



Statistics 2007

euro  gas

Eurogas Members and EU27: Natural Gas Trends 2007

Part B

Statistical Data



The statistical data presented in this section has been collected with the assistance of the national gas associations and member companies of Eurogas. Additionally, for a full picture of the enlarged Union (EU27), data was kindly provided by natural gas companies from, Latvia, Estonia and Lithuania (Latvijas Gaze, Eesti Gas, AB Lietuvos Dujos). Malta and Cyprus are not included as they are not supplied with natural gas.

As a consequence of the increasing number of players in the liberalised European natural

gas market, it should be stressed that it now becomes increasingly difficult to collect energy data. The data shown in this report is based on available national or European official statistics, gas industries information, completed with best estimates, which Eurogas has combined to give the best comprehensive survey at the time of publishing this annual report. Members of the Eurogas Statistics and Forecasting Committee made a substantial contribution to the statistics presented.

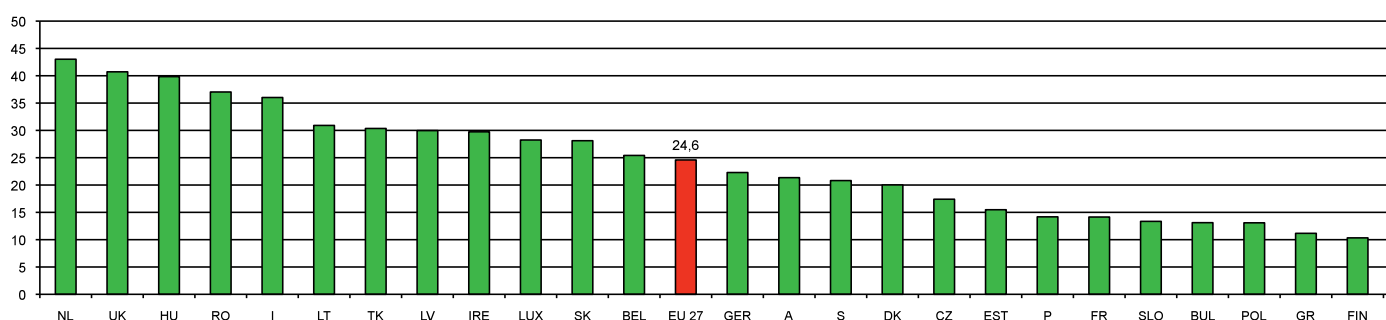
1. Primary Energy Consumption

2007 Primary Energy Consumption (PEC) in EUROGAS countries & EU27

MTOE	Oil	Solid Fossil Fuels	Natural Gas	Nuclear Electricity	Hydro Electricity	Electricity Net Import	Renewables	Others	Total
AUSTRIA	13,64	4,09	7,14	0,00	3,08	0,57	4,92	0,00	33,44
BELGIUM	23,07	4,61	14,88	12,57	0,00	0,00	2,73	0,68	58,54
BULGARIA	5,40	8,10	2,68	3,30	0,80	0,00	0,00	0,13	20,40
CZECH REPUBLIC	9,95	22,29	7,81	6,82	0,22	-1,39	0,25	-1,05	44,90
DENMARK	8,17	4,73	4,08	0,00	0,00	-0,08	3,29	0,21	20,40
ESTONIA	0,68	3,35	0,87	0,00	0,00	0,00	0,50	0,22	5,62
FINLAND	8,62	7,10	3,65	5,86	1,22	1,08	7,17	0,68	35,37
FRANCE	90,09	12,64	38,29	114,60	5,52	-4,88	14,41	0,00	270,67
GERMANY	112,30	86,00	74,50	36,60	2,40	-1,60	22,20	1,90	334,30
GREECE	16,95	8,34	3,44	0,00	0,25	0,48	1,56	0,00	30,81
HUNGARY	7,39	3,20	10,70	3,82	0,02	0,34	1,34	0,05	26,86
IRELAND	8,32	2,32	4,74	0,00	0,06	0,11	0,39	0,00	15,94
ITALY	82,70	17,38	70,04	0,00	3,30	10,11	10,92	0,00	194,45
LATVIA	1,75	0,10	1,51	0,00	0,24	0,26	1,18	0,00	5,04
LITHUANIA	2,73	0,27	2,89	2,70	0,00	0,00	0,76	0,00	9,35
LUXEMBOURG*	2,89	0,08	1,34	0,00	0,01	0,34	0,03	0,04	4,73
NETHERLANDS	30,80	8,20	33,30	1,20	0,00	1,40	0,80	1,70	77,40
POLAND	18,76	55,64	11,89	0,00	0,14	0,00	3,05	1,38	90,86
PORTUGAL	13,73	2,85	3,60	0,00	0,87	0,64	3,70	0,00	25,39
ROMANIA	10,80	9,00	14,70	1,60	3,60	0,00	0,00	0,00	39,70
SLOVAKIA	3,57	4,33	5,08	4,04	0,38	0,08	0,59	0,00	18,07
SLOVENIA	2,58	1,55	1,00	1,45	0,35	0,06	0,50	0,00	7,49
SPAIN	71,33	20,17	30,60	14,36	2,34	-0,50	8,71	0,00	147,02
SWEDEN	17,10	2,40	0,90	16,40	5,70	0,10	10,40	0,50	53,50
UNITED KINGDOM	75,50	42,70	91,90	14,20	0,70	0,40	0,30	0,00	225,70
EU 27	638,82	331,44	441,53	239,52	31,20	7,53	99,69	6,43	1795,94
SWITZERLAND	12,33	0,18	2,64	6,86	3,13	-0,18	1,02	1,28	27,25
TURKEY	30,76	29,59	30,42	0,00	3,08	-0,15	6,52	0,00	100,22

