7	100.8	97.5	101.5
CY	100.0	102.0	121.2	102.5	123.8	65.4
LV	92.9	82.5	96.7	101.2	93.8	106.6
LT	69.1	100.0	102.5	115.4	81.8	93.1
LU	100.0	100.0	100.0	100.0	100.0	100.0
HU	103.5	99.0	105.1	101.8	96.8	99.5
MT						
NL	97.4	101.5	100.3	106.9	126.1	122.3
AT	88.3	91.6	106.9	101.1	95.3	81.8
PL	-31.7	-29.9	-21.3	1.6	1.9	3.7
PT	105.9	103.4	96.3	91.2	106.8	98.3
RO	81.7	96.0	102.2	99.4	86.2	100.7
SI	100.0	100.6	93.7	128.5	86.5	99.9
SK	92.9	103.8	105.2	99.0	100.7	91.9
FI	89.0	97.7	102.6	113.2	109.8	85.5
SE	101.5	107.7	104.3	102.8	77.6	115.2
UK	21.8	39.4	71.5	75.0	77.7	51.9

* Negative Rate Indicates a Net Exporter MS
Values Over 100% Indicate Stocks Build Up During the Period
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Import Dependency

on Petroleum Fuels

%	1995	2000	2005	2008	2009	2010
EU-27	74.3	75.7	82.3	84.2	83.1	84.3
Index 1995	100	102	111	113	112	113
BE	99.6	100.2	100.8	98.8	95.4	98.0
BG	99.6	95.6	101.9	98.7	101.3	101.4
CZ	97.9	95.3	97.5	97.5	96.6	96.3
DK	11.0	-81.1	-103.8	-55.1	-58.9	-52.3
DE	95.8	94.5	97.0	95.2	95.2	95.8
EE	80.4	77.2	69.4	64.1	64.3	55.8
IE	100.2	98.8	99.7	99.7	99.2	97.5
EL	98.4	100.2	97.7	101.2	96.7	98.5
ES	101.5	101.0	101.2	100.4	98.9	99.9
FR	96.9	99.5	99.4	97.6	97.6	97.7
IT	93.3	96.0	91.7	91.3	91.2	92.7
CY	102.6	100.3	102.3	100.1	98.9	104.2
LV	102.6	94.3	102.4	99.0	99.4	93.6
LT	114.1	100.1	92.0	92.5	90.1	98.7
LU	98.2	102.2	99.4	100.2	100.1	99.4
HU	71.1	76.0	81.3	80.7	77.6	84.2
MT	104.8	100.3	100.0	100.0	98.3	100.8
NL	84.8	99.8	97.1	97.6	97.1	93.4
AT	89.3	89.1	91.6	92.9	91.2	88.9
PL	96.0	98.7	97.4	96.0	98.3	96.7
PT	100.6	99.3	102.3	102.1	99.0	98.0
RO	49.2	34.6	38.1	51.5	51.1	51.3
SI	97.8	101.5	101.3	101.7	98.3	100.5
SK	100.7	89.7	88.4	90.9	88.0	89.0
FI	94.7	101.9	96.4	98.9	96.5	87.3
SE	95.3	100.8	103.8	102.6	101.8	93.8
UK	-57.1	-54.6	-3.0	9.0	7.8	14.9

* Negative Rate Indicates a Net Exporter MS
Values Over 100% Indicate Stocks Build Up During the Period
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Import Dependency

on Crude and NGL

%	1995	2000	2005	2008	2009	2010
EU-27	73.2	74.4	81.4	84.2	83.5	84.7
Index 1995	100	102	111	115	114	116
BE	99.8	100.2	99.5	100.3	99.7	99.9
BG	99.7	98.7	97.7	101.0	98.6	99.6
CZ	100.2	95.3	99.3	98.1	97.2	97.5
DK	6.3	-120.5	-141.3	-81.2	-65.0	-68.8
DE	96.9	93.8	97.3	97.9	96.9	97.0
EE						
IE	100.2	89.8	98.9	100.1	95.7	101.6
EL	98.8	99.5	95.2	101.5	98.0	99.5
ES	99.1	100.6	100.1	99.8	99.3	99.3
FR	95.8	98.5	98.2	98.8	98.2	98.2
IT	92.8	95.1	94.0	93.7	94.6	94.5
CY	96.3	98.5				
LV						
LT	99.5	94.5	95.3	97.4	98.4	99.0
LU						
HU	72.0	78.6	81.2	83.9	80.8	85.3
MT						
NL	93.8	97.7	96.7	95.5	97.9	97.6
AT	87.6	87.0	88.5	89.5	88.0	86.2
PL	97.1	99.1	97.3	97.6	98.0	98.4
PT	100.0	99.0	100.2	100.1	98.7	98.9
RO	54.9	43.5	61.3	64.4	61.0	56.3
SI	95.9	86.9				
SK	101.5	97.6	97.7	100.1	99.8	99.9
FI	94.1	101.5	97.5	100.2	98.2	101.1
SE	99.3	100.6	100.4	102.0	98.3	99.0
UK	-47.7	-48.0	-0.2	9.3	7.7	12.7

* Negative Rate Indicates a Net Exporter MS
Values Over 100% Indicate Stocks Build Up During the Period
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Import Dependency

on Natural Gas

%	1995	2000	2005	2008	2009	2010
EU-27	43.5	48.9	57.7	62.3	64.3	62.4
Index 1995	100	112	133	143	148	143
BE	98.2	99.3	100.6	100.4	99.0	99.0
BG	99.5	93.5	87.7	96.2	98.6	95.1
CZ	98.0	99.8	97.8	98.7	104.4	85.4
DK	-47.2	-64.8	-113.9	-121.1	-91.9	-68.3
DE	78.6	79.1	81.3	84.5	87.9	81.9
EE	100.0	100.0	100.0	100.0	100.0	100.0
IE	3.6	72.1	86.7	92.1	92.5	93.4
EL		99.1	99.1	100.0	99.7	99.9
ES	97.4	101.6	101.4	100.9	98.9	99.2
FR	93.0	100.0	99.3	97.8	100.9	93.0
IT	63.9	81.1	84.7	90.3	88.6	90.5
CY						
LV	99.0	101.9	105.6	82.2	114.1	61.8
LT	100.0	100.0	100.6	96.3	100.4	99.7
LU	100.0	100.0	100.0	100.0	100.0	100.0
HU	60.3	75.4	81.1	88.1	85.6	78.7
MT						
NL	-76.4	-49.1	-59.3	-72.7	-61.2	-61.6
AT	84.8	80.6	87.7	87.5	85.8	74.4
PL	64.6	66.3	69.7	72.6	67.3	69.3
PT		100.3	103.8	100.1	101.2	100.4
RO	24.9	19.8	30.1	28.4	15.1	16.8
SI	100.6	99.3	99.6	99.7	99.7	99.3
SK	86.8	98.8	97.5	96.3	108.6	99.9
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	26.1	31.6	37.7

* Negative Rate Indicates a Net Exporter MS
Values Over 100% Indicate Stocks Build Up During the Period
Source: Eurostat, April 201
Methodology and Notes: See Appendix 6 – No 2

Final Energy
Available for Final Consumption

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	1 179.3	1 232.3	1 311.1	1 294.2	1 224.1	1 264.2
Index 1995	100%	104%	111%	110%	104%	107%
BE	39.85	44.49	44.17	45.12	42.17	44.30
BG	12.89	9.81	10.44	10.57	8.85	8.72
CZ	27.94	27.29	29.40	29.10	26.78	28.62
DK	15.03	15.02	15.47	14.85	15.35	14.83
DE	246.78	252.56	262.97	251.10	241.83	246.36
EE	2.89	2.68	2.95	3.11	2.56	2.97
IE	8.32	10.95	11.78	12.78	11.94	12.09
EL	16.30	18.97	21.25	21.67	21.07	19.66
ES	72.15	88.43	105.56	103.89	96.55	96.71
FR	155.81	165.44	176.63	173.78	167.39	171.08
IT	124.86	133.75	142.64	135.88	129.92	133.28
CY	1.51	1.73	1.78	2.07	1.99	1.96
LV	3.93	3.16	4.00	4.17	3.93	4.09
LT	5.13	4.28	5.41	6.25	5.30	5.45
LU	3.16	3.53	4.49	4.37	4.08	4.32
HU	18.08	17.67	20.30	19.06	18.25	18.67
MT	0.26	0.44	0.41	0.51	0.47	0.47
NL	57.22	60.95	65.39	72.28	65.13	70.45
AT	22.75	25.43	29.88	29.66	28.06	29.88
PL	67.12	58.93	63.32	69.15	66.98	71.55
PT	15.78	19.98	21.56	20.45	19.77	19.84
RO	30.30	24.98	26.94	27.17	24.14	24.68
SI	4.20	4.68	5.20	5.56	5.04	5.19
SK	12.10	12.56	12.61	12.54	11.62	12.64
FI	21.84	25.32	27.18	27.99	25.84	27.73
SE	36.57	36.07	35.09	34.60	32.77	36.93
UK	156.48	163.20	164.30	156.52	146.34	151.76

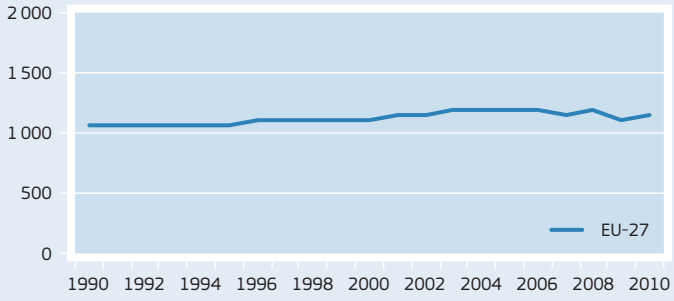
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Final Energy Consumption

Total

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	1 070.7	1 120.9	1 191.4	1 173.7	1 112.2	1 153.3
Index 1995	100%	105%	111%	110%	104%	108%
BE	34.35	37.36	36.59	37.50	34.50	36.43
BG	11.41	8.64	9.82	9.82	8.60	8.84
CZ	26.21	24.71	26.00	25.66	24.41	25.62
DK	14.82	14.72	15.50	15.52	14.80	15.54
DE	220.66	219.08	229.53	223.78	213.10	217.36
EE	2.57	2.42	2.87	3.05	2.77	2.91
IE	7.92	10.69	12.51	13.17	11.74	11.79
EL	15.71	18.56	20.82	21.26	20.54	19.03
ES	63.72	79.55	97.47	95.59	88.83	90.60
FR	142.78	154.49	162.38	160.18	154.37	158.77
IT	114.58	124.72	134.62	128.20	121.14	124.77
CY	1.46	1.63	1.82	1.97	1.92	1.92
LV	3.82	3.26	4.02	4.16	4.04	4.27
LT	4.60	3.77	4.61	5.07	4.59	4.75
LU	3.13	3.52	4.44	4.35	4.06	4.30
HU	16.19	16.10	18.17	17.08	16.41	16.66
MT	0.35	0.44	0.39	0.49	0.44	0.45
NL	47.98	50.48	52.29	51.09	50.41	53.98
AT	21.38	23.67	28.14	27.88	26.29	27.93
PL	62.81	55.59	58.20	62.22	61.18	66.32
PT	13.74	17.74	18.96	18.47	18.26	18.16
RO	26.93	22.73	24.96	24.81	22.24	22.47
SI	4.06	4.43	4.87	5.26	4.79	4.97
SK	10.66	10.55	11.07	11.03	10.22	11.59
FI	21.86	24.63	25.49	26.03	24.12	26.48
SE	34.92	34.85	33.55	32.47	31.49	34.44
UK	142.0	152.6	152.3	147.6	136.9	143.0

Final Energy Consumption (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Final Energy Consumption

By Sector

	2010						
Mtoe	Industry	Transport	Households	Services	Agriculture	Fishing	Other
EU-27	291.6	365.2	307.3	152.4	25.0	0.9	10.8
Share (%)	25.3%	31.7%	26.6%	13.2%	2.2%	0.1%	0.9%
BE	11.18	10.30	8.97	5.03	0.84		0.10
BG	2.54	2.88	2.25	0.99	0.18	0.00	
CZ	8.76	6.29	6.62	3.13	0.55	0.00	0.27
DK	2.43	5.17	4.90	2.15	0.72	0.14	0.01
DE	60.54	61.89	62.04	32.11	0.77		
EE	0.57	0.79	1.03	0.43	0.10	0.00	
IE	1.92	4.67	3.24	1.69	0.27		
EL	3.47	8.18	4.63	1.95	0.80	0.00	
ES	23.36	37.24	16.48	10.12	2.33	0.00	1.06
FR	31.24	50.32	44.05	23.40	3.52	0.31	5.93
IT	31.06	41.96	31.39	16.96	3.02	0.22	0.16
CY	0.24	1.04	0.30	0.24	0.04	0.00	0.08
LV	0.77	1.21	1.51	0.62	0.15	0.01	0.00
LT	0.90	1.55	1.58	0.60	0.11	0.00	0.01
LU	0.75	2.62	0.49	0.42	0.03		
HU	2.91	4.40	5.72	3.14	0.49	0.00	
MT	0.05	0.28	0.06	0.05			0.00
NL	14.31	15.04	11.52	9.69	3.43		
AT	8.84	8.80	6.90	2.82	0.57		
PL	15.38	17.59	21.01	8.55	3.78	0.00	0.00
PT	5.39	7.37	2.98	1.95	0.34	0.12	0.00
RO	6.88	5.00	8.10	1.88	0.39		0.21
SI	1.28	1.79	1.28	0.51	0.08		0.03
SK	4.35	2.65	2.31	2.14	0.14		
FI	11.60	4.97	5.79	1.95	0.81	0.04	1.32
SE	12.60	8.65	7.56	4.94	0.64	0.04	0.01
UK	28.25	52.56	44.63	14.96	0.94		1.61

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Final Energy Consumption

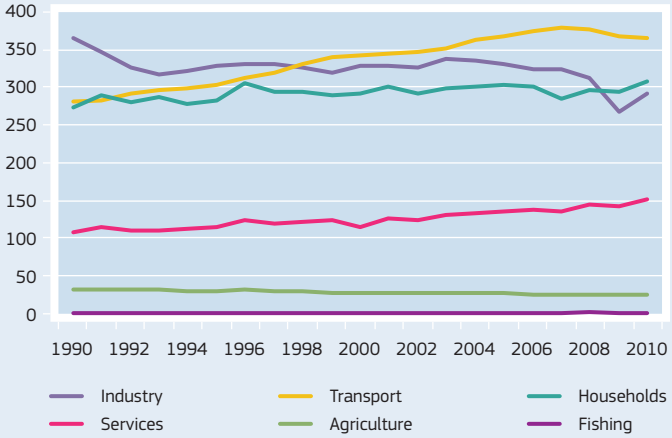
By Fuel

	2010						
Mtoe	Solid Fuels	Petroleum and Products	Gases	Renewables	Waste, Non-Renewable	Electricity	Derived Heat
EU-27	49.5	456.7	268.6	78.5	3.0	243.9	53.1
Share (%)	4.3%	39.6%	23.3%	6.8%	0.3%	21.1%	4.6%
BE	1.18	14.94	11.07	1.27	0.14	7.16	0.67
BG	0.47	3.14	0.98	0.94	0.02	2.33	0.96
CZ	3.08	6.63	6.69	1.90	0.15	4.92	2.25
DK	0.14	6.75	1.79	1.24	0.02	2.76	2.83
DE	9.62	82.46	54.05	13.51	0.93	45.48	11.30
EE	0.08	0.94	0.21	0.55		0.59	0.53
IE	0.61	7.11	1.61	0.29	0.01	2.16	
EL	0.30	12.13	0.78	1.21		4.57	0.05
ES	1.26	46.77	14.57	5.59		22.41	
FR	4.50	66.72	32.48	12.94	0.29	38.18	3.65
IT	2.91	48.91	38.50	5.26	0.13	25.74	3.33
CY	0.02	1.38		0.10	0.01	0.42	
LV	0.09	1.46	0.50	1.08	0.03	0.53	0.58
LT	0.20	1.61	0.57	0.74		0.72	0.92
LU	0.07	2.86	0.68	0.09	0.01	0.57	0.03
HU	0.48	4.70	6.26	1.15	0.03	2.94	1.09
MT		0.31				0.14	
NL	1.27	18.26	22.38	0.78		9.19	2.11
AT	1.13	10.65	4.99	3.73	0.41	5.27	1.74
PL	13.39	20.49	9.48	5.21	0.59	10.19	6.97
PT	0.05	9.32	1.58	2.55	0.04	4.29	0.34
RO	0.94	6.07	6.19	4.05	0.03	3.55	1.65
SI	0.05	2.44	0.62	0.61	0.02	1.03	0.19
SK	1.64	2.30	4.11	0.60	0.02	2.07	0.85
FI	0.88	7.92	1.01	4.80	0.03	7.18	4.66
SE	1.20	10.09	0.62	6.10		11.28	5.14
UK	3.96	60.32	46.92	2.18	0.05	28.23	1.29

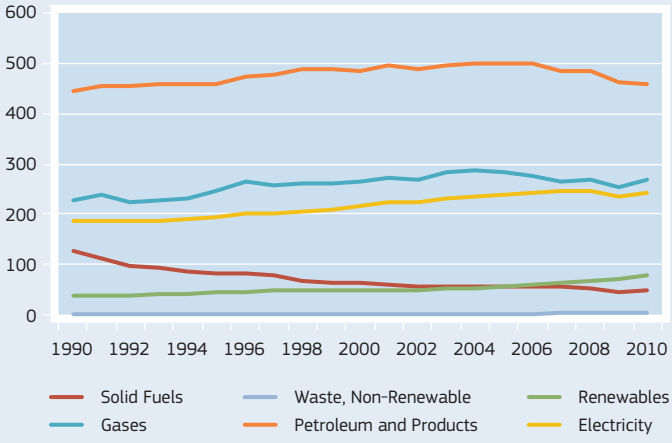
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Final Energy Consumption

By Sector – EU-27 – 1990-2010 (Mtoe)



By Fuel – EU-27 – 1990-2010 (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Final Non-Energy Consumption

Total

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	108.7	116.4	120.0	116.9	107.2	112.2
Index 1995	100%	107%	110%	107%	99%	103%
BE	5.82	6.74	7.52	8.14	7.25	7.59
BG	1.23	1.26	1.07	1.13	0.59	0.44
CZ	2.52	2.19	3.00	3.00	2.56	2.77
DK	0.32	0.30	0.29	0.26	0.25	0.26
DE	27.33	31.19	31.33	29.44	27.65	29.74
EE	0.18	0.18	0.18	0.16	0.05	0.04
IE	0.55	0.55	0.31	0.30	0.16	0.27
EL	0.49	0.72	0.76	0.93	0.91	1.11
ES	7.87	9.40	8.35	7.69	7.15	7.03
FR	15.85	16.23	14.53	13.76	12.07	12.00
IT	9.73	8.43	8.61	8.91	8.49	9.56
CY	0.06	0.08	0.07	0.07	0.07	0.08
LV	0.04	0.07	0.10	0.12	0.08	0.07
LT	0.54	0.66	0.80	1.19	0.73	0.71
LU	0.02	0.01	0.02	0.01	0.01	0.02
HU	1.60	1.58	2.16	2.01	1.89	1.98
MT			0.02	0.02	0.01	0.01
NL	9.25	10.49	13.01	14.14	14.65	15.48
AT	1.38	1.72	1.72	1.80	1.80	1.86
PL	3.71	4.36	4.54	4.99	4.61	4.78
PT	2.06	2.33	2.51	1.94	1.53	1.74
RO	1.24	1.88	2.44	2.37	1.88	1.72
SI	0.12	0.24	0.31	0.28	0.23	0.21
SK	1.17	1.63	1.52	1.50	1.39	1.04
FI	1.17	1.11	1.33	1.66	1.58	1.58
SE	1.99	1.73	2.29	2.33	1.65	2.01
UK	12.49	11.32	11.21	8.69	7.95	8.08

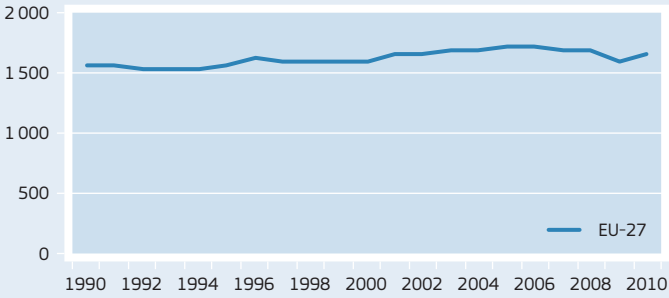
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Primary Energy Intensity

Total

Mtoe	1995	2000	2005	2008	2009	2010
EU-27	1 559.4	1 608.5	1 704.4	1 683.5	1 596.2	1 646.8
Index 1995	100%	103%	109%	108%	102%	106%
BE	48.32	52.47	51.46	51.48	50.86	53.91
BG	22.18	17.44	19.01	18.96	16.98	17.39
CZ	39.18	39.08	42.27	42.26	39.78	42.00
DK	19.96	19.49	19.48	19.08	19.46	19.06
DE	314.84	312.43	314.67	313.43	298.79	306.36
EE	5.17	4.78	5.38	5.71	5.25	6.06
IE	10.43	13.70	14.93	15.64	14.76	14.84
EL	23.38	27.55	30.63	30.91	29.79	27.73
ES	94.28	114.57	135.99	134.26	123.19	123.19
FR	225.38	241.60	262.06	258.16	247.88	256.58
IT	153.21	167.37	179.92	172.74	161.49	165.95
CY	1.94	2.31	2.45	2.81	2.73	2.63
LV	4.58	3.67	4.39	4.48	4.25	4.47
LT	8.17	6.50	7.99	8.17	7.80	6.15
LU	3.29	3.62	4.79	4.63	4.35	4.64
HU	24.67	23.72	25.54	24.79	23.47	24.00
MT			0.95	0.95	0.89	0.90
NL	64.01	66.08	69.51	69.79	66.96	71.44
AT	25.95	27.46	32.68	32.53	30.68	32.75
PL	96.29	85.46	88.53	94.01	90.71	96.93
PT	18.59	22.77	24.90	23.26	23.40	22.63
RO	45.97	34.95	36.91	38.13	33.63	33.98
SI	5.94	6.19	6.99	7.48	6.88	7.06
SK	16.79	16.34	17.57	16.91	15.41	16.88
FI	28.38	31.80	33.73	34.65	32.76	35.40
SE	48.32	45.93	49.45	47.65	44.08	49.35
UK	209.40	220.41	222.19	210.58	199.94	204.54

Total (Mtoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Electricity

Installed Electricity Capacity

Total

MW	1995	2000	2005	2008	2009	2010
EU-27	616460	672650	768632	832806	859561	904125
BE	15216	15988	16697	17572	18552	19489
BG			12267	9643	9603	10035
CZ	13803	15323	17668	18012	18680	20500
DK	11124	12671	13987	13926	14482	14956
DE	117537	120325	128535	144335	153067	163766
EE		2800	2571	2706	2702	2818
IE	4060	4722	6290	7436	7639	8552
EL	8990	10940	13354	14336	14306	15199
ES	46095	54218	77269	94365	97444	102730
FR	107616	114681	116784	118966	120377	125918
IT	66091	76195	86639	100083	103343	108689
CY		988	1125	1204	1426	1510
LV	2068	2092	2175	2164	2511	2573
LT	5866	5716	4561	4679	4738	3599
LU	1256	1228	1696	1715	1720	1751
HU	7434	8313	8955	9049	9338	9551
MT				571	571	571
NL	19367	21586	23138	26160	27292	28171
AT	17990	18597	20044	23782	24053	24826
PL	29466	30571	32315	32772	33145	33497
PT	9524	11183	13753	16149	17834	19515
RO			18950	19659	19551	19931
SI	2518	2631	3012	3048	3102	3242
SK	7238	7454	8309	7516	7326	8059
FI	15580	17761	18188	18405	18125	18579
SE	34901	35306	36369	37240	39198	40375
UK	70440	79178	83981	87313	89436	95723

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Installed Electricity Capacity

By Fuel

	2010						
MW	Installed Electricity Capacity	Combustible Fuels	Hydro	Nuclear	Wind	Solar	Wood, Wood Waste*
EU-27	904 125	477 958	145 117	131 689	84 696	29 974	15 381
BE	19 489	9 154	1 425	5 927	912	904	640
BG	10 035	4 574	3 048	1 892	488	25	
CZ	20 500	11 793	2 197	3 900	218	1 959	271
DK	14 956	9 889	9		3 802	7	868
DE	163 766	77 201	11 028	20 467	27 209	17 320	2 014
EE	2 818	2 637	6		108		63
IE	8 552	6 375	530		1 412		5
EL	15 199	10 597	3 018		1 298	202	
ES	102 730	50 457	18 535	7 424	20 759	4 598	545
FR	125 918	28 626	25 476	63 130	6 019	1 007	375
IT	108 689	74 658	21 521		5 795	3 470	406
CY	1 510	1 413			82	7	
LV	2 573	951	1 576		30		5
LT	3 599	2 536	876		133		16
LU	1 751	516	1 134		44	29	
HU	9 551	6 666	53	2 000	293	2	469
MT	571	571					
NL	28 171	23 743	37	510	2 237	88	686
AT	24 826	7 340	12 701		977	95	2 394
PL	33 497	29 910	2 342		1 108		53
PT	19 515	9 871	5 093		3 796	134	482
RO	19 931	11 638	6 474	1 411	388		19
SI	3 242	1 261	1 254	666		12	33
SK	8 059	3 496	2 516	1 820	3	20	169
FI	18 579	10 634	3 140	2 700	188	7	1 910
SE	40 375	8 715	16 735	8 977	2 019	11	3 142
UK	95 723	72 736	4 393	10 865	5 378	77	816

* Net Maximum Capacity
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Installed Electricity Capacity

By Fuel

	2010						
MW	Biogas*	Liquid Biofuels*	Geothermal*	Tide, Wave and Ocean*	Municipal Waste*	Industrial Waste*	Other Sources*
EU-27	6 113	1 001	762	241	6 201	604	4 388
BE	115	122			253	37	
BG	4						4
CZ	118				43	1	
DK	80				300		1
DE	2 725	275	8		1 650	119	3 750
EE	4						
IE	30						200
EL	41					43	
ES	189				223		
FR	187			240	858		
IT	480	581	728		716	16	318
CY	8						
LV	11						
LT	13						25
LU	9				19		
HU	24				42	2	
MT							
NL	196	17			586		71
AT	586	6	1		459	267	
PL	81					3	
PT	25		25		77	12	
RO	1						
SI	14					2	
SK	9				5	2	19
FI							
SE	22				654	100	
UK	1 141			1	316		

* Net Maximum Capacity
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Installed Electricity Capacity

By Fuel

	2009						
MW	Installed Electricity Capacity	Combustible Fuels	Hydro	Nuclear	Wind	Solar	Wood, Wood Waste*
EU-27	859561	464172	143733	132497	74967	16193	14039
Share (%)	100.0%	54.0%	16.7%	15.4%	8.7%	1.9%	1.6%
BE	18552	9183	1417	5902	608	386	554
BG	9603	4369	3001	1892	333	2	
CZ	18680	11654	2184	3830	193	465	254
DK	14482	9892	9		3482	5	704
DE	153067	80244	10640	20480	25777	9800	2042
EE	2702	2554	7		104		35
IE	7639	5610	530		1264		5
EL	14306	10209	3018		950	46	
ES	97444	47760	18505	7365	19176	3770	502
FR	120377	25624	25317	63130	4530	263	286
IT	103343	73041	21371		4879	1142	438
CY	1426	1413				4	
LV	2511	936	1536		29		2
LT	4738	2532	876	1183	98		16
LU	1720	500	1134		43	26	
HU	9338	6610	53	1940	203	1	464
MT	571	571					
NL	27292	23083	37	510	2222	68	551
AT	24053	7287	12512		1004	53	2024
PL	33145	29985	2338		709		42
PT	17834	8846	5080		3326	115	342
RO	19551	11675	6450	1411	15		
SI	3102	1310	1070	666		4	38
SK	7326	2824	2487	1820	3	1	160
FI	18125	10374	3120	2671	147	6	1807
SE	39198	8337	16652	8839	1448	9	3142
UK	89436	67749	4389	10858	4424	27	631

* Net Maximum Capacity
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Installed Electricity Capacity

By Fuel

	2009						
MW	Biogas*	Liquid Biofuels*	Geothermal*	Tide, Wave and Ocean*	Municipal Waste*	Industrial Waste*	Other Sources*
EU-27	5 104	882	731	241	5 781	583	638
Share (%)	0.6%	0.1%	0.1%	0.0%	0.7%	0.1%	0.1%
BE	105	139			218	40	
BG	3						3
CZ	96				3	1	
DK	77				313		
DE	2 169	329	7		1 460	119	
EE	2						
IE	30						200
EL	40					43	
ES	177				189		
FR	159			240	828		
IT	359	371	695		703	25	319
CY	6		3				
LV	8						
LT	8						25
LU	9				8		
HU	24				42	1	
MT							
NL	186	17			546		72
AT	453	26	1		449	244	
PL	68					3	
PT	20		25		77	3	
RO							
SI	12					2	
SK	4				6	2	19
FI							
SE	17				654	100	
UK	1 072			1	285		

* Net Maximum Capacity
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Electricity Generation

Total

TWh	1995	2000	2005	2008	2009	2010
EU-27	2 734.0	3 025.2	3 310.6	3 371.3	3 209.1	3 345.6
Index 1995	100%	111%	121%	123%	117%	122%
BE	74.41	84.01	87.03	84.93	91.23	95.12
BG	41.79	40.92	44.37	45.04	42.96	46.65
CZ	60.85	73.47	82.58	83.52	82.25	85.91
DK	36.76	36.05	36.25	36.62	36.38	38.79
DE	537.28	576.54	620.57	637.23	592.46	627.92
EE	8.79	8.51	10.21	10.58	8.78	12.96
IE	17.86	23.98	25.97	30.24	28.31	28.61
EL	41.55	53.84	60.02	63.75	61.37	57.39
ES	167.09	224.47	294.08	313.76	294.62	303.09
FR	494.07	540.73	576.20	574.06	539.34	569.00
IT	241.49	276.64	303.70	319.13	292.64	302.06
CY	2.50	3.37	4.38	5.08	5.23	5.35
LV	3.98	4.14	4.91	5.27	5.57	6.63
LT	13.90	11.43	14.78	13.91	15.36	5.75
LU	1.23	1.17	4.13	3.56	3.88	4.59
HU	34.02	35.19	35.76	40.03	35.91	37.37
MT	1.63	1.92	2.24	2.31	2.17	2.11
NL	80.93	89.63	100.22	107.65	113.50	118.14
AT	56.23	61.26	66.41	66.88	69.09	71.13
PL	139.01	145.18	156.94	155.31	151.72	157.66
PT	33.27	43.76	46.58	45.97	50.21	54.09
RO	59.27	51.93	59.41	64.96	58.01	60.62
SI	12.91	13.62	15.12	16.40	16.40	16.43
SK	26.77	31.16	31.46	28.96	26.16	27.84
FI	64.04	69.97	70.57	77.44	72.06	80.67
SE	148.35	145.27	158.44	150.04	136.72	148.61
UK	334.04	377.07	398.36	388.70	376.74	381.13

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Electricity Generation

By Fuel

	2010						
TWh	Gross Electricity Generation	Solid Fuels	Petroleum and Products	Gases	Nuclear	Renewables	Other
EU-27	3 345.6	827.8	86.3	789.0	916.6	699.3	26.7
Share (%)	100.0%	24.7%	2.6%	23.6%	27.4%	20.9%	0.8%
BE	95.12	4.19	0.41	33.18	47.94	7.85	1.55
BG	46.65	22.61	0.39	1.97	15.25	6.42	0.01
CZ	85.91	47.11	0.16	4.12	28.00	6.49	0.02
DK	38.79	16.98	0.75	7.91		12.47	0.68
DE	627.92	262.89	8.36	96.74	140.56	110.53	8.83
EE	12.96	11.17	0.04	0.71		1.04	0.00
IE	28.61	6.38	0.61	17.71		3.91	0.00
EL	57.39	30.80	6.09	9.83		10.55	0.13
ES	303.09	25.33	16.56	97.61	61.99	100.65	0.95
FR	569.00	23.36	5.82	26.61	428.52	82.59	2.10
IT	302.06	39.73	21.71	157.44		80.26	2.92
CY	5.35		5.25			0.04	0.06
LV	6.63	0.00	0.00	2.99		3.64	0.00
LT	5.75		0.65	3.19		1.67	0.25
LU	4.59		0.00			1.63	2.96
HU	37.37	6.23	0.49	11.71	15.76	3.02	0.15
MT	2.11		2.11				0.00
NL	118.14	22.59	1.25	77.41	3.97	11.20	1.72
AT	71.13	4.92	1.28	16.13		48.30	0.50
PL	157.66	136.59	2.89	6.47		11.46	0.24
PT	54.09	7.10	3.01	14.90		28.75	0.33
RO	60.62	20.68	0.69	7.32	11.62	20.30	0.00
SI	16.43	5.29	0.01	0.55	5.66	4.93	0.00
SK	27.84	3.57	0.60	2.72	14.57	6.32	0.06
FI	80.67	20.83	0.48	11.85	22.80	24.18	0.53
SE	148.61	1.77	1.77	3.83	57.83	82.20	1.21
UK	381.13	107.70	4.86	176.10	62.14	28.89	1.45

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Electricity Generation

By Fuel, Renewables

	2010						
TWh	Renewables	Hydro	Wind	Solar	Tide, Wave and Ocean	Biomass and Renewable Wastes	Geothermal
EU-27	699.3	397.7	149.1	23.1	0.5	123.3	5.6
Share (%)	100%	57%	21%	3%	0%	18%	1%
BE	7.85	1.67	1.29	0.56		4.33	
BG	6.42	5.69	0.68	0.02		0.04	
CZ	6.49	3.38	0.34	0.62		2.16	
DK	12.47	0.02	7.81	0.01		4.63	
DE	110.53	27.36	37.79	11.68		33.67	0.03
EE	1.04	0.03	0.28			0.74	
IE	3.91	0.78	2.82			0.32	
EL	10.55	7.49	2.71	0.16		0.19	
ES	100.65	45.49	44.17	7.11		3.89	
FR	82.59	66.83	9.97	0.56	0.53	4.70	
IT	80.26	54.41	9.13	1.91		9.44	5.38
CY	0.04		0.03	0.01			
LV	3.64	3.52	0.05			0.07	
LT	1.67	1.30	0.22			0.15	
LU	1.63	1.47	0.06	0.02		0.08	
HU	3.02	0.19	0.53	0.00		2.30	
MT							
NL	11.20	0.11	3.99	0.06		7.04	
AT	48.30	41.60	2.06	0.09		4.55	0.00
PL	11.46	3.49	1.66			6.30	
PT	28.75	16.55	9.18	0.21		2.62	0.20
RO	20.30	19.88	0.31			0.11	
SI	4.93	4.70		0.01		0.22	
SK	6.32	5.65	0.01			0.66	
FI	24.18	12.92	0.29	0.00		10.96	
SE	82.20	66.50	3.50	0.01		12.19	
UK	28.89	6.75	10.18	0.03		11.92	

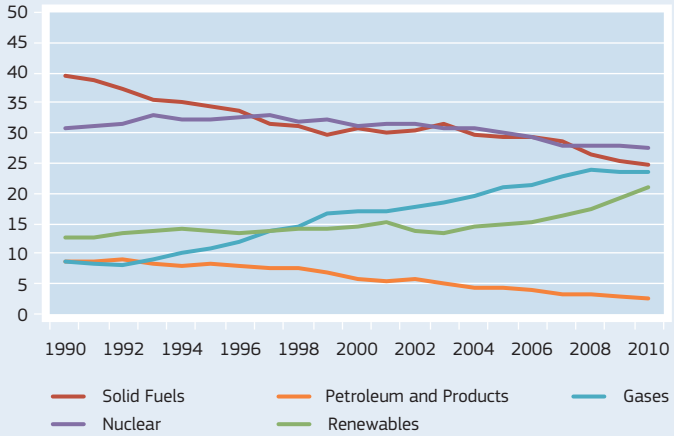
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Electricity Generation

EU-27 – by Fuel

	2010				
Share of Total (%)	Solid Fuels	Petroleum and Products	Gases	Nuclear	Renewables
1990	39.4	8.6	8.6	30.7	12.5
1991	38.9	8.7	8.2	31.2	12.8
1992	37.3	9.1	8.1	31.6	13.5
1993	35.6	8.3	9.1	33.0	13.8
1994	35.2	8.0	10.1	32.3	14.0
1995	34.6	8.3	10.7	32.2	13.8
1996	33.7	7.9	12.0	32.7	13.3
1997	31.7	7.4	13.8	32.9	13.7
1998	31.3	7.4	14.5	32.0	14.2
1999	29.9	6.8	16.6	32.1	14.2
2000	30.8	5.9	16.9	31.2	14.6
2001	30.2	5.5	17.0	31.5	15.1
2002	30.4	5.9	17.6	31.6	13.8
2003	31.4	5.1	18.4	30.9	13.6
2004	29.9	4.4	19.7	30.7	14.6
2005	29.2	4.2	20.9	30.1	14.7
2006	29.4	4.0	21.2	29.5	15.3
2007	28.5	3.3	22.8	27.8	16.2
2008	26.6	3.1	23.9	27.8	17.4
2009	25.5	3.0	23.4	27.9	19.3
2010	24.7	2.6	23.6	27.4	20.9

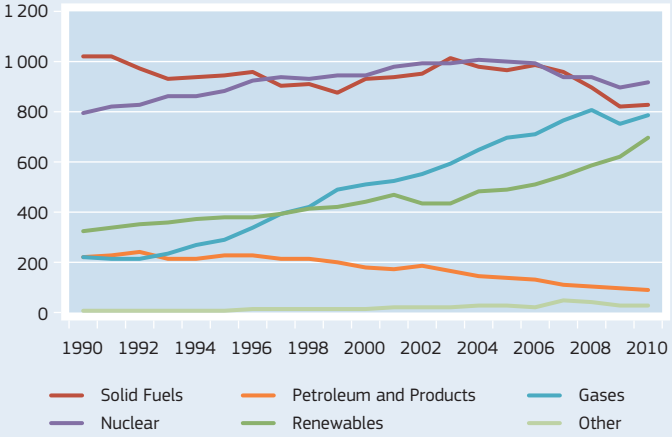
EU-27 – by Fuel (% Share of Total)



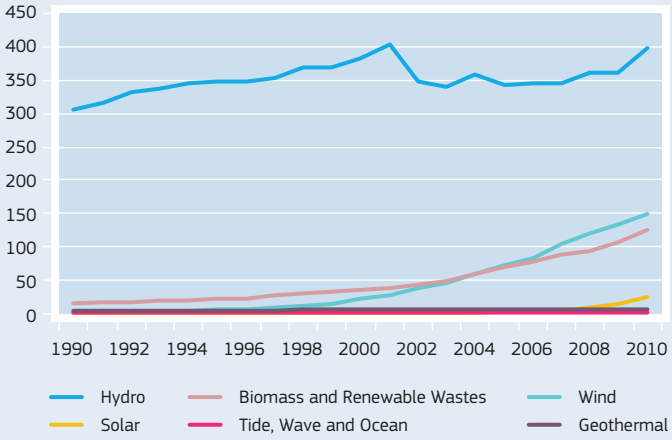
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Electricity Generation

EU-27 – by Fuel – All Fuels (TWh)



EU-27 – by Fuel – Renewables (TWh)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Market Share of the Largest Electricity Producer

Share as %	1999	2000	2005	2008	2009	2010
BE	92.3	91.1	85.0	80.0	77.7	79.1
BG						
CZ	71.0	69.2	72.0	72.9	73.7	73.0
DK	40.0	36.0	33.0	56.0	47.0	46.0
DE	28.1	34.0	31.0	30.0	26.0	28.4
EE	93.0	91.0	92.0	96.5	90.0	89.0
IE	97.0	97.0	71.0	45.6	37.0	34.0
EL						
ES	51.8	42.4	35.0	22.2	32.9	24.0
FR	93.8	90.2	89.1	87.3	87.3	86.5
IT	71.1	46.7	38.6	31.3	29.8	28.0
CY	99.7	99.6	100.0	100.0	100.0	100.0
LV	96.5	95.8	92.7	87.0	87.0	88.0
LT	73.7	72.8	70.3	71.5	70.9	35.4
LU						85.4
HU	38.9	41.3	38.7	42.0	43.1	42.1
MT	100.0	100.0	100.0	100.0	100.0	100.0
NL						
AT	21.4	32.6				
PL	20.8	19.5	18.5	18.9	18.1	17.4
PT	57.8	58.5	53.9	48.5	52.4	47.2
RO			36.4	28.3	29.3	33.6
SI			50.1	53.0	55.0	56.3
SK	83.6	85.1	83.6	71.9	81.7	80.9
FI	26.0	23.3	23.0	24.0	24.5	26.6
SE	52.8	49.5	47.0	45.2	44.0	42.0
UK	21.0	20.6	20.5	15.3	24.5	21.0

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Heat

Gross Heat Generation

Total

PJ (GCV)	1995	2000	2005	2008	2009	2010
EU-27	2 250.8	2 156.3	2 891.2	2 451.0	2 431.7	2 651.6
Index 1995	100%	96%	128%	109%	108%	118%
BE	10.0	23.2	22.4	31.3	32.0	38.3
BG	133.5	50.8	52.1	60.6	60.1	59.4
CZ	175.9	139.2	139.2	129.7	121.6	130.3
DK	118.9	119.2	128.5	127.3	130.6	150.0
DE	416.6	315.9	814.8	479.8	470.5	516.1
EE	31.1	27.0	26.8	25.1	24.7	25.5
IE						
EL		1.2	2.0	1.8	2.1	1.9
ES						
FR	23.0	135.5	174.3	159.3	167.2	153.0
IT			193.1	198.4	180.8	205.3
CY						
LV	46.1	31.9	31.1	26.4	26.3	28.7
LT	66.9	48.2	49.9	46.3	47.3	48.8
LU		0.3	0.9	1.0	1.0	1.2
HU	61.3	69.2	63.6	56.1	53.2	53.0
MT						
NL	107.1	155.1	170.9	137.2	141.2	147.0
AT	39.2	47.9	61.6	67.4	69.5	79.6
PL	420.8	340.7	340.7	312.7	312.2	344.0
PT	1.5	5.6	13.7	13.3	16.1	21.1
RO	287.0	190.8	127.7	100.7	96.7	99.1
SI	8.9	9.4	10.1	9.3	9.1	9.8
SK	42.1	36.8	52.5	39.8	42.2	48.6
FI	97.7	148.6	177.1	185.6	185.7	209.0
SE	163.1	157.9	181.1	177.6	187.2	224.0
UK		102.1	57.2	64.4	54.5	57.7

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Heat Generation

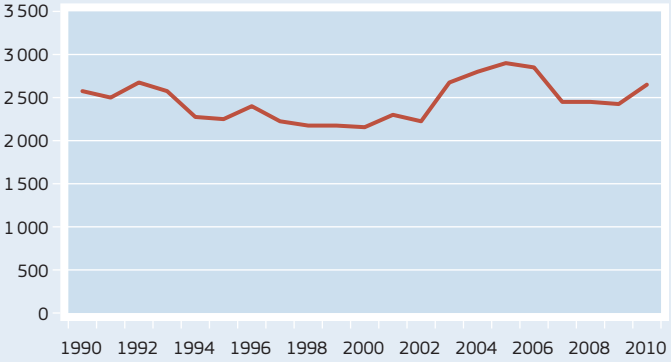
By Fuel

	2010						
PJ (GCV)	Gross Heat Generation	Solid Fuels	Petroleum and Products	Gases	Nuclear	Renewables	Other
EU-27	2 651.6	777.4	188.5	1 139.9	5.0	404.7	134.9
Share (%)	100.0%	29.3%	7.1%	43.0%	0.2%	15.3%	5.1%
BE	38.3		0.5	31.4		2.0	4.4
BG	59.4	21.8	5.3	29.0	0.9	0.1	2.3
CZ	130.3	83.5	1.8	37.7	1.1	3.8	2.5
DK	150.0	36.1	4.5	44.6		52.4	12.4
DE	516.1	169.2	8.1	256.9		42.4	39.5
EE	25.5	5.0	1.8	12.8		6.0	
IE							
EL	1.9	1.9	0.0				
ES							
FR	153.0	10.9	35.3	84.3		11.3	11.3
IT	205.3	1.3	60.3	129.8		11.4	2.6
CY							
LV	28.7	0.4	0.6	23.3		4.3	0.0
LT	48.8	0.2	1.5	30.5		7.9	8.8
LU	1.2		0.0			0.1	
HU	53.0	3.4	0.2	45.1	0.5	3.3	0.5
MT							
NL	147.0	17.2	5.3	112.7		7.3	4.4
AT	79.6	2.6	7.5	35.5		30.4	3.6
PL	344.0	289.5	6.6	33.2		12.2	2.5
PT	21.1		2.9	18.2			
RO	99.1	24.9	9.1	63.7		1.5	0.0
SI	9.8	6.0	0.2	2.6		1.0	
SK	48.6	11.6	6.4	23.6	2.5	4.3	0.2
FI	209.0	69.8	14.2	52.3		66.7	6.1
SE	224.0	15.2	15.0	23.5		136.5	33.8
UK	57.7	7.1	1.6	49.0			