Notes: Nuclear and hydro electricity are domestically produced.
Renewables include biomass, wind solar and geothermal energy.

2007 Share of Natural Gas in Primary Energy Consumption (%)

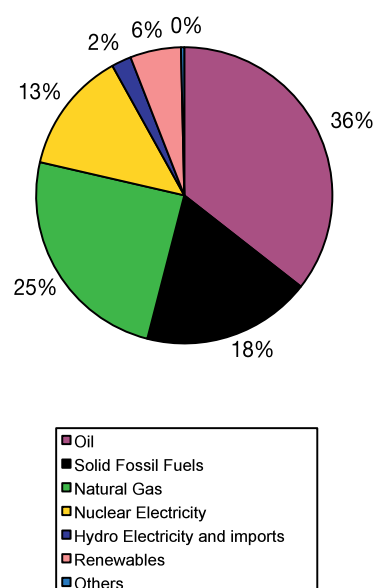


2007 Primary Energy Consumption (PEC) per capita and per GDP unit

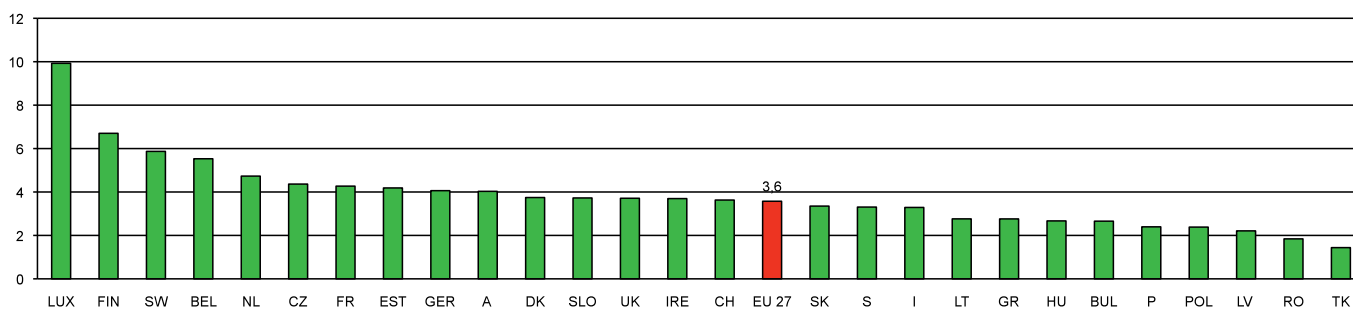
TOE	PEC/ Capita	PEC/ GDP
Austria	4,03	0,14
Belgium	5,53	0,20
Bulgaria	2,66	1,02
Czech Republic	4,36	0,54
Denmark	3,75	0,10
Estonia	4,19	0,54
Finland	6,70	0,22
France	4,27	0,17
Germany	4,06	0,15
Greece	2,76	0,17
Hungary	2,67	0,40
Ireland	3,70	0,10
Italy	3,29	0,15
Latvia	2,21	0,32
Lithuania	2,76	0,44
Luxembourg*	9,93	0,16
Netherlands	4,73	0,16
Poland	2,38	0,37
Portugal	2,40	0,19
Romania	1,84	0,65
Slovakia	3,35	0,54
Slovenia	3,73	0,26
Spain (p)	3,31	0,18
Sweden	5,87	0,17
United Kingdom	3,71	0,12
EU 27 TOTAL	3,57	0,17
Switzerland	3,63	0,09
Turkey	1,44	0,25