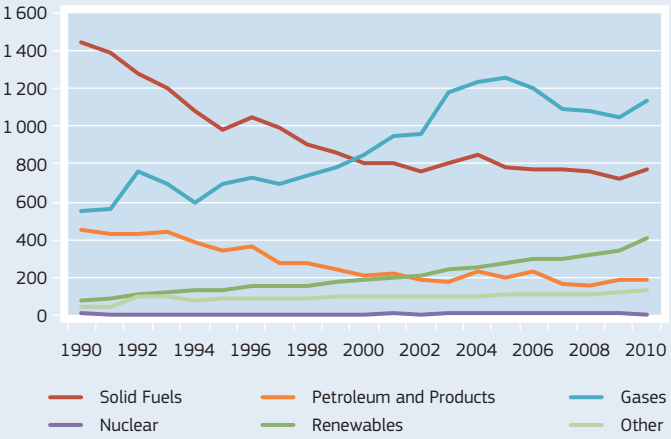
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Gross Heat Generation

EU-27 – All Fuels (PJ (GCV))



EU-27 – by Fuel (PJ (GCV))



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

CHP

CHP Electricity

Generation and Capacity

	CHP Electricity Generation			CHP Electrical Capacity	
	TWh			GW	
	2005	2009	2010	2009	2010
EU-27	365.7	366.6	392.6	100.6	104.9
BE	7.4	13.2	15.2	2.4	2.6
BG	2.7	4.0	3.7	1.3	1.0
CZ	13.9	11.0	12.2	4.8	4.8
DK	18.9	16.5	19.1	5.3	5.8
DE	77.9	77.0	83.2	22.5	22.5
EE	1.0	0.8	1.3	0.4	0.4
IE	0.6	1.8	1.9	0.3	0.3
EL	1.0	1.8	2.5	0.5	0.6
ES	22.9	22.0	22.4	3.7	3.4
FR	23.2	23.4	15.7	5.7	4.6
IT	27.4	29.9	34.7	7.7	7.4
CY	0.0	0.0	0.1	0.0	0.0
LV	1.5	1.1	3.0	0.3	0.9
LT	2.3	2.1	2.0	1.1	1.1
LU	0.4	0.4	0.4	0.1	0.1
HU	6.8	7.4	7.3	0.2	1.9
MT					
NL	29.5	36.4	39.2	9.3	9.3
AT	10.1	9.1	11.0	2.9	3.2
PL	26.3	26.1	27.7	8.6	8.7
PT	5.4	5.5	6.4	1.3	1.3
RO	15.6	6.3	6.5	4.5	4.6
SI	1.1	1.0	1.1	0.3	0.3
SK	4.8	5.0	4.4	1.6	2.8
FI	27.5	25.8	29.2	5.8	6.2
SE	10.7	14.3	18.5	4.5	5.1
UK	27.2	24.5	23.6	5.7	6.1

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

CHP Electricity

CHP Share in Total Electricity Generation

Share as %	2005	2006	2007	2008	2009	2010
EU-27	11.1	10.9	10.9	11.0	11.4	11.7
BE	8.5	8.7	12.5	12.5	14.5	16.0
BG	6.1	6.0	9.4	10.0	9.4	8.0
CZ	16.8	15.1	13.0	14.2	13.4	14.2
DK	52.1	40.7	42.8	46.1	45.3	49.2
DE	12.6	12.5	12.2	12.5	13.0	13.2
EE	10.2	10.7	7.1	8.6	9.2	10.3
IE	2.4	5.6	6.3	6.2	6.3	6.7
EL	1.7	1.7	1.6	1.9	3.0	4.3
ES	7.8	7.2	7.1	7.0	7.5	7.4
FR	4.0	3.2	3.2	3.1	4.3	2.8
IT	9.0	9.8	10.3	9.5	10.2	11.5
CY	0.3	0.3	0.3	0.3	0.4	1.0
LV	30.7	42.6	40.9	33.6	19.7	45.0
LT	15.5	14.3	13.2	12.7	13.9	34.6
LU	10.1	10.9	9.9	11.9	10.1	9.6
HU	19.1	22.4	21.4	21.1	20.5	19.6
MT						
NL	29.4	29.9	30.1	33.6	32.1	33.2
AT	15.4	16.1	15.6	15.3	13.2	15.4
PL	16.8	16.0	17.3	16.9	17.2	17.6
PT	11.6	11.6	12.3	11.9	11.0	11.8
RO	26.2	18.0	10.7	9.6	10.8	10.8
SI	7.3	7.4	7.2	6.7	6.2	6.9
SK	15.3	27.6	25.6	24.0	19.2	15.9
FI	38.9	34.9	34.4	35.6	35.8	36.2
SE	6.7	8.0	8.2	9.6	10.5	12.5
UK	6.8	6.3	6.4	6.4	6.5	6.2

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

CHP Heat

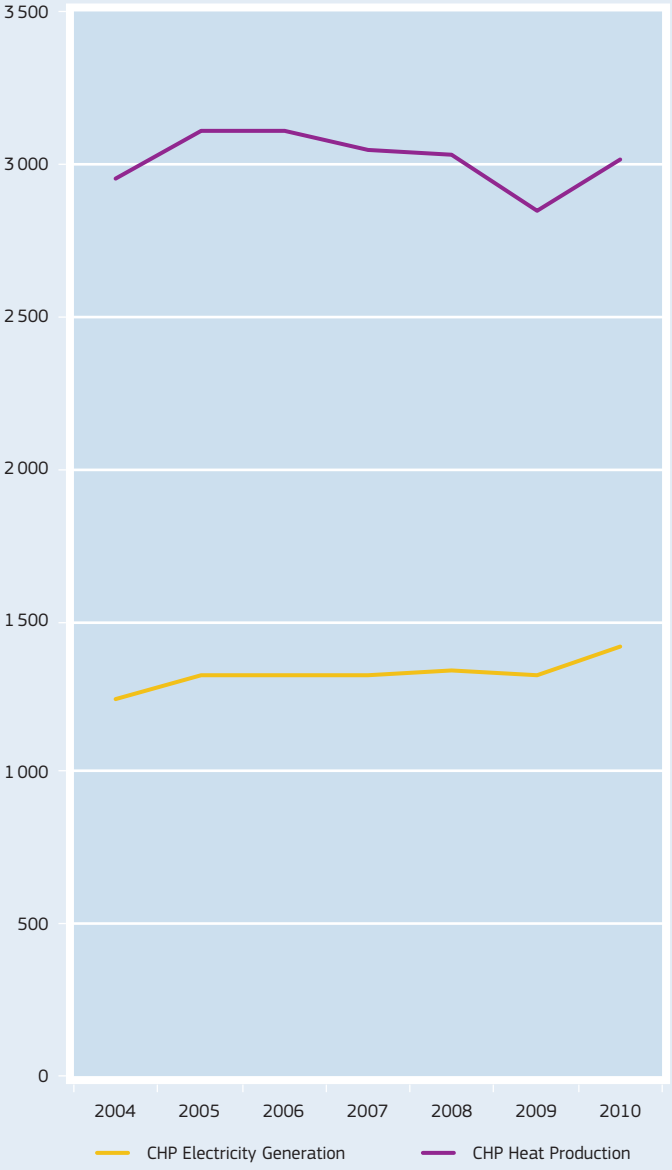
Production and Capacity

	CHP Heat Production			CHP Heat Capacity	
	PJ			GW	
	2005	2009	2010	2009	2010
EU-27	3112.4	2849.5	3023.5	293.1	264.5
BE	75.9			4.9	4.8
BG	50.4	44.5	40.4	5.8	3.9
CZ	150.7	119.9	135.7	19.0	20.5
DK	119.0	109.8	124.7	10.3	10.2
DE	652.5	628.7	675.8	50.1	63.9
EE	11.5	11.5	12.3	1.5	1.5
IE	4.4	10.9	12.0	0.7	0.7
EL	9.7	10.8	12.7	0.8	1.0
ES	192.5	172.7	153.3	10.8	10.3
FR	209.2	197.4	173.9	14.9	13.3
IT	193.1	180.8	202.5	57.9	13.9
CY	0.1	0.1	0.1	0.0	0.0
LV	11.9	4.9	10.4	0.4	0.8
LT	19.9	16.5	19.3	2.4	2.5
LU	1.2	3.8	3.2		
HU	47.4	42.6	42.2	3.4	3.4
MT					
NL	220.3	223.0	233.6	19.2	18.6
AT	95.8	98.4	110.6	8.8	8.6
PL	275.4	258.4	277.1	24.8	24.8
PT	59.6	61.0	67.2	5.0	4.8
RO	95.4	66.3	69.0	10.3	10.8
SI	15.0	11.2	11.6	0.8	0.8
SK	33.7	18.7	20.1	9.4	9.2
FI	250.0	240.2	272.8	15.7	16.0
SE	132.7	161.4	187.2	8.8	12.3
UK	185.2	155.9	155.5	7.4	7.8

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

CHP Electricity and Heat

EU-27 – CHP Electricity and Heat Generation (PJ (GCV))



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

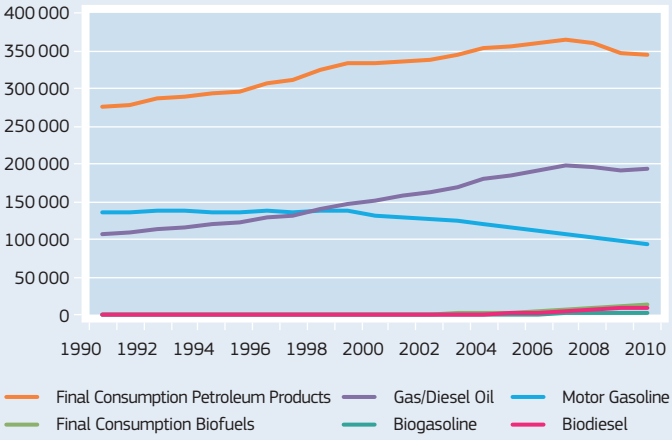
Transport

Final Consumption Petroleum Products

EU-27 – Final Consumption of Petroleum Products in the Transport Sector – by Fuel

ktoe	Final Consumption Petroleum Products	Motor Gasoline	Gas/Diesel Oil	Final Consumption Biofuels	Biogasoline	Biodiesel
1990	275 433	135 464	106 155	6		
1991	277 766	136 137	108 673	6		
1992	286 045	138 445	112 862	17	2	4
1993	289 242	137 912	115 643	43	18	12
1994	292 565	136 501	118 973	121	25	66
1995	296 140	135 675	121 873	216	24	150
1996	306 094	137 066	128 425	317	39	219
1997	311 492	136 529	132 185	423	55	277
1998	323 449	136 792	140 437	393	63	229
1999	332 713	137 400	146 712	449	60	260
2000	333 670	131 494	151 653	705	58	406
2001	336 063	129 216	157 334	821	65	424
2002	338 831	127 291	162 390	1 096	158	426
2003	343 569	123 406	169 253	1 422	241	444
2004	353 406	119 763	179 356	1 976	291	964
2005	355 745	114 546	184 348	3 100	548	1 374
2006	361 004	110 637	191 490	5 495	843	2 320
2007	365 033	106 900	197 567	6 744	1 185	4 251
2008	359 662	101 774	196 459	9 559	1 822	6 839
2009	347 056	98 201	191 039	11 908	2 302	9 105
2010	343 661	92 794	193 841	13 272	2 799	9 937

EU-27 – Final Consumption of Petroleum Products in the Transport Sector – by Fuel (ktoe)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Production of Biofuels

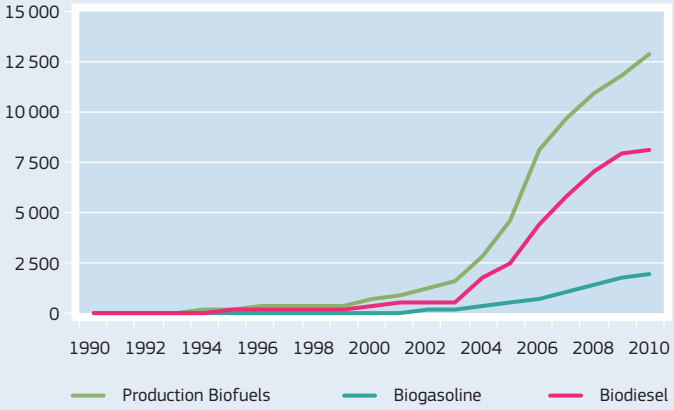
EU-27 – by Fuel

	Production			Share in Transport Fuels		
	Production Biofuels	Biogasoline	Biodiesel	Share of biofuels in transport	of Biogasoline in Motor Gasoline	of Biodiesel in Gas/Diesel Oil
Share of Total	ktoe			%		
1990	6			0.0%		
1991	7			0.0%		
1992	18	2	4	0.0%	0.0%	0.0%
1993	45	18	12	0.0%	0.0%	0.0%
1994	127	25	65	0.0%	0.0%	0.1%
1995	211	24	145	0.1%	0.0%	0.1%
1996	306	39	207	0.1%	0.0%	0.2%
1997	391	53	245	0.2%	0.0%	0.2%
1998	372	63	207	0.1%	0.0%	0.2%
1999	426	58	238	0.2%	0.0%	0.2%
2000	697	59	396	0.2%	0.0%	0.3%
2001	866	70	459	0.3%	0.1%	0.3%
2002	1169	159	491	0.4%	0.1%	0.3%
2003	1569	239	571	0.5%	0.2%	0.3%
2004	2814	266	1763	0.7%	0.2%	0.5%
2005	4587	469	2468	1.0%	0.5%	0.7%
2006	8036	739	4335	1.8%	0.8%	1.2%
2007	9735	1007	5906	2.2%	1.1%	2.1%
2008	10930	1436	7120	3.1%	1.8%	3.4%
2009	11826	1788	7945	4.0%	2.3%	4.5%
2010	12940	2021	8142	4.4%	2.9%	4.9%

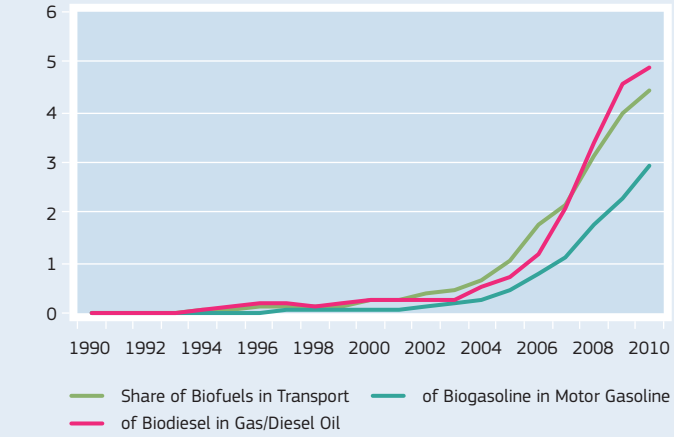
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Production of Biofuels

EU-27 – Production (ktoe)



EU-27 – Share in Transport (%)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

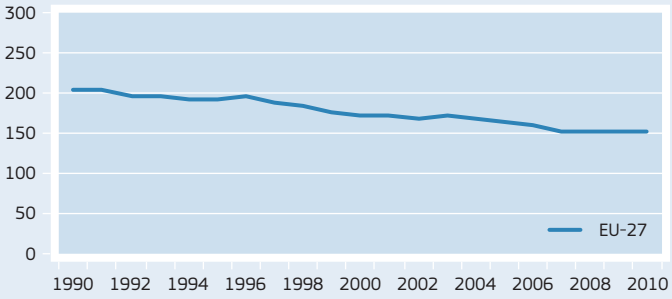
Energy Efficiency

Energy Intensity

All Fuels

toe/M€ '2005	1995	2000	2005	2008	2009	2010
EU-27	191.4	171.3	164.9	152.2	150.5	152.3
Index 1995	100%	89%	86%	80%	79%	80%
BE	222.3	211.2	194.4	184.2	184.8	191.2
BG	1 291.3	1 050.2	863.3	717.3	663.9	671.1
CZ	533.4	481.9	432.7	370.8	364.0	374.6
DK	119.8	101.6	95.3	89.5	96.9	93.7
DE	173.8	159.1	155.5	142.4	142.9	141.9
EE	967.6	627.3	497.4	460.5	484.3	545.9
IE	136.5	110.9	93.2	90.7	91.3	92.8
EL	178.5	178.5	162.6	152.0	151.4	147.5
ES	161.3	160.1	158.7	143.7	137.1	137.0
FR	173.8	162.5	161.0	151.1	148.5	151.2
IT	130.9	128.5	131.2	123.1	121.9	123.6
CY	207.5	206.2	185.2	186.6	185.4	177.6
LV	684.7	429.7	346.8	301.5	345.4	363.3
LT	754.5	496.7	419.2	366.5	392.0	311.1
LU	175.8	142.9	158.8	135.9	135.0	140.3
HU	419.7	349.5	312.1	287.7	292.0	295.5
MT	203.8	173.6	201.4	179.3	172.2	170.3
NL	185.8	159.2	160.7	149.5	150.6	157.8
AT	141.4	129.3	140.3	128.4	126.3	131.6
PL	619.8	427.7	380.8	339.7	321.9	330.4
PT	171.7	169.6	177.6	157.4	160.3	154.5
RO	759.4	609.5	493.0	412.2	386.8	395.5
SI	311.7	267.2	254.1	230.5	229.5	231.4
SK	700.4	593.4	496.1	377.8	362.8	371.3
FI	270.3	238.1	222.7	209.1	215.8	224.0
SE	228.9	182.4	173.4	156.4	150.7	159.4
UK	166.6	145.6	127.2	113.9	112.9	113.1

All Fuels (toe/M€ '2005)



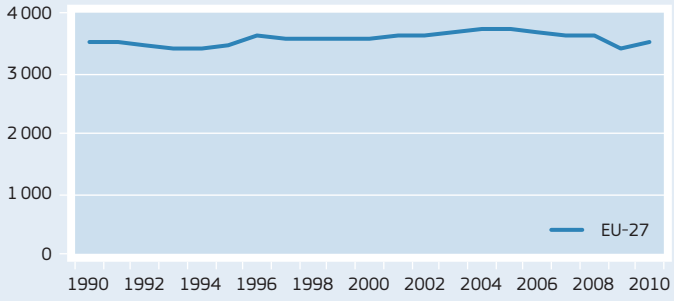
Source: Eurostat, April 2012. DG ECFIN, May 2012
Methodology and Notes: See Appendix 6 – No 2

Energy per Capita

All Fuels

kgoe/cap	1995	2000	2005	2008	2009	2010
EU-27	3484.8	3571.1	3707.4	3610.0	3404.5	3506.8
Index 1995	100%	102%	106%	104%	98%	101%
BE	5340.5	5779.1	5631.2	5568.2	5385.5	5651.3
BG	2784.9	2289.7	2601.0	2634.7	2316.4	2366.7
CZ	4036.3	4017.2	4424.0	4339.9	4035.7	4256.9
DK	3877.5	3708.3	3648.0	3521.2	3569.3	3483.8
DE	4190.1	4180.9	4195.7	4175.2	3987.1	4110.9
EE	3691.3	3618.3	4127.5	4377.7	3948.8	4552.9
IE	3048.6	3745.7	3662.2	3586.6	3338.6	3373.9
EL	2244.4	2589.0	2826.7	2833.9	2720.5	2550.6
ES	2593.5	3078.7	3325.9	3113.4	2837.9	2826.5
FR	4059.9	4245.8	4393.2	4239.4	4030.6	4141.6
IT	2866.5	3087.3	3216.7	3036.0	2824.0	2901.9
CY	3073.1	3448.3	3322.8	3625.8	3505.1	3380.0
LV	1860.9	1576.9	1949.1	2026.9	1919.7	2099.2
LT	2402.5	2045.9	2574.5	2787.8	2553.5	2088.4
LU	8111.0	8313.5	10348.5	9509.6	8782.5	9198.0
HU	2543.4	2477.7	2746.5	2670.2	2529.7	2597.8
MT	1988.2	2048.4	2401.2	2338.3	2175.9	2190.3
NL	4738.9	4809.1	5057.7	5105.3	4938.4	5232.6
AT	3437.4	3642.2	4182.0	4118.6	3883.8	4127.2
PL	2612.6	2347.8	2439.0	2597.5	2498.4	2663.3
PT	2058.9	2455.2	2597.5	2373.0	2344.5	2291.3
RO	2081.9	1641.7	1819.6	1883.1	1653.8	1666.2
SI	3048.7	3229.9	3648.9	3837.9	3482.0	3545.5
SK	3346.8	3328.7	3544.3	3405.4	3102.3	3300.5
FI	5785.9	6359.3	6682.4	6834.9	6431.9	6894.5
SE	5699.7	5371.9	5729.7	5421.3	4917.8	5475.8
UK	3824.0	3935.2	3874.8	3571.3	3364.4	3419.5

All Fuels (kgoe/cap)



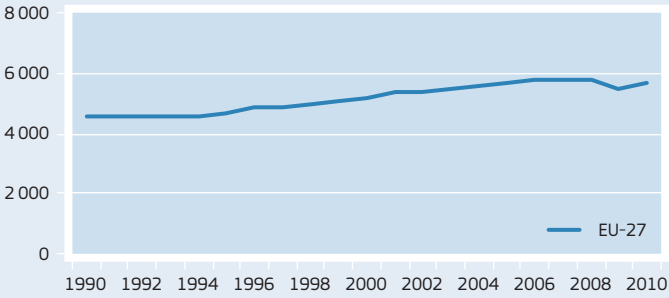
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Final Electricity per Capita

All Fuels

KWh/cap	1995	2000	2005	2008	2009	2010
EU-27	4699.9	5215.0	5629.1	5737.8	5420.6	5655.2
Index 1995	100%	111%	120%	122%	115%	120%
BE	6752.3	7568.0	7657.2	7721.9	7159.9	7655.2
BG	3412.9	2968.3	3331.6	3759.2	3539.4	3597.3
CZ	4654.3	4807.1	5402.6	5564.9	5234.1	5439.9
DK	5904.8	6079.8	6175.3	6030.0	5685.1	5781.6
DE	5525.4	5882.3	6317.4	6399.8	6052.8	6469.9
EE	3163.5	3637.5	4482.4	5223.4	4961.2	5145.1
IE	4123.8	5333.0	5853.9	6003.9	5588.4	5620.5
EL	3205.4	3952.5	4584.3	5041.0	4849.3	4697.7
ES	3577.5	4680.6	5581.4	5894.1	5508.1	5655.8
FR	5770.1	6338.5	6715.1	6746.5	6480.3	6848.1
IT	4191.7	4793.9	5133.9	5169.7	4818.1	4948.7
CY	3415.3	4317.0	5225.7	5842.9	5938.0	6082.4
LV	1796.7	1886.6	2490.3	2924.8	2706.6	2874.7
LT	1751.1	1770.8	2336.4	2693.5	2506.7	2535.0
LU	12224.1	13236.3	13235.8	13511.6	12294.4	13039.1
HU	2686.0	2883.3	3205.9	3419.6	3307.5	3420.7
MT	3332.5	4018.4	4853.7	4494.5	4124.5	3860.1
NL	5349.4	6141.6	6404.9	6638.9	6290.2	6433.0
AT	5877.0	6433.3	7087.8	7356.0	7052.8	7312.2
PL	2343.3	2578.6	2762.4	3086.2	2954.3	3102.9
PT	2871.7	3752.6	4391.0	4551.9	4500.8	4689.9
RO	1603.4	1512.8	1797.0	1944.4	1751.6	1927.9
SI	4698.1	5288.5	6368.4	6333.4	5530.8	5840.4
SK	4051.6	4075.4	4241.6	4581.1	4263.4	4441.6
FI	12768.1	14619.6	15389.7	15533.7	14437.4	15564.4
SE	14111.9	14509.1	14473.8	13953.3	13267.4	13992.0
UK	5079.2	5594.2	5788.6	5573.0	5222.6	5280.0

All Fuels (KWh/cap)



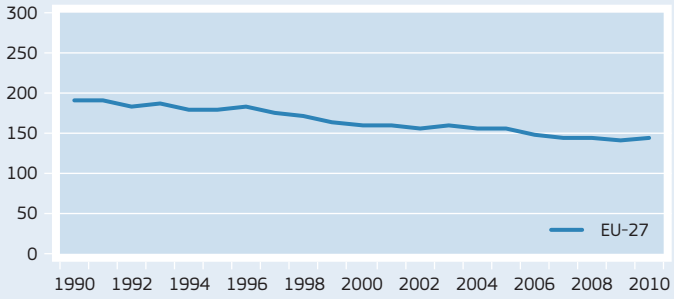
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Primary Energy Efficiency

All Fuels

(toe/M€ '2005)	1995	2000	2005	2008	2009	2010
EU-27	178.9	159.7	154.1	142.3	141.1	142.6
Index 1995	100%	89%	86%	80%	79%	80%
BE	198.4	187.2	169.7	159.1	161.7	167.6
BG	1 223.2	979.2	817.4	677.0	641.7	654.4
CZ	501.2	456.4	404.0	346.2	342.0	351.4
DK	117.9	100.1	93.9	88.3	95.6	92.5
DE	159.9	144.7	141.5	130.2	130.8	129.3
EE	935.7	604.6	481.1	448.1	480.1	542.6
IE	129.7	106.6	91.3	89.0	90.3	91.2
EL	174.9	173.9	158.6	147.5	146.9	141.8
ES	148.9	147.9	149.6	135.9	129.5	129.6
FR	162.4	152.3	152.5	143.5	141.6	144.5
IT	123.1	122.4	125.3	117.1	115.8	116.9
CY	201.0	198.9	180.0	182.2	180.4	172.1
LV	678.4	421.1	339.3	293.8	339.3	357.5
LT	707.3	450.8	380.9	319.9	358.6	278.7
LU	174.6	142.4	158.1	135.5	134.6	139.7
HU	394.1	327.7	287.8	266.1	270.3	273.0
MT			197.2	176.0	170.2	168.5
NL	162.3	137.4	135.4	124.3	123.6	129.7
AT	134.3	121.7	133.3	121.7	119.3	124.5
PL	596.8	407.0	362.2	322.6	306.3	314.9
PT	154.6	153.8	161.4	145.2	150.4	143.5
RO	739.4	578.3	462.5	388.1	366.4	376.5
SI	305.7	257.3	243.3	222.1	222.1	224.7
SK	655.0	539.5	456.5	347.1	332.7	349.8
FI	259.5	230.0	214.2	199.6	205.8	214.4
SE	219.9	175.8	165.7	149.1	145.3	153.2
UK	157.2	138.4	121.1	109.3	108.6	108.8

All Fuels (toe/M€ '2005)



Source: Eurostat, April 2012. DG ECFIN, May 2012
Methodology and Notes: See Appendix 6 – No 2

RES Indicators

RES Share of the Gross Final Energy

Overall RES Share* and RES-H&C – Heating and Cooling

	Overall RES Share*				RES-H&C – Heating and Cooling			
%	2006	2007	2008	2009	2006	2007	2008	2009
EU-27	9.0	9.9	10.5	11.7	10.5	11.7	12.2	13.4
BE	2.7	3.0	3.3	4.6	3.8	3.7	4.1	5.2
BG	9.3	9.1	9.6	11.6	14.9	14.0	15.8	20.8
CZ	6.4	7.4	7.7	8.5	9.6	11.5	11.2	11.9
DK	16.5	18.0	18.7	19.9	24.5	27.8	28.9	30.1
DE	7.1	9.4	9.3	9.8	5.7	8.5	8.4	8.5
EE	16.1	17.1	18.9	22.8	30.7	32.7	35.5	41.3
IE	3.0	3.4	3.8	5.0	3.3	3.6	3.3	3.9
EL	7.2	8.2	8.0	8.2	12.6	14.6	14.5	16.1
ES	9.4	9.9	11.2	13.3	11.4	11.3	12.1	13.4
FR	9.8	10.5	11.4	12.3	12.3	12.9	13.4	15.1
IT	5.6	5.5	7.0	8.9	4.2	4.0	5.9	8.2
CY	2.5	3.1	4.1	4.6	9.3	11.7	12.7	14.6
LV	31.1	29.6	29.8	34.3	42.6	42.4	42.9	47.9
LT	14.6	14.2	15.3	17.0	25.7	25.5	28.0	29.5
LU	1.4	2.5	2.6	2.7	3.6	3.9	4.2	4.1
HU	5.2	6.0	6.6	7.7	7.6	9.0	8.4	10.4
MT	0.2	0.2	0.2	0.2	4.2	4.2	4.1	2.0
NL	2.7	3.2	3.5	4.1	2.5	2.7	2.9	3.1
AT	25.1	27.2	27.9	29.7	24.4	27.2	27.5	29.6
PL	7.0	7.0	7.9	8.9	10.4	10.6	11.2	12.0
PT	20.8	22.3	23.2	24.5	34.1	35.5	37.6	37.8
RO	17.2	18.4	20.5	22.4	17.7	19.6	23.5	26.7
SI	15.5	15.6	15.0	16.9	18.6	20.4	19.2	20.4
SK	6.6	8.1	8.3	10.3	4.6	6.5	6.3	8.5
FI	29.2	28.9	30.6	30.3	40.1	40.8	42.5	41.7
SE	42.4	43.9	44.9	47.3	58.1	61.1	63.5	64.8
UK	1.5	1.8	2.3	2.9	1.0	1.1	1.4	1.7

* Without Aviation Cap
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

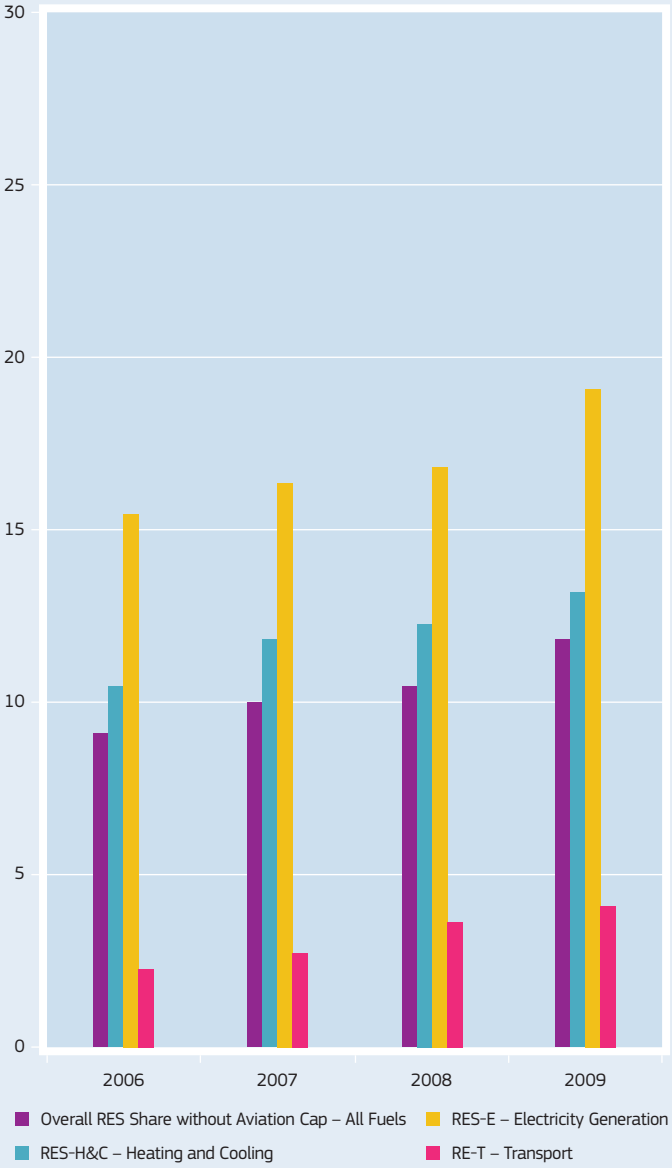
RES Share of the Gross Final Energy

RES-E – Electricity Generation and RE-T – Transport

	RES-E – Electricity Generation				RE-T – Transport			
%	2006	2007	2008	2009	2006	2007	2008	2009
EU-27	15.3	16.2	16.9	19.1	2.1	2.8	3.6	4.2
BE	3.1	3.6	4.6	6.2	0.2	1.3	1.3	3.3
BG	8.7	8.9	9.5	10.6	0.3	0.3	0.4	0.6
CZ	4.1	4.6	5.2	6.3	0.8	1.0	2.3	3.4
DK	24.1	25.2	26.1	28.2	0.3	0.3	0.3	0.4
DE	11.5	13.8	14.8	17.7	6.4	7.2	6.2	5.7
EE	1.3	1.3	1.9	5.8	0.2	0.2	0.2	0.2
IE	8.7	10.0	10.9	13.5	0.1	0.4	1.2	1.9
EL	8.9	9.3	9.6	10.5	0.7	1.2	1.0	1.1
ES	20.8	22.6	24.6	28.8	0.7	1.2	2.0	3.5
FR	14.7	14.9	14.8	15.5	2.0	3.5	5.6	6.0
IT	15.9	16.0	16.6	18.8	0.9	0.9	2.4	3.8
CY	0.0	0.1	0.3	0.6	0.1		1.9	2.0
LV	40.4	38.6	38.7	42.0	1.1	0.8	0.9	1.2
LT	4.0	4.7	4.9	5.9	1.7	3.6	4.1	4.2
LU	3.2	3.3	3.6	4.1	0.1	2.1	2.1	2.1
HU	3.5	4.2	5.3	7.0	0.6	1.0	4.1	3.1
MT								
NL	6.6	6.0	7.5	9.1	0.5	2.9	2.6	4.2
AT	60.5	63.0	63.2	66.7	4.3	5.3	6.1	6.5
PL	3.1	3.5	4.4	5.9	1.0	0.9	3.5	4.8
PT	30.0	32.7	34.6	38.4	1.3	2.3	2.2	3.6
RO	28.0	28.1	28.0	30.7	0.8	1.7	1.7	1.6
SI	28.2	27.7	30.0	33.8	0.4	1.0	1.4	1.9
SK	15.9	16.4	17.1	17.8	2.7	4.6	6.0	8.6
FI	26.4	25.4	27.2	27.2	0.4	0.4	2.1	2.3
SE	51.8	53.2	53.6	58.2	4.9	5.9	6.6	7.3
UK	4.5	4.8	5.4	6.6	0.6	1.1	2.2	2.7

Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

RES Share of the Gross Final Energy (%)



Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

Energy Prices and Taxes

Prices of Transport Fuels

Automotive Diesel Oil Prices (All Taxes Included)

Current Prices in € per litre	2002	2005	2009	2010	2011	2012*
EU-27**		1.03	1.01	1.17	1.37	1.50
BE	0.73	0.99	0.95	1.14	1.37	1.47
BG			0.84	0.98	1.17	1.26
CZ		0.93	0.99	1.21	1.39	1.47
DK	0.83	1.02	1.05	1.21	1.41	1.51
DE	0.84	1.06	1.07	1.20	1.38	1.50
EE		0.80	0.91	1.10	1.27	1.39
IE	0.78	1.03	1.02	1.22	1.41	1.52
EL	0.62	0.89	0.97	1.24	1.47	1.56
ES	0.69	0.90	0.91	1.07	1.27	1.36
FR	0.77	1.02	1.00	1.14	1.33	1.43
IT	0.86	1.11	1.08	1.21	1.44	1.71
CY		0.84	0.83	1.00	1.25	1.35
LV		0.80	0.92	1.06	1.27	1.39
LT		0.82	0.89	1.02	1.23	1.34
LU	0.63	0.84	0.85	0.99	1.17	1.27
HU		1.02	0.96	1.16	1.36	1.50
MT		0.88	0.96	1.04	1.30	1.36
NL	0.79	1.02	1.00	1.15	1.35	1.44
AT	0.72	0.95	0.97	1.10	1.33	1.42
PL		0.92	0.84	1.06	1.22	1.36
PT	0.67	0.93	1.00	1.15	1.37	1.46
RO			0.83	1.03	1.24	1.32
SI		0.91	1.01	1.15	1.24	1.33
SK		0.97	1.10	1.11	1.34	1.45
FI	0.79	0.97	0.99	1.13	1.37	1.57
SE	0.83	1.08	1.04	1.25	1.51	1.64
UK	1.20	1.33	1.17	1.39	1.60	1.74

* Average of the First 4 Months of 2012 ** EU-25 Prices in 2005
Source: DG ENER, Member States Communication
Methodology and Notes: See Appendix 6 – No 2

Prices of Transport Fuels

Euro Super 95 Prices (All Taxes Included)

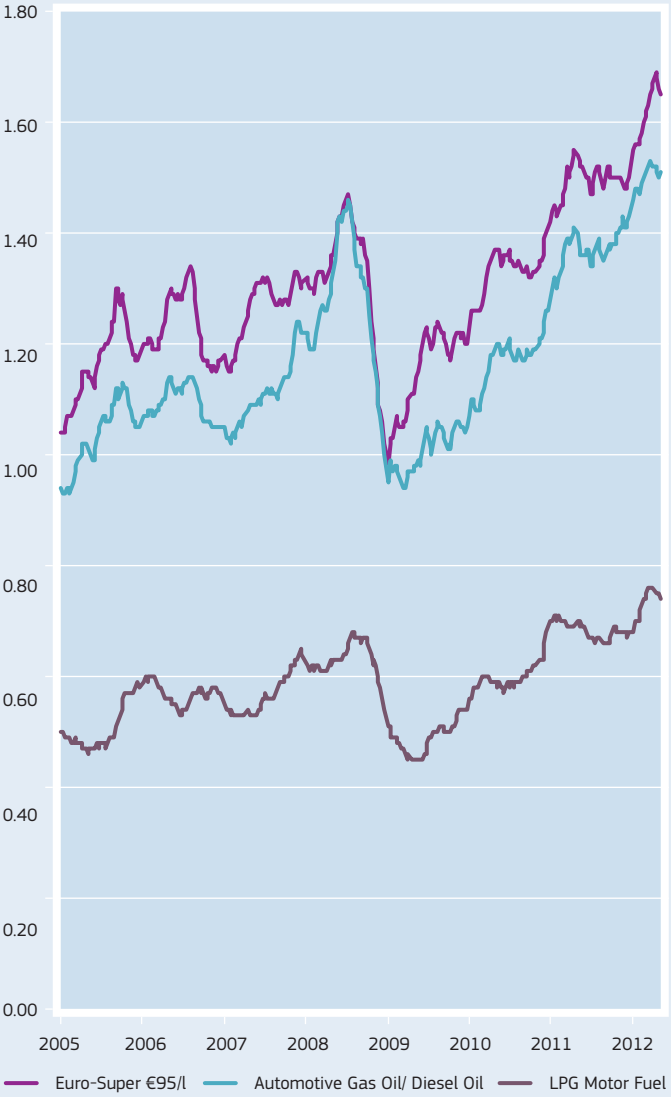
Current Prices in € per litre	2002	2005	2009	2010	2011	2012*
EU-27**		1.17	1.16	1.33	1.49	1.62
BE	0.98	1.22	1.24	1.40	1.54	1.66
BG			0.88	1.02	1.17	1.27
CZ		0.95	1.03	1.25	1.41	1.47
DK	1.09	1.21	1.28	1.44	1.61	1.72
DE	1.05	1.22	1.26	1.39	1.53	1.65
EE		0.80	0.92	1.11	1.24	1.37
IE	0.86	1.05	1.11	1.30	1.48	1.54
EL	0.74	0.89	1.00	1.43	1.67	1.77
ES	0.81	0.96	1.01	1.16	1.32	1.43
FR	1.01	1.16	1.21	1.34	1.50	1.60
IT	1.05	1.22	1.23	1.36	1.55	1.78
CY		0.86	0.88	1.04	1.21	1.32
LV		0.81	0.96	1.09	1.28	1.42
LT		0.83	1.02	1.18	1.32	1.40
LU	0.77	1.02	1.03	1.16	1.29	1.40
HU		1.05	1.00	1.22	1.37	1.47
MT		0.94	1.12	1.19	1.38	1.45
NL	1.14	1.35	1.35	1.49	1.64	1.75
AT	0.87	1.03	1.04	1.19	1.36	1.45
PL		1.00	0.96	1.13	1.24	1.35
PT	0.92	1.14	1.23	1.37	1.54	1.66
RO			0.84	1.06	1.23	1.27
SI		0.92	1.05	1.20	1.29	1.45
SK		0.96	1.11	1.25	1.44	1.53
FI	1.08	1.22	1.28	1.43	1.56	1.66
SE	1.01	1.18	1.12	1.34	1.54	1.69
UK	1.17	1.27	1.12	1.36	1.54	1.66

* Average of the First 4 Months of 2012 ** EU-25 Prices in 2005
Source: DG ENER, Member States Communication
Methodology and Notes: See Appendix 6 – No 2

Prices of Transport Fuels

EU Weighted Average*

Consumer Prices of Petroleum and Products (in € per litre)



*EU Weighted Average – All Taxes Included
Source: DG ENER, Member States Communication
Methodology and Notes: See Appendix 6 – No 2

Prices of Fuels to Domestic Consumers

Gas Prices – Domestic Consumers – 2nd Semester

Band D2: 20 GJ < Consumption < 200 GJ (All Taxes Included)

€/GJ (GCV) 2nd Semester	2007	2008	2009	2010	2011
EU-27	14.43	17.45	14.75	15.86	18.16
BE	13.89	20.24	14.33	16.78	20.31
BG	8.98	10.86	9.67	11.98	13.10
CZ	10.06	14.69	13.11	14.35	16.53
DK	36.88	26.57	26.77	30.11	30.14
DE	17.04	21.17	16.35	15.86	17.77
EE	7.30	10.30	10.07	11.14	12.14
IE	16.85	18.05	15.29	14.63	17.17
EL					
ES	16.15	18.14	14.88	15.00	15.00
FR	14.32	16.06	16.20	15.98	17.95
IT	17.15	19.99	14.84	21.86	24.32
CY					
LV	8.65	13.88	10.52	11.28	12.69
LT	6.52	10.63	11.29	12.59	14.99
LU	10.12	14.28	12.82	13.13	15.24
HU	10.62	12.93	13.23	15.38	15.82
MT					
NL	19.14	21.03	18.67	19.84	24.54
AT	16.95	17.11	17.23	16.71	20.03
PL	11.15	14.30	12.78	14.04	13.90
PT	18.13	17.48	16.52	17.49	20.51
RO	9.51	9.33	7.45	7.73	7.68
SI	14.14	19.77	14.96	18.68	22.01
SK	11.51	12.92	13.21	12.39	14.21
FI					
SE	24.80	28.22	26.12	29.48	32.37
UK	9.91	13.29	11.84	11.72	14.53

Source: Eurostat, May 2012
Methodology and Notes: See Appendix 6 – No 2

Prices of Fuels to Domestic Consumers

Electricity Prices – Domestic Consumers – 2nd Semester

Band DC: 2 500 KWh < Consumption < 5 000 KWh (All Taxes Included)

€/100 KWh 2nd Semester	2007	2008	2009	2010	2011
EU-27	15.63	16.67	16.37	17.28	18.36
BE	16.83	21.52	18.64	19.74	21.19
BG	7.21	8.23	8.18	8.30	8.74
CZ	10.63	12.99	13.94	13.92	14.66
DK	24.01	27.85	25.53	27.08	29.75
DE	21.05	21.95	22.94	24.38	25.31
EE	7.86	8.50	9.20	10.04	10.42
IE	19.18	20.33	18.55	18.75	20.86
EL	9.84	10.99	10.32	12.11	12.38
ES	14.00	15.57	16.84	18.51	20.88
FR	12.22	12.03	12.07	13.50	14.23
IT		22.27	19.97	19.20	20.84
CY	15.73	20.40	16.42	20.21	24.13
LV	7.29	10.03	10.54	10.48	13.42
LT	8.70	8.65	9.26	12.16	12.21
LU	16.45	16.09	18.82	17.47	16.60
HU	12.96	15.53	16.62	15.74	15.53
MT	9.18	15.36	15.13	17.00	17.00
NL	17.20	17.80	18.41	16.96	17.73
AT	17.40	17.72	19.09	19.30	19.65
PL	13.80	12.95	12.91	13.82	13.51
PT	15.62	15.25	15.94	16.66	18.81
RO	11.41	11.03	9.79	10.52	10.85
SI	11.16	11.56	13.41	14.26	14.92
SK	13.70	15.26	15.60	16.37	17.10
FI	11.49	12.73	12.89	13.70	13.70
SE	16.13	17.46	16.46	19.58	20.44
UK	14.81	16.03	14.07	14.49	15.84

Source: Eurostat, May 2012
Methodology and Notes: See Appendix 6 – No 2

Prices of Fuels to Industrial Consumers

Gas Prices – Industrial Consumers – 2nd Semester

Band I3: 10 000 GJ < Consumption < 100 000 GJ (All Taxes Included)

€/GJ (GCV) 2nd Semester	2007	2008	2009	2010	2011
EU-27	9.92	12.79	9.75	11.14	12.54
BE	9.46	13.04	10.14	9.91	11.17
BG	6.02	8.91	7.15	10.10	10.62
CZ	8.11	13.03	9.00	12.08	11.50
DK	9.18	21.13	16.94	21.93	22.72
DE	12.84	16.43	11.44	14.64	16.45
EE	5.94	10.34	7.66	9.43	10.31
IE	10.86	12.20	8.08	9.66	12.13
EL					
ES	8.21	10.48	8.73	9.54	10.88
FR	10.06	12.84	10.34	11.46	12.39
IT	9.19	12.45	8.62	9.19	10.84
CY					
LV	9.10	12.99	9.30	10.70	11.30
LT	7.98	14.33	9.09	11.37	14.47
LU	9.27	12.04	10.65	12.46	14.61
HU	10.29	14.06	12.57	12.42	15.25
MT					
NL	10.83	12.66	12.31	10.92	11.36
AT					
PL	8.80	11.39	10.20	11.01	10.85
PT	8.61	9.67	7.59	9.82	11.96
RO	9.39	9.24	7.06	7.57	8.53
SI	10.61	15.19	11.54	14.17	17.28
SK	9.45	15.61	10.60	12.16	13.64
FI	8.30	11.40	9.70	11.23	15.72
SE	20.19	23.13	20.48	22.27	26.19
UK	8.42	10.21	6.96	7.43	9.23

Source: Eurostat, May 2012
Methodology and Notes: See Appendix 6 – No 2

Prices of Fuels to Industrial Consumers

Electricity Prices – Industrial Consumers – 2nd Semester

Band IC: 500 MWh < Consumption < 2 000 MWh (All Taxes Included)

€/100 KWh 2nd Semester	2007	2008	2009	2010	2011
EU-27	11.48	12.49	12.52	12.84	13.69
BE	11.49	11.63	13.05	12.76	13.81
BG	6.80	7.82	7.67	7.98	8.00
CZ	11.28	13.35	13.35	12.97	12.99
DK	20.74	22.40	21.36	19.28	23.37
DE	13.53	14.28	15.15	15.62	16.62
EE	6.26	7.11	7.74	8.73	9.02
IE	13.88	16.04	13.27	12.77	14.60
EL	8.63	10.06	10.20	11.39	12.56
ES	11.06	12.38	12.99	12.90	13.64
FR	6.86	7.36	7.74	8.35	8.37
IT		17.04	15.81	16.63	19.18
CY	15.97	20.75	17.15	19.84	24.19
LV	7.02	9.40	10.82	10.96	13.44
LT	8.78	9.90	9.54	12.65	12.56
LU	10.35	10.38	12.28	10.86	10.57
HU	13.54	14.61	16.18	13.12	13.17
MT	12.81	17.00	13.56	18.90	18.90
NL	11.50	12.20	13.17	12.29	12.22
AT	11.28	12.86			
PL	11.04	11.10	11.39	12.04	11.58
PT	8.32	9.46	9.89	9.64	11.46
RO	10.84	11.34	9.90	10.08	10.55
SI	10.92	11.82	11.55	12.06	11.57
SK	12.48	15.33	16.70	14.26	15.13
FI	7.15	8.22	8.33	8.41	9.23
SE	8.19	9.65	8.61	10.50	10.36
UK	12.67	12.79	11.64	11.64	12.53

Source: Eurostat, May 2012
Methodology and Notes: See Appendix 6 – No 2

Taxation of Petroleum Products

Indirect Taxes(1) and VAT

	Indirect Taxes €/litre			VAT %			
	Euro Super 95**	Automotive Gas Oil**	Heating Gas Oil**	Euro Super 95 & Automotive Gas Oil**	Heating Gasoil**	Electricity – Non-Business Use*	Natural Gas*
BE	0.614	0.428	0.018	21.0	21.0	21.0	21.0
BG	0.363	0.322	0.026	20.0	20.0	20.0	20.0
CZ	0.516	0.440	0.096	20.0	20.0	20.0	20.0
DK	0.582	0.399	0.345	25.0	25.0	25.0	25.0
DE	0.655	0.470	0.061	19.0	19.0	19.0	19.0
EE	0.423	0.393	0.111	20.0	20.0	20.0	20.0
IE	0.608	0.499	0.109	23.0	13.5	13.5	13.5
EL	0.685	0.427	0.072	23.0	23.0	13.0	13.0
ES	0.453	0.358	0.086	18.0	18.0	18.0	18.0
FR	0.613	0.440	0.057	19.6	19.6	19.6	19.6
IT	0.704	0.593	0.403	21.0	21.0	21.0	10.0
CY	0.370	0.341	0.135	17.0	17.0	17.0	17.0
LV	0.432	0.349	0.021	22.0	22.0	22.0	22.0
LT	0.434	0.302	0.021	21.0	21.0	21.0	21.0
LU	0.462	0.330	0.010	15.0	12.0	6.0	6.0
HU	0.430	0.396	0.396	27.0	27.0	27.0	27.0
MT	0.469	0.382	0.142	18.0	18.0	18.0	18.0
NL	0.736	0.437	0.265	19.0	19.0	19.0	19.0
AT	0.526	0.437	0.109	20.0	20.0	20.0	20.0
PL	0.399	0.347	0.056	23.0	23.0	23.0	23.0
PT	0.584	0.366	0.292	23.0	23.0	23.0	23.0
RO	0.351	0.308	0.308	24.0	24.0	24.0	24.0
SI	0.495	0.364	0.138	20.0	20.0	20.0	20.0
SK	0.570	0.406		20.0		20.0	20.0
FI	0.624	0.463	0.161	23.0	23.0	23.0	23.0
SE	0.634	0.523	0.439	25.0	25.0	25.0	25.0
UK	0.713	0.713	0.137	20.0	5.0	5.0	5.0

(1) Indirect Taxes: Excise Duties and Other Indirect Taxes
Source: * DG TAXUD, Excise Duties, May 2012 ** DG ENER, Oil Bulletin, May 2012
Methodology and Notes: See Appendix 6 – No 2

PART 3

Environment Indicators in the EU

Summary

Gases Emissions

Total EU-27 Greenhouse Gases Emissions

Total

Million ton CO_2 or equiv.	1995	2000	2005	2008	2009
EU-27	5 429	5 335	5 445	5 289	4 907
Index 1995	100%	98%	100%	97%	90%
BE	165.9	166.1	171.2	170.5	151.6
BG	82.8	63.8	68.0	70.1	60.7
CZ	154.1	147.9	145.7	142.3	134.0
DK	82.6	74.5	68.6	69.2	64.8
DE	1 141.8	1 068.8	1 031.1	1 016.6	953.7
EE	20.6	18.2	19.7	21.0	17.7
IE	60.0	70.1	72.0	70.8	64.9
EL	123.0	140.0	145.9	141.5	133.5
ES	332.2	409.2	471.5	446.6	408.1
FR	577.4	590.6	593.5	564.8	541.2
IT	539.7	564.0	591.1	560.4	507.5
CY	7.7	10.6	11.1	11.5	10.5
LV	13.3	10.4	12.5	12.9	11.9
LT	22.4	19.5	23.2	24.6	22.1
LU	10.7	10.7	14.5	13.6	13.0
HU	78.7	77.4	80.2	73.9	67.4
MT	2.5	2.6	5.1	6.0	6.5
NL	266.4	265.8	276.3	265.4	255.0
AT	81.2	82.2	94.9	89.2	82.0
PL	442.0	391.4	390.0	398.2	378.9
PT	72.2	84.9	89.8	82.5	78.8
RO	188.5	142.6	156.2	154.5	131.8
SI	18.5	18.9	20.3	21.6	19.5
SK	53.4	49.2	50.2	48.3	43.6
FI	72.8	72.3	71.5	73.6	68.7
SE	79.3	75.7	76.3	73.1	69.4
UK	739.1	707.6	694.9	666.4	610.1

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

GHGs Emissions

By Sector

Million ton CO_2 or equiv.	2009							
	Fuel Combustion	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Combustion and Fugitive Emissions
EU-27	3 660	1 412	532	932	171	445	77	90
Share (%)	74.6%	28.8%	10.8%	19.0%	3.5%	9.1%	1.6%	1.8%
BE	102.2	26.6	19.4	26.7	6.5	20.3	2.2	0.6
BG	45.1	29.7	3.6	8.2	0.4	1.0	0.5	1.7
CZ	109.8	59.0	15.7	18.5	3.2	7.3	0.2	5.9
DK	48.2	24.0	4.0	13.3	1.0	3.2	2.2	0.5
DE	760.1	343.7	102.7	153.3	37.7	103.4	6.1	13.2
EE	14.4	10.8	0.6	2.2	0.1	0.2	0.2	0.4
IE	41.5	13.1	4.5	13.1	2.5	7.5	0.7	0.0
EL	100.4	54.8	7.5	25.7	1.2	7.5	2.2	1.5
ES	283.2	89.9	58.8	94.5	8.1	18.2	10.4	3.3
FR	360.7	60.6	63.7	130.6	29.3	60.7	10.8	5.0
IT	406.7	133.0	57.8	119.3	27.8	52.3	8.6	8.1
CY	7.4	4.0	0.7	2.3	0.1	0.2	0.1	
LV	7.2	1.9	0.9	2.8	0.5	0.7	0.3	0.1
LT	11.9	4.9	1.0	4.5	0.4	0.7	0.1	0.3
LU	10.3	1.2	1.2	6.1	0.5	1.3	0.1	0.0
HU	50.1	16.3	5.4	12.7	3.7	8.8	1.0	2.2
MT	2.5	1.9	0.1	0.5		0.0	0.0	
NL	166.7	64.6	25.0	34.6	11.5	18.3	10.1	2.6
AT	60.7	12.8	14.4	21.6	2.6	7.7	1.0	0.6
PL	307.1	167.6	30.5	44.4	8.9	34.5	9.4	11.9
PT	53.6	19.7	8.4	18.9	1.9	2.3	1.1	1.4
RO	86.9	39.3	11.9	14.6	2.7	7.1	0.9	10.6
SI	15.9	6.1	1.9	5.3	0.7	1.2	0.2	0.4
SK	28.7	9.8	6.3	6.2	0.8	3.2	0.2	2.1
FI	53.1	25.4	8.3	12.9	1.0	2.3	1.8	1.3
SE	44.5	10.4	8.7	20.3	0.7	1.3	1.8	1.2
UK	480.9	181.5	68.7	119.2	17.6	73.9	4.6	15.4

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

GHGs Emissions

By Sector

Million ton CO_2 or equiv.	2009				
	Industrial Processes and Solvent Use	Agriculture	Waste and Other	International Aviation	International Maritime Transport
EU-27	332	476	147	133	159
Share (%)	6.8%	9.7%	3.0%	2.7%	3.2%
BE	11.7	9.6	1.0	4.4	22.7
BG	3.5	6.2	4.8	0.5	0.7
CZ	11.7	7.9	3.6	1.1	
DK	1.9	9.6	1.3	2.3	1.5
DE	75.1	72.7	11.8	25.2	8.8
EE	0.5	1.3	0.7	0.1	0.7
IE	2.2	17.5	1.2	2.2	0.3
EL	9.5	8.9	3.7	2.6	8.4
ES	29.4	38.7	16.3	12.7	27.9
FR	38.8	95.8	22.0	16.0	8.0
IT	31.8	34.5	18.1	9.0	7.3
CY	0.7	0.7	0.6	0.8	0.2
LV	0.4	2.3	0.9	0.3	0.9
LT	3.7	4.6	1.4	0.1	0.4
LU	0.7	0.7	0.1	1.3	0.0
HU	4.5	8.4	3.7	0.7	
MT	0.0	0.1	0.2	0.0	3.6
NL	10.1	16.7	5.3	10.3	45.9
AT	9.8	7.6	1.9	1.9	0.0
PL	25.2	35.5	8.9	1.4	0.8
PT	5.5	7.8	7.7	2.4	1.8
RO	12.0	25.2	6.7	0.8	0.1
SI	0.9	2.0	0.6	0.1	0.1
SK	9.6	3.0	2.1	0.1	0.0
FI	5.3	5.7	2.2	1.6	0.8
SE	5.3	8.2	1.9	2.0	7.4
UK	22.6	44.8	17.9	33.1	10.7

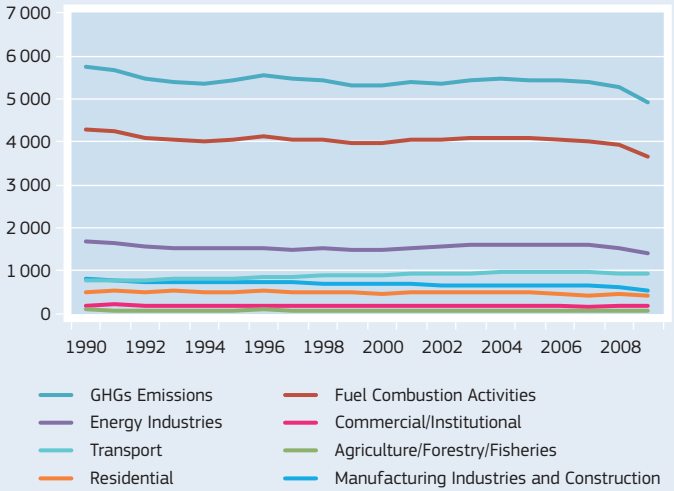
Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

EU-27 GHGs Emissions

By Sector

Million ton CO_2 or equiv.	GHGs Emissions	Fuel Combustion Activities	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries
1990	5 769	4 284	1 688	829	771	208	516	93
1991	5 665	4 249	1 656	791	778	217	548	91
1992	5 482	4 106	1 579	751	802	202	523	88
1993	5 398	4 050	1 519	739	809	191	541	91
1994	5 368	4 002	1 521	738	817	178	508	91
1995	5 429	4 044	1 519	757	832	184	511	91
1996	5 547	4 153	1 548	752	857	202	553	93
1997	5 460	4 051	1 499	745	869	188	520	91
1998	5 427	4 042	1 518	715	897	184	509	87
1999	5 323	3 981	1 475	699	913	182	498	87
2000	5 335	3 984	1 507	700	912	175	482	85
2001	5 400	4 071	1 544	689	926	192	514	86
2002	5 361	4 043	1 565	669	939	182	487	84
2003	5 441	4 116	1 618	669	946	186	500	83
2004	5 463	4 113	1 605	669	965	190	493	83
2005	5 445	4 085	1 592	663	963	186	492	83
2006	5 443	4 073	1 600	661	968	183	479	80
2007	5 391	4 010	1 611	656	975	167	427	77
2008	5 289	3 934	1 535	629	959	179	458	78
2009	4 907	3 660	1 412	532	932	171	445	77

EU-27 – by Sector (Million ton CO_2 or equiv.)



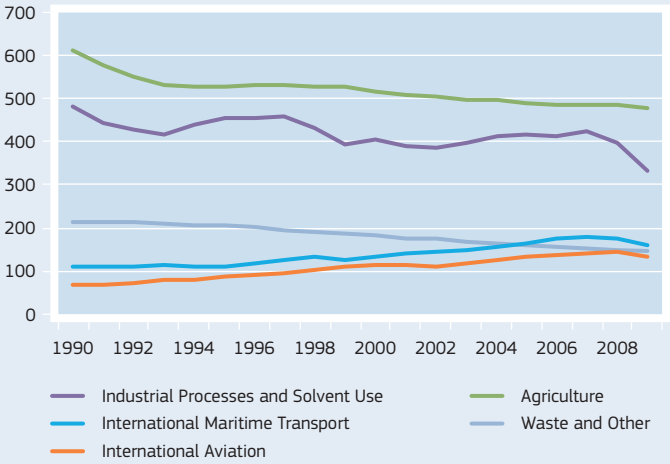
Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

EU-27 GHGs Emissions

By Sector

Million ton CO_2 or equiv.	Industrial Processes and Solvent Use	Agriculture	Waste and Other	International Aviation	International Maritime Transport
1990	480	610	214	69	111
1991	445	579	215	68	110
1992	429	551	212	73	111
1993	416	532	209	78	113
1994	440	528	207	81	110
1995	455	528	205	86	111
1996	453	531	202	90	118
1997	459	532	196	94	127
1998	431	529	192	102	133
1999	394	525	186	109	127
2000	405	515	182	116	133
2001	391	507	176	114	140
2002	386	503	174	112	144
2003	398	496	168	116	148
2004	411	495	162	125	157
2005	416	490	159	132	165
2006	412	487	157	138	177
2007	423	485	152	142	178
2008	399	487	149	143	177
2009	332	476	147	133	159

EU-27 – by Sector (Million ton CO_2 or equiv.)



Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

Total EU-27 CO_2 Gases Emissions

Million ton CO_2 or equiv.	1995	2000	2005	2008	2009
EU-27	4 345	4 358	4 535	4 409	4 055
Index 1995	100%	100%	104%	101%	93%
BE	139.7	145.3	153.4	154.4	135.4
BG	63.9	48.0	53.0	55.3	46.9
CZ	132.0	127.5	125.6	121.5	114.4
DK	67.6	60.0	55.7	56.1	52.1
DE	952.1	917.5	895.0	883.2	822.5
EE	18.0	15.6	17.0	18.1	15.1
IE	36.7	46.9	50.5	50.5	44.9
EL	100.6	117.1	124.8	122.9	115.2
ES	270.9	334.1	401.6	376.2	337.2
FR	410.4	432.5	444.5	416.0	397.2
IT	455.7	475.9	506.1	484.5	433.4
CY	6.4	9.2	9.5	9.8	9.0
LV	9.6	7.1	8.8	9.1	8.2
LT	15.8	12.4	14.8	15.5	13.5
LU	9.7	9.7	13.5	12.6	12.0
HU	61.7	58.9	61.4	56.9	51.1
MT	2.2	2.3	4.8	5.6	6.1
NL	213.7	222.4	241.2	235.9	225.8
AT	65.3	67.7	81.7	76.1	69.5
PL	367.9	322.3	319.7	327.1	312.6
PT	55.3	67.3	71.4	63.9	60.3
RO	130.2	95.8	106.4	105.8	86.8
SI	15.0	15.2	16.7	18.2	16.2
SK	44.9	41.2	41.6	39.3	35.2
FI	59.8	59.9	59.3	61.3	57.8
SE	63.5	60.6	61.8	59.2	55.9
UK	576.5	585.7	595.7	574.3	520.7

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

CO_2 Emissions

By Sector

Million ton CO_2 or equiv.	2009							
	Fuel Combustion	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries	Other Combustion and Fugitive Emissions
EU-27	3 546	1 399	524	921	169	432	73	28
Share (%)	87.4%	34.5%	12.9%	22.7%	4.2%	10.6%	1.8%	0.7%
BE	100.9	26.4	19.2	26.5	6.4	20.1	2.1	0.2
BG	42.9	29.6	3.6	8.1	0.4	0.7	0.5	0.0
CZ	103.4	58.7	15.6	17.8	3.2	6.9	0.2	1.2
DK	47.3	23.7	3.9	13.1	1.0	3.0	2.2	0.4
DE	741.6	338.5	101.8	152.2	37.6	102.4	6.1	3.0
EE	14.0	10.7	0.6	2.1	0.1	0.2	0.2	0.0
IE	40.9	12.9	4.5	13.0	2.5	7.3	0.6	
EL	98.0	54.6	7.4	25.3	1.2	7.4	2.0	0.0
ES	278.1	89.1	57.8	93.5	8.0	17.4	10.3	2.2
FR	353.3	59.8	62.7	128.8	28.9	58.4	10.7	3.9
IT	395.8	132.4	56.4	117.9	27.4	51.0	7.7	3.0
CY	7.3	4.0	0.7	2.2	0.1	0.2	0.1	
LV	6.7	1.9	0.9	2.7	0.5	0.4	0.3	0.0
LT	11.3	4.9	1.0	4.4	0.4	0.6	0.1	0.0
LU	10.1	1.2	1.1	6.0	0.5	1.3	0.1	0.0
HU	47.2	16.2	5.4	12.3	3.7	8.6	1.0	0.1
MT	2.5	1.9	0.1	0.5		0.0	0.0	
NL	163.6	64.2	24.9	34.1	11.4	18.0	9.1	1.8
AT	59.5	12.6	14.3	21.4	2.6	7.4	0.9	0.3
PL	290.6	166.7	30.2	43.8	8.8	32.1	8.8	0.2
PT	51.9	19.5	8.3	18.6	1.8	1.9	1.0	0.7
RO	75.0	39.1	11.8	14.5	2.6	6.0	0.9	0.0
SI	15.3	6.1	1.9	5.2	0.7	1.1	0.2	0.1
SK	27.2	9.8	6.3	6.1	0.8	3.0	0.2	1.0
FI	51.9	25.1	8.2	12.7	1.0	2.1	1.8	1.0
SE	42.8	9.9	8.2	20.2	0.6	1.0	1.6	1.2
UK	467.3	180.0	67.4	117.8	17.5	73.4	4.0	7.2

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

CO_2 Emissions

By Sector

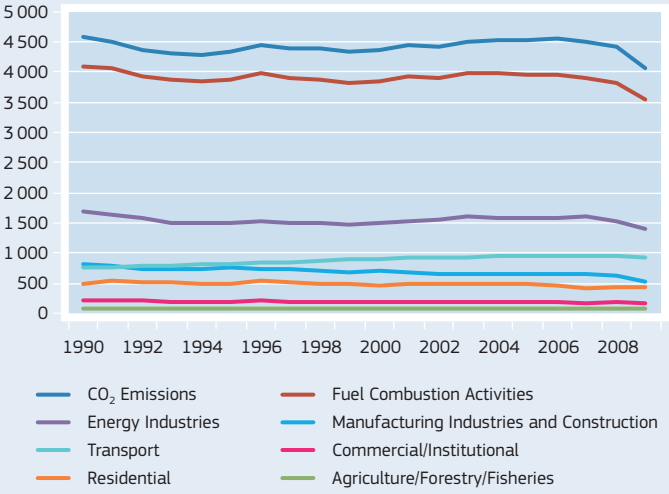
	2009			
Million ton CO_2 or equiv.	Industrial Processes and Solvent Use	Waste and Other	International Aviation	International Maritime Transport
EU-27	216	3	132	158
Share (%)	5.3%	0.1%	3.3%	3.9%
BE	7.4	0.1	4.4	22.7
BG	2.9	0.0	0.5	0.6
CZ	9.7	0.3	1.1	
DK	1.0	0.0	2.3	1.5
DE	47.2		25.0	8.7
EE	0.3		0.1	0.7
IE	1.6		2.2	0.3
EL	6.4	0.0	2.6	8.3
ES	18.8	0.0	12.6	27.7
FR	18.4	1.8	15.8	7.9
IT	21.2	0.2	9.0	7.3
CY	0.7		0.8	0.2
LV	0.3	0.0	0.3	0.9
LT	1.7	0.0	0.1	0.4
LU	0.6		1.3	0.0
HU	3.1	0.1	0.7	
MT	0.0	0.0	0.0	3.6
NL	6.3		10.2	45.8
AT	8.0	0.0	1.9	0.0
PL	19.6	0.2	1.4	0.8
PT	4.2	0.0	2.4	1.8
RO	10.9	0.0	0.8	0.1
SI	0.7	0.0	0.1	0.1
SK	7.9	0.0	0.1	0.0
FI	3.5		1.6	0.8
SE	3.7	0.1	2.0	7.3
UK	9.7	0.3	32.8	10.7

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

EU-27 CO_2 Emissions by Sector

Million ton CO_2 or equiv.	CO_2 Emissions	Fuel Combustion Activities	Energy Industries	Manufacturing Industries and Construction	Transport	Commercial/ Institutional	Residential	Agriculture/ Forestry/ Fisheries
1990	4 574	4 092	1 676	820	759	205	497	89
1991	4 514	4 063	1 643	782	765	215	529	87
1992	4 374	3 928	1 567	743	789	201	505	85
1993	4 315	3 873	1 508	731	796	190	522	88
1994	4 291	3 835	1 510	729	803	176	491	88
1995	4 345	3 874	1 507	748	818	182	493	88
1996	4 457	3 984	1 536	743	842	201	535	89
1997	4 382	3 890	1 488	736	853	186	504	87
1998	4 387	3 888	1 506	707	880	182	494	84
1999	4 326	3 831	1 464	691	898	180	483	84
2000	4 358	3 839	1 496	692	897	173	468	81
2001	4 442	3 929	1 533	681	912	191	501	82
2002	4 419	3 904	1 553	661	925	180	474	81
2003	4 511	3 980	1 605	661	932	185	487	80
2004	4 542	3 982	1 592	661	951	188	479	79
2005	4 535	3 956	1 579	654	950	185	478	79
2006	4 549	3 947	1 586	652	955	182	466	76
2007	4 502	3 889	1 597	647	963	166	414	73
2008	4 409	3 814	1 522	621	946	178	444	74
2009	4 055	3 546	1 399	524	921	169	432	73

EU-27 – by Sector (Million ton CO_2 or equiv.)

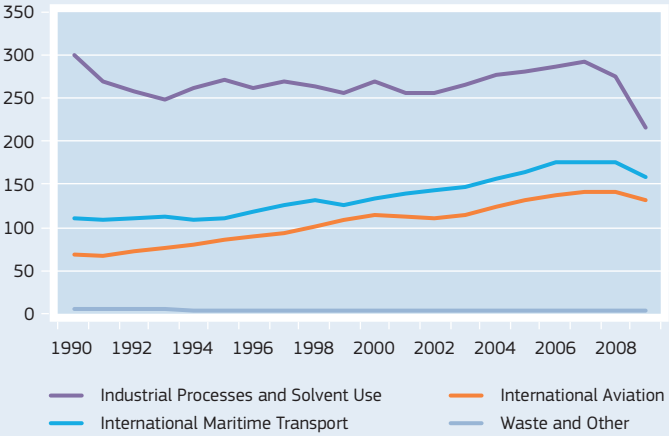


Source: Eurostat, April 2012
Methodology and Notes: See Appendix 6 – No 2

EU-27 CO_2 Emissions by Sector

Million ton CO_2 or equiv.	Industrial Processes and Solvent Use	Waste and Other	International Aviation	International Maritime Transport
1990	299	5	68	110
1991	270	5	67	109
1992	258	5	72	110
1993	248	4	77	112
1994	262	4	80	109
1995	272	4	85	110
1996	262	4	89	117
1997	269	4	93	126
1998	263	4	101	132
1999	256	3	108	127
2000	269	3	115	133
2001	257	3	113	140
2002	257	3	111	143
2003	266	3	115	147
2004	277	3	124	156
2005	281	3	131	164
2006	286	3	136	175
2007	293	3	141	177
2008	275	3	142	176
2009	216	3	132	158

EU-27 – by Sector (Million ton CO_2 or equiv.)



Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

Main Emissions Indicators

CO_2 per Capita

kg CO_2/cap	1995	2000	2005	2008	2009
EU-27	9078	9023	9217	8842	8105
Index 1995	100%	99%	102%	97%	89%
BE	13785.2	14177.2	14641.8	14417.2	12553.1
BG	7602.8	5881.1	6865.0	7258.0	6183.7
CZ	12776.2	12415.8	12268.5	11653.2	10908.4
DK	12922.6	11239.5	10283.8	10208.5	9432.0
DE	11659.8	11163.4	10853.3	10754.4	10045.8
EE	12446.3	11357.0	12607.6	13501.0	11254.9
IE	10199.0	12333.3	12138.8	11375.1	10051.6
EL	9463.5	10721.9	11241.7	10938.5	10213.4
ES	6878.2	8296.5	9253.0	8250.1	7340.8
FR	6907.2	7121.9	7060.6	6485.1	6158.6
IT	8016.1	8357.0	8636.3	8098.1	7200.8
CY	9840.9	13243.6	12550.6	12414.2	11291.2
LV	3859.8	2996.5	3817.5	4032.6	3619.3
LT	4354.1	3539.8	4326.9	4627.0	4045.2
LU	23732.1	22305.7	28939.0	25794.0	24060.9
HU	5975.4	5771.6	6086.5	5668.5	5101.2
MT	5792.4	5951.1	11796.4	13601.2	14856.4
NL	13825.5	13967.9	14780.5	14349.8	13663.6
AT	8215.4	8450.3	9938.1	9133.6	8305.6
PL	9612.2	8425.2	8377.9	8580.6	8193.5
PT	5511.2	6579.9	6769.9	6017.1	5669.4
RO	5742.1	4271.5	4920.3	4919.2	4044.5
SI	7566.0	7664.5	8347.9	9018.6	7934.8
SK	8379.6	7633.8	7720.9	7263.2	6502.8
FI	11706.9	11567.5	11307.6	11545.1	10824.0
SE	7191.7	6831.6	6839.6	6423.1	6010.9
UK	9934.5	9946.8	9889.6	9353.4	8426.5

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

Carbon Intensity

kg CO_2/toe	1995	2000	2005	2008	2009
EU-27	2605	2527	2486	2449	2381
Index 1995	100%	97%	95%	94%	91%
BE	2581.2	2453.2	2600.1	2589.2	2330.9
BG	2730.0	2568.5	2639.3	2754.8	2669.5
CZ	3165.3	3090.7	2773.1	2685.1	2703.0
DK	3332.7	3030.9	2819.0	2899.1	2642.6
DE	2782.7	2670.1	2586.8	2575.8	2519.6
EE	3371.8	3138.7	3054.5	3084.0	2850.2
IE	3345.5	3292.7	3314.6	3171.6	3010.7
EL	4216.5	4141.3	3977.0	3859.9	3754.3
ES	2652.1	2694.8	2782.1	2649.8	2586.7
FR	1701.3	1677.4	1607.2	1529.7	1528.0
IT	2796.4	2706.9	2684.8	2667.3	2549.9
CY	3202.3	3840.7	3777.1	3423.8	3221.4
LV	2074.2	1900.3	1958.5	1989.5	1885.4
LT	1812.3	1730.2	1680.7	1659.8	1584.2
LU	2925.9	2683.1	2796.5	2712.4	2739.6
HU	2349.4	2329.4	2216.1	2122.9	2016.5
MT	2913.5	2905.3	4912.7	5816.6	6827.7
NL	2917.5	2904.4	2922.4	2810.7	2766.8
AT	2390.0	2320.1	2376.4	2217.7	2138.5
PL	3679.1	3588.5	3434.9	3303.4	3279.6
PT	2676.8	2679.9	2606.3	2535.6	2418.2
RO	2758.1	2601.9	2704.1	2612.2	2445.6
SI	2481.7	2373.0	2287.8	2349.9	2278.8
SK	2503.8	2293.4	2178.4	2132.8	2096.2
FI	2023.4	1819.0	1692.1	1689.1	1682.9
SE	1261.8	1271.7	1193.7	1184.8	1222.3
UK	2597.9	2527.6	2552.3	2619.0	2504.6

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

Carbon GDP Intensity

ton CO_2/M€ '2005	1995	2000	2005	2008	2009
EU-27	499	433	410	373	358
Index 1995	100%	87%	82%	75%	72%
BE	573.8	518.2	505.5	477.0	430.7
BG	3 525.1	2 697.5	2 278.5	1 976.1	1 772.2
CZ	1 688.5	1 489.5	1 200.0	995.7	983.8
DK	399.3	307.9	268.7	259.4	256.0
DE	483.6	424.9	402.4	366.8	360.0
EE	3 262.6	1 968.9	1 519.3	1 420.2	1 380.3
IE	456.8	365.2	308.9	287.7	274.9
EL	752.8	739.1	646.6	586.6	568.5
ES	427.8	431.3	441.6	380.7	354.5
FR	295.8	272.6	258.7	231.2	227.0
IT	366.1	347.9	352.4	328.4	310.9
CY	664.4	791.9	699.4	638.7	597.1
LV	1 420.1	816.6	679.3	599.9	651.2
LT	1 367.3	859.5	704.5	608.3	621.0
LU	514.5	383.4	444.2	368.6	369.9
HU	986.0	814.2	691.7	610.8	588.9
MT	593.8	504.3	989.2	1 043.2	1 175.7
NL	542.0	462.5	469.7	420.1	416.8
AT	337.9	300.0	333.3	284.8	270.1
PL	2 280.4	1 535.0	1 308.0	1 122.1	1 055.6
PT	459.7	454.5	462.9	399.0	387.6
RO	2 094.4	1 585.7	1 333.2	1 076.7	946.0
SI	773.6	634.0	581.3	541.6	523.1
SK	1 753.7	1 361.0	1 080.7	805.8	760.5
FI	546.8	433.1	376.8	353.3	363.1
SE	288.9	232.0	207.0	185.3	184.2
UK	432.7	367.9	324.8	298.2	282.7

Source: EEA, April 2012
Methodology and Notes: See Appendix 6 – No 3

PART 4

Country profiles

Summary

European Union 27

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**957.6**	**943.1**	**899.6**	**855.5**	**819.4**	**837.2**
Solid Fuels	279.6	214.6	196.1	177.7	166.2	163.9
of which Hard Coal	174.8	120.7	100.1	84.0	74.8	73.8
Petroleum and Products	172.6	173.5	134.2	116.0	109.9	102.7
of which Crude and NGL	170.4	170.6	129.5	108.2	101.8	94.3
Gases	189.8	208.1	188.8	168.3	153.2	156.3
of which Natural Gas	189.4	207.9	188.7	168.2	153.2	156.2
Nuclear	227.3	243.8	257.5	241.9	230.8	236.6
Renewables	82.6	96.6	115.9	142.0	148.8	166.6
Waste, Non-Renewable	5.6	6.5	7.2	9.4	10.5	11.1
Net Imports	**736.1**	**825.1**	**983.4**	**1 012.8**	**941.1**	**952.3**
Solid Fuels	78.3	97.8	124.6	136.6	110.1	110.2
of which Hard Coal	76.6	93.9	122.1	135.3	110.6	109.7
Petroleum and Products	510.7	532.8	600.4	598.2	557.8	561.0
of which Crude and NGL	471.9	501.5	566.9	568.2	522.0	525.3
Gases	145.3	192.5	257.3	274.7	267.9	275.5
of which Natural Gas	145.3	192.5	257.3	274.7	267.9	275.5
Renewables	0.3	0.3	0.2	1.9	4.1	5.2
Electricity	1.5	1.7	1.0	1.5	1.3	0.3
Gross Inland Consumption	**1 668.1**	**1 724.9**	**1 824.3**	**1 800.3**	**1 703.4**	**1 759.0**
Solid Fuels	364.7	320.8	317.3	305.5	267.9	280.0
of which Hard Coal	257.6	221.2	219.7	211.0	177.0	189.0
Petroleum and Products	651.9	661.2	679.3	657.2	623.2	617.1
of which Crude and NGL	644.5	673.9	696.3	675.2	625.5	620.3
Gases	334.1	393.9	446.0	441.0	417.0	441.8
of which Natural Gas	333.7	393.7	445.9	440.9	416.9	441.7
Nuclear	227.3	243.8	257.5	241.9	230.8	236.6
Renewables	82.9	97.0	116.0	143.8	152.7	172.1
Waste, Non-Renewable	5.6	6.5	7.2	9.4	10.5	11.2
Electricity	1.5	1.7	1.0	1.5	1.3	0.3
Primary Energy Intensity	**1 559.4**	**1 608.5**	**1 704.4**	**1 683.5**	**1 596.2**	**1 646.8**
Final Non-Energy Consumption	**108.7**	**116.4**	**120.0**	**116.9**	**107.2**	**112.2**
Final Energy Consumption	**1 070.7**	**1 120.9**	**1 191.4**	**1 173.7**	**1 112.2**	**1 153.3**
by Fuel/Product						
Solid Fuels	82.4	61.7	54.3	53.4	43.2	49.5
Petroleum and Products	458.9	483.2	499.6	486.0	461.8	456.7
Gases	246.1	265.9	284.2	269.5	252.2	268.6
Solar Energy	0.3	0.4	0.7	1.1	1.2	1.5
Biomass and Renewable Wastes	42.2	46.9	53.0	65.2	68.0	76.1
Geothermal Energy	0.6	0.6	0.6	0.7	0.9	0.9
Waste, Non-Renewable	1.5	1.3	1.5	2.3	2.7	3.0
Electricity	193.4	216.6	238.2	246.0	233.2	243.9
Derived Heat	45.1	44.4	59.3	49.5	48.9	53.1
by Sector						
Industry	328.2	329.7	331.5	312.7	267.8	291.6
Transport	302.7	341.4	366.7	377.6	366.9	365.2
Households	281.7	292.2	303.0	296.9	294.3	307.3
Services	114.0	115.5	135.9	144.1	143.3	152.4
Agriculture	31.0	28.2	27.6	25.6	24.8	25.0
Fishing	1.0	1.0	1.0	1.2	0.9	0.9
Other	12.1	13.0	25.7	15.7	14.2	10.8

Methodology, Sources and Notes: See Appendix 6 – No 4

European Union 27

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW*	**616.5**	**672.7**	**768.6**	**832.8**	**859.6**	**904.1**
Combustible Fuels	352.6	385.8	433.3	458.6	464.2	478.0
Nuclear	128.4	133.1	135.0	133.1	132.5	131.7
Hydro	125.6	130.3	138.8	142.3	143.7	145.1
Gross Electricity Generation - TWh	**2 734.0**	**3 025.2**	**3 310.6**	**3 371.3**	**3 209.1**	**3 345.6**
by Fuel - TWh						
Solid Fuels	945.7	932.1	967.6	897.2	818.1	827.8
Petroleum and Products	227.9	179.6	139.5	105.8	96.6	86.3
Gases	293.1	511.1	693.2	805.7	752.1	789.0
Nuclear	880.8	945.0	997.7	937.2	894.0	916.6
Renewables	376.7	442.9	488.2	585.7	619.7	699.3
by Type - TWh						
Main Activity Electricity only	2 157.5	2 469.7	2 564.5	2 605.4	2 485.7	2 583.1
Main Activity CHP Plants	332.1	350.2	494.4	491.5	474.9	495.2
Autoproducer Electricity only	135.5	80.9	62.6	64.9	61.1	70.8
Autoproducer CHP Plants	108.6	123.8	186.1	188.6	180.8	193.8
Combined Heat and Power						
CHP Electrical Capacity - GW			98.1	100.2	100.6	104.9
CHP Electricity Generation - TWh			365.7	370.1	366.6	392.6
CHP in Electricity Generation - %			11.1%	11.0%	11.4%	11.7%
CHP Heat Production - PJ			3 112.4	3 041.7	2 849.5	3 023.5
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	296 140	333 670	355 745	359 662	347 056	343 661
Motor Gasoline	135 675	131 494	114 546	101 774	98 201	92 794
Gas/Diesel Oil	121 873	151 653	184 348	196 459	191 039	193 841
Final Consumption Biofuels - ktoe	216	705	3 100	9 559	11 908	13 272
Biogasoline	24	58	548	1 822	2 302	2 799
Biodiesel	150	406	1 374	6 839	9 105	9 937
Main Energy Indicators						
Energy Intensity - toe/M€'05	191	171	165	152	151	152
Energy per Capita - kgoe/cap	3 485	3 571	3 707	3 610	3 404	3 507
Final Electricity p/cap - KWh/cap	4 700	5 215	5 629	5 738	5 421	5 655
Primary Efficiency - toe/M€'05	179	160	154	142	141	143
Import Dependency - %	43.2%	46.7%	52.5%	54.6%	53.7%	52.7%
on Solid Fuels	21.5%	30.5%	39.3%	44.7%	41.1%	39.4%
on Hard Coal	29.7%	42.4%	55.6%	64.1%	62.5%	58.1%
on Petroleum Fuels	74.3%	75.7%	82.3%	84.2%	83.1%	84.3%
on Crude and NGL	73.2%	74.4%	81.4%	84.2%	83.5%	84.7%
on Natural Gas	43.5%	48.9%	57.7%	62.3%	64.3%	62.4%
RES of the Gross Final Energy - %						
Overall RES Share				10.5%	11.7%	
RES-H&C - Heating and Cooling				12.2%	13.4%	
RES-E - Electricity Generation				16.9%	19.1%	
RE-T - Transport				3.6%	4.2%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	4 345	4 358	4 535	4 409	4 055	
GHGs Emissions	5 429	5 335	5 445	5 289	4 907	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	9 078	9 023	9 217	8 842	8 105	
Carbon Intensity - kg CO_2/toe	2 605	2 527	2 486	2 449	2 381	
CO_2 GDP Intensity - ton CO_2/M€'05	499	433	410	373	358	

* Does not include EE 95 data, or BG/RO 95/00 – Methodology, Sources and Notes: See Appendix 6 – No 4

Belgium

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**11.8**	**13.6**	**13.7**	**14.7**	**15.6**	**16.4**
Solid Fuels	0.3	0.2	0.1	0.0		
of which Hard Coal	0.3	0.2	0.1	0.0		
Petroleum and Products				0.9	1.1	1.3
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	11.8	12.2	12.4
Renewables	0.4	0.5	0.9	1.4	1.7	2.0
Waste, Non-Renewable	0.4	0.4	0.5	0.7	0.7	0.8
Net Imports	**46.9**	**50.4**	**53.4**	**55.2**	**48.4**	**53.1**
Solid Fuels	9.4	7.2	5.1	4.7	2.5	3.1
of which Hard Coal	8.9	6.6	5.0	4.1	2.6	3.3
Petroleum and Products	26.7	29.5	32.6	34.4	30.5	32.6
of which Crude and NGL	26.5	34.1	31.8	33.8	31.2	33.3
Gases	10.4	13.3	14.8	14.9	15.0	16.8
of which Natural Gas	10.4	13.3	14.8	14.9	15.0	16.8
Renewables	0.1	0.1	0.3	0.4	0.6	0.6
Electricity	0.4	0.4	0.5	0.9	-0.2	0.0
Gross Inland Consumption	**54.1**	**59.2**	**59.0**	**59.6**	**58.1**	**61.5**
Solid Fuels	8.7	7.9	5.0	4.4	3.0	3.2
of which Hard Coal	8.2	7.3	4.9	3.9	3.1	3.2
Petroleum and Products	22.9	24.1	24.8	25.3	25.0	25.6
of which Crude and NGL	26.5	34.0	32.0	33.7	31.3	33.4
Gases	10.6	13.4	14.7	14.8	15.1	17.0
of which Natural Gas	10.6	13.4	14.7	14.8	15.1	17.0
Nuclear	10.7	12.4	12.3	11.8	12.2	12.4
Renewables	0.5	0.6	1.2	1.8	2.2	2.6
Waste, Non-Renewable	0.4	0.4	0.5	0.7	0.7	0.8
Electricity	0.4	0.4	0.5	0.9	-0.2	0.0
Primary Energy Intensity	**48.3**	**52.5**	**51.5**	**51.5**	**50.9**	**53.9**
Final Non-Energy Consumption	**5.8**	**6.7**	**7.5**	**8.1**	**7.3**	**7.6**
Final Energy Consumption	**34.3**	**37.4**	**36.6**	**37.5**	**34.5**	**36.4**
by Fuel/Product						
Solid Fuels	3.3	3.3	2.0	2.0	1.0	1.2
Petroleum and Products	16.0	16.3	16.5	16.8	15.5	14.9
Gases	8.5	10.0	10.0	10.2	9.5	11.1
Solar Energy	0.0	0.0	0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.3	0.4	0.6	0.9	1.1	1.3
Geothermal Energy						
Waste, Non-Renewable	0.1	0.1	0.1	0.1	0.1	0.1
Electricity	5.9	6.7	6.9	7.1	6.6	7.2
Derived Heat	0.2	0.5	0.4	0.5	0.6	0.7
by Sector						
Industry	12.0	14.1	11.7	11.9	9.6	11.2
Transport	8.5	9.7	9.9	11.2	11.1	10.3
Households	9.3	9.5	9.9	8.8	8.3	9.0
Services	3.5	3.4	4.2	4.7	4.6	5.0
Agriculture	1.1	0.7	0.8	0.8	0.8	0.8
Fishing					0.0	
Other	0.0	0.0	0.0	0.0	0.1	0.1