Note: Eurostat figures

2007 Primary Energy Consumption by fuel (EU27)



2007 Primary Energy Consumption per capita (TOE)



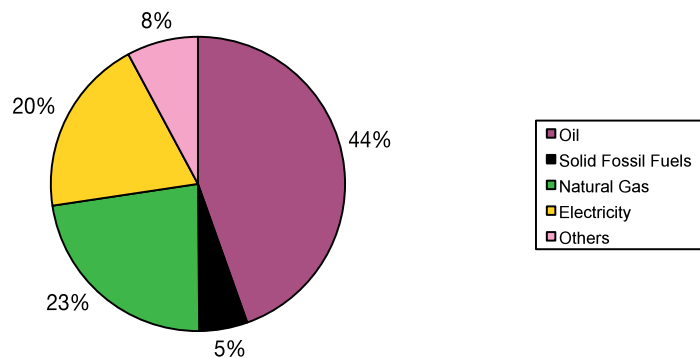
2. Final Energy Consumption

2006 Final Energy Consumption (FEC) in EUROGAS Countries & EU27

MTOE	Oil	Solid Fossil Fuels	Natural Gas	Electricity	Others	Total
AUSTRIA	11,68	0,63	4,35	4,96	4,49	26,11
BELGIUM	21,60	1,04	10,79	7,10	3,02	43,55
BULGARIA	4,42	0,77	1,71	2,31	1,73	10,95
CZECH REPUBLIC	7,27	4,11	6,73	4,78	4,17	27,06
DENMARK	7,45	0,27	1,69	2,93	3,56	15,90
ESTONIA	0,80	0,05	0,13	0,50	1,15	2,63
FINLAND	9,10	1,25	1,34	7,02	8,44	27,14
FRANCE	84,73	6,91	32,62	36,79	14,16	175,21
GERMANY	87,70	21,90	53,20	45,00	10,60	218,40
GREECE	14,69	0,40	0,69	4,52	1,10	21,40
HUNGARY	6,86	0,90	7,88	2,87	2,07	20,58
IRELAND	8,79	0,66	1,53	2,23	0,19	13,40
ITALY	69,73	4,55	42,85	26,55	1,98	145,66
LATVIA	1,58	0,08	0,51	0,53	1,59	4,29
LITHUANIA	1,88	0,26	1,17	0,73	1,52	5,55
LUXEMBOURG*	2,92	0,11	0,76	0,56	0,08	4,43
NETHERLANDS	25,10	2,00	19,70	9,00	5,40	61,20
POLAND	18,50	9,75	10,04	11,30	9,81	59,40
PORTUGAL	12,01	0,03	1,34	4,11	2,95	20,44
ROMANIA	7,97	1,14	8,44	3,52	5,09	26,16
SLOVAKIA	3,05	1,18	4,00	2,03	1,17	11,43
SLOVENIA	2,48	1,56	1,10	0,32	1,90	7,36
SPAIN	61,01	2,27	16,90	21,51	0,00	101,68
SWEDEN	11,30	1,50	0,70	11,30	10,00	34,80
UNITED KINGDOM	71,10	2,60	52,80	30,10	1,30	157,90
EU 27	553,71	65,92	282,96	242,56	97,47	1242,63
SWITZERLAND	11,90	0,15	2,55	4,97	1,66	21,23
TURKEY	28,68	12,68	12,55	12,16	7,38	73,45

Notes: Electricity includes electricity produced by CHP-plants.
Heat produced by CHP-plants is included in "Others".
Others includes heat (e.g. district heating) and non-electricity generating renewables (e.g. biomass generated heat).