Methodology, Sources and Notes: See Appendix 6 – No 4

Belgium

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**15.2**	**16.0**	**16.7**	**17.6**	**18.6**	**19.5**
Combustible Fuels	7.9	8.5	8.7	9.1	9.2	9.2
Nuclear	5.6	5.7	5.8	5.8	5.9	5.9
Hydro	1.4	1.4	1.4	1.4	1.4	1.4
Gross Electricity Generation - TWh	**74.4**	**84.0**	**87.0**	**84.9**	**91.2**	**95.1**
by Fuel - TWh						
Solid Fuels	16.5	12.9	8.2	5.5	5.2	4.2
Petroleum and Products	1.3	0.8	1.7	0.4	0.3	0.4
Gases	12.9	19.1	25.1	26.3	30.3	33.2
Nuclear	41.4	48.2	47.6	45.6	47.2	47.9
Renewables	1.6	2.3	3.4	5.8	6.9	7.9
by Type - TWh						
Main Activity Electricity only	63.4	78.0	79.2	72.8	77.7	79.8
Main Activity CHP Plants	8.1	4.3	6.1	9.3	9.7	10.1
Autoproducer Electricity only	2.9	0.3	0.2	0.3	0.3	0.8
Autoproducer CHP Plants	0.0	1.4	1.5	2.6	3.5	4.4
Combined Heat and Power						
CHP Electrical Capacity - GW			1.9	2.1	2.4	2.6
CHP Electricity Generation - TWh			7.4	11.1	13.2	15.2
CHP in Electricity Generation - %			8.5%	12.5%	14.5%	16.0%
CHP Heat Production - PJ			75.9	77.0		
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	8 392	9 537	9 781	10 983	10 694	9 787
Motor Gasoline	2 977	2 359	1 852	1 520	1 445	1 307
Gas/Diesel Oil	4 283	5 416	6 496	7 347	7 242	6 873
Final Consumption Biofuels - ktoe				101	286	362
Biogasoline				12	47	53
Biodiesel				89	238	309
Main Energy Indicators						
Energy Intensity - toe/M€'05	222	211	194	184	185	191
Energy per Capita - kgoe/cap	5 341	5 779	5 631	5 568	5 385	5 651
Final Electricity p/cap - KWh/cap	6 752	7 568	7 657	7 722	7 160	7 655
Primary Efficiency - toe/M€'05	198	187	170	159	162	168
Import Dependency - %	80.9%	78.1%	80.1%	79.9%	74.3%	76.8%
on Solid Fuels	108.9%	91.1%	101.4%	106.7%	81.8%	98.3%
on Hard Coal	108.5%	90.4%	100.9%	105.5%	83.7%	100.2%
on Petroleum Fuels	99.6%	100.2%	100.8%	98.8%	95.4%	98.0%
on Crude and NGL	99.8%	100.2%	99.5%	100.3%	99.7%	99.9%
on Natural Gas	98.2%	99.3%	100.6%	100.4%	99.0%	99.0%
RES of the Gross Final Energy - %						
Overall RES Share				3.3%	4.6%	
RES-H&C - Heating and Cooling				4.1%	5.2%	
RES-E - Electricity Generation				4.6%	6.2%	
RE-T - Transport				1.3%	3.3%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	140	145	153	154	135	
GHGs Emissions	166	166	171	170	152	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	13 785	14 177	14 642	14 417	12 553	
Carbon Intensity - kg CO_2/toe	2 581	2 453	2 600	2 589	2 331	
CO_2 GDP Intensity - ton CO_2/M€'05	574	518	506	477	431	

Methodology, Sources and Notes: See Appendix 6 – No 4

Bulgaria

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**10.3**	**9.9**	**10.6**	**10.2**	**9.8**	**10.4**
Solid Fuels	5.3	4.3	4.2	4.9	4.6	4.9
of which Hard Coal	1.0	0.0	0.0	0.0	0.1	0.0
Petroleum and Products	0.1	0.1	0.1	0.1	0.0	0.0
of which Crude and NGL	0.0	0.0	0.0	0.0	0.0	
Gases	0.0	0.0	0.4	0.2	0.0	
of which Natural Gas	0.0	0.0	0.4	0.2	0.0	
Nuclear	4.5	4.7	4.8	4.1	4.0	4.0
Renewables	0.4	0.8	1.1	1.0	1.1	1.5
Waste, Non-Renewable		0.0	0.1	0.1	0.0	0.0
Net Imports	**13.5**	**8.7**	**9.6**	**10.5**	**8.1**	**7.2**
Solid Fuels	2.4	2.3	2.6	3.2	1.7	1.7
of which Hard Coal	2.3	2.2	2.5	3.1	1.7	1.7
Petroleum and Products	6.6	4.1	5.3	5.0	4.7	4.2
of which Crude and NGL	8.1	5.3	6.1	7.4	6.2	5.5
Gases	4.6	2.7	2.5	2.8	2.1	2.1
of which Natural Gas	4.6	2.7	2.5	2.8	2.1	2.1
Renewables	0.0	0.0	0.0	0.0	0.0	-0.1
Electricity	0.0	-0.4	-0.7	-0.5	-0.4	-0.7
Gross Inland Consumption	**23.4**	**18.7**	**20.1**	**20.1**	**17.6**	**17.8**
Solid Fuels	7.6	6.4	6.9	7.6	6.4	6.9
of which Hard Coal	3.2	2.2	2.6	2.8	1.8	1.9
Petroleum and Products	6.3	4.3	5.0	4.9	4.4	4.0
of which Crude and NGL	8.1	5.4	6.3	7.3	6.3	5.5
Gases	4.6	2.9	2.8	2.9	2.2	2.2
of which Natural Gas	4.6	2.9	2.8	2.9	2.2	2.2
Nuclear	4.5	4.7	4.8	4.1	4.0	4.0
Renewables	0.4	0.8	1.1	1.0	1.1	1.4
Waste, Non-Renewable		0.0	0.1	0.1	0.0	0.0
Electricity	0.0	-0.4	-0.7	-0.5	-0.4	-0.7
Primary Energy Intensity	**22.2**	**17.4**	**19.0**	**19.0**	**17.0**	**17.4**
Final Non-Energy Consumption	**1.2**	**1.3**	**1.1**	**1.1**	**0.6**	**0.4**
Final Energy Consumption	**11.4**	**8.6**	**9.8**	**9.8**	**8.6**	**8.8**
by Fuel/Product						
Solid Fuels	1.3	0.9	1.0	0.7	0.4	0.5
Petroleum and Products	2.9	3.0	3.7	3.6	3.3	3.1
Gases	1.8	1.2	1.2	1.3	0.9	1.0
Solar Energy						0.0
Biomass and Renewable Wastes	0.2	0.5	0.7	0.7	0.7	0.9
Geothermal Energy			0.0	0.0	0.0	0.0
Waste, Non-Renewable		0.0	0.1	0.1	0.0	0.0
Electricity	2.5	2.1	2.2	2.5	2.3	2.3
Derived Heat	2.8	0.9	0.9	0.9	0.9	1.0
by Sector						
Industry	6.0	3.5	3.7	3.5	2.4	2.5
Transport	1.8	2.0	2.9	3.1	2.9	2.9
Households	2.5	2.2	2.1	2.1	2.1	2.2
Services	0.2	0.6	0.8	1.0	0.9	1.0
Agriculture	0.4	0.3	0.3	0.2	0.2	0.2
Fishing			0.0	0.0	0.0	0.0
Other	0.5	0.0				

Methodology, Sources and Notes: See Appendix 6 – No 4

Bulgaria

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW			**12.3**	**9.6**	**9.6**	**10.0**
Combustible Fuels			6.7	4.6	4.4	4.6
Nuclear			2.7	1.9	1.9	1.9
Hydro	2.0	1.9	2.8	3.0	3.0	3.0
Gross Electricity Generation - TWh	**41.8**	**40.9**	**44.4**	**45.0**	**43.0**	**46.7**
by Fuel - TWh						
Solid Fuels	17.3	16.9	18.5	23.2	21.1	22.6
Petroleum and Products	1.4	0.7	0.6	0.3	0.3	0.4
Gases	3.4	2.2	1.9	2.4	2.0	2.0
Nuclear	17.3	18.2	18.7	15.8	15.3	15.2
Renewables	2.3	3.0	4.7	3.4	4.3	6.4
by Type - TWh						
Main Activity Electricity only	33.4	35.3	38.4	39.0	37.4	41.6
Main Activity CHP Plants	5.6	3.8	4.4	5.2	5.4	4.9
Autoproducer Electricity only	0.0	0.0	0.2	0.0	0.0	0.0
Autoproducer CHP Plants	2.8	1.8	1.5	0.8	0.2	0.2
Combined Heat and Power						
CHP Electrical Capacity - GW			1.2	1.4	1.3	1.0
CHP Electricity Generation - TWh			2.7	4.5	4.0	3.7
CHP in Electricity Generation - %			6.1%	10.0%	9.4%	8.0%
CHP Heat Production - PJ			50.4	58.9	44.5	40.4
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	1 751	1 784	2 578	2 773	2 694	2 626
Motor Gasoline	1 138	693	572	628	647	611
Gas/Diesel Oil	276	773	1 370	1 555	1 483	1 459
Final Consumption Biofuels - ktoe				4	4	13
Biogasoline						
Biodiesel				2	3	10
Main Energy Indicators						
Energy Intensity - toe/M€'05	1 291	1 050	863	717	664	671
Energy per Capita - kgoe/cap	2 785	2 290	2 601	2 635	2 316	2 367
Final Electricity p/cap - KWh/cap	3 413	2 968	3 332	3 759	3 539	3 597
Primary Efficiency - toe/M€'05	1 223	979	817	677	642	654
Import Dependency - %	57.2%	46.5%	47.5%	52.1%	45.3%	40.3%
on Solid Fuels	31.7%	35.1%	37.0%	42.6%	27.3%	24.7%
on Hard Coal	73.0%	100.5%	94.8%	114.2%	93.6%	88.2%
on Petroleum Fuels	99.6%	95.6%	101.9%	98.7%	101.3%	101.4%
on Crude and NGL	99.7%	98.7%	97.7%	101.0%	98.6%	99.6%
on Natural Gas	99.5%	93.5%	87.7%	96.2%	98.6%	95.1%
RES of the Gross Final Energy - %						
Overall RES Share				9.6%	11.6%	
RES-H&C - Heating and Cooling				15.8%	20.8%	
RES-E - Electricity Generation				9.5%	10.6%	
RE-T - Transport				0.4%	0.6%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	64	48	53	55	47	
GHGs Emissions	83	64	68	70	61	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	7 603	5 881	6 865	7 258	6 184	
Carbon Intensity - kg CO_2/toe	2 730	2 569	2 639	2 755	2 670	
CO_2 GDP Intensity - ton CO_2/M€'05	3 525	2 698	2 279	1 976	1 772	

Methodology, Sources and Notes: See Appendix 6 – No 4

Czech Republic

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**32.4**	**30.6**	**32.9**	**32.8**	**31.2**	**31.6**
Solid Fuels	27.6	25.0	23.6	22.8	20.9	20.7
of which Hard Coal	10.8	9.4	8.4	8.3	7.1	7.4
Petroleum and Products	0.3	0.4	0.6	0.4	0.3	0.3
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	0.1	0.2
of which Natural Gas	0.2	0.2	0.2	0.2	0.1	0.2
Nuclear	3.2	3.5	6.4	6.9	7.0	7.2
Renewables	1.2	1.3	2.0	2.4	2.6	2.9
Waste, Non-Renewable	0.0	0.2	0.2	0.2	0.2	0.2
Net Imports	**8.6**	**9.5**	**12.8**	**12.6**	**11.4**	**11.5**
Solid Fuels	-5.8	-4.7	-3.3	-3.1	-3.5	-3.0
of which Hard Coal	-2.9	-3.5	-2.8	-2.5	-3.2	-2.9
Petroleum and Products	7.9	7.6	9.8	9.9	9.2	9.0
of which Crude and NGL	7.0	5.6	7.8	8.2	7.3	7.8
Gases	6.4	7.5	7.5	7.0	7.0	6.8
of which Natural Gas	6.4	7.5	7.5	7.0	7.0	6.8
Renewables	0.0	0.0	-0.2	-0.2	-0.2	-0.1
Electricity	0.0	-0.9	-1.1	-1.0	-1.2	-1.3
Gross Inland Consumption	**41.7**	**41.3**	**45.3**	**45.3**	**42.3**	**44.8**
Solid Fuels	22.7	21.6	20.2	19.7	17.6	18.5
of which Hard Coal	8.4	6.3	5.6	6.2	4.1	4.9
Petroleum and Products	8.1	8.0	10.1	10.1	9.6	9.3
of which Crude and NGL	6.9	5.9	7.8	8.4	7.5	8.0
Gases	6.6	7.5	7.7	7.1	6.7	8.0
of which Natural Gas	6.6	7.5	7.7	7.1	6.7	8.0
Nuclear	3.2	3.5	6.4	6.9	7.0	7.2
Renewables	1.2	1.3	1.8	2.2	2.4	2.8
Waste, Non-Renewable	0.0	0.2	0.2	0.2	0.2	0.2
Electricity	0.0	-0.9	-1.1	-1.0	-1.2	-1.3
Primary Energy Intensity	**39.2**	**39.1**	**42.3**	**42.3**	**39.8**	**42.0**
Final Non-Energy Consumption	**2.5**	**2.2**	**3.0**	**3.0**	**2.6**	**2.8**
Final Energy Consumption	**26.2**	**24.7**	**26.0**	**25.7**	**24.4**	**25.6**
by Fuel/Product						
Solid Fuels	5.9	5.0	3.6	3.1	3.0	3.1
Petroleum and Products	5.5	5.4	6.9	7.2	7.0	6.6
Gases	6.2	6.5	6.7	6.4	5.8	6.7
Solar Energy			0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.9	0.9	1.3	1.6	1.7	1.9
Geothermal Energy						
Waste, Non-Renewable		0.0	0.1	0.1	0.2	0.2
Electricity	4.1	4.2	4.8	5.0	4.7	4.9
Derived Heat	3.7	2.6	2.5	2.2	2.1	2.2
by Sector						
Industry	12.9	10.1	9.7	9.0	8.1	8.8
Transport	2.9	4.4	6.2	6.7	6.6	6.3
Households	6.1	6.0	6.2	6.0	6.0	6.6
Services	2.4	3.0	3.1	3.1	2.9	3.1
Agriculture	1.2	0.7	0.6	0.5	0.5	0.6
Fishing			0.0	0.0	0.0	0.0
Other	0.7	0.5	0.3	0.3	0.2	0.3

Methodology, Sources and Notes: See Appendix 6 – No 4

Czech Republic

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**13.8**	**15.3**	**17.7**	**18.0**	**18.7**	**20.5**
Combustible Fuels	10.6	11.5	11.5	11.6	11.7	11.8
Nuclear	1.8	1.8	3.8	3.8	3.8	3.9
Hydro	1.4	2.1	2.2	2.2	2.2	2.2
Gross Electricity Generation - TWh	**60.8**	**73.5**	**82.6**	**83.5**	**82.3**	**85.9**
by Fuel - TWh						
Solid Fuels	44.3	52.6	49.5	48.8	46.0	47.1
Petroleum and Products	0.6	0.4	0.3	0.1	0.2	0.2
Gases	1.0	3.9	4.2	4.0	3.7	4.1
Nuclear	12.2	13.6	24.7	26.6	27.2	28.0
Renewables	2.7	2.8	3.8	4.1	5.2	6.5
by Type - TWh						
Main Activity Electricity only	47.3	52.5	61.2	61.6	61.5	65.3
Main Activity CHP Plants	7.2	10.5	11.3	12.4	11.8	11.3
Autoproducer Electricity only	0.7	1.3	1.2	1.3	1.1	1.5
Autoproducer CHP Plants	5.6	9.2	8.9	8.3	7.8	7.8
Combined Heat and Power						
CHP Electrical Capacity - GW			5.2	4.8	4.8	4.8
CHP Electricity Generation - TWh			13.9	11.9	11.0	12.2
CHP in Electricity Generation - %			16.8%	14.2%	13.4%	14.2%
CHP Heat Production - PJ			150.7	127.6	119.9	135.7
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	2 630	4 111	5 962	6 370	6 170	5 800
Motor Gasoline	1 720	1 953	2 160	2 141	2 086	1 895
Gas/Diesel Oil	708	1 890	3 384	3 746	3 628	3 483
Final Consumption Biofuels - ktoe	16	64	3	110	195	231
Biogasoline				35	59	58
Biodiesel	16	64	3	75	136	173
Main Energy Indicators						
Energy Intensity - toe/M€'05	533	482	433	371	364	375
Energy per Capita - kgoe/cap	4 036	4 017	4 424	4 340	4 036	4 257
Final Electricity p/cap - KWh/cap	4 654	4 807	5 403	5 565	5 234	5 440
Primary Efficiency - toe/M€'05	501	456	404	346	342	351
Import Dependency - %	20.6%	23.0%	28.3%	27.9%	27.0%	25.6%
on Solid Fuels	-25.5%	-21.8%	-16.1%	-15.5%	-20.0%	-16.1%
on Hard Coal	-34.2%	-56.1%	-49.4%	-40.6%	-79.1%	-58.0%
on Petroleum Fuels	97.9%	95.3%	97.5%	97.5%	96.6%	96.3%
on Crude and NGL	100.2%	95.3%	99.3%	98.1%	97.2%	97.5%
on Natural Gas	98.0%	99.8%	97.8%	98.7%	104.4%	85.4%
RES of the Gross Final Energy - %						
Overall RES Share				7.7%	8.5%	
RES-H&C - Heating and Cooling				11.2%	11.9%	
RES-E - Electricity Generation				5.2%	6.3%	
RE-T - Transport				2.3%	3.4%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	132	128	126	122	114	
GHGs Emissions	154	148	146	142	134	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	12 776	12 416	12 268	11 653	10 908	
Carbon Intensity - kg CO_2/toe	3 165	3 091	2 773	2 685	2 703	
CO_2 GDP Intensity - ton CO_2/M€'05	1 688	1 489	1 200	996	984	

Methodology, Sources and Notes: See Appendix 6 – No 4

Denmark

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**15.6**	**27.7**	**31.3**	**26.6**	**24.0**	**23.3**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	9.4	18.2	19.0	14.4	13.3	12.5
of which Crude and NGL	9.4	18.2	19.0	14.4	13.3	12.5
Gases	4.7	7.4	9.4	9.0	7.5	7.4
of which Natural Gas	4.7	7.4	9.4	9.0	7.5	7.3
Nuclear						
Renewables	1.3	1.8	2.5	2.8	2.8	3.1
Waste, Non-Renewable	0.2	0.3	0.4	0.4	0.4	0.4
Net Imports	**7.3**	**-7.4**	**-10.5**	**-4.6**	**-4.2**	**-3.6**
Solid Fuels	7.7	3.8	3.5	4.3	3.9	2.6
of which Hard Coal	7.6	3.8	3.5	4.3	3.9	2.6
Petroleum and Products	1.2	-8.5	-9.4	-4.6	-5.1	-4.0
of which Crude and NGL	0.6	-9.9	-11.2	-6.5	-5.2	-5.1
Gases	-1.5	-2.9	-5.0	-4.9	-3.6	-3.0
of which Natural Gas	-1.5	-2.9	-5.0	-4.9	-3.6	-3.0
Renewables	0.0	0.1	0.3	0.4	0.5	0.8
Electricity	-0.1	0.1	0.1	0.1	0.0	-0.1
Gross Inland Consumption	**20.3**	**19.8**	**19.8**	**19.3**	**19.7**	**19.3**
Solid Fuels	6.5	4.0	3.7	4.0	4.0	3.8
of which Hard Coal	6.5	4.0	3.7	4.0	4.0	3.8
Petroleum and Products	9.1	9.2	8.3	7.5	8.1	6.9
of which Crude and NGL	9.9	8.2	7.9	8.0	8.0	7.4
Gases	3.2	4.5	4.4	4.1	3.9	4.4
of which Natural Gas	3.2	4.4	4.4	4.1	3.9	4.4
Nuclear						
Renewables	1.3	1.8	2.9	3.2	3.3	3.9
Waste, Non-Renewable	0.2	0.3	0.4	0.4	0.4	0.4
Electricity	-0.1	0.1	0.1	0.1	0.0	-0.1
Primary Energy Intensity	**20.0**	**19.5**	**19.5**	**19.1**	**19.5**	**19.1**
Final Non-Energy Consumption	**0.3**	**0.3**	**0.3**	**0.3**	**0.2**	**0.3**
Final Energy Consumption	**14.8**	**14.7**	**15.5**	**15.5**	**14.8**	**15.5**
by Fuel/Product						
Solid Fuels	0.4	0.3	0.3	0.2	0.1	0.1
Petroleum and Products	7.3	7.1	7.3	7.2	6.7	6.8
Gases	1.7	1.7	1.7	1.6	1.6	1.8
Solar Energy	0.0	0.0	0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.6	0.6	0.9	1.2	1.2	1.2
Geothermal Energy						
Waste, Non-Renewable	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	2.7	2.8	2.9	2.8	2.7	2.8
Derived Heat	2.2	2.3	2.4	2.4	2.5	2.8
by Sector						
Industry	3.0	2.9	2.9	2.7	2.3	2.4
Transport	4.5	4.8	5.3	5.5	5.2	5.2
Households	4.5	4.2	4.5	4.4	4.4	4.9
Services	1.8	1.8	2.0	2.0	2.0	2.1
Agriculture	0.7	0.7	0.7	0.7	0.7	0.7
Fishing	0.2	0.2	0.2	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 6 – No 4

Denmark

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**11.1**	**12.7**	**14.0**	**13.9**	**14.5**	**15.0**
Combustible Fuels	10.2	9.9	9.9	9.8	9.9	9.9
Nuclear						
Hydro	0.0	0.0	0.0	0.0	0.0	0.0
Gross Electricity Generation - TWh	**36.8**	**36.1**	**36.2**	**36.6**	**36.4**	**38.8**
by Fuel - TWh						
Solid Fuels	27.4	16.7	15.5	17.5	17.7	17.0
Petroleum and Products	3.6	4.4	1.4	1.1	1.1	0.8
Gases	3.6	8.8	8.8	7.1	6.7	7.9
Nuclear						
Renewables	1.9	5.6	9.9	10.2	10.1	12.5
by Type - TWh						
Main Activity Electricity only	5.4	6.7	6.7	7.0	6.8	7.9
Main Activity CHP Plants	30.1	26.5	26.7	27.3	27.5	28.6
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	1.2	2.8	2.9	2.3	2.1	2.2
Combined Heat and Power						
CHP Electrical Capacity - GW			5.7	5.4	5.3	5.8
CHP Electricity Generation - TWh			18.9	16.8	16.5	19.1
CHP in Electricity Generation - %			52.1%	46.1%	45.3%	49.2%
CHP Heat Production - PJ			119.0	110.3	109.8	124.7
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	4 526	4 791	5 294	5 499	5 151	5 138
Motor Gasoline	1 953	2 028	1 931	1 793	1 704	1 590
Gas/Diesel Oil	1 810	1 859	2 367	2 723	2 574	2 651
Final Consumption Biofuels - ktoe				5	9	
Biogasoline				5	5	
Biodiesel					4	
Main Energy Indicators						
Energy Intensity - toe/M€'05	119.8	101.6	95.3	89.5	96.9	93.7
Energy per Capita - kgoe/cap	3 877.5	3 708.3	3 648.0	3 521.2	3 569.3	3 483.8
Final Electricity p/cap - KWh/cap	5 904.8	6 079.8	6 175.3	6 030.0	5 685.1	5 781.6
Primary Efficiency - toe/M€'05	117.9	100.1	93.9	88.3	95.6	92.5
Import Dependency - %	33.3%	-35.3%	-50.9%	-22.9%	-20.6%	-18.2%
on Solid Fuels	117.9%	94.9%	94.4%	108.5%	98.0%	69.4%
on Hard Coal	118.0%	94.8%	94.3%	108.4%	98.1%	69.3%
on Petroleum Fuels	11.0%	-81.1%	-103.8%	-55.1%	-58.9%	-52.3%
on Crude and NGL	6.3%	-120.5%	-141.3%	-81.2%	-65.0%	-68.8%
on Natural Gas	-47.2%	-64.8%	-113.9%	-121.1%	-91.9%	-68.3%
RES of the Gross Final Energy - %						
Overall RES Share				18.7%	19.9%	
RES-H&C - Heating and Cooling				28.9%	30.1%	
RES-E - Electricity Generation				26.1%	28.2%	
RE-T - Transport				0.3%	0.4%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	68	60	56	56	52	
GHGs Emissions	83	74	69	69	65	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	12 923	11 240	10 284	10 208	9 432	
Carbon Intensity - kg CO_2/toe	3 333	3 031	2 819	2 899	2 643	
CO_2 GDP Intensity - ton CO_2/M€'05	399	308	269	259	256	

Methodology, Sources and Notes: See Appendix 6 – No 4

Germany

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**145.1**	**135.5**	**136.6**	**135.5**	**127.9**	**132.0**
Solid Fuels	78.9	60.6	56.5	50.0	45.7	45.1
of which Hard Coal	38.1	24.2	18.0	12.4	9.2	8.5
Petroleum and Products	4.0	4.5	5.5	5.3	5.0	4.3
of which Crude and NGL	3.0	3.2	3.5	3.1	2.8	2.5
Gases	15.1	15.8	14.2	11.3	11.1	9.7
of which Natural Gas	15.1	15.8	14.2	11.3	11.1	9.7
Nuclear	39.5	43.8	42.1	38.3	34.8	36.3
Renewables	6.1	9.1	17.5	28.0	27.8	32.7
Waste, Non-Renewable	1.4	1.7	0.8	2.5	3.5	3.8
Net Imports	**195.6**	**205.8**	**213.1**	**209.3**	**202.4**	**202.6**
Solid Fuels	10.3	21.7	25.7	31.0	25.9	31.8
of which Hard Coal	8.2	17.2	23.5	28.7	24.3	29.3
Petroleum and Products	132.0	127.0	122.8	116.6	110.5	112.1
of which Crude and NGL	102.2	102.7	113.7	107.1	99.4	94.0
Gases	52.9	56.9	65.7	64.7	67.3	60.1
of which Natural Gas	52.9	56.9	65.7	64.7	67.3	60.1
Renewables			-0.8	-1.3	-0.2	-0.2
Electricity	0.4	0.3	-0.4	-1.7	-1.1	-1.3
Gross Inland Consumption	**342.2**	**343.6**	**346.0**	**342.9**	**326.4**	**336.1**
Solid Fuels	91.6	84.8	81.7	81.0	71.6	77.1
of which Hard Coal	47.7	43.8	41.0	41.1	33.5	38.0
Petroleum and Products	135.8	132.2	124.2	119.5	113.3	114.2
of which Crude and NGL	105.5	109.4	116.8	109.4	102.6	96.9
Gases	67.3	71.9	80.9	76.6	76.6	73.4
of which Natural Gas	67.3	71.9	80.9	76.6	76.6	73.4
Nuclear	39.5	43.8	42.1	38.3	34.8	36.3
Renewables	6.1	9.1	16.7	26.6	27.6	32.6
Waste, Non-Renewable	1.4	1.7	0.8	2.5	3.5	3.8
Electricity	0.4	0.3	-0.4	-1.7	-1.1	-1.3
Primary Energy Intensity	**314.8**	**312.4**	**314.7**	**313.4**	**298.8**	**306.4**
Final Non-Energy Consumption	**27.3**	**31.2**	**31.3**	**29.4**	**27.7**	**29.7**
Final Energy Consumption	**220.7**	**219.1**	**229.5**	**223.8**	**213.1**	**217.4**
by Fuel/Product						
Solid Fuels	13.9	11.0	9.9	10.2	8.3	9.6
Petroleum and Products	104.6	98.7	88.9	86.3	82.7	82.5
Gases	51.8	56.1	59.9	59.6	57.4	54.1
Solar Energy	0.0	0.1	0.2	0.4	0.4	0.4
Biomass and Renewable Wastes	2.7	4.7	7.8	11.0	10.0	12.6
Geothermal Energy	0.1	0.1	0.1	0.2	0.4	0.5
Waste, Non-Renewable				0.5	1.0	0.9
Electricity	38.8	41.6	44.8	45.2	42.6	45.5
Derived Heat	8.7	6.8	17.9	10.4	10.2	11.3
by Sector						
Industry	60.1	57.6	62.5	60.3	51.7	60.5
Transport	62.8	65.9	62.4	61.4	61.7	61.9
Households	66.2	65.2	63.6	68.2	65.8	62.0
Services	25.1	25.1	26.5	29.3	29.3	32.1
Agriculture	2.7	0.9	1.0	1.0	1.0	0.8
Fishing						
Other	3.7	4.4	13.6	3.7	3.7	

Methodology, Sources and Notes: See Appendix 6 – No 4

Germany

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**117.5**	**120.3**	**128.5**	**144.3**	**153.1**	**163.8**
Combustible Fuels	83.4	80.8	76.4	79.6	80.2	77.2
Nuclear	22.8	22.4	20.4	20.5	20.5	20.5
Hydro	8.9	9.0	8.3	10.0	10.6	11.0
Gross Electricity Generation - TWh	**537.3**	**576.5**	**620.6**	**637.2**	**592.5**	**627.9**
by Fuel - TWh						
Solid Fuels	289.1	296.7	297.5	275.2	251.1	262.9
Petroleum and Products	9.0	4.8	10.6	8.6	9.6	8.4
Gases	50.4	60.0	77.6	85.4	84.9	96.7
Nuclear	153.1	169.6	163.1	148.5	134.9	140.6
Renewables	30.4	39.7	68.8	96.3	100.0	110.5
by Type - TWh						
Main Activity Electricity only	462.6	527.6	514.1	519.6	494.9	520.8
Main Activity CHP Plants	0.0	0.0	62.0	53.3	50.5	54.5
Autoproducer Electricity only	74.7	48.9	20.8	21.7	17.3	23.2
Autoproducer CHP Plants	0.0	0.0	23.7	24.4	26.2	29.8
Combined Heat and Power						
CHP Electrical Capacity - GW			20.8	22.0	22.5	22.5
CHP Electricity Generation - TWh			77.9	79.5	77.0	83.2
CHP in Electricity Generation - %			12.6%	12.5%	13.0%	13.2%
CHP Heat Production - PJ			652.5	641.8	628.7	675.8
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	61 418	64 336	58 978	57 283	57 488	57 265
Motor Gasoline	31 416	30 036	24 235	21 206	20 690	19 665
Gas/Diesel Oil	23 930	26 857	26 374	26 697	27 270	28 281
Final Consumption Biofuels - ktoe	31	225	1 941	2 569	2 697	2 960
Biogasoline			152	394	564	732
Biodiesel			626	1 432	1 941	1 981
Main Energy Indicators						
Energy Intensity - toe/M€'05	174	159	156	142	143	142
Energy per Capita - kgoe/cap	4 190	4 181	4 196	4 175	3 987	4 111
Final Electricity p/cap - KWh/cap	5 525	5 882	6 317	6 400	6 053	6 470
Primary Efficiency - toe/M€'05	160	145	141	130	131	129
Import Dependency - %	56.8%	59.5%	61.2%	60.5%	61.5%	59.8%
on Solid Fuels	11.2%	25.5%	31.5%	38.3%	36.2%	41.3%
on Hard Coal	17.1%	39.2%	57.3%	69.7%	72.4%	77.3%
on Petroleum Fuels	95.8%	94.5%	97.0%	95.2%	95.2%	95.8%
on Crude and NGL	96.9%	93.8%	97.3%	97.9%	96.9%	97.0%
on Natural Gas	78.6%	79.1%	81.3%	84.5%	87.9%	81.9%
RES of the Gross Final Energy - %						
Overall RES Share				9.3%	9.8%	
RES-H&C - Heating and Cooling				8.4%	8.5%	
RES-E - Electricity Generation				14.8%	17.7%	
RE-T - Transport				6.2%	5.7%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	952	917	895	883	822	
GHGs Emissions	1 142	1 069	1 031	1 017	954	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	11 660	11 163	10 853	10 754	10 046	
Carbon Intensity - kg CO_2/toe	2 783	2 670	2 587	2 576	2 520	
CO_2 GDP Intensity - ton CO_2/M€'05	484	425	402	367	360	

Methodology, Sources and Notes: See Appendix 6 – No 4

Estonia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**3.5**	**3.4**	**4.2**	**4.7**	**4.7**	**5.5**
Solid Fuels	2.9	2.7	3.2	3.5	3.3	3.9
of which Hard Coal						
Petroleum and Products	0.3	0.2	0.4	0.4	0.5	0.5
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables	0.4	0.5	0.7	0.8	0.9	1.0
Waste, Non-Renewable						
Net Imports	**1.8**	**1.6**	**1.4**	**1.5**	**1.2**	**0.8**
Solid Fuels	0.3	0.3	0.0	0.0	0.0	0.0
of which Hard Coal	0.1	0.1	0.0	0.1	0.0	0.0
Petroleum and Products	1.0	0.8	0.9	0.9	0.8	0.7
of which Crude and NGL						
Gases	0.6	0.7	0.8	0.8	0.5	0.6
of which Natural Gas	0.6	0.7	0.8	0.8	0.5	0.6
Renewables	0.0	0.0	-0.1	-0.1	-0.1	-0.2
Electricity	-0.1	-0.1	-0.1	-0.1	0.0	-0.3
Gross Inland Consumption	**5.3**	**5.0**	**5.6**	**5.9**	**5.3**	**6.1**
Solid Fuels	3.3	3.0	3.2	3.4	3.1	3.9
of which Hard Coal	0.1	0.1	0.0	0.1	0.1	0.0
Petroleum and Products	1.2	0.9	1.1	1.1	1.0	1.1
of which Crude and NGL						
Gases	0.6	0.7	0.8	0.8	0.5	0.6
of which Natural Gas	0.6	0.7	0.8	0.8	0.5	0.6
Nuclear						
Renewables	0.3	0.5	0.6	0.6	0.7	0.8
Waste, Non-Renewable						
Electricity	-0.1	-0.1	-0.1	-0.1	0.0	-0.3
Primary Energy Intensity	**5.2**	**4.8**	**5.4**	**5.7**	**5.2**	**6.1**
Final Non-Energy Consumption	**0.2**	**0.2**	**0.2**	**0.2**	**0.0**	**0.0**
Final Energy Consumption	**2.6**	**2.4**	**2.9**	**3.1**	**2.8**	**2.9**
by Fuel/Product						
Solid Fuels	0.2	0.1	0.1	0.2	0.1	0.1
Petroleum and Products	0.9	0.8	1.0	1.0	0.9	0.9
Gases	0.3	0.2	0.3	0.3	0.2	0.2
Solar Energy						
Biomass and Renewable Wastes	0.3	0.4	0.4	0.5	0.5	0.5
Geothermal Energy						
Waste, Non-Renewable						
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
by Sector						
Industry	0.8	0.6	0.7	0.8	0.5	0.6
Transport	0.5	0.6	0.8	0.8	0.7	0.8
Households	1.0	0.9	0.9	1.0	1.0	1.0
Services	0.2	0.3	0.4	0.4	0.4	0.4
Agriculture	0.1	0.1	0.1	0.1	0.1	0.1
Fishing			0.0	0.0	0.0	0.0
Other	0.0					

Methodology, Sources and Notes: See Appendix 6 – No 4

Estonia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW		**2.8**	**2.6**	**2.7**	**2.7**	**2.8**
Combustible Fuels		2.8	2.5	2.6	2.6	2.6
Nuclear						
Hydro		0.0	0.0	0.0	0.0	0.0
Gross Electricity Generation - TWh	**8.8**	**8.5**	**10.2**	**10.6**	**8.8**	**13.0**
by Fuel - TWh						
Solid Fuels	8.4	7.7	9.3	9.6	7.7	11.2
Petroleum and Products	0.1	0.1	0.0	0.0	0.0	0.0
Gases	0.3	0.8	0.8	0.7	0.5	0.7
Nuclear						
Renewables	0.0	0.0	0.1	0.2	0.5	1.0
by Type - TWh						
Main Activity Electricity only	0.0	7.3	9.1	9.6	8.0	11.6
Main Activity CHP Plants	8.6	1.1	0.9	0.8	0.7	1.2
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.2	0.1	0.1	0.1	0.1	0.1
Combined Heat and Power						
CHP Electrical Capacity - GW			1.6	1.6	0.4	0.4
CHP Electricity Generation - TWh			1.0	0.9	0.8	1.3
CHP in Electricity Generation - %			10.2%	8.6%	9.2%	10.3%
CHP Heat Production - PJ			11.5	9.1	11.5	12.3
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	481	570	756	810	739	781
Motor Gasoline	259	293	303	336	307	289
Gas/Diesel Oil	202	255	405	445	398	454
Final Consumption Biofuels - ktoe						
Biogasoline						
Biodiesel						
Main Energy Indicators						
Energy Intensity - toe/M€'05	968	627	497	460	484	546
Energy per Capita - kgoe/cap	3 691	3 618	4 128	4 378	3 949	4 553
Final Electricity p/cap - KWh/cap	3 163	3 637	4 482	5 223	4 961	5 145
Primary Efficiency - toe/M€'05	936	605	481	448	480	543
Import Dependency - %	33.6%	32.0%	25.4%	24.0%	21.2%	12.9%
on Solid Fuels	8.9%	9.1%	0.8%	0.5%	-0.2%	-0.6%
on Hard Coal	102.4%	116.1%	96.4%	95.3%	34.5%	118.3%
on Petroleum Fuels	80.4%	77.2%	69.4%	64.1%	64.3%	55.8%
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 Share				18.9%	22.8%	
RES-H&C - Heating and Cooling				35.5%	41.3%	
RES-E - Electricity Generation				1.9%	5.8%	
RE-T - Transport				0.2%	0.2%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	18	16	17	18	15	
GHGs Emissions	21	18	20	21	18	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	12 446	11 357	12 608	13 501	11 255	
Carbon Intensity - kg CO_2/toe	3 372	3 139	3 055	3 084	2 850	
CO_2 GDP Intensity - ton CO_2/M€'05	3 263	1 969	1 519	1 420	1 380	

Methodology, Sources and Notes: See Appendix 6 – No 4

Ireland

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**4.1**	**2.2**	**1.7**	**1.6**	**1.6**	**2.0**
Solid Fuels	1.7	1.0	0.8	0.7	0.6	1.0
of which Hard Coal	0.0	0.0	0.0	0.0	0.0	0.0
Petroleum and Products			0.0	0.0	0.0	0.0
of which Crude and NGL						
Gases	2.2	1.0	0.5	0.4	0.3	0.3
of which Natural Gas	2.2	1.0	0.5	0.4	0.3	0.3
Nuclear						
Renewables	0.2	0.2	0.4	0.5	0.6	0.6
Waste, Non-Renewable					0.0	0.0
Net Imports	**7.7**	**12.2**	**13.7**	**14.3**	**13.2**	**13.0**
Solid Fuels	1.9	1.7	2.0	1.7	1.4	1.0
of which Hard Coal	1.9	1.7	2.0	1.7	1.4	1.0
Petroleum and Products	5.7	8.0	8.5	8.4	7.7	7.5
of which Crude and NGL	2.2	3.0	3.3	3.3	2.7	3.0
Gases	0.1	2.5	3.0	4.1	4.0	4.4
of which Natural Gas	0.1	2.5	3.0	4.1	4.0	4.4
Renewables			0.0	0.0	0.0	0.0
Electricity	0.0	0.0	0.2	0.0	0.1	0.0
Gross Inland Consumption	**11.0**	**14.2**	**15.2**	**15.9**	**14.9**	**15.1**
Solid Fuels	2.9	2.6	2.8	2.4	2.2	2.1
of which Hard Coal	1.8	1.8	2.0	1.6	1.3	1.3
Petroleum and Products	5.6	7.9	8.4	8.4	7.7	7.6
of which Crude and NGL	2.2	3.3	3.3	3.3	2.8	2.9
Gases	2.3	3.4	3.5	4.5	4.3	4.7
of which Natural Gas	2.3	3.4	3.5	4.5	4.3	4.7
Nuclear						
Renewables	0.2	0.2	0.4	0.6	0.7	0.7
Waste, Non-Renewable					0.0	0.0
Electricity	0.0	0.0	0.2	0.0	0.1	0.0
Primary Energy Intensity	**10.4**	**13.7**	**14.9**	**15.6**	**14.8**	**14.8**
Final Non-Energy Consumption	**0.6**	**0.6**	**0.3**	**0.3**	**0.2**	**0.3**
Final Energy Consumption	**7.9**	**10.7**	**12.5**	**13.2**	**11.7**	**11.8**
by Fuel/Product						
Solid Fuels	0.9	0.7	0.8	0.7	0.6	0.6
Petroleum and Products	4.8	6.9	8.0	8.4	7.2	7.1
Gases	0.8	1.2	1.5	1.6	1.5	1.6
Solar Energy	0.0	0.0	0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.1	0.1	0.2	0.2	0.3	0.3
Geothermal Energy						
Waste, Non-Renewable					0.0	0.0
Electricity	1.3	1.7	2.1	2.3	2.1	2.2
Derived Heat						
by Sector						
Industry	2.0	2.5	2.6	2.4	2.1	1.9
Transport	2.3	4.0	5.0	5.5	4.7	4.7
Households	2.2	2.5	2.9	3.2	3.1	3.2
Services	1.1	1.4	1.6	1.8	1.6	1.7
Agriculture	0.3	0.3	0.3	0.3	0.3	0.3
Fishing						
Other					0.0	

Methodology, Sources and Notes: See Appendix 6 – No 4

Ireland

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**4.1**	**4.7**	**6.3**	**7.4**	**7.6**	**8.6**
Combustible Fuels	3.5	4.1	5.1	5.6	5.6	6.4
Nuclear						
Hydro		0.5	0.5	0.5	0.5	0.5
Gross Electricity Generation - TWh	**17.9**	**24.0**	**26.0**	**30.2**	**28.3**	**28.6**
by Fuel - TWh						
Solid Fuels	9.0	8.6	8.8	7.9	6.6	6.4
Petroleum and Products	2.7	4.6	3.3	1.7	0.9	0.6
Gases	5.2	9.3	11.6	16.7	16.3	17.7
Nuclear						
Renewables	1.0	1.5	2.2	3.9	4.5	3.9
by Type - TWh						
Main Activity Electricity only	17.6	23.4	25.3	28.4	26.5	26.6
Main Activity CHP Plants	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.2	0.6	0.6	1.9	1.8	2.0
Combined Heat and Power						
CHP Electrical Capacity - GW			0.1	0.3	0.3	0.3
CHP Electricity Generation - TWh			0.6	1.8	1.8	1.9
CHP in Electricity Generation - %			2.4%	6.2%	6.3%	6.7%
CHP Heat Production - PJ			4.4	13.5	10.9	12.0
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	2 347	4 016	4 991	5 395	4 614	4 572
Motor Gasoline	1 090	1 569	1 799	1 806	1 644	1 530
Gas/Diesel Oil	837	1 803	2 331	2 614	2 363	2 275
Final Consumption Biofuels - ktoe			1	54	75	90
Biogasoline				16	21	28
Biodiesel			1	35	53	61
Main Energy Indicators						
Energy Intensity - toe/M€'05	137	111	93	91	91	93
Energy per Capita - kgoe/cap	3 049	3 746	3 662	3 587	3 339	3 374
Final Electricity p/cap - KWh/cap	4 124	5 333	5 854	6 004	5 588	5 621
Primary Efficiency - toe/M€'05	130	107	91	89	90	91
Import Dependency - %	69.2%	84.4%	89.4%	89.5%	87.6%	85.6%
on Solid Fuels	64.9%	64.0%	72.3%	69.0%	62.2%	49.5%
on Hard Coal	105.9%	91.6%	100.5%	107.7%	104.6%	79.8%
on Petroleum Fuels	100.2%	98.8%	99.7%	99.7%	99.2%	97.5%
on Crude and NGL	100.2%	89.8%	98.9%	100.1%	95.7%	101.6%
on Natural Gas	3.6%	72.1%	86.7%	92.1%	92.5%	93.4%
RES of the Gross Final Energy - %						
Overall RES Share				3.8%	5.0%	
RES-H&C - Heating and Cooling				3.3%	3.9%	
RES-E - Electricity Generation				10.9%	13.5%	
RE-T - Transport				1.2%	1.9%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	37	47	50	51	45	
GHGs Emissions	60	70	72	71	65	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	10 199	12 333	12 139	11 375	10 052	
Carbon Intensity - kg CO_2/toe	3 345	3 293	3 315	3 172	3 011	
CO_2 GDP Intensity - ton CO_2/M€'05	457	365	309	288	275	

Methodology, Sources and Notes: See Appendix 6 – No 4

Greece

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**9.4**	**10.0**	**10.3**	**9.9**	**10.1**	**9.5**
Solid Fuels	7.5	8.2	8.5	8.1	8.2	7.3
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	1.7	1.8	2.0
Waste, Non-Renewable	0.0	0.1	0.0	0.0	0.0	0.0
Net Imports	**18.3**	**22.1**	**23.5**	**25.6**	**22.6**	**21.8**
Solid Fuels	0.9	0.8	0.4	0.4	0.2	0.4
of which Hard Coal	0.9	0.8	0.4	0.4	0.2	0.4
Petroleum and Products	17.3	19.7	20.5	21.1	19.0	17.5
of which Crude and NGL	14.9	19.6	18.0	18.5	17.0	19.5
Gases		1.7	2.3	3.5	3.0	3.2
of which Natural Gas		1.7	2.3	3.5	3.0	3.2
Renewables				0.1	0.1	0.2
Electricity	0.1	0.0	0.3	0.5	0.4	0.5
Gross Inland Consumption	**23.9**	**28.3**	**31.4**	**31.8**	**30.7**	**28.8**
Solid Fuels	8.4	9.0	8.9	8.3	8.4	7.9
of which Hard Coal	1.0	0.7	0.3	0.3	0.2	0.4
Petroleum and Products	14.0	16.1	18.1	17.8	17.0	15.1
of which Crude and NGL	15.0	19.7	18.9	18.2	17.4	19.6
Gases	0.1	1.7	2.4	3.5	3.0	3.2
of which Natural Gas	0.0	1.7	2.4	3.5	3.0	3.2
Nuclear						
Renewables	1.3	1.4	1.6	1.7	1.9	2.2
Waste, Non-Renewable	0.0	0.1	0.0	0.0	0.0	0.0
Electricity	0.1	0.0	0.3	0.5	0.4	0.5
Primary Energy Intensity	**23.4**	**27.5**	**30.6**	**30.9**	**29.8**	**27.7**
Final Non-Energy Consumption	**0.5**	**0.7**	**0.8**	**0.9**	**0.9**	**1.1**
Final Energy Consumption	**15.7**	**18.6**	**20.8**	**21.3**	**20.5**	**19.0**
by Fuel/Product						
Solid Fuels	1.0	0.9	0.5	0.4	0.2	0.3
Petroleum and Products	10.7	12.6	14.3	13.9	13.7	12.1
Gases	0.0	0.3	0.6	0.8	0.8	0.8
Solar Energy	0.1	0.1	0.1	0.2	0.2	0.2
Biomass and Renewable Wastes	0.9	0.9	1.0	1.0	0.9	1.0
Geothermal Energy	0.0	0.0	0.0	0.0	0.0	0.0
Waste, Non-Renewable						
Electricity	2.9	3.7	4.4	4.9	4.7	4.6
Derived Heat		0.0	0.0	0.0	0.0	0.0
by Sector						
Industry	4.0	4.4	4.2	4.2	3.5	3.5
Transport	6.4	7.2	8.1	8.5	9.2	8.2
Households	3.3	4.5	5.5	5.2	4.8	4.6
Services	0.9	1.3	1.9	2.2	2.1	1.9
Agriculture	1.0	1.1	1.1	1.1	0.9	0.8
Fishing			0.0	0.0	0.0	0.0
Other		0.0				

Methodology, Sources and Notes: See Appendix 6 – No 4

Greece

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**9.0**	**10.9**	**13.4**	**14.3**	**14.3**	**15.2**
Combustible Fuels	6.4	7.6	9.7	10.0	10.2	10.6
Nuclear						
Hydro		3.1	3.1	3.2	3.0	3.0
Gross Electricity Generation - TWh	**41.6**	**53.8**	**60.0**	**63.7**	**61.4**	**57.4**
by Fuel - TWh						
Solid Fuels	28.7	34.3	35.5	33.4	34.2	30.8
Petroleum and Products	8.9	8.9	9.2	10.0	7.7	6.1
Gases	0.1	5.9	8.2	13.8	11.0	9.8
Nuclear						
Renewables	3.8	4.6	7.0	6.6	8.5	10.5
by Type - TWh						
Main Activity Electricity only	40.7	50.5	51.9	53.8	52.0	46.5
Main Activity CHP Plants	0.0	2.3	7.1	8.6	7.4	8.4
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.9	1.0	1.1	1.3	2.0	2.5
Combined Heat and Power						
CHP Electrical Capacity - GW			0.2	0.4	0.5	0.6
CHP Electricity Generation - TWh			1.0	1.2	1.8	2.5
CHP in Electricity Generation - %			1.7%	1.9%	3.0%	4.3%
CHP Heat Production - PJ			9.7	9.0	10.8	12.7
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	6 431	7 193	8 056	8 415	9 105	8 020
Motor Gasoline	2 863	3 394	4 086	4 236	4 248	3 867
Gas/Diesel Oil	2 023	2 231	2 465	2 551	3 093	2 745
Final Consumption Biofuels - ktoe				69	78	128
Biogasoline						
Biodiesel				69	78	128
Main Energy Indicators						
Energy Intensity - toe/M€'05	179	178	163	152	151	147
Energy per Capita - kgoe/cap	2 244	2 589	2 827	2 834	2 720	2 551
Final Electricity p/cap - KWh/cap	3 205	3 952	4 584	5 041	4 849	4 698
Primary Efficiency - toe/M€'05	175	174	159	148	147	142
Import Dependency - %	66.7%	69.5%	68.6%	73.3%	67.8%	69.1%
on Solid Fuels	11.0%	8.5%	4.1%	5.0%	2.0%	5.1%
on Hard Coal	95.2%	105.8%	112.4%	126.6%	78.6%	100.5%
on Petroleum Fuels	98.4%	100.2%	97.7%	101.2%	96.7%	98.5%
on Crude and NGL	98.8%	99.5%	95.2%	101.5%	98.0%	99.5%
on Natural Gas		99.1%	99.1%	100.0%	99.7%	99.9%
RES of the Gross Final Energy - %						
Overall RES Share				8.0%	8.2%	
RES-H&C - Heating and Cooling				14.5%	16.1%	
RES-E - Electricity Generation				9.6%	10.5%	
RE-T - Transport				1.0%	1.1%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	101	117	125	123	115	
GHGs Emissions	123	140	146	141	134	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	9 463	10 722	11 242	10 938	10 213	
Carbon Intensity - kg CO_2/toe	4 217	4 141	3 977	3 860	3 754	
CO_2 GDP Intensity - ton CO_2/M€'05	753	739	647	587	568	

Methodology, Sources and Notes: See Appendix 6 – No 4

Spain

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**31.4**	**31.6**	**30.0**	**30.4**	**30.0**	**34.3**
Solid Fuels	10.2	8.0	6.3	4.2	3.6	3.0
of which Hard Coal	8.3	6.5	5.1	4.2	3.6	3.0
Petroleum and Products	0.8	0.2	0.2	0.2	0.3	0.4
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	0.1	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	15.2	13.6	16.0
Renewables	5.5	6.9	8.4	10.3	12.2	14.7
Waste, Non-Renewable	0.2	0.2	0.2	0.3	0.3	0.2
Net Imports	**75.5**	**99.5**	**124.0**	**122.4**	**110.2**	**106.3**
Solid Fuels	8.6	12.8	14.4	11.1	9.0	6.7
of which Hard Coal	8.1	13.3	14.7	11.3	9.0	6.8
Petroleum and Products	59.0	70.9	79.4	76.8	70.8	68.9
of which Crude and NGL	55.4	57.9	60.1	59.0	52.8	52.9
Gases	7.5	15.5	30.2	35.2	30.9	30.9
of which Natural Gas	7.5	15.5	30.2	35.2	30.9	30.9
Renewables				0.2	0.2	0.4
Electricity	0.4	0.4	-0.1	-0.9	-0.7	-0.7
Gross Inland Consumption	**102.2**	**124.0**	**144.3**	**142.0**	**130.3**	**130.2**
Solid Fuels	19.0	20.9	20.6	14.0	10.5	7.8
of which Hard Coal	16.7	19.8	19.8	14.3	10.6	8.0
Petroleum and Products	55.0	64.2	70.6	67.9	63.0	60.6
of which Crude and NGL	55.9	57.5	60.1	59.1	53.1	53.2
Gases	7.8	15.3	29.9	35.0	31.3	31.2
of which Natural Gas	7.7	15.2	29.8	34.9	31.2	31.2
Nuclear	14.3	16.0	14.8	15.2	13.6	16.0
Renewables	5.5	6.9	8.4	10.6	12.3	15.1
Waste, Non-Renewable	0.2	0.2	0.2	0.3	0.3	0.2
Electricity	0.4	0.4	-0.1	-0.9	-0.7	-0.7
Primary Energy Intensity	**94.3**	**114.6**	**136.0**	**134.3**	**123.2**	**123.2**
Final Non-Energy Consumption	**7.9**	**9.4**	**8.3**	**7.7**	**7.2**	**7.0**
Final Energy Consumption	**63.7**	**79.5**	**97.5**	**95.6**	**88.8**	**90.6**
by Fuel/Product						
Solid Fuels	2.2	1.8	1.7	1.6	1.2	1.3
Petroleum and Products	39.2	46.0	53.2	51.5	47.6	46.8
Gases	6.8	12.1	18.0	15.0	13.3	14.6
Solar Energy	0.0	0.0	0.1	0.1	0.2	0.2
Biomass and Renewable Wastes	3.2	3.4	3.7	4.3	4.9	5.4
Geothermal Energy	0.0	0.0	0.0	0.0	0.0	0.0
Waste, Non-Renewable	0.1					
Electricity	12.1	16.2	20.8	23.1	21.8	22.4
Derived Heat						
by Sector						
Industry	20.5	25.4	31.0	26.3	21.9	23.4
Transport	26.2	32.9	39.7	40.4	37.9	37.2
Households	10.0	12.0	15.1	15.8	15.9	16.5
Services	4.3	6.7	8.4	9.7	9.8	10.1
Agriculture	2.2	2.6	3.1	2.7	2.4	2.3
Fishing					0.0	0.0
Other	0.5	0.0	0.2	0.8	1.0	1.1

Methodology, Sources and Notes: See Appendix 6 – No 4

Spain

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**46.1**	**54.2**	**77.3**	**94.4**	**97.4**	**102.7**
Combustible Fuels	21.9	26.2	40.8	47.8	47.8	50.5
Nuclear	7.1	7.5	7.6	7.4	7.4	7.4
Hydro		18.0	18.2	18.5	18.5	18.5
Gross Electricity Generation - TWh	**167.1**	**224.5**	**294.1**	**313.8**	**294.6**	**303.1**
by Fuel - TWh						
Solid Fuels	65.9	79.1	79.1	48.7	35.9	25.3
Petroleum and Products	14.6	22.6	24.4	18.0	19.2	16.6
Gases	4.9	21.9	80.7	122.1	108.8	97.6
Nuclear	55.5	62.2	57.5	59.0	52.8	62.0
Renewables	25.9	38.0	46.9	64.9	76.8	100.7
by Type - TWh						
Main Activity Electricity only	156.3	196.0	253.9	275.9	256.5	262.4
Main Activity CHP Plants	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer Electricity only	1.6	2.3	1.5	6.0	6.3	9.2
Autoproducer CHP Plants	9.2	26.1	38.7	31.9	31.9	31.6
Combined Heat and Power						
CHP Electrical Capacity - GW			3.1	3.6	3.7	3.4
CHP Electricity Generation - TWh			22.9	22.0	22.0	22.4
CHP in Electricity Generation - %			7.8%	7.0%	7.5%	7.4%
CHP Heat Production - PJ			192.5	180.6	172.7	153.3
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	25 824	32 486	38 982	39 397	36 439	35 436
Motor Gasoline	8 969	8 958	7 703	6 515	6 156	5 730
Gas/Diesel Oil	13 279	18 736	25 815	26 874	24 807	24 164
Final Consumption Biofuels - ktoe		72	258	619	1 073	1 436
Biogasoline			113	92	151	230
Biodiesel		72	145	527	921	1 206
Main Energy Indicators						
Energy Intensity - toe/M€'05	161	160	159	144	137	137
Energy per Capita - kgoe/cap	2 594	3 079	3 326	3 113	2 838	2 826
Final Electricity p/cap - KWh/cap	3 578	4 681	5 581	5 894	5 508	5 656
Primary Efficiency - toe/M€'05	149	148	150	136	130	130
Import Dependency - %	71.7%	76.6%	81.5%	81.3%	79.3%	76.7%
on Solid Fuels	45.4%	61.3%	70.1%	79.2%	85.5%	86.0%
on Hard Coal	48.5%	66.8%	74.4%	79.2%	85.0%	85.9%
on Petroleum Fuels	101.5%	101.0%	101.2%	100.4%	98.9%	99.9%
on Crude and NGL	99.1%	100.6%	100.1%	99.8%	99.3%	99.3%
on Natural Gas	97.4%	101.6%	101.4%	100.9%	98.9%	99.2%
RES of the Gross Final Energy - %						
Overall RES Share				11.2%	13.3%	
RES-H&C - Heating and Cooling				12.1%	13.4%	
RES-E - Electricity Generation				24.6%	28.8%	
RE-T - Transport				2.0%	3.5%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	271	334	402	376	337	
GHGs Emissions	332	409	472	447	408	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	6 878	8 297	9 253	8 250	7 341	
Carbon Intensity - kg CO_2/toe	2 652	2 695	2 782	2 650	2 587	
CO_2 GDP Intensity - ton CO_2/M€'05	428	431	442	381	355	

Methodology, Sources and Notes: See Appendix 6 – No 4

France

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**127.0**	**129.9**	**136.0**	**135.9**	**128.4**	**135.0**
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	3.1	2.0	1.5	1.9	1.6	1.6
of which Crude and NGL	3.0	1.7	1.2	1.0	1.0	0.9
Gases	2.8	1.5	0.9	0.8	0.8	0.6
of which Natural Gas	2.8	1.5	0.9	0.8	0.8	0.6
Nuclear	97.3	107.1	116.5	113.4	105.7	110.5
Renewables	17.0	15.9	15.6	18.5	19.0	20.8
Waste, Non-Renewable	0.7	0.9	1.1	1.2	1.2	1.2
Net Imports	**116.9**	**134.4**	**144.4**	**139.5**	**133.9**	**133.6**
Solid Fuels	9.1	13.0	13.5	14.2	10.3	12.2
of which Hard Coal	8.7	12.4	12.8	13.9	9.9	11.3
Petroleum and Products	86.3	91.6	95.4	90.1	86.9	84.4
of which Crude and NGL	78.5	87.2	85.6	84.4	73.0	65.5
Gases	27.5	35.8	40.7	39.0	38.8	39.6
of which Natural Gas	27.5	35.8	40.7	39.0	38.8	39.6
Renewables		0.0	-0.1	0.3	0.1	0.2
Electricity	-6.0	-6.0	-5.2	-4.1	-2.2	-2.6
Gross Inland Consumption	**241.2**	**257.8**	**276.6**	**271.9**	**260.0**	**268.6**
Solid Fuels	16.1	15.0	14.3	12.9	11.2	12.0
of which Hard Coal	14.9	14.2	13.8	12.7	10.5	11.2
Petroleum and Products	86.5	89.1	93.3	89.8	86.5	83.9
of which Crude and NGL	82.0	88.5	87.2	85.4	74.4	66.7
Gases	29.6	35.8	41.0	39.9	38.5	42.5
of which Natural Gas	29.6	35.8	41.0	39.9	38.5	42.5
Nuclear	97.3	107.1	116.5	113.4	105.7	110.5
Renewables	17.0	15.9	15.6	18.9	19.1	21.0
Waste, Non-Renewable	0.7	0.9	1.1	1.2	1.2	1.2
Electricity	-6.0	-6.0	-5.2	-4.1	-2.2	-2.6
Primary Energy Intensity	**225.4**	**241.6**	**262.1**	**258.2**	**247.9**	**256.6**
Final Non-Energy Consumption	**15.9**	**16.2**	**14.5**	**13.8**	**12.1**	**12.0**
Final Energy Consumption	**142.8**	**154.5**	**162.4**	**160.2**	**154.4**	**158.8**
by Fuel/Product						
Solid Fuels	6.5	5.8	5.2	5.2	3.9	4.5
Petroleum and Products	69.1	72.4	73.3	70.0	67.7	66.7
Gases	27.3	30.9	33.7	32.3	30.6	32.5
Solar Energy	0.0	0.0	0.0	0.0	0.1	0.1
Biomass and Renewable Wastes	9.7	8.8	9.2	11.2	11.8	12.8
Geothermal Energy	0.1	0.1	0.1	0.1	0.1	0.1
Waste, Non-Renewable	0.1	0.2	0.2	0.3	0.3	0.3
Electricity	29.5	33.1	36.4	37.2	35.9	38.2
Derived Heat	0.6	3.2	4.2	3.8	4.0	3.7
by Sector						
Industry	36.2	37.2	35.8	34.1	29.3	31.2
Transport	45.3	50.7	50.5	51.0	50.1	50.3
Households	35.7	45.3	43.8	42.6	42.9	44.0
Services	20.5	13.6	20.6	21.0	22.2	23.4
Agriculture	3.6	3.8	3.8	3.8	3.6	3.5
Fishing	0.4	0.4	0.4	0.3	0.3	0.3
Other	1.0	3.5	7.4	7.3	5.9	5.9

Methodology, Sources and Notes: See Appendix 6 – No 4

France

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**107.6**	**114.7**	**116.8**	**119.0**	**120.4**	**125.9**
Combustible Fuels	23.9	26.1	26.4	25.6	25.6	28.6
Nuclear	58.5	63.2	63.3	63.3	63.1	63.1
Hydro		25.1	25.1	25.1	25.3	25.5
Gross Electricity Generation - TWh	**494.1**	**540.7**	**576.2**	**574.1**	**539.3**	**569.0**
by Fuel - TWh						
Solid Fuels	24.2	27.0	27.5	23.1	21.7	23.4
Petroleum and Products	7.7	7.2	7.9	5.9	4.8	5.8
Gases	6.2	15.4	26.3	25.3	26.2	26.6
Nuclear	377.2	415.2	451.5	439.4	409.7	428.5
Renewables	78.3	75.0	61.3	78.6	74.9	82.6
by Type - TWh						
Main Activity Electricity only	468.8	519.4	543.0	541.1	513.8	543.3
Main Activity CHP Plants	0.0	5.5	11.4	12.1	10.6	12.6
Autoproducer Electricity only	23.2	5.7	8.4	8.7	7.8	7.3
Autoproducer CHP Plants	2.1	10.2	13.4	12.1	7.1	5.8
Combined Heat and Power						
CHP Electrical Capacity - GW			6.6	5.1	5.7	4.6
CHP Electricity Generation - TWh			23.2	18.0	23.4	15.7
CHP in Electricity Generation - %			4.0%	3.1%	4.3%	2.8%
CHP Heat Production - PJ			209.2	181.9	197.4	173.9
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	44 298	49 347	49 025	47 498	46 499	46 541
Motor Gasoline	16 392	14 425	11 296	8 953	8 638	7 979
Gas/Diesel Oil	23 137	27 940	30 759	31 109	31 040	31 754
Final Consumption Biofuels - ktoe	159	329	400	2 271	2 454	2 420
Biogasoline	24	58	70	411	392	399
Biodiesel	134	271	329	1 860	2 062	2 022
Main Energy Indicators						
Energy Intensity - toe/M€'05	174	163	161	151	149	151
Energy per Capita - kgoe/cap	4 060	4 246	4 393	4 239	4 031	4 142
Final Electricity p/cap - KWh/cap	5 770	6 338	6 715	6 746	6 480	6 848
Primary Efficiency - toe/M€'05	162	152	153	143	142	144
Import Dependency - %	48.0%	51.5%	51.7%	50.8%	51.0%	49.3%
on Solid Fuels	56.8%	86.4%	94.5%	109.8%	91.7%	101.0%
on Hard Coal	58.0%	87.3%	92.9%	109.7%	94.0%	100.6%
on Petroleum Fuels	96.9%	99.5%	99.4%	97.6%	97.6%	97.7%
on Crude and NGL	95.8%	98.5%	98.2%	98.8%	98.2%	98.2%
on Natural Gas	93.0%	100.0%	99.3%	97.8%	100.9%	93.0%
RES of the Gross Final Energy - %						
Overall RES Share				11.4%	12.3%	
RES-H&C - Heating and Cooling				13.4%	15.1%	
RES-E - Electricity Generation				14.8%	15.5%	
RE-T - Transport				5.6%	6.0%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	410	432	445	416	397	
GHGs Emissions	577	591	593	565	541	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	6 907	7 122	7 061	6 485	6 159	
Carbon Intensity - kg CO_2/toe	1 701	1 677	1 607	1 530	1 528	
CO_2 GDP Intensity - ton CO_2/M€'05	296	273	259	231	227	

Methodology, Sources and Notes: See Appendix 6 – No 4

Italy

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**29.8**	**28.3**	**28.1**	**27.8**	**27.9**	**30.9**
Solid Fuels	0.0	0.0	0.1	0.1	0.0	0.1
of which Hard Coal			0.1	0.1	0.0	0.1
Petroleum and Products	5.5	4.8	6.5	6.5	5.8	6.7
of which Crude and NGL	5.3	4.6	6.2	5.3	4.6	5.2
Gases	16.6	13.6	9.9	7.6	6.6	6.9
of which Natural Gas	16.3	13.6	9.9	7.6	6.6	6.9
Nuclear						
Renewables	7.5	9.6	11.0	12.9	14.7	16.3
Waste, Non-Renewable	0.2	0.3	0.7	0.8	0.7	0.9
Net Imports	**135.6**	**153.6**	**161.0**	**157.1**	**142.6**	**149.5**
Solid Fuels	13.0	13.1	16.4	16.6	12.4	14.3
of which Hard Coal	12.6	12.9	15.9	16.6	12.6	14.5
Petroleum and Products	90.6	89.1	79.9	73.5	68.4	68.1
of which Crude and NGL	74.6	84.7	89.8	82.8	77.2	79.4
Gases	28.5	47.0	59.8	62.8	56.6	61.6
of which Natural Gas	28.5	47.0	59.8	62.8	56.6	61.6
Renewables	0.2	0.5	0.7	0.8	1.3	1.7
Electricity	3.2	3.8	4.2	3.4	3.9	3.8
Gross Inland Consumption	**162.9**	**175.8**	**188.5**	**181.7**	**170.0**	**175.5**
Solid Fuels	12.3	12.6	16.5	16.3	12.8	14.2
of which Hard Coal	11.9	12.2	16.0	16.4	12.9	14.3
Petroleum and Products	94.7	91.1	84.9	78.0	72.7	70.5
of which Crude and NGL	80.4	89.0	95.5	88.4	81.6	84.1
Gases	44.9	57.9	70.7	69.5	63.9	68.1
of which Natural Gas	44.7	57.9	70.7	69.5	63.9	68.1
Nuclear						
Renewables	7.7	10.1	11.6	13.6	16.0	18.0
Waste, Non-Renewable	0.2	0.3	0.7	0.8	0.7	0.9
Electricity	3.2	3.8	4.2	3.4	3.9	3.8
Primary Energy Intensity	**153.2**	**167.4**	**179.9**	**172.7**	**161.5**	**166.0**
Final Non-Energy Consumption	**9.7**	**8.4**	**8.6**	**8.9**	**8.5**	**9.6**
Final Energy Consumption	**114.6**	**124.7**	**134.6**	**128.2**	**121.1**	**124.8**
by Fuel/Product						
Solid Fuels	3.9	3.6	4.0	3.3	1.8	2.9
Petroleum and Products	54.1	57.8	59.0	55.7	51.1	48.9
Gases	34.7	38.0	40.6	36.6	36.1	38.5
Solar Energy	0.0	0.0	0.0	0.1	0.1	0.1
Biomass and Renewable Wastes	1.1	1.5	1.7	2.5	3.8	5.0
Geothermal Energy	0.2	0.2	0.2	0.2	0.2	0.1
Waste, Non-Renewable	0.1	0.1	0.1	0.1		0.1
Electricity	20.5	23.5	25.9	26.6	24.9	25.7
Derived Heat			3.1	3.2	3.1	3.3
by Sector						
Industry	36.0	39.7	39.9	36.4	29.8	31.1
Transport	38.6	42.5	44.9	44.1	42.3	42.0
Households	26.3	27.5	31.2	27.3	28.7	31.4
Services	9.8	11.4	14.9	16.9	16.8	17.0
Agriculture	3.0	3.0	3.1	2.9	3.1	3.0
Fishing	0.2	0.2	0.3	0.2	0.2	0.2
Other	0.6	0.4	0.4	0.3	0.4	0.2

Methodology, Sources and Notes: See Appendix 6 – No 4

Italy

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**66.1**	**76.2**	**86.6**	**100.1**	**103.3**	**108.7**
Combustible Fuels	45.5	54.0	61.9	72.4	73.0	74.7
Nuclear						
Hydro		20.3	21.0	21.3	21.4	21.5
Gross Electricity Generation - TWh	**241.5**	**276.6**	**303.7**	**319.1**	**292.6**	**302.1**
by Fuel - TWh						
Solid Fuels	24.1	26.3	43.6	43.1	39.7	39.7
Petroleum and Products	120.8	85.9	47.1	31.5	25.9	21.7
Gases	50.4	105.6	155.1	178.2	150.9	157.4
Nuclear						
Renewables	45.6	57.6	55.3	63.8	73.6	80.3
by Type - TWh						
Main Activity Electricity only	200.1	216.5	206.9	214.4	190.2	188.5
Main Activity CHP Plants	1.2	60.1	77.0	85.9	82.2	89.7
Autoproducer Electricity only	12.2	0.0	2.4	1.8	2.0	2.1
Autoproducer CHP Plants	28.0	0.0	17.4	17.0	18.2	21.7
Combined Heat and Power						
CHP Electrical Capacity - GW			5.9	6.7	7.7	7.4
CHP Electricity Generation - TWh			27.4	30.5	29.9	34.7
CHP in Electricity Generation - %			9.0%	9.5%	10.2%	11.5%
CHP Heat Production - PJ			193.1	198.4	180.8	202.5
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	37 665	41 461	43 454	41 879	39 621	38 878
Motor Gasoline	18 279	17 556	14 175	11 443	10 953	10 270
Gas/Diesel Oil	15 238	18 415	23 821	24 558	23 155	22 885
Final Consumption Biofuels - ktoe			176	754	1 180	1 466
Biogasoline				89	117	155
Biodiesel			176	665	1 063	1 311
Main Energy Indicators						
Energy Intensity - toe/M€'05	131	129	131	123	122	124
Energy per Capita - kgoe/cap	2 867	3 087	3 217	3 036	2 824	2 902
Final Electricity p/cap - KWh/cap	4 192	4 794	5 134	5 170	4 818	4 949
Primary Efficiency - toe/M€'05	123	122	125	117	116	117
Import Dependency - %	82.0%	86.5%	84.4%	85.3%	82.7%	83.8%
on Solid Fuels	105.9%	104.6%	99.4%	101.8%	97.4%	100.9%
on Hard Coal	105.6%	105.7%	99.7%	100.8%	97.5%	101.5%
on Petroleum Fuels	93.3%	96.0%	91.7%	91.3%	91.2%	92.7%
on Crude and NGL	92.8%	95.1%	94.0%	93.7%	94.6%	94.5%
on Natural Gas	63.9%	81.1%	84.7%	90.3%	88.6%	90.5%
RES of the Gross Final Energy - %						
Overall RES Share				7.0%	8.9%	
RES-H&C - Heating and Cooling				5.9%	8.2%	
RES-E - Electricity Generation				16.6%	18.8%	
RE-T - Transport				2.4%	3.8%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	456	476	506	485	433	
GHGs Emissions	540	564	591	560	507	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	8 016	8 357	8 636	8 098	7 201	
Carbon Intensity - kg CO_2/toe	2 796	2 707	2 685	2 667	2 550	
CO_2 GDP Intensity - ton CO_2/M€'05	366	348	352	328	311	

Methodology, Sources and Notes: See Appendix 6 – No 4

Cyprus

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
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
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Net Imports	**2.1**	**2.5**	**2.8**	**3.0**	**2.9**	**2.9**
Solid Fuels	0.1	0.0	0.0	0.0	0.0	0.0
of which Hard Coal	0.1	0.0	0.0	0.0	0.0	0.0
Petroleum and Products	2.0	2.5	2.8	3.0	2.9	2.9
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**	**2.9**	**2.8**	**2.7**
Solid Fuels	0.1	0.0	0.0	0.0	0.0	0.0
of which Hard Coal	0.1	0.0	0.0	0.0	0.0	0.0
Petroleum and Products	1.9	2.3	2.4	2.7	2.7	2.6
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
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Electricity						
Primary Energy Intensity	**1.9**	**2.3**	**2.4**	**2.8**	**2.7**	**2.6**
Final Non-Energy Consumption	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**	**0.1**
Final Energy Consumption	**1.5**	**1.6**	**1.8**	**2.0**	**1.9**	**1.9**
by Fuel/Product						
Solid Fuels	0.1	0.0	0.0	0.0	0.0	0.0
Petroleum and Products	1.2	1.3	1.4	1.4	1.4	1.4
Gases						
Solar Energy	0.0	0.0	0.0	0.1	0.1	0.1
Biomass and Renewable Wastes	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal Energy				0.0	0.0	0.0
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Electricity	0.2	0.3	0.3	0.4	0.4	0.4
Derived Heat						
by Sector						
Industry	0.4	0.4	0.3	0.3	0.3	0.2
Transport	0.8	0.8	1.0	1.0	1.0	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	0.0	0.0	0.0	0.0	0.0	0.0
Fishing			0.0	0.0	0.0	0.0
Other	0.1	0.1	0.0	0.1	0.1	0.1

Methodology, Sources and Notes: See Appendix 6 – No 4

Cyprus

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW		**1.0**	**1.1**	**1.2**	**1.4**	**1.5**
Combustible Fuels		1.0	1.1	1.2	1.4	1.4
Nuclear						
Hydro						
Gross Electricity Generation - TWh	**2.5**	**3.4**	**4.4**	**5.1**	**5.2**	**5.3**
by Fuel - TWh						
Solid Fuels						
Petroleum and Products	2.5	3.4	4.4	5.1	5.2	5.2
Gases						
Nuclear						
Renewables			0.0	0.0	0.0	0.0
by Type - TWh						
Main Activity Electricity only	2.5	3.4	4.3	5.0	5.2	5.3
Main Activity CHP Plants	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.0	0.0	0.0	0.1	0.0	0.0
Combined Heat and Power						
CHP Electrical Capacity - GW			0.0	0.0	0.0	0.0
CHP Electricity Generation - TWh			0.0	0.0	0.0	0.1
CHP in Electricity Generation - %			0.3%	0.3%	0.4%	1.0%
CHP Heat Production - PJ			0.1	0.1	0.1	0.1
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	749	848	969	1 024	1 004	1 024
Motor Gasoline	192	216	318	392	403	410
Gas/Diesel Oil	290	356	352	338	329	337
Final Consumption Biofuels - ktoe				14	15	15
Biogasoline						
Biodiesel				14	15	15
Main Energy Indicators						
Energy Intensity - toe/M€'05	207	206	185	187	185	178
Energy per Capita - kgoe/cap	3 073	3 448	3 323	3 626	3 505	3 380
Final Electricity p/cap - KWh/cap	3 415	4 317	5 226	5 843	5 938	6 082
Primary Efficiency - toe/M€'05	201	199	180	182	180	172
Import Dependency - %	100.4%	98.6%	100.7%	97.6%	96.4%	100.9%
on Solid Fuels	100.0%	102.0%	121.1%	102.5%	123.6%	65.6%
on Hard Coal	100.0%	102.0%	121.2%	102.5%	123.8%	65.4%
on Petroleum Fuels	102.6%	100.3%	102.3%	100.1%	98.9%	104.2%
on Crude and NGL	96.3%	98.5%				
on Natural Gas						
RES of the Gross Final Energy - %						
Overall RES Share				4.1%	4.6%	
RES-H&C - Heating and Cooling				12.7%	14.6%	
RES-E - Electricity Generation				0.3%	0.6%	
RE-T - Transport				1.9%	2.0%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	6	9	10	10	9	
GHGs Emissions	8	11	11	11	10	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	9 841	13 244	12 551	12 414	11 291	
Carbon Intensity - kg CO_2/toe	3 202	3 841	3 777	3 424	3 221	
CO_2 GDP Intensity - ton CO_2/M€'05	664	792	699	639	597	

Methodology, Sources and Notes: See Appendix 6 – No 4

Latvia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**1.4**	**1.4**	**1.9**	**1.8**	**2.1**	**2.1**
Solid Fuels	0.1	0.0	0.0	0.0	0.0	0.0
of which Hard Coal						
Petroleum and Products			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	1.8	2.1	2.1
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Net Imports	**3.4**	**2.2**	**3.0**	**2.8**	**2.7**	**2.0**
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	1.1	1.7	1.7	1.6	1.4
of which Crude and NGL						
Gases	1.0	1.1	1.4	1.1	1.4	0.9
of which Natural Gas	1.0	1.1	1.4	1.1	1.4	0.9
Renewables	-0.1	-0.2	-0.4	-0.4	-0.5	-0.6
Electricity	0.2	0.2	0.2	0.2	0.1	0.1
Gross Inland Consumption	**4.6**	**3.7**	**4.5**	**4.6**	**4.3**	**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	1.2	1.4	1.6	1.3	1.3
of which Crude and NGL						
Gases	1.0	1.1	1.4	1.3	1.2	1.5
of which Natural Gas	1.0	1.1	1.4	1.3	1.2	1.5
Nuclear						
Renewables	1.3	1.2	1.5	1.4	1.6	1.6
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Electricity	0.2	0.2	0.2	0.2	0.1	0.1
Primary Energy Intensity	**4.6**	**3.7**	**4.4**	**4.5**	**4.3**	**4.5**
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**	**4.2**	**4.0**	**4.3**
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	1.5	1.4	1.5
Gases	0.4	0.3	0.5	0.5	0.4	0.5
Solar Energy						
Biomass and Renewable Wastes	0.9	0.8	1.0	0.9	1.1	1.1
Geothermal Energy						
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Electricity	0.4	0.4	0.5	0.6	0.5	0.5
Derived Heat	0.9	0.6	0.6	0.5	0.5	0.6
by Sector						
Industry	0.7	0.6	0.7	0.7	0.7	0.8
Transport	0.7	0.7	1.1	1.3	1.1	1.2
Households	1.6	1.3	1.5	1.5	1.5	1.5
Services	0.6	0.5	0.6	0.6	0.6	0.6
Agriculture	0.1	0.1	0.1	0.1	0.1	0.1
Fishing	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0		0.0	0.0	0.0	0.0

Methodology, Sources and Notes: See Appendix 6 – No 4

Latvia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**2.1**	**2.1**	**2.2**	**2.2**	**2.5**	**2.6**
Combustible Fuels	0.6	0.6	0.6	0.6	0.9	1.0
Nuclear						
Hydro		1.5	1.5	1.5	1.5	1.6
Gross Electricity Generation - TWh	**4.0**	**4.1**	**4.9**	**5.3**	**5.6**	**6.6**
by Fuel - TWh						
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	2.1	2.0	3.0
Nuclear						
Renewables	2.9	2.8	3.4	3.2	3.6	3.6
by Type - TWh						
Main Activity Electricity only	2.9	2.8	3.4	3.2	3.5	3.6
Main Activity CHP Plants	1.0	1.3	1.5	2.0	2.0	3.0
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.1	0.0	0.1	0.1	0.1	0.1
Combined Heat and Power						
CHP Electrical Capacity - GW			0.6	0.5	0.3	0.9
CHP Electricity Generation - TWh			1.5	1.8	1.1	3.0
CHP in Electricity Generation - %			30.7%	33.6%	19.7%	45.0%
CHP Heat Production - PJ			11.9	8.2	4.9	10.4
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	700	735	1 052	1 268	1 130	1 175
Motor Gasoline	430	347	352	389	326	300
Gas/Diesel Oil	242	341	615	758	681	734
Final Consumption Biofuels - ktoe			3	2	4	27
Biogasoline					3	8
Biodiesel			3	2	2	19
Main Energy Indicators						
Energy Intensity - toe/M€'05	685	430	347	302	345	363
Energy per Capita - kgoe/cap	1 861	1 577	1 949	2 027	1 920	2 099
Final Electricity p/cap - KWh/cap	1 797	1 887	2 490	2 925	2 707	2 875
Primary Efficiency - toe/M€'05	678	421	339	294	339	357
Import Dependency - %	70.4%	59.7%	63.0%	57.9%	58.8%	41.6%
on Solid Fuels	61.4%	46.1%	94.3%	97.4%	91.3%	102.8%
on Hard Coal	92.9%	82.5%	96.7%	101.2%	93.8%	106.6%
on Petroleum Fuels	102.6%	94.3%	102.4%	99.0%	99.4%	93.6%
on Crude and NGL						
on Natural Gas	99.0%	101.9%	105.6%	82.2%	114.1%	61.8%
RES of the Gross Final Energy - %						
Overall RES Share				29.8%	34.3%	32.6%
RES-H&C - Heating and Cooling				42.9%	47.9%	43.8%
RES-E - Electricity Generation				38.7%	42.0%	42.0%
RE-T - Transport				0.9%	1.2%	3.3%
Gas Emissions - mio ton CO_2						
CO_2 Emissions	10	7	9	9	8	
GHGs Emissions	13	10	12	13	12	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	3 860	2 997	3 817	4 033	3 619	
Carbon Intensity - kg CO_2/toe	2 074	1 900	1 959	1 990	1 885	
CO_2 GDP Intensity - ton CO_2/M€'05	1 420	817	679	600	651	

Methodology, Sources and Notes: See Appendix 6 – No 4

Lithuania

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**3.8**	**3.3**	**3.9**	**3.8**	**4.2**	**1.3**
Solid Fuels	0.0	0.0	0.0	0.0	0.0	0.0
of which Hard Coal						
Petroleum and Products	0.1	0.3	0.2	0.2	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	2.6	2.8	
Renewables	0.5	0.7	0.9	1.1	1.2	1.2
Waste, Non-Renewable						
Net Imports	**5.6**	**4.3**	**5.1**	**5.5**	**4.3**	**5.7**
Solid Fuels	0.2	0.1	0.2	0.2	0.1	0.2
of which Hard Coal	0.2	0.1	0.2	0.2	0.1	0.2
Petroleum and Products	3.7	2.3	2.7	2.9	2.4	2.7
of which Crude and NGL	3.2	4.6	9.0	9.2	8.4	9.1
Gases	2.0	2.1	2.5	2.5	2.2	2.5
of which Natural Gas	2.0	2.1	2.5	2.5	2.2	2.5
Renewables	0.0	0.0	0.0	0.0	-0.1	-0.1
Electricity	-0.2	-0.1	-0.3	-0.1	-0.3	0.5
Gross Inland Consumption	**8.7**	**7.2**	**8.8**	**9.4**	**8.5**	**6.9**
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	0.1	0.2
Petroleum and Products	3.1	2.2	2.8	3.0	2.5	2.6
of which Crude and NGL	3.2	4.9	9.4	9.4	8.6	9.1
Gases	2.0	2.1	2.5	2.6	2.2	2.5
of which Natural Gas	2.0	2.1	2.5	2.6	2.2	2.5
Nuclear	3.1	2.2	2.7	2.6	2.8	
Renewables	0.5	0.7	0.9	1.0	1.1	1.1
Waste, Non-Renewable						
Electricity	-0.2	-0.1	-0.3	-0.1	-0.3	0.5
Primary Energy Intensity	**8.2**	**6.5**	**8.0**	**8.2**	**7.8**	**6.2**
Final Non-Energy Consumption	**0.5**	**0.7**	**0.8**	**1.2**	**0.7**	**0.7**
Final Energy Consumption	**4.6**	**3.8**	**4.6**	**5.1**	**4.6**	**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	1.9	1.6	1.6
Gases	0.5	0.4	0.5	0.6	0.5	0.6
Solar Energy						
Biomass and Renewable Wastes	0.4	0.6	0.7	0.8	0.7	0.7
Geothermal Energy						
Waste, Non-Renewable						
Electricity	0.5	0.5	0.7	0.8	0.7	0.7
Derived Heat	1.2	0.8	0.9	0.9	0.9	0.9
by Sector						
Industry	1.0	0.8	1.0	1.0	0.8	0.9
Transport	1.0	1.1	1.4	1.8	1.5	1.5
Households	1.6	1.4	1.5	1.6	1.6	1.6
Services	0.7	0.5	0.6	0.6	0.6	0.6
Agriculture	0.2	0.1	0.1	0.1	0.1	0.1
Fishing			0.0	0.0	0.0	0.0
Other			0.0	0.0	0.0	0.0

Methodology, Sources and Notes: See Appendix 6 – No 4

Lithuania

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**5.9**	**5.7**	**4.6**	**4.7**	**4.7**	**3.6**
Combustible Fuels	2.5	2.5	2.5	2.5	2.5	2.5
Nuclear	2.7	2.4	1.2	1.2	1.2	
Hydro		0.9	0.9	0.9	0.9	0.9
Gross Electricity Generation - TWh	**13.9**	**11.4**	**14.8**	**13.9**	**15.4**	**5.7**
by Fuel - TWh						
Solid Fuels				0.0		
Petroleum and Products	1.1	0.7	0.4	0.6	0.7	0.6
Gases	0.2	1.6	3.0	2.0	2.1	3.2
Nuclear	11.8	8.4	10.3	9.9	10.9	
Renewables	0.8	0.6	0.8	1.2	1.4	1.7
by Type - TWh						
Main Activity Electricity only	0.8	0.6	0.8	1.1	1.3	1.5
Main Activity CHP Plants	13.1	10.7	13.6	12.3	13.4	3.7
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.1	0.1	0.4	0.5	0.6	0.6
Combined Heat and Power						
CHP Electrical Capacity - GW			1.0	1.1	1.1	1.1
CHP Electricity Generation - TWh			2.3	1.8	2.1	2.0
CHP in Electricity Generation - %			15.5%	12.7%	13.9%	34.6%
CHP Heat Production - PJ			19.9	15.2	16.5	19.3
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	1 032	1 048	1 403	1 750	1 418	1 472
Motor Gasoline	619	391	351	440	369	298
Gas/Diesel Oil	347	511	776	1 026	829	945
Final Consumption Biofuels - ktoe			4	61	52	45
Biogasoline			1	15	14	10
Biodiesel			3	46	38	34
Main Energy Indicators						
Energy Intensity - toe/M€'05	754	497	419	366	392	311
Energy per Capita - kgoe/cap	2 402	2 046	2 574	2 788	2 553	2 088
Final Electricity p/cap - KWh/cap	1 751	1 771	2 336	2 693	2 507	2 535
Primary Efficiency - toe/M€'05	707	451	381	320	359	279
Import Dependency - %	63.4%	59.8%	57.1%	58.2%	50.2%	81.9%
on Solid Fuels	64.2%	88.3%	94.8%	108.1%	76.0%	88.3%
on Hard Coal	69.1%	100.0%	102.5%	115.4%	81.8%	93.1%
on Petroleum Fuels	114.1%	100.1%	92.0%	92.5%	90.1%	98.7%
on Crude and NGL	99.5%	94.5%	95.3%	97.4%	98.4%	99.0%
on Natural Gas	100.0%	100.0%	100.6%	96.3%	100.4%	99.7%
RES of the Gross Final Energy - %						
Overall RES Share				15.3%	17.0%	
RES-H&C - Heating and Cooling				28.0%	29.5%	
RES-E - Electricity Generation				4.9%	5.9%	
RE-T - Transport				4.1%	4.2%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	16	12	15	16	14	
GHGs Emissions	22	20	23	25	22	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	4 354	3 540	4 327	4 627	4 045	
Carbon Intensity - kg CO_2/toe	1 812	1 730	1 681	1 660	1 584	
CO_2 GDP Intensity - ton CO_2/M€'05	1 367	859	705	608	621	