2006 Final Energy Consumption by fuel (EU27)

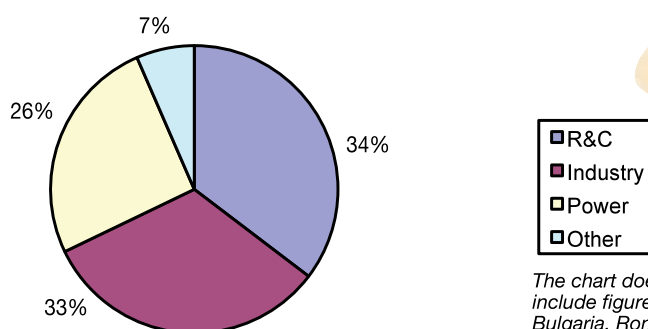


3. Inland deliveries

2007 Inland Sales of Natural Gas by sector in Eurogas Countries & EU27

PJ 2007	Residential	Commercial	Res & com total	Industry	Power plants	Others	Total Inland sales
AUSTRIA	59,52	24,64	84,16	120,68	112,72	0,00	317,56
BELGIUM	148,13	69,71	217,84	254,22	209,34	0,00	681,40
BULGARIA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	124,44
CZECH REPUBLIC	94,77	42,50	137,27	184,90	0,00	6,49	328,66
DENMARK	26,26	10,19	36,44	33,19	27,4	45,73	142,78
ESTONIA	2,01	1,69	3,70	18,30	3,19	14,60	39,79
FINLAND	1,72	1,72	3,45	89,50	33,80	46,70	173,45
FRANCE	661,92	291,36	953,28	653,03	17,82	165,82	1789,95
GERMANY	960,00	100,00	1060,00	1445,00	382,00	468,00	3355,00
GREECE	8,15	4,58	12,73	27,03	113,05	0,66	153,47
HUNGARY	147,70	68,20	215,90	75,00	173,40	33,70	498,00
IRELAND	27,90	15,30	43,20	20,93	129,77	4,17	198,07
ITALY	773	300,62	1073,62	765,90	1306,94	88,47	3234,92
LATVIA	5,00	7,00	12,00	13,50	36,50	0,00	62,00
LITHUANIA	6,90	4,20	11,10	69,00	52,40	1,30	133,80
LUXEMBOURG*	n.a.	n.a.	16,00	17,00	25,00	0,00	58,00
NETHERLANDS	302,00	313,00	615,00	619,00	317,00	0,00	1551,00
POLAND	143,80	52,90	196,70	295,80	39,60	7,50	539,60
PORTUGAL	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	166,51
ROMANIA	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	618,60
SLOVAKIA	50,93	17,88	68,81	111,44	1,52	31,43	213,19
SLOVENIA	10,40	2,50	12,90	28,60	0,90	0,00	42,40
SPAIN	154,30	48,20	202,50	754,60	511,60	0,00	1468,70
SWEDEN	1,23	6,92	8,14	20,40	14,10	0,00	42,64
UNITED KINGDOM	1263,00	396,00	1659,00	477,00	1361,00	307,00	3804,00
EU 27							19737,94
SWITZERLAND	43,72	23,14	66,87	41,33	5,34	8,01	121,54
TURKEY	n.a.	n.a.	310,36	379,08	690,84	0,00	1380,28

2007 Natural gas sales by sector



The chart does not include figures for Bulgaria, Romania & Portugal.