Methodology, Sources and Notes: See Appendix 6 – No 4

Luxembourg

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
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						
of which Natural Gas						
Nuclear						
Renewables	0.0	0.0	0.1	0.1	0.1	0.1
Waste, Non-Renewable	0.0	0.0	0.0	0.0	0.0	0.0
Net Imports	**3.2**	**3.6**	**4.7**	**4.5**	**4.3**	**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	0.1
Petroleum and Products	1.8	2.3	3.1	2.9	2.7	2.9
of which Crude and NGL						
Gases	0.6	0.7	1.2	1.1	1.1	1.2
of which Natural Gas	0.6	0.7	1.2	1.1	1.1	1.2
Renewables			0.0	0.0	0.0	0.0
Electricity	0.4	0.5	0.3	0.4	0.3	0.3
Gross Inland Consumption	**3.3**	**3.6**	**4.8**	**4.6**	**4.4**	**4.7**
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	0.1
Petroleum and Products	1.8	2.3	3.2	2.9	2.7	2.9
of which Crude and NGL						
Gases	0.6	0.7	1.2	1.1	1.1	1.2
of which Natural Gas	0.6	0.7	1.2	1.1	1.1	1.2
Nuclear						
Renewables	0.0	0.0	0.1	0.1	0.1	0.1
Waste, Non-Renewable	0.0	0.0	0.0	0.0	0.0	0.0
Electricity	0.4	0.5	0.3	0.4	0.3	0.3
Primary Energy Intensity	**3.3**	**3.6**	**4.8**	**4.6**	**4.4**	**4.6**
Final Non-Energy Consumption	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Final Energy Consumption	**3.1**	**3.5**	**4.4**	**4.4**	**4.1**	**4.3**
by Fuel/Product						
Solid Fuels	0.3	0.1	0.1	0.1	0.1	0.1
Petroleum and Products	1.8	2.3	3.1	2.9	2.7	2.9
Gases	0.6	0.6	0.6	0.7	0.6	0.7
Solar Energy			0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.0	0.0	0.0	0.1	0.1	0.1
Geothermal Energy						
Waste, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Electricity	0.4	0.5	0.5	0.6	0.5	0.6
Derived Heat		0.0	0.0	0.0	0.0	0.0
by Sector						
Industry	1.2	0.7	0.7	0.7	0.6	0.7
Transport	1.3	1.9	2.8	2.7	2.5	2.6
Households	0.6	0.5	0.5	0.5	0.5	0.5
Services	0.1	0.4	0.4	0.4	0.4	0.4
Agriculture	0.0	0.0	0.0	0.0	0.0	0.0
Fishing						
Other	0.0	0.0			0.0	

Methodology, Sources and Notes: See Appendix 6 – No 4

Luxembourg

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity 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
Gross Electricity Generation - TWh	**1.2**	**1.2**	**4.1**	**3.6**	**3.9**	**4.6**
by Fuel - TWh						
Solid Fuels						
Petroleum and Products	0.0		0.0	0.0		0.0
Gases	0.2					
Nuclear						
Renewables	0.9	0.9	1.0	1.1	1.0	1.6
by Type - TWh						
Main Activity Electricity only	0.9	0.9	1.0	1.1	1.0	1.6
Main Activity CHP Plants	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer Electricity only	0.2	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.0	0.0	0.0	0.0	0.1	0.1
Combined Heat and Power						
CHP Electrical Capacity - GW			0.1		0.1	0.1
CHP Electricity Generation - TWh			0.4	0.4	0.4	0.4
CHP in Electricity Generation - %			10.1%	11.9%	10.1%	9.6%
CHP Heat Production - PJ			1.2	2.4	3.8	3.2
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	1 305	1 925	2 788	2 639	2 446	2 571
Motor Gasoline	541	608	525	431	396	368
Gas/Diesel Oil	571	993	1 828	1 767	1 628	1 771
Final Consumption Biofuels - ktoe			1	43	41	41
Biogasoline				1	1	1
Biodiesel				42	40	40
Main Energy Indicators						
Energy Intensity - toe/M€'05	176	143	159	136	135	140
Energy per Capita - kgoe/cap	8 111	8 314	10 348	9 510	8 783	9 198
Final Electricity p/cap - KWh/cap	12 224	13 236	13 236	13 512	12 294	13 039
Primary Efficiency - toe/M€'05	175	142	158	136	135	140
Import Dependency - %	97.7%	99.6%	97.4%	97.5%	97.6%	96.8%
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	98.2%	102.2%	99.4%	100.2%	100.1%	99.4%
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 Share				2.6%	2.7%	
RES-H&C - Heating and Cooling				4.2%	4.1%	
RES-E - Electricity Generation				3.6%	4.1%	
RE-T - Transport				2.1%	2.1%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	10	10	13	13	12	
GHGs Emissions	11	11	14	14	13	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	23 732	22 306	28 939	25 794	24 061	
Carbon Intensity - kg CO_2/toe	2 926	2 683	2 796	2 712	2 740	
CO_2 GDP Intensity - ton CO_2/M€'05	514	383	444	369	370	

Methodology, Sources and Notes: See Appendix 6 – No 4

Hungary

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**13.9**	**11.6**	**10.3**	**10.5**	**11.0**	**11.1**
Solid Fuels	3.3	2.9	1.7	1.7	1.6	1.6
of which Hard Coal						
Petroleum and Products	2.3	1.7	1.4	1.3	1.3	1.2
of which Crude and NGL	2.3	1.7	1.4	1.2	1.2	1.1
Gases	3.8	2.5	2.3	2.0	2.3	2.2
of which Natural Gas	3.8	2.5	2.3	2.0	2.3	2.2
Nuclear	3.6	3.7	3.6	3.8	4.0	4.1
Renewables	0.9	0.8	1.2	1.6	1.9	1.9
Waste, Non-Renewable	0.0	0.0	0.1	0.1	0.1	0.1
Net Imports	**12.6**	**14.0**	**17.5**	**17.0**	**14.9**	**15.1**
Solid Fuels	1.4	1.1	1.3	1.4	1.0	1.1
of which Hard Coal	1.2	1.1	1.3	1.7	1.1	1.4
Petroleum and Products	5.5	5.3	5.9	5.9	5.6	5.7
of which Crude and NGL	6.0	5.9	6.0	6.3	5.5	5.8
Gases	5.5	7.3	9.8	9.3	7.8	7.7
of which Natural Gas	5.5	7.3	9.8	9.3	7.8	7.7
Renewables				0.0	0.0	0.1
Electricity	0.2	0.3	0.5	0.3	0.5	0.4
Gross Inland Consumption	**26.3**	**25.3**	**27.7**	**26.8**	**25.4**	**26.0**
Solid Fuels	4.6	3.9	3.0	3.1	2.6	2.7
of which Hard Coal	1.2	1.1	1.2	1.6	1.1	1.4
Petroleum and Products	7.8	7.0	7.2	7.4	7.3	6.8
of which Crude and NGL	8.3	7.5	7.4	7.5	6.8	6.8
Gases	9.2	9.7	12.1	10.6	9.2	9.8
of which Natural Gas	9.2	9.7	12.1	10.6	9.2	9.8
Nuclear	3.6	3.7	3.6	3.8	4.0	4.1
Renewables	0.9	0.8	1.2	1.6	1.8	2.0
Waste, Non-Renewable	0.0	0.0	0.1	0.1	0.1	0.1
Electricity	0.2	0.3	0.5	0.3	0.5	0.4
Primary Energy Intensity	**24.7**	**23.7**	**25.5**	**24.8**	**23.5**	**24.0**
Final Non-Energy Consumption	**1.6**	**1.6**	**2.2**	**2.0**	**1.9**	**2.0**
Final Energy Consumption	**16.2**	**16.1**	**18.2**	**17.1**	**16.4**	**16.7**
by Fuel/Product						
Solid Fuels	1.2	0.7	0.7	0.6	0.5	0.5
Petroleum and Products	4.2	4.2	4.9	5.1	5.0	4.7
Gases	6.4	6.5	7.9	6.3	5.9	6.3
Solar Energy			0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.7	0.7	0.6	0.8	1.0	1.1
Geothermal Energy	0.1	0.1	0.1	0.1	0.1	0.1
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Electricity	2.4	2.5	2.8	3.0	2.9	2.9
Derived Heat	1.3	1.4	1.3	1.2	1.1	1.1
by Sector						
Industry	3.8	3.5	3.4	3.3	2.7	2.9
Transport	2.7	3.3	4.3	4.8	4.8	4.4
Households	6.3	5.6	6.5	5.6	5.5	5.7
Services	2.6	3.0	3.5	2.8	3.0	3.1
Agriculture	0.7	0.7	0.6	0.5	0.4	0.5
Fishing					0.0	0.0
Other	0.1	0.0				

Methodology, Sources and Notes: See Appendix 6 – No 4

Hungary

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**7.4**	**8.3**	**9.0**	**9.0**	**9.3**	**9.6**
Combustible Fuels	5.5	6.4	6.7	6.5	6.6	6.7
Nuclear	1.8	1.9	1.9	1.9	1.9	2.0
Hydro		0.0	0.0	0.1	0.1	0.1
Gross Electricity Generation - TWh	**34.0**	**35.2**	**35.8**	**40.0**	**35.9**	**37.4**
by Fuel - TWh						
Solid Fuels	9.1	9.6	7.0	7.1	6.3	6.2
Petroleum and Products	5.3	4.4	0.5	0.4	0.6	0.5
Gases	5.4	6.7	12.5	15.3	10.5	11.7
Nuclear	14.0	14.2	13.8	14.8	15.4	15.8
Renewables	0.2	0.2	1.9	2.4	2.9	3.0
by Type - TWh						
Main Activity Electricity only	31.8	30.4	27.0	31.3	28.6	29.9
Main Activity CHP Plants	1.4	4.3	8.3	8.3	7.0	7.0
Autoproducer Electricity only	0.2	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.6	0.5	0.4	0.4	0.4	0.4
Combined Heat and Power						
CHP Electrical Capacity - GW			2.1	0.2	0.2	1.9
CHP Electricity Generation - TWh			6.8	8.4	7.4	7.3
CHP in Electricity Generation - %			19.1%	21.1%	20.5%	19.6%
CHP Heat Production - PJ			47.4	45.9	42.6	42.2
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	2 572	3 181	4 162	4 575	4 511	4 130
Motor Gasoline	1 500	1 404	1 559	1 598	1 598	1 391
Gas/Diesel Oil	890	1 543	2 307	2 677	2 655	2 480
Final Consumption Biofuels - ktoe			3	165	169	175
Biogasoline			3	46	46	57
Biodiesel				118	123	118
Main Energy Indicators						
Energy Intensity - toe/M€'05	420	350	312	288	292	295
Energy per Capita - kgoe/cap	2 543	2 478	2 747	2 670	2 530	2 598
Final Electricity p/cap - KWh/cap	2 686	2 883	3 206	3 420	3 308	3 421
Primary Efficiency - toe/M€'05	394	328	288	266	270	273
Import Dependency - %	48.0%	55.2%	63.2%	63.4%	58.7%	58.3%
on Solid Fuels	29.5%	28.2%	42.8%	46.6%	37.1%	41.9%
on Hard Coal	103.5%	99.0%	105.1%	101.8%	96.8%	99.5%
on Petroleum Fuels	71.1%	76.0%	81.3%	80.7%	77.6%	84.2%
on Crude and NGL	72.0%	78.6%	81.2%	83.9%	80.8%	85.3%
on Natural Gas	60.3%	75.4%	81.1%	88.1%	85.6%	78.7%
RES of the Gross Final Energy - %						
Overall RES Share				6.6%	7.7%	
RES-H&C - Heating and Cooling				8.4%	10.4%	
RES-E - Electricity Generation				5.3%	7.0%	
RE-T - Transport				4.1%	3.1%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	62	59	61	57	51	
GHGs Emissions	79	77	80	74	67	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	5 975	5 772	6 086	5 669	5 101	
Carbon Intensity - kg CO_2/toe	2 349	2 329	2 216	2 123	2 017	
CO_2 GDP Intensity - ton CO_2/M€'05	986	814	692	611	589	

Methodology, Sources and Notes: See Appendix 6 – No 4

Malta

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production						
Solid Fuels						
of which Hard Coal						
Petroleum and Products						
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables						
Waste, Non-Renewable						
Net Imports	**0.8**	**1.5**	**1.6**	**1.9**	**2.0**	**2.4**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	0.8	1.5	1.6	1.9	2.0	2.4
of which Crude and NGL						
Gases						
of which Natural Gas						
Renewables						
Electricity						
Gross Inland Consumption	**0.8**	**0.8**	**1.0**	**1.0**	**0.9**	**0.9**
Solid Fuels						
of which Hard Coal						
Petroleum and Products	0.8	0.8	1.0	1.0	0.9	0.9
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear						
Renewables						
Waste, Non-Renewable						
Electricity						
Primary Energy Intensity			**0.9**	**0.9**	**0.9**	**0.9**
Final Non-Energy Consumption			**0.0**	**0.0**	**0.0**	**0.0**
Final Energy Consumption	**0.3**	**0.4**	**0.4**	**0.5**	**0.4**	**0.5**
by Fuel/Product						
Solid Fuels						
Petroleum and Products	0.2	0.3	0.2	0.3	0.3	0.3
Gases						
Solar Energy						
Biomass and Renewable Wastes						
Geothermal Energy						
Waste, Non-Renewable						
Electricity	0.1	0.1	0.2	0.2	0.1	0.1
Derived Heat						
by Sector						
Industry	0.0	0.0	0.0	0.0	0.1	0.1
Transport	0.2	0.3	0.2	0.3	0.2	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					0.0	
Fishing						
Other		0.0	0.0			0.0

Methodology, Sources and Notes: See Appendix 6 – No 4

Malta

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW				0.6	0.6	0.6
Combustible Fuels				0.6	0.6	0.6
Nuclear						
Hydro						
Gross Electricity Generation - TWh	1.6	1.9	2.2	2.3	2.2	2.1
by Fuel - TWh						
Solid Fuels	0.1					
Petroleum and Products	1.5	1.9	2.2	2.3	2.2	2.1
Gases						
Nuclear						
Renewables						
by Type - TWh						
Main Activity Electricity only	1.6	1.9	2.2	2.3	2.2	2.1
Main Activity CHP Plants	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	0.0	0.0	0.0	0.0	0.0	0.0
Combined Heat and Power						
CHP Electrical Capacity - GW						
CHP Electricity Generation - TWh						
CHP in Electricity Generation - %						
CHP Heat Production - PJ						
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	200	275	197	307	245	279
Motor Gasoline	126	75	71	74	77	77
Gas/Diesel Oil		77	38	105	77	101
Final Consumption Biofuels - ktoe						
Biogasoline						
Biodiesel						
Main Energy Indicators						
Energy Intensity - toe/M€'05	204	174	201	179	172	170
Energy per Capita - kgoe/cap	1 988	2 048	2 401	2 338	2 176	2 190
Final Electricity p/cap - KWh/cap	3 333	4 018	4 854	4 495	4 124	3 860
Primary Efficiency - toe/M€'05			197	176	170	169
Import Dependency - %	104.8%	100.3%	100.0%	100.0%	98.3%	100.8%
on Solid Fuels						
on Hard Coal						
on Petroleum Fuels	104.8%	100.3%	100.0%	100.0%	98.3%	100.8%
on Crude and NGL						
on Natural Gas						
RES of the Gross Final Energy - %						
Overall RES Share				0.2%	0.2%	
RES-H&C - Heating and Cooling				4.1%	2.0%	
RES-E - Electricity Generation						
RE-T - Transport						
Gas Emissions - mio ton CO_2						
CO_2 Emissions	2	2	5	6	6	
GHGs Emissions	2	3	5	6	7	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	5 792	5 951	11 796	13 601	14 856	
Carbon Intensity - kg CO_2/toe	2 913	2 905	4 913	5 817	6 828	
CO_2 GDP Intensity - ton CO_2/M€'05	594	504	989	1 043	1 176	

Methodology, Sources and Notes: See Appendix 6 – No 4

Netherlands

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**66.7**	**57.6**	**62.2**	**67.0**	**63.4**	**70.1**
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	2.7	2.3	1.9
of which Crude and NGL	3.6	2.4	2.3	2.2	1.7	1.5
Gases	60.9	52.2	56.3	60.0	56.5	63.5
of which Natural Gas	60.9	52.2	56.3	60.0	56.5	63.5
Nuclear	1.0	1.0	1.0	1.1	1.1	1.0
Renewables	0.9	1.3	1.9	2.4	2.8	2.9
Waste, Non-Renewable	0.3	0.6	0.7	0.8	0.7	0.7
Net Imports	**15.4**	**34.7**	**38.1**	**34.1**	**34.9**	**30.9**
Solid Fuels	8.8	8.0	8.3	8.6	9.3	9.2
of which Hard Coal	9.0	8.0	8.2	8.4	9.3	9.1
Petroleum and Products	32.1	42.4	48.9	49.0	46.3	45.6
of which Crude and NGL	60.0	61.9	62.2	58.2	58.8	61.1
Gases	-26.4	-17.2	-20.9	-25.3	-21.5	-24.2
of which Natural Gas	-26.4	-17.2	-20.9	-25.3	-21.5	-24.2
Renewables	0.0	-0.1	0.3	0.5	0.4	0.1
Electricity	1.0	1.6	1.6	1.4	0.4	0.2
Gross Inland Consumption	**73.3**	**76.6**	**82.5**	**83.9**	**81.6**	**86.9**
Solid Fuels	9.0	7.9	8.2	8.1	7.5	7.6
of which Hard Coal	9.2	7.8	8.2	7.9	7.4	7.4
Petroleum and Products	26.6	29.2	33.5	35.0	33.6	35.1
of which Crude and NGL	64.0	63.4	64.3	61.0	60.1	62.6
Gases	34.5	35.0	35.3	34.8	35.1	39.3
of which Natural Gas	34.5	35.0	35.3	34.8	35.1	39.3
Nuclear	1.0	1.0	1.0	1.1	1.1	1.0
Renewables	0.9	1.2	2.2	2.9	3.2	3.0
Waste, Non-Renewable	0.3	0.6	0.7	0.8	0.7	0.7
Electricity	1.0	1.6	1.6	1.4	0.4	0.2
Primary Energy Intensity	**64.0**	**66.1**	**69.5**	**69.8**	**67.0**	**71.4**
Final Non-Energy Consumption	**9.2**	**10.5**	**13.0**	**14.1**	**14.7**	**15.5**
Final Energy Consumption	**48.0**	**50.5**	**52.3**	**51.1**	**50.4**	**54.0**
by Fuel/Product						
Solid Fuels	1.5	1.3	1.5	1.4	1.1	1.3
Petroleum and Products	14.1	16.5	18.0	17.0	17.9	18.3
Gases	23.0	21.0	20.3	20.1	19.5	22.4
Solar Energy	0.0	0.0	0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.4	0.3	0.4	0.8	0.9	0.7
Geothermal Energy				0.0	0.0	0.0
Waste, Non-Renewable						
Electricity	7.1	8.4	9.0	9.4	8.9	9.2
Derived Heat	1.9	2.9	3.0	2.4	2.1	2.1
by Sector						
Industry	14.0	14.8	15.5	12.7	12.9	14.3
Transport	12.4	14.3	15.2	16.0	15.1	15.0
Households	10.9	10.3	10.1	9.9	10.2	11.5
Services	7.0	7.2	8.0	9.1	8.9	9.7
Agriculture	3.7	3.9	3.5	3.1	3.3	3.4
Fishing				0.3	0.1	
Other					0.0	

Methodology, Sources and Notes: See Appendix 6 – No 4

Netherlands

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**19.4**	**21.6**	**23.1**	**26.2**	**27.3**	**28.2**
Combustible Fuels	18.2	20.1	20.0	22.1	23.1	23.7
Nuclear	0.5	0.4	0.4	0.5	0.5	0.5
Hydro		0.0	0.0	0.0	0.0	0.0
Gross Electricity Generation - TWh	**80.9**	**89.6**	**100.2**	**107.6**	**113.5**	**118.1**
by Fuel - TWh						
Solid Fuels	27.4	24.3	23.5	23.5	24.3	22.6
Petroleum and Products	2.8	2.6	2.3	2.1	1.5	1.3
Gases	44.4	54.4	61.3	66.8	71.0	77.4
Nuclear	4.0	3.9	4.0	4.2	4.2	4.0
Renewables	1.4	3.0	7.4	9.5	10.8	11.2
by Type - TWh						
Main Activity Electricity only	4.8	40.4	39.8	43.7	50.1	51.3
Main Activity CHP Plants	64.3	35.4	45.1	41.1	41.6	43.8
Autoproducer Electricity only	1.1	2.3	2.7	2.3	2.5	2.4
Autoproducer CHP Plants	10.8	11.5	12.7	20.6	19.3	20.6
Combined Heat and Power						
CHP Electrical Capacity - GW			7.2	9.0	9.3	9.3
CHP Electricity Generation - TWh			29.5	36.2	36.4	39.2
CHP in Electricity Generation - %			29.4%	33.6%	32.1%	33.2%
CHP Heat Production - PJ			220.3	246.3	223.0	233.6
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	12 249	14 116	15 012	15 528	14 587	14 648
Motor Gasoline	4 228	4 236	4 306	4 426	4 249	4 251
Gas/Diesel Oil	4 572	5 880	6 604	6 925	6 435	6 606
Final Consumption Biofuels - ktoe				287	373	229
Biogasoline				108	138	134
Biodiesel				179	235	95
Main Energy Indicators						
Energy Intensity - toe/M€'05	186	159	161	149	151	158
Energy per Capita - kgoe/cap	4 739	4 809	5 058	5 105	4 938	5 233
Final Electricity p/cap - KWh/cap	5 349	6 142	6 405	6 639	6 290	6 433
Primary Efficiency - toe/M€'05	162	137	135	124	124	130
Import Dependency - %	18.3%	38.7%	38.4%	34.4%	36.5%	30.7%
on Solid Fuels	97.8%	101.9%	101.4%	105.9%	124.5%	121.5%
on Hard Coal	97.4%	101.5%	100.3%	106.9%	126.1%	122.3%
on Petroleum Fuels	84.8%	99.8%	97.1%	97.6%	97.1%	93.4%
on Crude and NGL	93.8%	97.7%	96.7%	95.5%	97.9%	97.6%
on Natural Gas	-76.4%	-49.1%	-59.3%	-72.7%	-61.2%	-61.6%
RES of the Gross Final Energy - %						
Overall RES Share				3.5%	4.1%	
RES-H&C - Heating and Cooling				2.9%	3.1%	
RES-E - Electricity Generation				7.5%	9.1%	
RE-T - Transport				2.6%	4.2%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	214	222	241	236	226	
GHGs Emissions	266	266	276	265	255	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	13 826	13 968	14 781	14 350	13 664	
Carbon Intensity - kg CO_2/toe	2 917	2 904	2 922	2 811	2 767	
CO_2 GDP Intensity - ton CO_2/M€'05	542	463	470	420	417	

Methodology, Sources and Notes: See Appendix 6 – No 4

Austria

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**8.8**	**9.8**	**10.0**	**11.3**	**11.5**	**11.8**
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	1.0	1.1	1.1
of which Crude and NGL	1.1	1.1	1.0	1.0	1.1	1.0
Gases	1.3	1.5	1.4	1.3	1.4	1.5
of which Natural Gas	1.3	1.5	1.4	1.3	1.4	1.5
Nuclear						
Renewables	5.8	6.6	7.1	8.3	8.4	8.6
Waste, Non-Renewable	0.2	0.3	0.4	0.6	0.6	0.6
Net Imports	**18.2**	**19.1**	**24.6**	**23.7**	**21.2**	**21.4**
Solid Fuels	2.6	3.0	4.0	3.9	2.7	3.0
of which Hard Coal	2.0	2.3	3.0	2.8	2.2	2.1
Petroleum and Products	10.3	11.0	13.3	12.5	11.5	11.6
of which Crude and NGL	7.8	7.4	7.9	8.0	7.5	6.9
Gases	5.4	5.3	7.2	6.7	6.4	6.1
of which Natural Gas	5.4	5.3	7.2	6.7	6.4	6.1
Renewables	0.0	0.0	0.0	0.2	0.5	0.5
Electricity	-0.2	-0.1	0.2	0.4	0.1	0.2
Gross Inland Consumption	**27.3**	**29.2**	**34.4**	**34.3**	**32.5**	**34.6**
Solid Fuels	3.5	3.6	4.0	3.7	2.9	3.4
of which Hard Coal	2.3	2.6	2.8	2.8	2.3	2.6
Petroleum and Products	11.6	12.4	14.5	13.4	12.7	13.1
of which Crude and NGL	8.9	8.5	9.0	8.9	8.5	8.0
Gases	6.4	6.5	8.2	7.6	7.5	8.2
of which Natural Gas	6.4	6.5	8.2	7.6	7.5	8.2
Nuclear						
Renewables	5.9	6.6	7.1	8.5	8.9	9.1
Waste, Non-Renewable	0.2	0.3	0.4	0.6	0.6	0.6
Electricity	-0.2	-0.1	0.2	0.4	0.1	0.2
Primary Energy Intensity	**25.9**	**27.5**	**32.7**	**32.5**	**30.7**	**32.8**
Final Non-Energy Consumption	**1.4**	**1.7**	**1.7**	**1.8**	**1.8**	**1.9**
Final Energy Consumption	**21.4**	**23.7**	**28.1**	**27.9**	**26.3**	**27.9**
by Fuel/Product						
Solid Fuels	1.5	1.4	1.4	1.3	1.1	1.1
Petroleum and Products	8.9	9.8	12.1	10.9	10.3	10.6
Gases	3.8	4.5	5.1	5.1	4.5	5.0
Solar Energy	0.0	0.1	0.1	0.1	0.1	0.2
Biomass and Renewable Wastes	2.1	2.3	2.8	3.3	3.3	3.6
Geothermal Energy	0.0	0.0	0.0	0.0	0.0	0.0
Waste, Non-Renewable	0.1	0.1	0.3	0.4	0.3	0.4
Electricity	4.0	4.4	5.0	5.3	5.1	5.3
Derived Heat	0.8	1.0	1.4	1.5	1.5	1.7
by Sector						
Industry	6.3	7.2	8.8	9.1	8.6	8.8
Transport	5.9	7.0	9.1	8.8	8.5	8.8
Households	6.3	6.3	6.8	6.4	6.3	6.9
Services	2.3	2.5	2.9	3.1	2.4	2.8
Agriculture	0.5	0.5	0.5	0.5	0.5	0.6
Fishing						
Other						

Methodology, Sources and Notes: See Appendix 6 – No 4

Austria

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**18.0**	**18.6**	**20.0**	**23.8**	**24.1**	**24.8**
Combustible Fuels	6.1	6.1	6.5	7.2	7.3	7.3
Nuclear						
Hydro		11.6	11.6	12.3	12.5	12.7
Gross Electricity Generation - TWh	**56.2**	**61.3**	**66.4**	**66.9**	**69.1**	**71.1**
by Fuel - TWh						
Solid Fuels	4.3	5.7	7.2	5.5	3.8	4.9
Petroleum and Products	2.1	1.7	1.6	1.2	1.1	1.3
Gases	9.8	8.9	14.3	12.6	13.6	16.1
Nuclear						
Renewables	40.0	44.8	43.0	47.0	50.1	48.3
by Type - TWh						
Main Activity Electricity only	40.7	50.2	54.3	53.8	55.9	55.2
Main Activity CHP Plants	6.8	2.6	3.8	4.2	4.8	6.6
Autoproducer Electricity only	4.9	5.3	4.5	4.5	4.4	5.0
Autoproducer CHP Plants	3.7	3.1	3.8	4.4	4.1	4.4
Combined Heat and Power						
CHP Electrical Capacity - GW			3.3	3.7	2.9	3.2
CHP Electricity Generation - TWh			10.1	10.3	9.1	11.0
CHP in Electricity Generation - %			15.4%	15.3%	13.2%	15.4%
CHP Heat Production - PJ			95.8	96.4	98.4	110.6
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	5 543	6 588	8 621	7 886	7 587	7 887
Motor Gasoline	2 515	2 082	2 184	1 785	1 771	1 743
Gas/Diesel Oil	2 551	3 898	5 730	5 319	5 116	5 394
Final Consumption Biofuels - ktoe	10	16	45	388	485	472
Biogasoline				54	64	62
Biodiesel			31	248	318	339
Main Energy Indicators						
Energy Intensity - toe/M€'05	141	129	140	128	126	132
Energy per Capita - kgoe/cap	3 437	3 642	4 182	4 119	3 884	4 127
Final Electricity p/cap - KWh/cap	5 877	6 433	7 088	7 356	7 053	7 312
Primary Efficiency - toe/M€'05	134	122	133	122	119	124
Import Dependency - %	66.6%	65.6%	71.4%	68.9%	65.4%	61.8%
on Solid Fuels	75.7%	83.9%	99.3%	103.5%	95.9%	87.7%
on Hard Coal	88.3%	91.6%	106.9%	101.1%	95.3%	81.8%
on Petroleum Fuels	89.3%	89.1%	91.6%	92.9%	91.2%	88.9%
on Crude and NGL	87.6%	87.0%	88.5%	89.5%	88.0%	86.2%
on Natural Gas	84.8%	80.6%	87.7%	87.5%	85.8%	74.4%
RES of the Gross Final Energy - %						
Overall RES Share				27.9%	29.7%	
RES-H&C - Heating and Cooling				27.5%	29.6%	
RES-E - Electricity Generation				63.2%	66.7%	
RE-T - Transport				6.1%	6.5%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	65	68	82	76	69	
GHGs Emissions	81	82	95	89	82	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	8 215	8 450	9 938	9 134	8 306	
Carbon Intensity - kg CO_2/toe	2 390	2 320	2 376	2 218	2 139	
CO_2 GDP Intensity - ton CO_2/M€'05	338	300	333	285	270	

Methodology, Sources and Notes: See Appendix 6 – No 4

Poland

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**99.4**	**79.8**	**78.9**	**71.7**	**67.9**	**67.8**
Solid Fuels	91.1	71.3	68.9	60.9	56.4	55.4
of which Hard Coal	78.2	59.2	56.1	48.2	44.2	43.8
Petroleum and Products	0.4	0.9	1.1	1.1	1.1	1.2
of which Crude and NGL	0.3	0.7	0.9	0.8	0.7	0.7
Gases	3.2	3.3	3.9	3.7	3.7	3.7
of which Natural Gas	3.2	3.3	3.9	3.7	3.7	3.7
Nuclear						
Renewables	3.9	3.8	4.5	5.4	6.0	6.8
Waste, Non-Renewable	0.8	0.4	0.5	0.6	0.7	0.7
Net Imports	**0.0**	**9.6**	**16.4**	**30.3**	**30.3**	**32.1**
Solid Fuels	-21.2	-16.4	-13.0	-3.6	-2.7	-2.8
of which Hard Coal	-18.9	-13.8	-9.7	0.7	0.8	1.8
Petroleum and Products	15.7	19.9	22.0	24.8	24.8	25.7
of which Crude and NGL	13.1	18.2	18.0	20.9	20.3	22.9
Gases	5.8	6.6	8.5	9.1	8.1	8.9
of which Natural Gas	5.8	6.6	8.5	9.1	8.1	8.9
Renewables			-0.1	0.2	0.2	0.4
Electricity	-0.2	-0.5	-1.0	-0.1	-0.2	-0.1
Gross Inland Consumption	**100.0**	**89.8**	**93.1**	**99.0**	**95.3**	**101.7**
Solid Fuels	70.3	56.3	54.6	54.8	51.5	54.6
of which Hard Coal	59.7	46.4	45.6	46.8	42.6	47.9
Petroleum and Products	16.2	19.9	22.2	25.5	25.0	26.4
of which Crude and NGL	13.5	18.3	18.5	21.4	20.7	23.3
Gases	9.0	10.0	12.2	12.6	12.1	12.8
of which Natural Gas	9.0	10.0	12.2	12.6	12.1	12.8
Nuclear						
Renewables	3.9	3.8	4.5	5.6	6.3	7.3
Waste, Non-Renewable	0.8	0.4	0.5	0.6	0.7	0.7
Electricity	-0.2	-0.5	-1.0	-0.1	-0.2	-0.1
Primary Energy Intensity	**96.3**	**85.5**	**88.5**	**94.0**	**90.7**	**96.9**
Final Non-Energy Consumption	**3.7**	**4.4**	**4.5**	**5.0**	**4.6**	**4.8**
Final Energy Consumption	**62.8**	**55.6**	**58.2**	**62.2**	**61.2**	**66.3**
by Fuel/Product						
Solid Fuels	22.6	13.5	11.5	12.2	11.6	13.4
Petroleum and Products	11.5	15.3	17.7	19.8	19.7	20.5
Gases	7.8	7.5	8.7	9.0	8.7	9.5
Solar Energy			0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	3.7	3.5	3.8	4.3	4.6	5.2
Geothermal Energy		0.0	0.0	0.0	0.0	0.0
Waste, Non-Renewable	0.7	0.4	0.3	0.4	0.6	0.6
Electricity	7.7	8.5	9.1	10.1	9.7	10.2
Derived Heat	8.8	6.9	7.1	6.4	6.4	7.0
by Sector						
Industry	23.0	19.0	16.6	16.4	14.7	15.4
Transport	8.2	9.8	12.4	16.3	16.6	17.6
Households	22.7	17.2	18.3	18.6	18.8	21.0
Services	4.2	5.0	6.4	7.4	7.6	8.6
Agriculture	4.8	4.6	4.4	3.6	3.5	3.8
Fishing			0.0	0.0	0.0	0.0
Other	0.0	0.0		0.0	0.0	0.0

Methodology, Sources and Notes: See Appendix 6 – No 4

Poland

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**29.5**	**30.6**	**32.3**	**32.8**	**33.1**	**33.5**
Combustible Fuels	27.4	28.4	29.8	29.8	30.0	29.9
Nuclear						
Hydro		2.2	2.3	2.3	2.3	2.3
Gross Electricity Generation - TWh	**139.0**	**145.2**	**156.9**	**155.3**	**151.7**	**157.7**
by Fuel - TWh						
Solid Fuels	131.8	135.9	142.2	139.0	133.4	136.6
Petroleum and Products	1.5	1.9	2.8	2.7	2.7	2.9
Gases	1.5	2.7	6.4	6.2	6.1	6.5
Nuclear						
Renewables	3.9	4.3	5.4	7.2	9.3	11.5
by Type - TWh						
Main Activity Electricity only	3.8	4.1	3.9	3.6	4.0	5.2
Main Activity CHP Plants	126.8	133.8	144.9	145.0	140.8	144.5
Autoproducer Electricity only	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer CHP Plants	8.4	7.2	8.1	6.7	6.9	8.0
Combined Heat and Power						
CHP Electrical Capacity - GW			8.3	8.8	8.6	8.7
CHP Electricity Generation - TWh			26.3	26.4	26.1	27.7
CHP in Electricity Generation - %			16.8%	16.9%	17.2%	17.6%
CHP Heat Production - PJ			275.4	259.7	258.4	277.1
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	7 779	9 329	11 806	15 236	15 353	16 209
Motor Gasoline	4 518	5 213	4 163	4 276	4 281	4 240
Gas/Diesel Oil	2 777	3 372	5 619	8 535	8 768	9 633
Final Consumption Biofuels - ktoe			54	441	663	886
Biogasoline			38	126	195	189
Biodiesel			14	310	387	486
Main Energy Indicators						
Energy Intensity - toe/M€'05	620	428	381	340	322	330
Energy per Capita - kgoe/cap	2 613	2 348	2 439	2 598	2 498	2 663
Final Electricity p/cap - KWh/cap	2 343	2 579	2 762	3 086	2 954	3 103
Primary Efficiency - toe/M€'05	597	407	362	323	306	315
Import Dependency - %	0.0%	10.6%	17.6%	30.6%	31.7%	31.5%
on Solid Fuels	-30.2%	-29.1%	-23.9%	-6.6%	-5.2%	-5.2%
on Hard Coal	-31.7%	-29.9%	-21.3%	1.6%	1.9%	3.7%
on Petroleum Fuels	96.0%	98.7%	97.4%	96.0%	98.3%	96.7%
on Crude and NGL	97.1%	99.1%	97.3%	97.6%	98.0%	98.4%
on Natural Gas	64.6%	66.3%	69.7%	72.6%	67.3%	69.3%
RES of the Gross Final Energy - %						
Overall RES Share				7.9%	8.9%	
RES-H&C - Heating and Cooling				11.2%	12.0%	
RES-E - Electricity Generation				4.4%	5.9%	
RE-T - Transport				3.5%	4.8%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	368	322	320	327	313	
GHGs Emissions	442	391	390	398	379	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	9 612	8 425	8 378	8 581	8 193	
Carbon Intensity - kg CO_2/toe	3 679	3 589	3 435	3 303	3 280	
CO_2 GDP Intensity - ton CO_2/M€'05	2 280	1 535	1 308	1 122	1 056	

Methodology, Sources and Notes: See Appendix 6 – No 4

Portugal

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**3.4**	**3.9**	**3.6**	**4.5**	**5.0**	**5.6**
Solid Fuels						
of which Hard Coal						
Petroleum and Products				0.0	0.0	0.0
of which Crude and NGL						
Gases	0.1	0.0				
of which Natural Gas						
Nuclear						
Renewables	3.3	3.8	3.5	4.4	4.8	5.4
Waste, Non-Renewable		0.1	0.1	0.1	0.1	0.1
Net Imports	**18.0**	**21.9**	**24.8**	**21.3**	**20.6**	**18.7**
Solid Fuels	3.8	3.9	3.2	2.3	3.1	1.6
of which Hard Coal	3.8	4.0	3.2	2.3	3.1	1.6
Petroleum and Products	14.1	15.8	17.1	14.1	12.8	12.6
of which Crude and NGL	13.0	11.5	13.4	12.2	10.4	11.5
Gases		2.0	3.9	4.1	4.3	4.5
of which Natural Gas		2.0	3.9	4.1	4.3	4.5
Renewables				0.0	0.0	-0.2
Electricity	0.1	0.1	0.6	0.8	0.4	0.2
Gross Inland Consumption	**20.7**	**25.1**	**27.4**	**25.2**	**24.9**	**24.4**
Solid Fuels	3.6	3.8	3.3	2.5	2.9	1.7
of which Hard Coal	3.6	3.8	3.3	2.5	2.9	1.7
Petroleum and Products	13.6	15.3	16.1	13.3	12.5	12.4
of which Crude and NGL	13.0	11.7	13.4	12.2	10.6	11.6
Gases	0.1	2.1	3.8	4.1	4.2	4.5
of which Natural Gas		2.0	3.8	4.1	4.2	4.5
Nuclear						
Renewables	3.3	3.8	3.5	4.3	4.8	5.5
Waste, Non-Renewable		0.1	0.1	0.1	0.1	0.1
Electricity	0.1	0.1	0.6	0.8	0.4	0.2
Primary Energy Intensity	**18.6**	**22.8**	**24.9**	**23.3**	**23.4**	**22.6**
Final Non-Energy Consumption	**2.1**	**2.3**	**2.5**	**1.9**	**1.5**	**1.7**
Final Energy Consumption	**13.7**	**17.7**	**19.0**	**18.5**	**18.3**	**18.2**
by Fuel/Product						
Solid Fuels	0.5	0.5	0.0	0.1	0.0	0.1
Petroleum and Products	8.2	10.5	10.8	9.7	9.5	9.3
Gases	0.1	0.9	1.3	1.4	1.4	1.6
Solar Energy	0.0	0.0	0.0	0.0	0.0	0.1
Biomass and Renewable Wastes	2.4	2.4	2.5	2.7	2.8	2.5
Geothermal Energy	0.0	0.0	0.0	0.0	0.0	0.0
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Electricity	2.5	3.3	4.0	4.2	4.1	4.3
Derived Heat	0.0	0.1	0.3	0.3	0.3	0.3
by Sector						
Industry	4.9	6.3	5.9	5.6	5.2	5.4
Transport	4.9	6.5	7.1	7.4	7.3	7.4
Households	2.6	2.8	3.2	3.1	3.2	3.0
Services	0.9	1.4	2.2	2.0	2.0	1.9
Agriculture	0.5	0.7	0.5	0.4	0.4	0.3
Fishing			0.1	0.1	0.1	0.1
Other				0.0	0.0	0.0

Methodology, Sources and Notes: See Appendix 6 – No 4

Portugal

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**9.5**	**11.2**	**13.8**	**16.1**	**17.8**	**19.5**
Combustible Fuels	4.9	6.3	7.3	7.8	8.8	9.9
Nuclear						
Hydro		4.5	5.0	5.1	5.1	5.1
Gross Electricity Generation - TWh	**33.3**	**43.8**	**46.6**	**46.0**	**50.2**	**54.1**
by Fuel - TWh						
Solid Fuels	13.4	14.6	15.2	11.2	12.9	7.1
Petroleum and Products	10.3	8.4	8.8	4.1	3.3	3.0
Gases	0.1	7.2	13.6	15.2	14.7	14.9
Nuclear						
Renewables	9.5	13.3	8.6	15.1	19.0	28.8
by Type - TWh						
Main Activity Electricity only	29.7	38.4	40.1	39.6	43.4	46.2
Main Activity CHP Plants	0.5	0.6	1.0	0.3	0.3	0.2
Autoproducer Electricity only	0.0	0.5	0.7	0.7	0.7	0.8
Autoproducer CHP Plants	3.1	4.3	4.9	5.4	5.8	7.0
Combined Heat and Power						
CHP Electrical Capacity - GW			1.1	1.1	1.3	1.3
CHP Electricity Generation - TWh			5.4	5.5	5.5	6.4
CHP in Electricity Generation - %			11.6%	11.9%	11.0%	11.8%
CHP Heat Production - PJ			59.6	61.7	61.0	67.2
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	4 843	6 510	7 055	7 213	7 067	7 021
Motor Gasoline	1 986	2 231	1 900	1 564	1 528	1 450
Gas/Diesel Oil	2 234	3 464	4 213	4 502	4 428	4 417
Final Consumption Biofuels - ktoe				127	220	300
Biogasoline						
Biodiesel				127	220	300
Main Energy Indicators						
Energy Intensity - toe/M€'05	172	170	178	157	160	155
Energy per Capita - kgoe/cap	2 059	2 455	2 597	2 373	2 344	2 291
Final Electricity p/cap - KWh/cap	2 872	3 753	4 391	4 552	4 501	4 690
Primary Efficiency - toe/M€'05	155	154	161	145	150	144
Import Dependency - %	85.4%	84.9%	88.5%	82.8%	81.0%	75.4%
on Solid Fuels	105.8%	102.9%	96.3%	91.2%	106.7%	98.3%
on Hard Coal	105.9%	103.4%	96.3%	91.2%	106.8%	98.3%
on Petroleum Fuels	100.6%	99.3%	102.3%	102.1%	99.0%	98.0%
on Crude and NGL	100.0%	99.0%	100.2%	100.1%	98.7%	98.9%
on Natural Gas		100.3%	103.8%	100.1%	101.2%	100.4%
RES of the Gross Final Energy - %						
Overall RES Share				23.2%	24.5%	
RES-H&C - Heating and Cooling				37.6%	37.8%	
RES-E - Electricity Generation				34.6%	38.4%	
RE-T - Transport				2.2%	3.6%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	55	67	71	64	60	
GHGs Emissions	72	85	90	83	79	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	5 511	6 580	6 770	6 017	5 669	
Carbon Intensity - kg CO_2/toe	2 677	2 680	2 606	2 536	2 418	
CO_2 GDP Intensity - ton CO_2/M€'05	460	455	463	399	388	