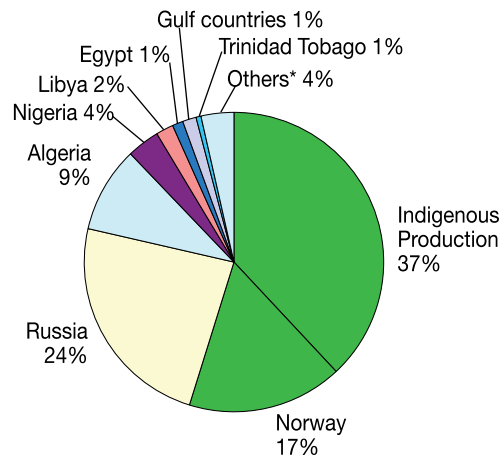
4. Natural Gas Supplies

Eurogas Member Countries and EU27

PJ - GCV	Indigenous Production	Total Net-Import EU	Total Net-Import non-EU	Changes in stock	Other balances	Total Net Supplies
AUSTRIA	74,0	-74,0	349,0	-12,00	-20,00	317,0
BELGIUM	0,0	300,8	390,9	-3,43	-6,77	681,4
BULGARIA	10,7	0,0	126,9	-12,25	-0,67	124,7
CZECH REPUBLIC	3,7	0,0	318,0	8,51	-1,77	328,4
DENMARK	346,1	-169,5	0,0	-6,55	-27,27	142,8
ESTONIA	0,0	0,0	39,0	0,00	0,00	39,0
FINLAND	0,0	0,0	173,4	-0,05	0,12	173,5
FRANCE	43,0	288,7	1438,0	20,29	0,00	1790,0
GERMANY	599,0	212,0	2527,0	102,00	-85,00	3355,0
GREECE	0,0	0,0	155,1	-2,17	0,54	153,5
HUNGARY	83,9	23,4	338,1	6,00	46,00	497,4
IRELAND	17,2	180,9	0,0	0,00	0,00	198,1
ITALY	370,1	303,6	2511,2	49,87	0,00	3234,9
LATVIA	0,0	0,0	62,0	0,00	0,00	62,0
LITHUANIA	0,0	0,0	133,8	0,00	0,00	133,8
LUXEMBOURG*	0,0	58,0	0,0	0,00	0,00	58,0
NETHERLANDS	2546,3	-1653,1	657,5	0,00	0,00	1551,0
POLAND	169,9	31,1	335,9	10,47	-6,12	541,2
PORTUGAL	0,0	0,0	165,9	1,79	-1,17	166,5
ROMANIA	439,7	0,0	178,9	-14,90	14,91	618,6
SLOVAKIA	2,7	-3,8	213,0	2,42	-1,21	213,2
SLOVENIA	0,0	-1,8	43,1	-0,60	0,50	42,4
SPAIN	2,9	-4,3	1472,5	13,10	-14,60	1469,6
SWEDEN	0,0	41,8	0,0	0,00	0,88	42,6
UNITED KINGDOM	3017,0	-181,0	954,0	20,00	-6,00	3804,0
EU 27	7726,3	-647,2	12583,2	182,50	-107,67	19737,2
SWITZERLAND	0,0	120,0	2,6	0,00	0,00	122,6
TURKEY	1,6	0,0	1444,4	-0,01	-65,72	1380,3

Changes in stocks: (-) Injection (+) Withdrawal

Breakdown of EU27 Supplies



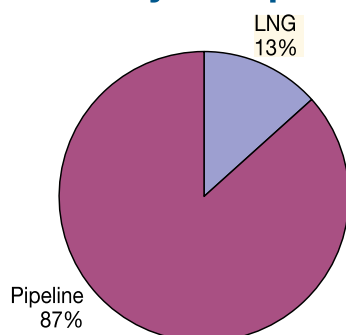
*Including supplies from sources which can not be identified.

5. LNG Imports

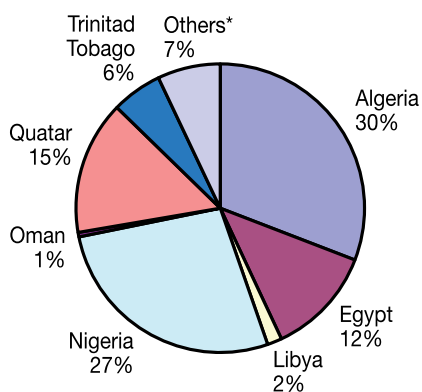
2007 LNG Supplies in EUROGAS Member Countries and EU27

PJ - GCV	LNG Imports
BELGIUM	106,03
FRANCE	521,42
GREECE	36,30
ITALY	90,68
PORTUGAL	109,42
SPAIN	1013,60
UNITED KINGDOM	59,00
EU 27	1936,45
TURKEY	230,68