Methodology, Sources and Notes: See Appendix 6 – No 4

Romania

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**32.7**	**28.6**	**28.2**	**29.2**	**28.6**	**27.7**
Solid Fuels	7.9	5.6	5.8	7.0	6.6	5.9
of which Hard Coal	0.7	0.2	0.0	0.0	0.0	0.0
Petroleum and Products	7.2	6.4	6.2	5.0	4.8	4.5
of which Crude and NGL	7.1	6.4	5.6	4.9	4.7	4.4
Gases	14.4	11.0	9.7	9.0	8.9	8.6
of which Natural Gas	14.4	11.0	9.7	9.0	8.9	8.6
Nuclear		1.4	1.4	2.9	3.0	3.0
Renewables	2.8	4.0	5.0	5.3	5.3	5.7
Waste, Non-Renewable	0.4	0.1	0.1	0.1	0.0	0.0
Net Imports	**14.6**	**8.1**	**10.8**	**11.2**	**7.2**	**7.7**
Solid Fuels	2.9	1.9	2.9	2.6	1.0	1.2
of which Hard Coal	3.0	1.6	2.4	2.0	0.6	0.5
Petroleum and Products	6.9	3.5	4.0	5.4	4.7	4.7
of which Crude and NGL	8.8	4.8	8.9	8.6	7.1	5.9
Gases	4.8	2.7	4.2	3.5	1.6	1.8
of which Natural Gas	4.8	2.7	4.2	3.5	1.6	1.8
Renewables				0.0	0.0	0.1
Electricity	0.0	-0.1	-0.2	-0.4	-0.2	-0.2
Gross Inland Consumption	**47.2**	**36.8**	**39.3**	**40.5**	**35.5**	**35.7**
Solid Fuels	10.8	7.5	8.8	9.6	7.6	7.0
of which Hard Coal	3.7	1.7	2.4	2.0	0.7	0.5
Petroleum and Products	14.0	10.2	10.4	10.5	9.2	9.2
of which Crude and NGL	16.0	11.1	14.5	13.4	11.7	10.5
Gases	19.2	13.7	13.9	12.5	10.6	10.8
of which Natural Gas	19.2	13.7	13.9	12.5	10.6	10.8
Nuclear		1.4	1.4	2.9	3.0	3.0
Renewables	2.8	4.0	4.9	5.3	5.3	5.8
Waste, Non-Renewable	0.4	0.1	0.1	0.1	0.0	0.0
Electricity	0.0	-0.1	-0.2	-0.4	-0.2	-0.2
Primary Energy Intensity	**46.0**	**34.9**	**36.9**	**38.1**	**33.6**	**34.0**
Final Non-Energy Consumption	**1.2**	**1.9**	**2.4**	**2.4**	**1.9**	**1.7**
Final Energy Consumption	**26.9**	**22.7**	**25.0**	**24.8**	**22.2**	**22.5**
by Fuel/Product						
Solid Fuels	1.6	1.0	1.6	1.3	0.8	0.9
Petroleum and Products	5.7	5.5	6.9	7.0	6.5	6.1
Gases	10.3	6.9	7.8	7.2	6.1	6.2
Solar Energy						0.0
Biomass and Renewable Wastes	1.3	2.7	3.2	3.9	3.9	4.0
Geothermal Energy		0.0	0.0	0.0	0.0	0.0
Waste, Non-Renewable	0.2	0.1	0.1	0.0	0.0	0.0
Electricity	3.1	2.9	3.3	3.6	3.2	3.6
Derived Heat	4.7	3.6	2.1	1.8	1.6	1.6
by Sector						
Industry	15.1	9.3	10.2	9.0	6.5	6.9
Transport	3.1	3.4	4.3	5.3	5.4	5.0
Households	6.3	8.4	8.0	8.1	8.0	8.1
Services	0.5	0.7	1.7	1.7	1.8	1.9
Agriculture	1.0	0.4	0.2	0.3	0.4	0.4
Fishing				0.0	0.0	
Other	0.9	0.5	0.6	0.4	0.2	0.2

Methodology, Sources and Notes: See Appendix 6 – No 4

Romania

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW			**19.0**	**19.7**	**19.6**	**19.9**
Combustible Fuels			12.0	11.9	11.7	11.6
Nuclear			0.7	1.4	1.4	1.4
Hydro			6.3	6.4	6.5	6.5
Gross Electricity Generation - TWh	**59.3**	**51.9**	**59.4**	**65.0**	**58.0**	**60.6**
by Fuel - TWh						
Solid Fuels	20.6	18.9	21.9	25.8	21.7	20.7
Petroleum and Products	5.8	3.4	1.9	0.7	1.0	0.7
Gases	16.0	9.0	9.8	10.0	7.7	7.3
Nuclear		5.5	5.6	11.2	11.8	11.6
Renewables	16.7	14.8	20.2	17.2	15.8	20.3
by Type - TWh						
Main Activity Electricity only	27.2	32.5	41.6	47.7	43.5	47.1
Main Activity CHP Plants	30.6	17.7	15.4	14.4	12.2	10.8
Autoproducer Electricity only	0.2	0.1	0.2	0.5	0.5	0.7
Autoproducer CHP Plants	1.1	1.2	2.2	2.4	1.8	2.0
Combined Heat and Power						
CHP Electrical Capacity - GW			5.3	4.7	4.5	4.6
CHP Electricity Generation - TWh			15.6	6.2	6.3	6.5
CHP in Electricity Generation - %			26.2%	9.6%	10.8%	10.8%
CHP Heat Production - PJ			95.4	71.5	66.3	69.0
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	2 879	3 235	4 105	5 052	5 028	4 762
Motor Gasoline	1 060	1 295	1 617	1 522	1 512	1 381
Gas/Diesel Oil	1 572	1 744	2 282	3 204	3 205	3 083
Final Consumption Biofuels - ktoe				107	163	115
Biogasoline					3	47
Biodiesel				49	38	67
Main Energy Indicators						
Energy Intensity - toe/M€'05	759	609	493	412	387	396
Energy per Capita - kgoe/cap	2 082	1 642	1 820	1 883	1 654	1 666
Final Electricity p/cap - KWh/cap	1 603	1 513	1 797	1 944	1 752	1 928
Primary Efficiency - toe/M€'05	739	578	463	388	366	376
Import Dependency - %	30.8%	22.0%	27.6%	27.7%	20.2%	21.7%
on Solid Fuels	26.5%	25.6%	33.4%	26.8%	13.7%	17.6%
on Hard Coal	81.7%	96.0%	102.2%	99.4%	86.2%	100.7%
on Petroleum Fuels	49.2%	34.6%	38.1%	51.5%	51.1%	51.3%
on Crude and NGL	54.9%	43.5%	61.3%	64.4%	61.0%	56.3%
on Natural Gas	24.9%	19.8%	30.1%	28.4%	15.1%	16.8%
RES of the Gross Final Energy - %						
Overall RES Share				20.5%	22.4%	
RES-H&C - Heating and Cooling				23.5%	26.7%	
RES-E - Electricity Generation				28.0%	30.7%	
RE-T - Transport				1.7%	1.6%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	130	96	106	106	87	
GHGs Emissions	188	143	156	155	132	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	5 742	4 272	4 920	4 919	4 044	
Carbon Intensity - kg CO_2/toe	2 758	2 602	2 704	2 612	2 446	
CO_2 GDP Intensity - ton CO_2/M€'05	2 094	1 586	1 333	1 077	946	

Methodology, Sources and Notes: See Appendix 6 – No 4

Slovenia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**3.0**	**3.1**	**3.5**	**3.7**	**3.6**	**3.7**
Solid Fuels	1.2	1.1	1.2	1.2	1.2	1.2
of which Hard Coal						
Petroleum and Products	0.0	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	1.6	1.5	1.5
Renewables	0.5	0.8	0.8	0.8	1.0	1.0
Waste, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Net Imports	**3.1**	**3.4**	**3.8**	**4.3**	**3.4**	**3.6**
Solid Fuels	0.2	0.2	0.3	0.4	0.3	0.3
of which Hard Coal	0.1	0.2	0.3	0.4	0.2	0.2
Petroleum and Products	2.3	2.4	2.6	3.1	2.6	2.6
of which Crude and NGL	0.5	0.1				
Gases	0.8	0.8	0.9	0.9	0.8	0.9
of which Natural Gas	0.8	0.8	0.9	0.9	0.8	0.9
Renewables	0.0			0.0	0.0	0.0
Electricity	-0.1	-0.1	0.0	-0.1	-0.3	-0.2
Gross Inland Consumption	**6.1**	**6.4**	**7.3**	**7.8**	**7.1**	**7.3**
Solid Fuels	1.4	1.3	1.5	1.5	1.4	1.5
of which Hard Coal	0.1	0.2	0.3	0.3	0.2	0.2
Petroleum and Products	2.3	2.4	2.6	3.0	2.6	2.6
of which Crude and NGL	0.5	0.1				
Gases	0.7	0.8	0.9	0.9	0.8	0.9
of which Natural Gas	0.7	0.8	0.9	0.9	0.8	0.9
Nuclear	1.2	1.2	1.5	1.6	1.5	1.5
Renewables	0.5	0.8	0.8	0.9	1.0	1.1
Waste, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Electricity	-0.1	-0.1	0.0	-0.1	-0.3	-0.2
Primary Energy Intensity	**5.9**	**6.2**	**7.0**	**7.5**	**6.9**	**7.1**
Final Non-Energy Consumption	**0.1**	**0.2**	**0.3**	**0.3**	**0.2**	**0.2**
Final Energy Consumption	**4.1**	**4.4**	**4.9**	**5.3**	**4.8**	**5.0**
by Fuel/Product						
Solid Fuels	0.1	0.1	0.1	0.1	0.1	0.1
Petroleum and Products	2.1	2.2	2.4	2.8	2.5	2.4
Gases	0.6	0.6	0.7	0.6	0.6	0.6
Solar Energy					0.0	0.0
Biomass and Renewable Wastes	0.3	0.4	0.4	0.4	0.5	0.6
Geothermal Energy					0.0	0.0
Waste, Non-Renewable			0.0	0.0	0.0	0.0
Electricity	0.8	0.9	1.1	1.1	1.0	1.0
Derived Heat	0.2	0.2	0.2	0.2	0.2	0.2
by Sector						
Industry	1.2	1.4	1.6	1.5	1.2	1.3
Transport	1.3	1.2	1.5	2.1	1.8	1.8
Households	1.2	1.1	1.2	1.1	1.2	1.3
Services	0.4	0.5	0.5	0.5	0.5	0.5
Agriculture		0.1	0.1	0.1	0.1	0.1
Fishing						
Other	0.0	0.0	0.0	0.0	0.0	0.0

Methodology, Sources and Notes: See Appendix 6 – No 4

Slovenia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**2.5**	**2.6**	**3.0**	**3.0**	**3.1**	**3.2**
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	1.0	1.0	1.1	1.3
Gross Electricity Generation - TWh	**12.9**	**13.6**	**15.1**	**16.4**	**16.4**	**16.4**
by Fuel - TWh						
Solid Fuels	4.6	4.6	5.3	5.3	5.1	5.3
Petroleum and Products	0.3	0.1	0.0	0.0	0.0	0.0
Gases	0.0	0.3	0.3	0.5	0.6	0.5
Nuclear	4.8	4.8	5.9	6.3	5.7	5.7
Renewables	3.3	3.9	3.6	4.3	4.9	4.9
by Type - TWh						
Main Activity Electricity only	8.5	9.1	9.8	10.8	11.0	10.8
Main Activity CHP Plants	3.9	3.9	4.7	5.1	4.9	5.2
Autoproducer Electricity only	0.2	0.2	0.2	0.3	0.2	0.2
Autoproducer CHP Plants	0.4	0.5	0.4	0.3	0.3	0.3
Combined Heat and Power						
CHP Electrical Capacity - GW			0.3	0.3	0.3	0.3
CHP Electricity Generation - TWh			1.1	1.1	1.0	1.1
CHP in Electricity Generation - %			7.3%	6.7%	6.2%	6.9%
CHP Heat Production - PJ			15.0	12.0	11.2	11.6
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	1 314	1 217	1 458	2 020	1 725	1 734
Motor Gasoline	863	843	684	677	621	593
Gas/Diesel Oil	430	348	750	1 304	1 071	1 109
Final Consumption Biofuels - ktoe				25	30	45
Biogasoline				3	2	3
Biodiesel				22	28	42
Main Energy Indicators						
Energy Intensity - toe/M€'05	312	267	254	230	230	231
Energy per Capita - kgoe/cap	3 049	3 230	3 649	3 838	3 482	3 546
Final Electricity p/cap - KWh/cap	4 698	5 289	6 368	6 333	5 531	5 840
Primary Efficiency - toe/M€'05	306	257	243	222	222	225
Import Dependency - %	50.8%	52.6%	52.3%	55.1%	48.2%	49.3%
on Solid Fuels	13.6%	18.7%	21.0%	28.7%	17.9%	19.4%
on Hard Coal	100.0%	100.6%	93.7%	128.5%	86.5%	99.9%
on Petroleum Fuels	97.8%	101.5%	101.3%	101.7%	98.3%	100.5%
on Crude and NGL	95.9%	86.9%				
on Natural Gas	100.6%	99.3%	99.6%	99.7%	99.7%	99.3%
RES of the Gross Final Energy - %						
Overall RES Share				15.0%	16.9%	
RES-H&C - Heating and Cooling				19.2%	20.4%	
RES-E - Electricity Generation				30.0%	33.8%	
RE-T - Transport				1.4%	1.9%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	15	15	17	18	16	
GHGs Emissions	19	19	20	22	20	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	7 566	7 664	8 348	9 019	7 935	
Carbon Intensity - kg CO_2/toe	2 482	2 373	2 288	2 350	2 279	
CO_2 GDP Intensity - ton CO_2/M€'05	774	634	581	542	523	

Methodology, Sources and Notes: See Appendix 6 – No 4

Slovakia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**5.1**	**6.4**	**6.7**	**6.5**	**6.1**	**6.3**
Solid Fuels	1.0	1.0	0.6	0.6	0.7	0.6
of which Hard Coal						
Petroleum and Products	0.1	0.2	0.4	0.4	0.4	0.4
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	4.4	3.7	3.8
Renewables	0.5	0.5	0.9	1.0	1.2	1.4
Waste, Non-Renewable	0.2	0.3	0.1	0.0	0.0	0.0
Net Imports	**12.4**	**11.7**	**12.5**	**11.9**	**11.2**	**11.3**
Solid Fuels	4.1	3.4	3.7	3.4	3.2	3.0
of which Hard Coal	3.1	3.1	3.5	3.0	2.9	2.6
Petroleum and Products	3.6	2.8	3.3	3.4	3.0	3.3
of which Crude and NGL	5.3	5.4	5.5	5.7	5.6	5.4
Gases	4.5	5.7	5.7	5.0	4.8	5.0
of which Natural Gas	4.5	5.7	5.7	5.0	4.8	5.0
Renewables			0.0	0.0	0.0	0.0
Electricity	0.1	-0.2	-0.3	0.0	0.1	0.1
Gross Inland Consumption	**18.0**	**18.0**	**19.1**	**18.4**	**16.8**	**17.9**
Solid Fuels	5.4	4.3	4.2	4.0	3.9	3.9
of which Hard Coal	3.3	3.0	3.3	3.0	2.9	2.8
Petroleum and Products	3.6	3.1	3.8	3.8	3.4	3.7
of which Crude and NGL	5.2	5.5	5.6	5.7	5.6	5.4
Gases	5.2	5.8	5.9	5.2	4.4	5.0
of which Natural Gas	5.2	5.8	5.9	5.2	4.4	5.0
Nuclear	3.0	4.3	4.6	4.4	3.7	3.8
Renewables	0.5	0.5	0.8	1.0	1.2	1.4
Waste, Non-Renewable	0.2	0.3	0.1	0.1	0.0	0.0
Electricity	0.1	-0.2	-0.3	0.0	0.1	0.1
Primary Energy Intensity	**16.8**	**16.3**	**17.6**	**16.9**	**15.4**	**16.9**
Final Non-Energy Consumption	**1.2**	**1.6**	**1.5**	**1.5**	**1.4**	**1.0**
Final Energy Consumption	**10.7**	**10.6**	**11.1**	**11.0**	**10.2**	**11.6**
by Fuel/Product						
Solid Fuels	2.4	1.5	1.3	1.3	1.5	1.6
Petroleum and Products	1.6	1.7	2.2	2.4	2.0	2.3
Gases	3.9	4.5	4.3	4.0	3.3	4.1
Solar Energy			0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	0.1	0.1	0.3	0.5	0.6	0.6
Geothermal Energy			0.0	0.0	0.0	0.0
Waste, Non-Renewable	0.1	0.2	0.0	0.0	0.0	0.0
Electricity	1.9	1.9	2.0	2.1	2.0	2.1
Derived Heat	0.7	0.6	1.0	0.7	0.8	0.9
by Sector						
Industry	4.3	4.1	4.2	4.1	3.6	4.4
Transport	1.4	1.5	2.4	2.7	2.4	2.7
Households	2.0	2.6	2.5	2.1	2.1	2.3
Services	2.7	2.2	1.8	1.9	1.9	2.1
Agriculture	0.3	0.2	0.2	0.1	0.1	0.1
Fishing						
Other						

Methodology, Sources and Notes: See Appendix 6 – No 4

Slovakia

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**7.2**	**7.5**	**8.3**	**7.5**	**7.3**	**8.1**
Combustible Fuels	3.2	2.4	3.1	2.6	2.8	3.5
Nuclear	1.8	2.6	2.6	2.2	1.8	1.8
Hydro		2.4	2.5	2.5	2.5	2.5
Gross Electricity Generation - TWh	**26.8**	**31.2**	**31.5**	**29.0**	**26.2**	**27.8**
by Fuel - TWh						
Solid Fuels	6.5	5.6	5.5	4.7	3.9	3.6
Petroleum and Products	0.7	0.2	0.7	0.7	0.6	0.6
Gases	2.9	3.9	2.6	2.1	2.4	2.7
Nuclear	11.4	16.5	17.7	16.7	14.1	14.6
Renewables	5.2	5.0	4.8	4.8	5.1	6.3
by Type - TWh						
Main Activity Electricity only	20.5	23.9	5.4	8.4	9.9	10.6
Main Activity CHP Plants	4.6	5.7	23.6	17.8	14.2	15.2
Autoproducer Electricity only	0.0	0.0	0.1	0.1	0.1	0.1
Autoproducer CHP Plants	1.7	1.6	2.3	2.7	2.0	1.9
Combined Heat and Power						
CHP Electrical Capacity - GW			1.9	2.2	1.6	2.8
CHP Electricity Generation - TWh			4.8	7.0	5.0	4.4
CHP in Electricity Generation - %			15.3%	24.0%	19.2%	15.9%
CHP Heat Production - PJ			33.7	26.1	18.7	20.1
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	1 297	1 376	1 729	2 020	1 753	2 048
Motor Gasoline	520	615	670	682	629	621
Gas/Diesel Oil	737	735	1 005	1 274	1 078	1 383
Final Consumption Biofuels - ktoe			10	126	168	164
Biogasoline				26	34	31
Biodiesel			10	101	134	133
Main Energy Indicators						
Energy Intensity - toe/M€'05	700	593	496	378	363	371
Energy per Capita - kgoe/cap	3 347	3 329	3 544	3 405	3 102	3 300
Final Electricity p/cap - KWh/cap	4 052	4 075	4 242	4 581	4 263	4 442
Primary Efficiency - toe/M€'05	655	540	456	347	333	350
Import Dependency - %	68.9%	65.0%	65.4%	64.6%	66.4%	63.1%
on Solid Fuels	76.7%	80.2%	88.4%	85.9%	83.0%	75.7%
on Hard Coal	92.9%	103.8%	105.2%	99.0%	100.7%	91.9%
on Petroleum Fuels	100.7%	89.7%	88.4%	90.9%	88.0%	89.0%
on Crude and NGL	101.5%	97.6%	97.7%	100.1%	99.8%	99.9%
on Natural Gas	86.8%	98.8%	97.5%	96.3%	108.6%	99.9%
RES of the Gross Final Energy - %						
Overall RES Share				8.3%	10.3%	
RES-H&C - Heating and Cooling				6.3%	8.5%	
RES-E - Electricity Generation				17.1%	17.8%	
RE-T - Transport				6.0%	8.6%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	45	41	42	39	35	
GHGs Emissions	53	49	50	48	44	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	8 380	7 634	7 721	7 263	6 503	
Carbon Intensity - kg CO_2/toe	2 504	2 293	2 178	2 133	2 096	
CO_2 GDP Intensity - ton CO_2/M€'05	1 754	1 361	1 081	806	761	

Methodology, Sources and Notes: See Appendix 6 – No 4

Finland

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**13.1**	**14.8**	**16.6**	**16.5**	**16.6**	**17.2**
Solid Fuels	2.0	1.1	2.1	1.1	2.2	1.8
of which Hard Coal						
Petroleum and Products	0.0	0.1	0.2	0.2	0.3	0.4
of which Crude and NGL						
Gases						
of which Natural Gas						
Nuclear	5.0	5.8	6.0	5.9	6.1	5.9
Renewables	6.1	7.7	8.2	9.1	7.9	9.0
Waste, Non-Renewable	0.0	0.1	0.1	0.1	0.1	0.1
Net Imports	**16.1**	**18.6**	**19.3**	**19.9**	**18.7**	**17.9**
Solid Fuels	3.8	3.5	3.3	3.9	3.9	4.0
of which Hard Coal	3.7	3.2	3.0	3.4	3.7	3.7
Petroleum and Products	8.7	10.6	11.0	11.2	10.2	9.2
of which Crude and NGL	8.8	11.9	10.9	12.3	11.8	11.6
Gases	2.8	3.4	3.6	3.9	3.5	3.8
of which Natural Gas	2.8	3.4	3.6	3.9	3.5	3.8
Renewables			-0.1	-0.1	0.1	0.0
Electricity	0.7	1.0	1.5	1.1	1.0	0.9
Gross Inland Consumption	**29.6**	**32.9**	**35.1**	**36.3**	**34.3**	**37.0**
Solid Fuels	6.1	5.1	4.9	5.3	5.3	6.9
of which Hard Coal	4.1	3.3	2.9	3.0	3.3	4.3
Petroleum and Products	8.9	9.7	10.9	10.9	10.3	10.3
of which Crude and NGL	9.4	11.8	11.2	12.3	12.0	11.5
Gases	2.8	3.4	3.6	3.9	3.5	3.8
of which Natural Gas	2.8	3.4	3.6	3.9	3.5	3.8
Nuclear	5.0	5.8	6.0	5.9	6.1	5.9
Renewables	6.1	7.7	8.1	9.1	8.0	9.1
Waste, Non-Renewable	0.0	0.1	0.1	0.1	0.1	0.1
Electricity	0.7	1.0	1.5	1.1	1.0	0.9
Primary Energy Intensity	**28.4**	**31.8**	**33.7**	**34.7**	**32.8**	**35.4**
Final Non-Energy Consumption	**1.2**	**1.1**	**1.3**	**1.7**	**1.6**	**1.6**
Final Energy Consumption	**21.9**	**24.6**	**25.5**	**26.0**	**24.1**	**26.5**
by Fuel/Product						
Solid Fuels	1.3	1.1	0.9	0.9	0.7	0.9
Petroleum and Products	7.5	8.0	8.3	8.1	7.5	7.9
Gases	1.3	1.2	1.1	1.0	0.9	1.0
Solar Energy	0.0	0.0	0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	3.9	4.5	4.2	4.7	4.3	4.8
Geothermal Energy						
Waste, Non-Renewable		0.0	0.0	0.0	0.0	0.0
Electricity	5.6	6.5	6.9	7.1	6.6	7.2
Derived Heat	2.1	3.3	4.0	4.1	4.1	4.7
by Sector						
Industry	9.8	12.3	12.0	12.3	10.2	11.6
Transport	4.1	4.4	4.7	5.0	4.8	5.0
Households	5.4	4.5	5.0	5.0	5.3	5.8
Services	1.0	1.6	1.7	1.8	1.9	2.0
Agriculture	0.8	0.8	0.8	0.8	0.8	0.8
Fishing		0.0	0.0	0.0	0.0	0.0
Other	0.7	1.0	1.1	1.1	1.2	1.3

Methodology, Sources and Notes: See Appendix 6 – No 4

Finland

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**15.6**	**17.8**	**18.2**	**18.4**	**18.1**	**18.6**
Combustible Fuels	9.3	10.7	10.7	10.7	10.4	10.6
Nuclear	2.3	2.6	2.7	2.7	2.7	2.7
Hydro		2.9	3.0	3.1	3.1	3.1
Gross Electricity Generation - TWh	**64.0**	**70.0**	**70.6**	**77.4**	**72.1**	**80.7**
by Fuel - TWh						
Solid Fuels	16.6	12.5	11.0	13.7	15.5	20.8
Petroleum and Products	1.4	0.6	0.5	0.7	0.5	0.5
Gases	7.2	10.8	11.9	11.7	10.3	11.8
Nuclear	19.2	22.5	23.3	23.0	23.5	22.8
Renewables	19.5	23.4	23.5	27.8	21.7	24.2
by Type - TWh						
Main Activity Electricity only	41.1	43.8	42.0	48.8	45.4	50.5
Main Activity CHP Plants	12.2	15.3	18.4	17.7	17.6	20.0
Autoproducer Electricity only	0.6	0.9	1.1	1.0	0.9	1.0
Autoproducer CHP Plants	10.1	9.9	9.0	9.8	8.2	9.2
Combined Heat and Power						
CHP Electrical Capacity - GW			5.8	5.7	5.8	6.2
CHP Electricity Generation - TWh			27.5	27.6	25.8	29.2
CHP in Electricity Generation - %			38.9%	35.6%	35.8%	36.2%
CHP Heat Production - PJ			250.0	261.9	240.2	272.8
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	4 075	4 291	4 659	4 817	4 558	4 749
Motor Gasoline	1 983	1 792	1 881	1 693	1 635	1 601
Gas/Diesel Oil	1 638	1 932	2 161	2 350	2 227	2 413
Final Consumption Biofuels - ktoe				81	145	142
Biogasoline				71	87	80
Biodiesel				10	59	63
Main Energy Indicators						
Energy Intensity - toe/M€'05	270	238	223	209	216	224
Energy per Capita - kgoe/cap	5 786	6 359	6 682	6 835	6 432	6 894
Final Electricity p/cap - KWh/cap	12 768	14 620	15 390	15 534	14 437	15 564
Primary Efficiency - toe/M€'05	260	230	214	200	206	214
Import Dependency - %	53.9%	55.3%	54.2%	54.2%	54.0%	48.1%
on Solid Fuels	63.4%	68.9%	67.7%	72.2%	73.3%	57.8%
on Hard Coal	89.0%	97.7%	102.6%	113.2%	109.8%	85.5%
on Petroleum Fuels	94.7%	101.9%	96.4%	98.9%	96.5%	87.3%
on Crude and NGL	94.1%	101.5%	97.5%	100.2%	98.2%	101.1%
on Natural Gas	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
RES of the Gross Final Energy - %						
Overall RES Share				30.6%	30.3%	
RES-H&C - Heating and Cooling				42.5%	41.7%	
RES-E - Electricity Generation				27.2%	27.2%	
RE-T - Transport				2.1%	2.3%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	60	60	59	61	58	
GHGs Emissions	73	72	71	74	69	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	11 707	11 568	11 308	11 545	10 824	
Carbon Intensity - kg CO_2/toe	2 023	1 819	1 692	1 689	1 683	
CO_2 GDP Intensity - ton CO_2/M€'05	547	433	377	353	363	

Methodology, Sources and Notes: See Appendix 6 – No 4

Sweden

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**31.4**	**30.1**	**34.3**	**32.9**	**30.0**	**33.2**
Solid Fuels	0.2	0.2	0.2	0.2	0.2	0.2
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	16.5	13.5	14.9
Renewables	12.8	14.7	14.8	15.6	15.8	17.4
Waste, Non-Renewable	0.2	0.3	0.5	0.4	0.4	0.5
Net Imports	**19.3**	**19.2**	**20.2**	**19.7**	**17.8**	**19.5**
Solid Fuels	2.8	2.4	2.6	2.3	1.4	2.5
of which Hard Coal	2.4	2.1	2.2	2.0	1.3	2.3
Petroleum and Products	15.9	15.6	17.4	16.8	14.9	15.4
of which Crude and NGL	18.1	20.7	20.2	21.2	19.2	19.9
Gases	0.8	0.8	0.8	0.8	1.1	1.3
of which Natural Gas	0.8	0.8	0.8	0.8	1.1	1.3
Renewables						
Electricity	-0.1	0.4	-0.6	-0.2	0.4	0.2
Gross Inland Consumption	**50.3**	**47.7**	**51.7**	**50.0**	**45.7**	**51.4**
Solid Fuels	2.9	2.5	2.6	2.4	1.9	2.5
of which Hard Coal	2.3	2.0	2.1	1.9	1.7	2.0
Petroleum and Products	15.7	14.1	14.9	14.3	12.6	14.5
of which Crude and NGL	18.2	20.6	20.1	20.8	19.5	20.1
Gases	0.8	0.8	0.9	0.9	1.1	1.3
of which Natural Gas	0.8	0.8	0.8	0.8	1.1	1.3
Nuclear	18.0	14.8	18.7	16.5	13.5	14.9
Renewables	12.8	14.7	14.8	15.6	15.8	17.4
Waste, Non-Renewable	0.2	0.3	0.5	0.4	0.4	0.5
Electricity	-0.1	0.4	-0.6	-0.2	0.4	0.2
Primary Energy Intensity	**48.3**	**45.9**	**49.4**	**47.7**	**44.1**	**49.3**
Final Non-Energy Consumption	**2.0**	**1.7**	**2.3**	**2.3**	**1.7**	**2.0**
Final Energy Consumption	**34.9**	**34.9**	**33.6**	**32.5**	**31.5**	**34.4**
by Fuel/Product						
Solid Fuels	1.2	1.1	1.3	1.2	0.7	1.2
Petroleum and Products	13.8	13.2	11.4	10.2	9.8	10.1
Gases	0.6	0.7	0.7	0.7	0.6	0.6
Solar Energy	0.0	0.0	0.0	0.0	0.0	0.0
Biomass and Renewable Wastes	5.1	5.3	4.7	5.3	5.5	6.1
Geothermal Energy						
Waste, Non-Renewable	0.0					
Electricity	10.7	11.1	11.2	11.1	10.6	11.3
Derived Heat	3.5	3.6	4.2	4.1	4.3	5.1
by Sector						
Industry	13.8	14.3	12.6	12.2	11.1	12.6
Transport	7.7	8.1	8.6	8.8	8.5	8.6
Households	7.7	7.3	7.3	6.6	6.9	7.6
Services	4.8	4.4	4.3	4.1	4.2	4.9
Agriculture	0.8	0.7	0.7	0.7	0.7	0.6
Fishing	0.1	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0

Methodology, Sources and Notes: See Appendix 6 – No 4

Sweden

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**34.9**	**35.3**	**36.4**	**37.2**	**39.2**	**40.4**
Combustible Fuels	7.3	7.5	7.1	7.7	8.3	8.7
Nuclear	10.1	9.5	9.5	8.9	8.8	9.0
Hydro		16.5	16.3	16.4	16.7	16.7
Gross Electricity Generation - TWh	**148.4**	**145.3**	**158.4**	**150.0**	**136.7**	**148.6**
by Fuel - TWh						
Solid Fuels	2.4	1.7	1.2	1.1	1.2	1.8
Petroleum and Products	3.9	1.5	1.4	0.9	0.7	1.8
Gases	1.3	1.3	1.3	1.7	1.9	3.8
Nuclear	69.9	57.3	72.4	63.9	52.2	57.8
Renewables	70.6	83.2	81.3	81.5	79.9	82.2
by Type - TWh						
Main Activity Electricity only	134.9	136.2	146.4	135.3	120.8	128.1
Main Activity CHP Plants	6.0	4.8	7.1	8.3	10.4	13.9
Autoproducer Electricity only	3.5	0.4	0.3	0.0	0.0	0.0
Autoproducer CHP Plants	3.9	3.8	4.7	6.5	5.6	6.6
Combined Heat and Power						
CHP Electrical Capacity - GW			3.5	4.1	4.5	5.1
CHP Electricity Generation - TWh			10.7	14.4	14.3	18.5
CHP in Electricity Generation - %			6.7%	9.6%	10.5%	12.5%
CHP Heat Production - PJ			132.7	164.9	161.4	187.2
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	7 444	7 803	8 194	8 191	7 922	8 020
Motor Gasoline	4 467	4 180	4 140	3 670	3 619	3 383
Gas/Diesel Oil	2 085	2 653	3 133	3 492	3 365	3 651
Final Consumption Biofuels - ktoe			135	344	361	380
Biogasoline			128	214	198	203
Biodiesel			7	130	162	177
Main Energy Indicators						
Energy Intensity - toe/M€'05	229	182	173	156	151	159
Energy per Capita - kgoe/cap	5 700	5 372	5 730	5 421	4 918	5 476
Final Electricity p/cap - KWh/cap	14 112	14 509	14 474	13 953	13 267	13 992
Primary Efficiency - toe/M€'05	220	176	166	149	145	153
Import Dependency - %	37.6%	39.2%	37.7%	37.9%	37.1%	36.5%
on Solid Fuels	95.4%	98.2%	97.2%	93.5%	70.2%	102.2%
on Hard Coal	101.5%	107.7%	104.3%	102.8%	77.6%	115.2%
on Petroleum Fuels	95.3%	100.8%	103.8%	102.6%	101.8%	93.8%
on Crude and NGL	99.3%	100.6%	100.4%	102.0%	98.3%	99.0%
on Natural Gas	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
RES of the Gross Final Energy - %						
Overall RES Share				44.9%	47.3%	
RES-H&C - Heating and Cooling				63.5%	64.8%	
RES-E - Electricity Generation				53.6%	58.2%	
RE-T - Transport				6.6%	7.3%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	63	61	62	59	56	
GHGs Emissions	79	76	76	73	69	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	7 192	6 832	6 840	6 423	6 011	
Carbon Intensity - kg CO_2/toe	1 262	1 272	1 194	1 185	1 222	
CO_2 GDP Intensity - ton CO_2/M€'05	289	232	207	185	184	

Methodology, Sources and Notes: See Appendix 6 – No 4

United Kingdom

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Production	**254.5**	**270.1**	**203.9**	**165.7**	**157.9**	**148.1**
Solid Fuels	32.1	18.7	11.9	10.6	10.4	10.8
of which Hard Coal	32.1	18.7	11.9	10.6	10.4	10.8
Petroleum and Products	133.8	129.5	87.5	73.9	70.3	64.1
of which Crude and NGL	133.6	129.4	87.5	73.7	70.2	63.9
Gases	63.7	97.6	79.4	62.7	53.7	51.5
of which Natural Gas	63.7	97.6	79.4	62.7	53.7	51.5
Nuclear	22.9	21.9	21.1	13.5	17.8	16.0
Renewables	1.8	2.3	3.5	4.6	5.1	5.3
Waste, Non-Renewable	0.2	0.2	0.6	0.4	0.5	0.4
Net Imports	**-36.4**	**-39.7**	**31.7**	**58.0**	**55.1**	**60.7**
Solid Fuels	10.5	14.5	27.2	26.9	23.0	15.7
of which Hard Coal	10.3	14.4	26.7	26.5	23.0	16.0
Petroleum and Products	-49.0	-46.0	-2.6	7.3	6.1	11.3
of which Crude and NGL	-43.4	-42.3	-0.2	7.6	5.9	9.4
Gases	0.6	-9.3	6.0	22.0	24.7	32.0
of which Natural Gas	0.6	-9.3	6.0	22.0	24.7	32.0
Renewables			0.4	0.9	1.1	1.5
Electricity	1.4	1.2	0.7	0.9	0.2	0.2
Gross Inland Consumption	**221.9**	**231.7**	**233.4**	**219.3**	**207.9**	**212.6**
Solid Fuels	47.2	36.5	37.7	35.9	29.6	30.5
of which Hard Coal	47.1	36.6	37.3	35.4	29.6	30.9
Petroleum and Products	83.2	82.2	83.9	78.5	75.4	73.9
of which Crude and NGL	91.1	88.2	87.1	81.5	76.6	73.5
Gases	65.1	87.4	85.5	84.5	78.1	84.8
of which Natural Gas	65.1	87.4	85.5	84.5	78.1	84.8
Nuclear	22.9	21.9	21.1	13.5	17.8	16.0
Renewables	1.8	2.3	4.0	5.4	6.2	6.8
Waste, Non-Renewable	0.2	0.2	0.6	0.4	0.5	0.4
Electricity	1.4	1.2	0.7	0.9	0.2	0.2
Primary Energy Intensity	**209.4**	**220.4**	**222.2**	**210.6**	**199.9**	**204.5**
Final Non-Energy Consumption	**12.5**	**11.3**	**11.2**	**8.7**	**7.9**	**8.1**
Final Energy Consumption	**142.0**	**152.6**	**152.3**	**147.6**	**136.9**	**143.0**
by Fuel/Product						
Solid Fuels	8.2	6.0	4.6	5.0	4.1	4.0
Petroleum and Products	60.4	63.0	65.4	63.5	60.3	60.3
Gases	47.1	52.2	50.4	46.5	41.6	46.9
Solar Energy	0.0	0.0	0.0	0.1	0.1	0.1
Biomass and Renewable Wastes	0.9	0.6	0.6	1.6	1.8	2.1
Geothermal Energy	0.0	0.0	0.0	0.0	0.0	0.0
Waste, Non-Renewable	0.1	0.0	0.1	0.1	0.1	0.1
Electricity	25.3	28.3	30.0	29.4	27.7	28.2
Derived Heat		2.4	1.3	1.5	1.2	1.3
by Sector						
Industry	34.9	36.9	33.4	32.3	27.5	28.2
Transport	47.1	52.3	55.1	55.0	52.8	52.6
Households	39.3	43.0	44.2	42.0	39.8	44.6
Services	16.3	16.8	16.7	15.8	14.6	15.0
Agriculture	1.3	1.1	0.9	0.9	0.9	0.9
Fishing						
Other	3.2	2.4	2.0	1.6	1.5	1.6

Methodology, Sources and Notes: See Appendix 6 – No 4

United Kingdom

Mtoe, unless otherwise stated	1995	2000	2005	2008	2009	2010
Installed Electricity Capacity - GW	**70.4**	**79.2**	**84.0**	**87.3**	**89.4**	**95.7**
Combustible Fuels	52.9	61.2	64.7	66.7	67.7	72.7
Nuclear	12.8	12.5	11.9	11.0	10.9	10.9
Hydro		4.3	4.3	4.4	4.4	4.4
Gross Electricity Generation - TWh	**334.0**	**377.1**	**398.4**	**388.7**	**376.7**	**381.1**
by Fuel - TWh						
Solid Fuels	153.8	120.0	134.6	124.4	103.0	107.7
Petroleum and Products	17.3	8.4	5.3	6.8	6.0	4.9
Gases	65.1	150.4	154.3	177.6	167.9	176.1
Nuclear	89.0	85.1	81.6	52.5	69.1	62.1
Renewables	8.4	12.7	19.9	25.7	28.9	28.9
by Type - TWh						
Main Activity Electricity only	310.3	337.7	353.0	346.7	334.9	340.0
Main Activity CHP Plants	0.0	0.0	0.0	0.0	0.0	0.0
Autoproducer Electricity only	9.3	12.6	18.2	15.8	16.9	16.5
Autoproducer CHP Plants	14.5	26.8	27.2	26.2	25.0	24.6
Combined Heat and Power						
CHP Electrical Capacity - GW			5.4	5.5	5.7	6.1
CHP Electricity Generation - TWh			27.2	25.0	24.5	23.6
CHP in Electricity Generation - %			6.8%	6.4%	6.5%	6.2%
CHP Heat Production - PJ			185.2	161.6	155.9	155.5
Transport Fuels - ktoe						
Final Consumption Petroleum and Products - ktoe	46 396	51 565	54 675	53 835	51 511	51 088
Motor Gasoline	23 071	22 703	19 712	17 578	16 669	15 956
Gas/Diesel Oil	15 214	17 630	21 351	22 665	22 094	22 759
Final Consumption Biofuels - ktoe			68	790	970	1 127
Biogasoline			43	104	162	319
Biodiesel			25	686	808	809
Main Energy Indicators						
Energy Intensity - toe/M€'05	167	146	127	114	113	113
Energy per Capita - kgoe/cap	3 824	3 935	3 875	3 571	3 364	3 420
Final Electricity p/cap - KWh/cap	5 079	5 594	5 789	5 573	5 223	5 280
Primary Efficiency - toe/M€'05	157	138	121	109	109	109
Import Dependency - %	-16.2%	-17.0%	13.5%	26.2%	26.2%	28.3%
on Solid Fuels	22.2%	39.6%	72.1%	74.9%	77.7%	51.7%
on Hard Coal	21.8%	39.4%	71.5%	75.0%	77.7%	51.9%
on Petroleum Fuels	-57.1%	-54.6%	-3.0%	9.0%	7.8%	14.9%
on Crude and NGL	-47.7%	-48.0%	-0.2%	9.3%	7.7%	12.7%
on Natural Gas	1.0%	-10.7%	7.0%	26.1%	31.6%	37.7%
RES of the Gross Final Energy - %						
Overall RES Share				2.3%	2.9%	
RES-H&C - Heating and Cooling				1.4%	1.7%	
RES-E - Electricity Generation				5.4%	6.6%	
RE-T - Transport				2.2%	2.7%	
Gas Emissions - mio ton CO_2						
CO_2 Emissions	576	586	596	574	521	
GHGs Emissions	739	708	695	666	610	
Main Emissions Indicators						
CO_2 per Capita - kg CO_2/cap	9 935	9 947	9 890	9 353	8 427	
Carbon Intensity - kg CO_2/toe	2 598	2 528	2 552	2 619	2 505	
CO_2 GDP Intensity - ton CO_2/M€'05	433	368	325	298	283	

Methodology, Sources and Notes: See A ndix 6 – No 4

Annexes
and Appendices

Summary

Enterprises in the Sector, Number

	Electricity, Gas, Steam and Hot Water Supply*						Electricity, Gas, Steam and Air Conditioning Supply**	
	1995	2000	2005	2006	2007	2008	2008	2009
EU-27			19000	22200	26809			39000
BE		66	105	112	132	275		
BG		93	204	236	352	586	583	921
CZ	679	734	864	867			1264	1616
DK	2495	2497	2001	1865	1646	1689	1692	
DE		1371	1461	1468	1542	1589	1589	1672
EE	315	232	187	189	191	181	181	192
IE	10						140	147
EL								
ES	641	1278	2383	5158	7884	11997	12004	12707
FR		1742	2355	2582	3373	3860	3866	6519
IT	1117	1262	1742	1886	2158	2459	2472	2930
CY						1	1	1
LV		208	286	269	259	279	279	322
LT	43	132	186	188	206	214	213	225
LU	20	46	40	48	51	60	60	64
HU		143	376	430	483	531	542	562
MT								
NL	155	310	490	520		562	558	687
AT	422	516	1250	1327	1420	1512	1512	1569
PL			1444	1321	1486	1791	1788	2079
PT		164	491	521	579	620	618	681
RO		146	256	292	392		506	609
SI	200	273	313	336	354	413	417	481
SK	25	103	183	179	168	203	203	191
FI	538	588	636	663	714	722	722	726
SE		1110	1255	1291	1387	1523	1528	1636
UK		220	387	403	471	477	478	598

* Electricity, Gas, Steam and Hot Water Supply – 1995-2008 – NACE rev 1.1 – sbs_na_2a_el – E40
** Electricity, Gas, Steam and Air Conditioning Supply – 2008-09 – NACE rev 2 – sbs_na_ind_r2 – D
2008: UK, CZ Provisional Data.
2005, 2006, 2009: EU-27 Estimated Data.
2009: RO Provisional Data.
Source: Eurostat, June 2012

Enterprises in the Sector, Persons Employed

	Electricity, Gas, Steam and Hot Water Supply*						Electricity, Gas, Steam and Air Conditioning Supply**	
	1995	2000	2005	2006	2007	2008	2008	2009
EU-27				1 227 400	1 218 500		1 200 000	1 200 000
BE	22 434	19 872	17 250	16 624	17 224	18 636		
BG		40 077	39 944	38 435	35 732	36 198	36 197	35 607
CZ	66 542	50 657	40 007	37 055			32 652	32 809
DK	17 091	13 963	14 066	13 805	12 903	12 843	13 206	
DE		250 090	236 140	234 701	230 901	221 450	221 450	224 119
EE			6 930	6 655	6 488	6 290	6 290	5 874
IE	11 134						9 258	9 354
EL								
ES	51 546	43 417	37 029	39 208	43 836	47 470	47 622	48 089
FR		168 198	160 044	159 946	159 105			
IT	148 627	129 035	94 486	88 944	86 830	84 056	84 224	85 443
CY	1 123					1 427	1 427	1 473
LV		16 959	14 008	13 050	11 753	12 185	12 185	11 277
LT	32 455	30 132	20 126	19 352	18 815	18 305	18 303	17 103
LU	770	1 145	918	946	962	1 094	1 094	1 170
HU		48 579	35 418	32 880	28 298	26 979	27 387	26 537
MT								
NL	34 822	27 831	21 545	19 207	20 146	24 344	23 869	22 180
AT	36 231	32 488	29 029	28 788	27 856	28 218	28 218	28 289
PL			159 396	156 943	155 190	155 368	153 286	152 604
PT		15 266	10 765	10 525	10 672	10 237	10 210	10 024
RO		133 074	103 084	96 012	92 074		89 511	86 047
SI			7 696	7 711	7 777	7 715	7 828	8 022
SK		31 879	26 815	25 875	23 712	21 641	21 641	19 770
FI	13 188	15 366	12 809	13 810	12 991	13 430	13 430	13 136
SE		24 274	28 945	29 155	30 205	31 120	31 151	30 820
UK		103 671	106 359	110 610	123 195		121 447	113 853

* Electricity, Gas, Steam and Hot Water Supply – 1995-2008 – NACE rev 1.1 – sbs_na_2a_el – E40
** Electricity, Gas, Steam and Air Conditioning Supply – 2008-09 – NACE rev 2 – sbs_na_ind_r2 – D
2008-09: EU-27 is Estimated Data. RO, CZ Provisional.
Source: Eurostat, June 2012

Enterprises in the Sector, Turnover

	Electricity, Gas, Steam and Hot Water Supply*						Electricity, Gas, Steam and Air Conditioning Supply**	
Million EUR	**1995**	**2000**	**2005**	**2006**	**2007**	**2008**	**2008**	**2009**
EU-27				885213	939931		1100000	1100000
BE	20833	23798	28329	34445	34618	42024		
BG		1967	3931	4456	5672	7313	7313	6919
CZ	6732	6786		19526			30927	35028
DK	6912	8945	15271	18479	17110	20401	20410	
DE		124237	216799	258608	289909	357896	357896	380564
EE	362		1059	1113	1352	1542	1542	1525
IE	1631						6773	6464
EL								
ES	20023	29300	49229	54659	55180	74323	74339	64370
FR		46847	66498	73838	85484	108134	106501	103395
IT	36116	53517	111560	138088	123463	163564	156802	151962
CY	170					738	738	629
LV		663	774	1042	1472	2391	2391	2332
LT	616	1038	1682	1873	2148	2691	2690	2686
LU	453	709	1372	1859	2087	2387	2387	2531
HU		5789	10809	11370	16559	19722	26853	22522
MT								
NL	15793	20922		35517			38660	45710
AT	9793	10051	17351	22252	22786	27554	27554	28104
PL			27824	31261	33854	44168	44091	39851
PT		7863	10875	11967	14926	18987	20620	16374
RO		4377	8750	10070	11723		13181	11288
SI	1384	1784	1789	2135	2353	2758	3580	3627
SK	2324	3383	6081	7196	8232	11021	11021	10784
FI	5115	7396	8546	10737	10328	12012	12012	12136
SE		16489	20360	22825	22380	24827	24824	21626
UK		69454	83910	101117	106419	107875	107876	102616

* Electricity, Gas, Steam and Hot Water Supply – 1995-2008 – NACE rev 1.1 – sbs_na_2a_el – E40
** Electricity, Gas, Steam and Air Conditioning Supply – 2008-09 – NACE rev 2 – sbs_na_ind_r2 – D
2008-09: EU-27 is Estimated Data. RO, CZ Provisional.
Source: Eurostat, June 2012

Enterprises in the Sector, Value Added at Factor Cost

	Electricity, Gas, Steam and Hot Water Supply*						Electricity, Gas, Steam and Air Conditioning Supply**	
Million EUR	1995	2000	2005	2006	2007	2008	2008	2009
EU-27				180392	200000		199849	212150
BE	5394	5076	4657	4968	5386	5615		
BG		539	867	985	985	1025	1025	1199
CZ		1875	3432	4435			5700	6534
DK	2163	2081	2765	3032	2362	2978	2981	
DE		29850	36725	39198	41766			
EE	72		291	423	314	299	299	423
IE	828						2808	3008
EL								
ES	9526	9739	12007	13031	15271	17521	17527	17530
FR		18805	21525	23261	23257	23502	22662	22713
IT	16577	19483	17287	18096	19374	18766	18868	20754
CY	111					241	241	264
LV		231	296	317	483	528	528	559
LT	116	328	528	574	609	600	600	680
LU	113	190	224	253	260	258	258	311
HU		1327	1975	1704	2095	2440	2486	2478
MT								
NL	4610	3801		4983			5588	7378
AT	4511	4419	4545	5584	5368	5342	5342	5303
PL			7732	7825	8416	9468	9447	10165
PT		2458	2638	2871	3252	3416	3545	3773
RO		763	1807	1868	2269		2881	3001
SI	149	170	508	521	601	633	687	670
SK	840	915	2042	2472	2495	2668	2668	2874
FI	1459	1789	2606	2959	3050	3270	3270	3281
SE		4932	6360	6346	6767	7493	7523	6781
UK		16968	25656	30173	31048	28146	27718	31609

* Electricity, Gas, Steam and Hot Water Supply – 1995-2008 – NACE rev 1.1 – sbs_na_2a_el – E40
** Electricity, Gas, Steam and Air Conditioning Supply – 2008-09 – NACE rev 2 – sbs_na_ind_r2 – D
2007: EU-27 is Estimated Data. UK Provisional.
2008-09: DE, BE, EL Data Considered Confidential. CZ, RO Provisional
Source: Eurostat, June 2012

Enterprises in the Sector, Apparent Labour Productivity*

Thousand EUR	Electricity, Gas, Steam and Hot Water Supply**						Electricity, Gas, Steam and Air Conditioning Supply***	
	1995	2000	2005	2006	2007	2008	2008	2009
EU-27			130	147				180
BE	240	255	270	299	313	301		
BG			22		28	28	28	34
CZ			86	120			175	199
DK	127	149	197	220	183	232	226	
DE		119	156	167	181			
EE			42	64	49	48	48	72
IE	74						303	322
EL								134
ES	180	224	324	332	348	369	368	365
FR		112	135	145	146			
IT	112	151	183	204	223	223	224	243
CY						169	169	179
LV		14	21	24	41	43	43	50
LT		11	26	30	32	33	33	40
LU	147	166	244	268	270	236	236	265
HU		27	56	52	74	90	91	93
MT								
NL	132	137		259			234	333
AT	125	136	157	194	193	189	189	188
PL			49	50	54	61	62	67
PT		161	245	273	305	334	347	376
RO		6	18	20	25		32	35
SI			66	68	77	82	88	84
SK		29	76	96	105	123	123	145
FI	111	116	204	214	235	244	244	250
SE		203	220	218	224	241	242	220
UK		164	241	273	252		228	278

* Gross Value Added per Person Employed
** Electricity, Gas, Steam and Hot Water Supply – 1995-2008 – NACE rev 1.1 – sbs_na_2a_el – E40
*** Electricity, Gas, Steam and Air Conditioning Supply – 2008-09 – NACE rev 2 – sbs_na_ind_r2 – D

2005-09: EU-27 Estimated.
2008: UK Provisional.
2008-09: DE, BE Data Considered Confidential. CZ, RO Provisional
Source: Eurostat, June 2012

Energy Sector, Industry Production Index*

	Electricity, Gas, Steam and Air Conditioning Supply**						
% change Y/Y	2005	2006	2007	2008	2009	2010	2011
EU-27	1.9	0.9	-0.7	0.0	-4.7	4.3	-4.6
BE	11.9	2.1	3.5	-4.2	7.2	2.5	-6.0
BG	8.6	-1.0	18.6	2.5	-6.1	-2.5	7.9
CZ	-2.0	3.2	1.7	-4.7	-3.8	5.1	-2.6
DK	-7.9	15.8	-13.6	-9.0	0.1	8.3	-4.9
DE	0.1	1.4	-3.5	-2.0	-4.5	4.4	-7.4
EE	-1.1	-3.7	15.9	-11.4	-12.2	31.9	-2.8
IE							
EL	0.6	-1.7	3.6	-2.8	-4.2	-9.2	-8.9
ES	4.3	0.6	1.9	1.0	-7.6	2.9	-3.5
FR	0.7	-1.4	-1.5	1.8	-4.3	7.6	-6.8
IT	2.3	2.2	-0.3	0.7	-9.0	2.4	-2.3
CY	5.3	6.2	3.7	4.3	2.8	2.0	-8.1
LV	2.9	6.7	4.4	-3.9	-7.2	8.2	0.9
LT	-0.2	0.0	2.3	0.6	-6.5	-4.1	-14.6
LU	1.7	6.5	-3.2	-6.1	-2.5	11.8	-9.4
HU	-1.6	0.3	4.0	4.7	-11.7	1.0	-1.1
MT		1.2	1.6	-1.4	-4.3	-2.5	2.4
NL	17.9	-2.6	-2.1	3.6	-0.1	6.0	-12.6
AT	5.5	8.0	1.3	10.2	-3.5	5.2	11.2
PL	3.5	0.3	2.3	-0.6	-5.0	0.6	1.5
PT	15.9	7.1	-8.0	-7.2	4.6	0.6	-7.4
RO	1.6	-7.5	4.3	0.3	6.8	8.0	6.5
SI	-1.1	-0.6	-11.1	1.8	-7.0	1.7	5.4
SK	3.9	-2.8	-4.6	8.0	-7.9	11.5	-1.4
FI	-11.5	16.1	-1.5	-8.2	-0.3	11.4	-8.9
SE	4.0	-8.9	3.5	1.5	-9.0	8.4	0.8
UK	-0.3	-0.1	0.8	0.5	-4.8	3.6	-5.2

* Annual Data – Percentage Change

** Electricity, Gas, Steam and Hot Water Supply – 1995-2008 – NACE rev 1.1 – sbs_na_2a_el – E40
Electricity, Gas, Steam and Air Conditioning Supply – 2008-09 – NACE rev 2 – sbs_na_ind_r2 – D

Energy Sector, Inflation – HICP*

	Energy**						
(2005=100)	1996	2000	2005	2008	2009	2010	2011
EU-27	63.3	79.6	100.0	124.4	118.1	126.5	140.9
BE	72.1	85.1	100.0	128.9	110.8	121.9	142.7
BG		62.1	100.0	124.4	117.3	128.1	139.5
CZ		81.2	100.0	124.5	127.8	133.3	142.8
DK	69.4	86.7	100.0	113.7	109.1	119.2	129.9
DE	67.0	79.0	100.0	123.2	116.6	121.2	133.3
EE			100.0	144.7	139.7	155.7	168.9
IE	65.8	78.3	100.0	123.1	113.4	124.3	139.2
EL	75.2	81.4	100.0	127.2	111.8	145.7	170.0
ES	75.1	86.6	100.0	122.9	111.9	125.9	145.6
FR	78.4	87.6	100.0	120.1	106.6	117.0	131.0
IT	77.6	88.0	100.0	120.8	110.0	114.7	127.5
CY	50.3	65.1	100.0	126.5	106.7	127.6	150.7
LV	59.3	76.8	100.0	158.4	164.6	173.5	197.0
LT	50.4	88.3	100.0	135.5	146.6	161.8	181.3
LU	67.3	81.9	100.0	124.6	104.8	117.1	133.1
HU			100.0	136.4	139.3	155.8	170.3
MT	59.0	76.6	100.0	127.1	124.3	147.4	164.8
NL	56.8	72.4	100.0	116.6	111.9	112.4	121.3
AT	77.12	86.1	100.0	122.4	109.6	118.0	131.3
PL	45.4	76.7	100.0	118.6	125.7	133.5	145.8
PT	71.0	77.2	100.0	119.3	109.8	120.2	135.6
RO			100.0	130.2	135.4	145.7	159.1
SI		68.1	100.0	122.6	117.1	133.5	145.2
SK	26.4	59.4	100.0	119.7	120.1	118.5	130.9
FI	74.7	86.9	100.0	122.3	112.2	124.3	142.9
SE	68.7	76.5	100.0	117.6	116.6	123.0	128.9
UK	73.9	85.5	100.0	141.2	141.1	149.6	168.1

* Annual Average Index
** COICOP Energy
EU-27, SE Estimated Data.
Source: Eurostat, June 2012
Series: prc_hicp_aind

Energy, Inflation Index Change Rate – HICP*

	Energy**						
% share Y/Y	1997	2000	2005	2008	2009	2010	2011
EU-27	7.3	12.7	9.9	11.0	-5.1	7.2	11.4
BE	3.2	16.3	12.7	19.8	-14.0	10.0	17.0
BG		18.2	12.8	12.5	-5.7	9.2	8.9
CZ			6.4	11.0	2.7	4.3	7.2
DK	3.0	12.2	7.6	7.7	-4.0	9.3	9.0
DE	2.8	13.9	10.3	9.4	-5.4	3.9	10.0
EE			13.6	23.8	-3.5	11.4	8.5
IE	3.1	13.7	12.6	8.8	-7.9	9.6	12.0
EL	-2.7	17.3	13.6	13.8	-12.1	30.4	16.7
ES	2.4	13.4	9.7	11.9	-9.0	12.5	15.7
FR	2.0	12.1	9.8	10.8	-11.2	9.7	12.0
IT	1.9	11.6	8.7	10.1	-8.9	4.2	11.2
CY	6.4	23.0	12.9	13.9	-15.7	19.6	18.1
LV	14.7	6.1	12.2	27.3	4.0	5.4	13.5
LT	19.5	17.2	7.2	17.9	8.2	10.4	12.0
LU	3.7	20.3	14.9	12.4	-15.9	11.7	13.7
HU			7.6	12.1	2.1	11.8	9.3
MT	8.2	10.9	15.9	14.5	-2.2	18.6	11.8
NL	8.1	14.9	11.8	4.6	-4.0	0.5	7.9
AT	3.0	11.6	9.8	10.7	-10.4	7.6	11.3
PL	17.5	14.5	6.2	8.5	5.9	6.2	9.2
PT	3.8	6.1	10.0	6.6	-8.0	9.5	12.8
RO			17.6	9.9	4.0	7.6	9.3
SI			11.9	9.4	-4.5	13.9	8.8
SK	6.4	43.1	8.2	4.5	0.3	-1.3	10.5
FI	1.8	11.2	6.6	13.5	-8.3	10.8	15.0
SE	4.8	6.5	5.6	9.5	-0.8	5.5	4.8
UK	3.1	7.0	10.9	16.9	-0.1	6.0	12.4

* Average Annual Index Rate of Change – HICP
** COICOP Energy
EU-27, SE Estimated Data.
Source: Eurostat, June 2012
Series: prc_hicp_aind

Total Employment Rate* – 15-64 Years

	All Sectors						
%	1995	2000	2005	2008	2009	2010	2011
EU-27		62.2	63.4	65.8	64.5	64.1	64.3
BE	56.1	60.5	61.1	62.4	61.6	62.0	61.9
BG		50.4	55.8	64.0	62.6	59.7	58.5
CZ		65.0	64.8	66.6	65.4	65.0	65.7
DK	73.4	76.3	75.9	77.9	75.3	73.3	73.1
DE	64.6	65.6	65.5	70.1	70.3	71.1	72.5
EE		60.4	64.4	69.8	63.5	61.0	65.1
IE	54.4	65.2	67.6	67.6	62.2	60.1	59.2
EL	54.7	56.5	60.1	61.9	61.2	59.6	55.6
ES	46.9	56.3	63.3	64.3	59.8	58.6	57.7
FR	59.5	62.1	63.7	64.8	64.0	63.8	63.8
IT	51.0	53.7	57.6	58.7	57.5	56.9	56.9
CY		65.7	68.5	70.9	69.9	69.7	68.1
LV		57.5	63.3	68.6	60.9	59.3	61.8
LT		59.1	62.6	64.3	60.1	57.8	60.7
LU	58.7	62.7	63.6	63.4	65.2	65.2	64.6
HU		56.3	56.9	56.7	55.4	55.4	55.8
MT		54.2	53.9	55.3	55.0	56.1	57.6
NL	64.7	72.9	73.2	77.2	77.0	74.7	74.9
AT	68.8	68.5	68.6	72.1	71.6	71.7	72.1
PL		55.0	52.8	59.2	59.3	59.3	59.7
PT	63.7	68.4	67.5	68.2	66.3	65.6	64.2
RO		63.0	57.6	59.0	58.6	58.8	58.5
SI		62.8	66.0	68.6	67.5	66.2	64.4
SK		56.8	57.7	62.3	60.2	58.8	59.5
FI	61.6	67.2	68.4	71.1	68.7	68.1	69.0
SE	70.9	73.0	72.5	74.3	72.2	72.7	74.1
UK	68.5	71.2	71.7	71.5	69.9	69.5	69.5

* Total Employment (Resident Population Concept – LFS)
Source: Eurostat, June 2012
Series: lfsi_emp_a
Emp_RT_15_64

Unemployment Rate*

	All Sectors						
%	1995	2000	2005	2008	2009	2010	2011
EU-27		8.8	9.0	7.1	9.0	9.7	9.7
BE	9.7	6.9	8.5	7.0	7.9	8.3	7.2
BG		16.4	10.1	5.6	6.8	10.2	11.2
CZ		8.7	7.9	4.4	6.7	7.3	6.7
DK	6.7	4.3	4.8	3.4	6.0	7.5	7.6
DE	8.3	8.0	11.3	7.5	7.8	7.1	5.9
EE		13.6	7.9	5.5	13.8	16.9	12.5
IE	12.3	4.2	4.4	6.3	11.9	13.7	14.4
EL		11.2	9.9	7.7	9.5	12.6	17.7
ES	20.0	11.7	9.2	11.3	18.0	20.1	21.7
FR	10.5	9.0	9.3	7.8	9.5	9.8	9.7
IT	11.2	10.0	7.7	6.7	7.8	8.4	8.4
CY		4.8	5.3	3.7	5.3	6.2	7.8
LV		13.7	8.9	7.5	17.1	18.7	16.2
LT		16.4	8.3	5.8	13.7	17.8	15.4
LU	2.9	2.2	4.6	4.9	5.1	4.6	4.8
HU		6.4	7.2	7.8	10.0	11.2	10.9
MT		6.7	7.3	6.0	6.9	6.9	6.5
NL	7.1	3.1	5.3	3.1	3.7	4.5	4.4
AT	3.9	3.6	5.2	3.8	4.8	4.4	4.2
PL		16.1	17.8	7.1	8.2	9.6	9.7
PT**	7.2	4.5	8.6	8.5	10.6	12.0	12.9
RO		6.8	7.2	5.8	6.9	7.3	7.4
SI		6.7	6.5	4.4	5.9	7.3	8.2
SK		18.8	16.3	9.5	12.0	14.4	13.5
FI	15.4	9.8	8.4	6.4	8.2	8.4	7.8
SE	8.8	5.6	7.7	6.2	8.3	8.4	7.5
UK	8.5	5.4	4.8	5.6	7.6	7.8	8.0

* Annual Average, Total
** Portugal Data Estimated for 2000-10
Source: Eurostat, June 2012
Series: une_rt_a
Total

GDP* at Current Market Prices

Mrd EUR**	1995	2000	2005	2008	2009	2010	2011
EU-27	7026.0	9201.4	11060.3	12467.1	11742.5	12260.5	12629.5
BE	217.6	252.5	303.4	346.4	340.8	354.7	368.3
BG	10.0	14.0	23.3	35.4	34.9	36.1	38.5
CZ	44.2	63.8	104.6	154.3	141.5	149.3	154.9
DK	139.1	173.6	207.4	235.1	224.0	235.6	239.8
DE	1929.5	2047.5	2224.4	2473.8	2374.5	2476.8	2570.8
EE	2.9	6.2	11.2	16.3	13.8	14.3	16.0
IE	51.9	105.9	163.5	180.0	160.6	156.0	156.4
EL	99.8	136.7	193.0	232.9	231.6	227.3	215.1
ES	456.2	629.9	909.3	1087.7	1047.8	1051.3	1073.4
FR	1202.5	1439.6	1718.0	1933.2	1885.8	1937.3	1996.6
IT	865.5	1198.3	1436.4	1575.1	1519.7	1553.2	1580.2
CY	7.0	9.9	13.6	17.2	16.9	17.3	17.8
LV	3.8	8.4	12.9	22.9	18.5	18.0	20.1
LT	5.2	12.4	21.0	32.5	26.6	27.5	30.7
LU	15.8	22.0	30.3	39.4	37.4	40.3	42.8
HU	34.8	50.3	88.8	105.5	91.4	97.1	100.8
MT	2.8	4.3	4.8	5.8	5.8	6.1	6.4
NL	320.5	418.0	513.4	594.5	571.1	588.4	602.1
AT	182.5	208.5	245.2	282.7	274.8	286.2	301.3
PL	106.4	185.7	244.4	363.2	310.7	354.6	370.0
PT	89.8	127.3	154.3	172.0	168.5	172.7	171.0
RO	28.7	40.7	79.8	139.8	118.2	124.1	136.5
SI	16.0	21.5	28.7	37.3	35.3	35.4	35.6
SK	15.0	22.0	38.5	64.4	62.8	65.7	69.1
FI	100.1	132.2	157.4	185.7	172.5	179.7	191.6
SE	193.9	268.3	298.4	333.3	292.5	349.2	386.8
UK	884.7	1601.8	1834.3	1800.7	1564.5	1706.3	1737.1

* Gross Domestic Product
** Units in Milliard – Long Scale, Billion – Short Scale = 1 000 Million Euro
Source: DG ECFIN, AMECO, June 2012
Series: 100990UVGD

GDP per Capita at Current Market Prices

Thousand EUR/cap	1995	2000	2005	2008	2009	2010	2011
EU-27	14.68	19.05	22.48	25.00	23.47	24.44	25.11
BE	21.46	24.65	28.97	32.35	31.58	32.59	33.55
BG	1.19	1.72	3.01	4.65	4.61	4.79	5.16
CZ	4.28	6.21	10.22	14.79	13.48	14.20	14.69
DK	26.60	32.52	38.27	42.81	40.56	42.48	43.06
DE	23.63	24.91	26.97	30.12	29.00	30.29	31.44
EE	2.00	4.49	8.30	12.16	10.32	10.67	11.92
IE	14.40	27.83	39.29	40.51	35.94	34.85	34.87
EL	9.38	12.52	17.39	20.73	20.53	20.10	19.02
ES	11.58	15.64	20.95	23.86	22.81	22.82	23.27
FR	20.25	23.71	27.29	30.14	29.25	29.88	30.63
IT	15.23	21.04	24.51	26.33	25.25	25.68	26.01
CY	10.77	14.34	17.94	21.63	21.06	21.56	22.02
LV	1.53	3.55	5.62	10.10	8.21	8.03	9.03
LT	1.43	3.56	6.14	9.67	7.97	8.38	9.53
LU	38.69	50.43	65.15	80.80	75.19	79.52	82.65
HU	3.37	4.93	8.80	10.51	9.12	9.71	10.10
MT	7.29	11.00	11.92	14.14	14.04	14.72	15.27
NL	20.73	26.25	31.47	36.16	34.56	35.42	36.07
AT	22.96	26.02	29.82	33.92	32.86	34.12	35.79
PL	2.78	4.85	6.40	9.53	8.14	9.29	9.69
PT	8.95	12.45	14.62	16.19	15.85	16.23	16.06
RO	1.27	1.81	3.69	6.50	5.51	5.79	6.39
SI	8.06	10.82	14.36	18.44	17.30	17.29	17.36
SK	2.79	4.08	7.14	11.92	11.59	12.11	12.69
FI	19.59	25.54	30.01	34.94	32.31	33.51	35.56
SE	21.97	30.24	33.04	36.14	31.45	37.24	40.96
UK	15.25	27.20	30.45	29.33	25.32	27.41	27.69

Source: DG ECFIN, AMECO, June 2012
Series: 10990HVGDP

GDP* at 2005 Market Prices

Mrd EUR**	1995	2000	2005	2008	2009	2010	2011
EU-27	8 714.2	10 069.4	11 060.3	11 827.7	11 308.4	11 546.8	11 722.8
BE	243.5	280.3	303.4	323.9	314.8	321.9	328.0
BG	18.1	17.8	23.3	28.0	26.5	26.6	27.0
CZ	78.2	85.6	104.6	122.1	116.3	119.5	121.5
DK	169.2	194.8	207.4	216.1	203.5	206.1	208.2
DE	1969.0	2 159.2	2 224.4	2 407.9	2 284.5	2 368.8	2 439.7
EE	5.7	7.9	11.2	12.7	10.9	11.2	12.0
IE	80.4	128.5	163.5	175.7	163.4	162.7	163.8
EL	133.7	158.4	193.0	209.5	202.7	195.6	182.1
ES	633.3	774.5	909.3	988.0	951.0	950.4	957.1
FR	1 387.6	1 586.6	1 718.0	1 799.2	1 742.6	1 771.6	1 801.6
IT	1 244.5	1 367.8	1 436.4	1 475.4	1 394.3	1 419.5	1 425.6
CY	9.6	11.6	13.6	15.4	15.1	15.3	15.4
LV	6.8	8.7	12.9	15.2	12.5	12.5	13.2
LT	11.6	14.4	21.0	25.5	21.8	22.1	23.4
LU	18.9	25.4	30.3	34.2	32.3	33.2	33.7
HU	62.6	72.4	88.8	93.2	86.8	87.9	89.4
MT	3.7	4.6	4.8	5.4	5.2	5.3	5.5
NL	394.3	480.8	513.4	561.6	541.7	550.9	557.4
AT	193.2	225.7	245.2	267.3	257.2	263.1	271.3
PL	161.3	210.0	244.4	291.5	296.2	307.7	321.0
PT	120.3	148.0	154.3	160.2	155.5	157.7	155.2
RO	62.2	60.4	79.8	98.3	91.8	90.3	92.5
SI	19.4	24.1	28.7	33.7	31.0	31.4	31.3
SK	25.6	30.3	38.5	48.7	46.3	48.3	49.9
FI	109.4	138.3	157.4	173.7	159.1	165.1	169.8
SE	219.8	261.3	298.4	319.5	303.5	322.1	334.7
UK	1 332.2	1 592.0	1 834.3	1 925.9	1 841.7	1 880.2	1 892.5

* Weighted in Common Currency; Euro Area
** Units in Milliard – Long Scale, Billion – Short Scale = 1 000 Million Euro

GDP per Capita at 2005 Market Prices

Thousand €'2005/ cap	1995	2000	2005	2008	2009	2010	2011
EU-27	18.21	20.85	22.48	23.72	22.60	23.01	23.31
BE	24.02	27.36	28.97	30.25	29.18	29.58	29.88
BG	2.15	2.18	3.01	3.67	3.49	3.53	3.62
CZ	7.57	8.34	10.22	11.70	11.09	11.36	11.52
DK	32.36	36.50	38.27	39.35	36.85	37.17	37.38
DE	24.11	26.27	26.97	29.32	27.90	28.97	29.83
EE	3.95	5.77	8.30	9.51	8.15	8.34	8.98
IE	22.33	33.77	39.29	39.54	36.57	36.35	36.52
EL	12.57	14.51	17.39	18.65	17.97	17.30	16.10
ES	16.08	19.23	20.95	21.67	20.71	20.63	20.75
FR	23.37	26.13	27.29	28.05	27.03	27.33	27.64
IT	21.89	24.02	24.51	24.66	23.16	23.47	23.47
CY	14.81	16.72	17.94	19.44	18.91	19.04	19.07
LV	2.72	3.67	5.62	6.72	5.56	5.58	5.93
LT	3.18	4.12	6.14	7.61	6.51	6.71	7.25
LU	46.13	58.18	65.15	69.97	65.04	65.58	65.10
HU	6.06	7.09	8.80	9.28	8.66	8.79	8.96
MT	9.75	11.80	11.92	13.04	12.64	12.86	13.04
NL	25.51	30.20	31.47	34.16	32.78	33.16	33.39
AT	24.31	28.17	29.82	32.07	30.75	31.37	32.22
PL	4.22	5.49	6.40	7.65	7.76	8.06	8.41
PT	11.99	14.48	14.62	15.08	14.63	14.83	14.57
RO	2.74	2.69	3.69	4.57	4.28	4.21	4.33
SI	9.78	12.09	14.36	16.65	15.17	15.33	15.27
SK	4.78	5.61	7.14	9.01	8.55	8.89	9.17
FI	21.41	26.71	30.01	32.68	29.81	30.78	31.52
SE	24.90	29.45	33.04	34.65	32.63	34.35	35.45
UK	22.96	27.04	30.45	31.37	29.80	30.20	30.17

Source: DG ECFIN, AMECO, June 2012
Series: 10990RVGDP

Population on 1 January

Thousand inhab	1995	2000	2005	2008	2009	2010*	2011**
EU-27	477 010	482 768	491 135	497 686	499 687	501 104	502 540
BE	10 131	10 239	10 446	10 667	10 753	10 840	10 951
BG	8 427	8 191	7 761	7 640	7 607	7 564	7 505
CZ	10 333	10 278	10 221	10 381	10 468	10 507	10 533
DK	5 216	5 330	5 411	5 476	5 511	5 535	5 561
DE	81 539	82 163	82 501	82 218	82 002	81 802	81 752
EE	1 448	1 372	1 348	1 341	1 340	1 340	1 340
IE	3 598	3 778	4 112	4 401	4 450	4 468	4 481
EL	10 595	10 904	11 083	11 214	11 260	11 305	11 310
ES	39 343	40 050	43 038	45 283	45 828	45 989	46 153
FR***	57 753	58 858	60 963	62 135	62 466	62 791	63 128
IT	56 844	56 924	58 462	59 619	60 045	60 340	60 626
CY	645	690	749	789	797	803	804
LV	2 501	2 382	2 306	2 271	2 261	2 248	2 230
LT	3 643	3 512	3 425	3 366	3 350	3 329	3 245
LU	406	434	461	484	494	502	512
HU	10 337	10 222	10 098	10045	10 031	10 014	9 986
MT	369	380	403	410	414	414	418
NL	15 424	15 864	16 306	16405	16 486	16 575	16 656
AT	7 943	8 002	8 201	8319	8 355	8 375	8 404
PL	38 581	38 654	38 174	38116	38 136	38 167	38 200
PT	10 018	10 195	10 529	10618	10 627	10 638	10 637
RO	22 712	22 455	21 659	21529	21 499	21 462	21 414
SI	1 989	1 988	1 998	2010	2 032	2 047	2 050
SK	5 356	5 399	5 385	5401	5 412	5 425	5 435
FI	5 099	5 171	5 237	5300	5 326	5 351	5 375
SE	8 816	8 861	9 011	9183	9 256	9 341	9 416
UK	57 943	58 785	60 039	61192	61 595	62 027	62 499

* Preliminary Data for FR and Consequently for EU-27
** Preliminary Data for BE, FR, CY, RO, UK and Consequently for EU-27
*** Metropolitan France only
Source: Eurostat, June 2012
Series: demo_pjan

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	Eurostat – SIRENE 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
IT	Italy	Italia	11	IT	0005	07
CY	Cyprus	Kýpros*	12	CY	0600	21
LV	Latvia	Latvija	13	LV	0055	24
LT	Lithuania	Lietuva	14	LT	0054	25
LU	Luxembourg	Luxembourg	15	LU	0022	13
HU	Hungary	Magyarország	16	HU	0064	23
MT	Malta	Malta	17	MT	0085	27
NL	Netherlands	Nederland	18	NL	0003	08
AT	Austria	Österreich	19	AT	0038	16
PL	Poland	Polska	20	PL	0060	87
PT	Portugal	Portugal	21	PT	0040	14
RO	Romania	România	22	RO	0066	83
SI	Slovenia	Slovenija	23	SI	0091	86
SK	Slovakia	Slovensko	24	SK	0063	26
FI	Finland	Suomi / Finland	25	FI	0032	18
SE	Sweden	Sverige	26	SE	0030	17
UK	United Kingdom	United Kingdom	27	GB	0006	05

* Latin Transliteration
EU Interinstitutional Style Guide: 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

Symbols and Abbreviations

%	per cent
€	euro
0	zero or figure less than half of the unit represented
bbl	barrel
bcm	billion cubic meters
Blank	data not available
CHP	combined heat & power
CO_2	carbon dioxide
DG	Directorate-General of the European Commission
EEA	European Environment Agency
equiv.	equivalent
Eurostat	Eurostat, Statistical Office of the European Union
GCV	gross calorific value
GDP	gross domestic product
GHG	greenhouse gas
GJ	gigajoule
IEA	International Energy Agency
kgoe	kilogram of oil equivalent
ktoe	kiloton of oil equivalent
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 meter
mio	million
MS	European Union Member State
MSW	municipal solid waste
Mtoe	million ton of oil equivalent
MW	megawatt
MWh	megawatt hour
NCV	net calorific value
NGL	natural gas liquid
p/cap	per capita
PJ	petajoule
PV	photovoltaic
RES	renewable energy
RES-E	renewable energy – electricity generation
RES-H&C	renewable energy – heating and cooling
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

Glossary

In parenthesis: Eurostat COMEXT/SIRENE/EUROBASE, Energy database codes for products (p:) and indicators (B_), as of June 2012.

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, 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.

Biofuels

Liquid or gaseous fuels used primarily for transport and produced from biomass, and wastes (p:5545). Biofuels comprise biogasoline (p:5546), biodiesel (p:5547) 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 not included here.

Conventional Thermal Power

Technology for the production of electricity by fuel combustion. May or may not include biomass use, which is also considered a renewable source of electricity.

Combined Heat and Power (CHP)

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.

Energy Available for Final Consumption

Energy available for final consumption, code 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. Includes final non-energy consumption.

Energy 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 (gross inland consumption level).

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 (codes B_101000…) and to the energy industries themselves (codes B_101300…). It is the sum of final energy consumption by industry (B_101800), transport (B_101900), households (B_102010), services (B_102035), agriculture/forestry (B_102030), fishing (B_102020) and other unspecified categories (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

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, Gas Fuels

Gases cover 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).

GHG

A gas that contributes to the natural greenhouse effect. The Kyoto Protocol covers a basket of six greenhouse gases (GHGs) produced by human activities: carbon dioxide, methane, nitrous oxide, 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 Domestic Product (GDP)

The gross domestic product is the value of the output of all goods and services produced within the borders of a country.
GDP values used (in millions of euro) are referenced to the year 2005. GDP volumes are chainlinked at 2005 exchange rates.

Gross Electricity Generation

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

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: primary production (B_100100) + recovered products (B_100200) + imports (B_100300) + stock changes (B_100400) - exports (B_100500) - international marine bunkers (B_100800).

Installed Capacity

The net installed capacity total covers the net installed electrical capacity of thermal, nuclear, hydro, geothermal, wind and any other types of power plants. The net capacity is the maximum power assumed to be solely active power that can be supplied, continuously, with all plant running, at the outlet point of the network.

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).

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 hydrocarbons (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

Any kind of extraction of energy products from natural sources to a usable form is called primary production (B_100100). 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.

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 gases
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 wastes (MSW), wood, wood wastes and other solid wastes, production is the heat produced after combustion and corresponds to the heat content (NCV) of the fuel. In the case of anaerobic digestion of wet wastes, production is the heat content (NCV) of the biogases produced. The production includes all quantities of gas consumed in the installation for the fermentation processes, and excludes all quantities of flared gases. In the case of biofuels, the production is the heat content (NCV) of the fuel.

Pumping, Pumped Storage

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

Renewable Energy Sources (RES)

Renewable energy includes hydroelectricity, biomass, wind, solar, tidal and geothermal energy.

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) are the sum of the codes hard coal & derivatives (p:2100) and lignite and derivatives (p:2200).

Tonne of Oil Equivalent (toe)

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.

Main Indicators – EN

Eurostat Sirene 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

Eurostat Sirene 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

Eurostat Sirene 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	Échanges, transferts, restitutions
B_101300	Consommation de la branche énergie
B_101400	Pertes sur les réseaux
B_101500	Disponible pour la consommation finale
B_101700	Consommation finale énergétique
B_101800	Consommation finale énergétique – industrie
B_101805	Consommation finale énergétique – sidérurgie
B_101810	Consommation finale énergétique – métaux non ferreux
B_101815	Consommation finale énergétique – chimie
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	Écart 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

Eurostat Sirene Energy database Indicator 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 products
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 gases
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

Eurostat Sirene Energy database Indicator 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	Erneuerbare Hausmüll
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

Eurostat Sirene Energy database Indicator 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	Énergie nucléaire
5200	Chaleur dérivée
5500	Énergies renouvelables
5510	Hydroélectricité
5520	Énergie éolienne
5530	Énergie solaire
5535	Énergie hydrocinétique/houlomotrice/marémotrice
5540	Biomasse/déchets
5541	Bois / déchets de bois
5542	Biogaz
55431	Déchets urbains solides renouvelables
5545	Biocarburants
5546	Bioessence
5547	Biodiesel
5550	Énergie géothermique
6000	Énergie électrique
7100	Déchets industriels

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

Notes to Tables and Graphs

Appendix 6.1

1.1.1, 1.1.2 pages 10, 11

Energy production corresponds to total primary energy production (IEA methodology).

Asia aggregation does not include China data.

1.1.2 page 11

Coal (= solid fuels) includes hard coal, lignite and peat, as well as derived fuels.

Oil (= petroleum and petroleum products) comprises crude oil, NGL, feedstocks, additives as well as other hydrocarbons.

RES (renewables) is equal to the sum of hydro, geothermal, solar PV, solar thermal, tide, wind, industrial waste, municipal waste, primary solid biofuels, biogases, bio gasoline, biodiesel, other liquid biofuels, non-specified biofuels and waste and charcoal energy.

1.1.3, 1.1.4 pages 12, 13

Gross inland consumption, Eurostat methodology, corresponds to total primary energy supply, IEA methodology (TPES), which is made up of production + imports - exports - international marine bunkers - international aviation bunkers ± stock changes.

Asia aggregation does not include China data.

1.1.5 page 14

See oil, coal and RES classification point 1.1.2.

1.2.1 page 15

See glossary, Appendix 3.

1.2.2 pages 16, 17

Production comprises primary production and recovered products from other sources.

1.2.3 pages 18, 19

See point 2.1.3, and import dependency in glossary, Appendix 3.

1.2.4 page 20

See energy dependency in glossary, Appendix 3

1.2.5 page 22

Natural gas and crude oil only (codes 4100 and 3105).

Appendix 6.2
Products definition used in Chapter 2 and 4

Solid fuels cover solid fossil fuels such as hard coal, coal patent fuels, coke, coal tar, lignite, brown-coal briquettes and peat briquettes and peat.

Petroleum and (petroleum) sub-products include crude oil, natural gas liquids, feedstocks and all petroleum sub-products such as LPG, refinery gas, motor gasoline, aviation gasoline, kerosene and jet fuels, naphtha, gas/diesel oil, residual fuel oil, white spirit, lubricants, bitumen, petroleum coke and other petroleum products.

Gases include natural gas and derived gases.

Renewable energy includes hydroelectricity, renewable biomass, wind, solar, tidal and geothermal energy.

Waste non-renewable includes municipal non-renewable waste and industrial waste.

For full indicator definitions see glossary, Appendix 3.

2.1.1 pages 33-35

Production comprises primary production and recovered products from other sources.

2.1.2 pages 36-38

Net imports correspond to the total imports minus the total exports.

2.1.3 pages 39-42

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

2.2.1 pages 43-47

Solid fuels, code 2000, cover solid fossil fuels such as hard coal, coal patent fuels, coke, coal tar, lignite, brown-coal briquettes and peat briquettes, and peat.

Hard coal, code 2111, comprises coking coal and steam coal.

2.2.2 pages 48-52

Total petroleum and petroleum sub-products, code 3000.

Crude and NGL corresponds to code 3110.

2.2.3 pages 53-56

Gas/Gases code 4000, includes natural gas and derived gases.

Natural gas corresponds to code 4100.

2.2.5 pages 61-63

For products see points 2.2.1 to 2.2.3.

2.3 pages 64-69

Import dependency, see glossary, Appendix 3.

2.4.1 page 70

Energy available for final consumption covers the energy placed at the disposal of final users. Includes final non-energy consumption.

2.4.2 pages 71-74

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

2.4.3 pages 75

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

2.4.4 page 76

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

2.5.1 pages 77-81

Installed capacity represents the maximum active power that can be supplied, continuously, with all systems running.

Net maximum capacity is the maximum (peak) level a system can reach in terms of energy production.

2.5.2 pages 82-86

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 91-94

CHP – combined heat and power, see glossary, Appendix 3.

2.8.1 pages 95-97

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

The table includes: the total final energy consumption of petroleum products and two of its main products, motor gasoline code 3234 and gas diesel code 3260; and the total final energy consumption of biofuels 5545 and its two main products, biogasoline code 5546 and biodiesel code 5547.

2.9.1 page 98

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

2.9.1 page 99

Gross inland consumption of energy per capita.

2.9.1 page 101

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

2.11.1 – 2.11.3 pages 106-111

Methodology for the calculation of EU-wide average fuel prices.
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, such as those most frequently encountered for the specific categories of sales, are supplied to the Energy DG by the Member States. 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 for household consumers is done through a voluntary agreement with the Member States. The collection of prices includes national average prices of the last 6 months reported by different consumer bands.
Consumption bands have been selected as the most representative for the exercise. For the full methodology, including band definition, please see energy statistics metadata at:
http://epp.eurostat.ec.europa.eu/cache/ITY_SDDS/en/nrg_price_esms.htm
Full data available at:
http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database
2012 prices are a running average of the first 4 months of 2012.
EU-27 average is incomplete in 2005 where it includes only 25 MS.
All taxes are included in the current prices.

2.11.4 page 112

Indirect taxes include excise duties and other indirect taxes. VAT data source: DG TAXUD, excise duties. The data source for the petroleum products taxes is the DG ENER Oil bulletin.

Appendix 6.3

3.1.1 pages 118-122

GHG, greenhouse gas, a gas that contributes 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.

Values are measured in millions of tons of CO_2 equivalent.

3.1.2 pages 123-127

Structure of emissions similar to the GHG emissions.

Values in millions of tons of CO_2.

3.2.2 page 128

Carbon intensity is the average emission rate of CO_2 relative to the intensity of the energy economic activity, measured by the gross inland consumption of energy in tons of oil equivalent.

3.2.3 page 129

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 4

For products definition, see Appendix 6.2.

For indicators definition, see glossary, Appendix 3.

For units, see Appendices 7-9.

SI Units, Prefixes

Standard prefixes for the SI units of measure

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

Conversion Factors

Energy

To:	TJ	Gcal	Mtoe	GWh
	multiply by			
Terajoule (TJ)	1	238.8	2.388×10^{-5}	0.2778
Gigacalorie (Gcal)	4.1868×10^{-3}	1	1×10^{-7}	1.163×10^{-3}
Million ton of oil equivalent (Mtoe)	4.1868×10^{4}	1×10^{7}	1	11 630
Gigawatt-hour GWh	3.6	860	8.6×10^{-5}	1

Volume

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

Mass

To:	t	lt	st
	multiply by		
Ton, Tonne (t)	1	0.9842	1.1023
Long ton (lt) UK	1.0160	1	1.1200
Short ton (st) US	0.9072	0.8929	1

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 Fuels	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

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