2007 Net-import from non-EU countries by transport EU27



Breakdown of EU27 Supplies of LNG



6. Storage Facilities

Natural Gas Storages at 1 January 2008

	Number of storage facilities	Maximum working volume*	Maximum withdrawal capacity**
AUSTRIA	5	4100	48
BELGIUM	2	680	24
BULGARIA	1	1000	8
CZECH REPUBLIC	8	3376	55
DENMARK	2	881	22
ESTONIA	0	0	0
FINLAND	0	0	0
FRANCE	15	11700	200
GERMANY	46	19918	470
GREECE	1	75	5
HUNGARY	5	3720	51
IRELAND	1	198	3
ITALY	10	13400	152
LATVIA	1	2325	25
LITHUANIA	0	0	0
LUXEMBOURG*	0	0	0
NETHERLANDS	3	3000	140
POLAND	7	1660	34
PORTUGAL	1	90	7
ROMANIA	6	2850	40
SLOVAKIA	3	1300	22
SLOVENIA	0	0	0
SPAIN	2	1659	13
SWEDEN	1	10	1
UNITED KINGDOM	9	4364	127
EU 27	129	76306	1446
SWITZERLAND	1	72	2
TURKEY	0	0	0

*Million m³.

**Million m³/day.

*Including supplies from sources which can not be identified.

7. Natural Gas Industry in Figures

	Length of Transmission pipelines	Length of Distribution pipelines	Total length of pipelines	Number of gas customers	Number of employees
AUSTRIA	n.a.	n.a.	36000	1380000	2700
BELGIUM	3316	62518	65834	2809788	3800
BULGARIA	1800	2200	4000	31000	2900
CZECH REPUBLIC	3650	70787	74437	2845439	4955
DENMARK	1439	17000	18439	370000	1400
ESTONIA	879	1395	2274	55500	315
FINLAND	1140	1660	2800	35910	350
FRANCE	36620	193330	229950	11519000	26000
GERMANY	n.a.	n.a.	420000	19100000	35000
GREECE	1076	4239	5315	146348	996
HUNGARY	5278	81335	86613	3477000	4966
IRELAND	2311	10062	12373	601741	109
ITALY	32381	229542	261923	20699000	30000
LATVIA	1281	4549	5830	440800	1340
LITHUANIA	1800	7500	9300	542300	1810
LUXEMBOURG*	405	1960	2365	84000	210
NETHERLANDS	12000	135700	147700	6600000	8950
POLAND	15976	104747	120723	6487605	30325
PORTUGAL	1431	11021	12452	855000	766
ROMANIA	12258	33789	46047	2589308	26869
SLOVAKIA	2270	31537	33807	1466484	4583
SLOVENIA	1010	2600	3610	143200	445
SPAIN	9344	53795	63139	6782579	6127
SWEDEN	650	2150	2800	47000	200
UNITED KINGDOM	7400	132000	139400	22219000	51600
EU 27	155715	1195416	1807131	111328002	246716
SWITZERLAND	2220	14838	17058	472500	1620
TURKEY	7150	2648	9798	8000000	2757



8. Definitions and Conversion Factors

Internationally agreed statistical methods and definitions have been applied. Primary Energy Consumption is defined as the total gross energy supply (indigenous production plus net imports) before any conversion of the primary energy into final energy forms has taken place. Final Energy Consumption is the Primary Energy Consumption less net energy losses in the production of electricity and synthetic gas, refinery use and other energy sector uses and losses. Natural Gas sales and supplies have been stated in PJ because of different national gas qualities. With an assumed energy content of 1 m³ of natural gas of 39 MJ (Gross Calorific Value), 1 PJ corresponds to approx. 25.6 million m³ of natural gas.

Conversion factors

- 1 PJ (GCV)= 25.6 million m³ gas
- 1 m³ of natural gas= 39 mega joules (MJ - GCV)= 10.8 kWh
- 1 Mtoe= 1 million tones of oil equivalent= 41.86 PJ (NCV)
- 1000 m³ of natural gas= 0.9 ton oil equivante (toe - crude oil)
- 1 BCM= 1 billion cubic meters
- 1 cubic meter (m³)= 35.315 cubic feet (cf)
- 1 million m³ of LNG= 593 million m³ of gas

Net Caloric value (NCV)= 0.9 Gross calorific value (GCV)

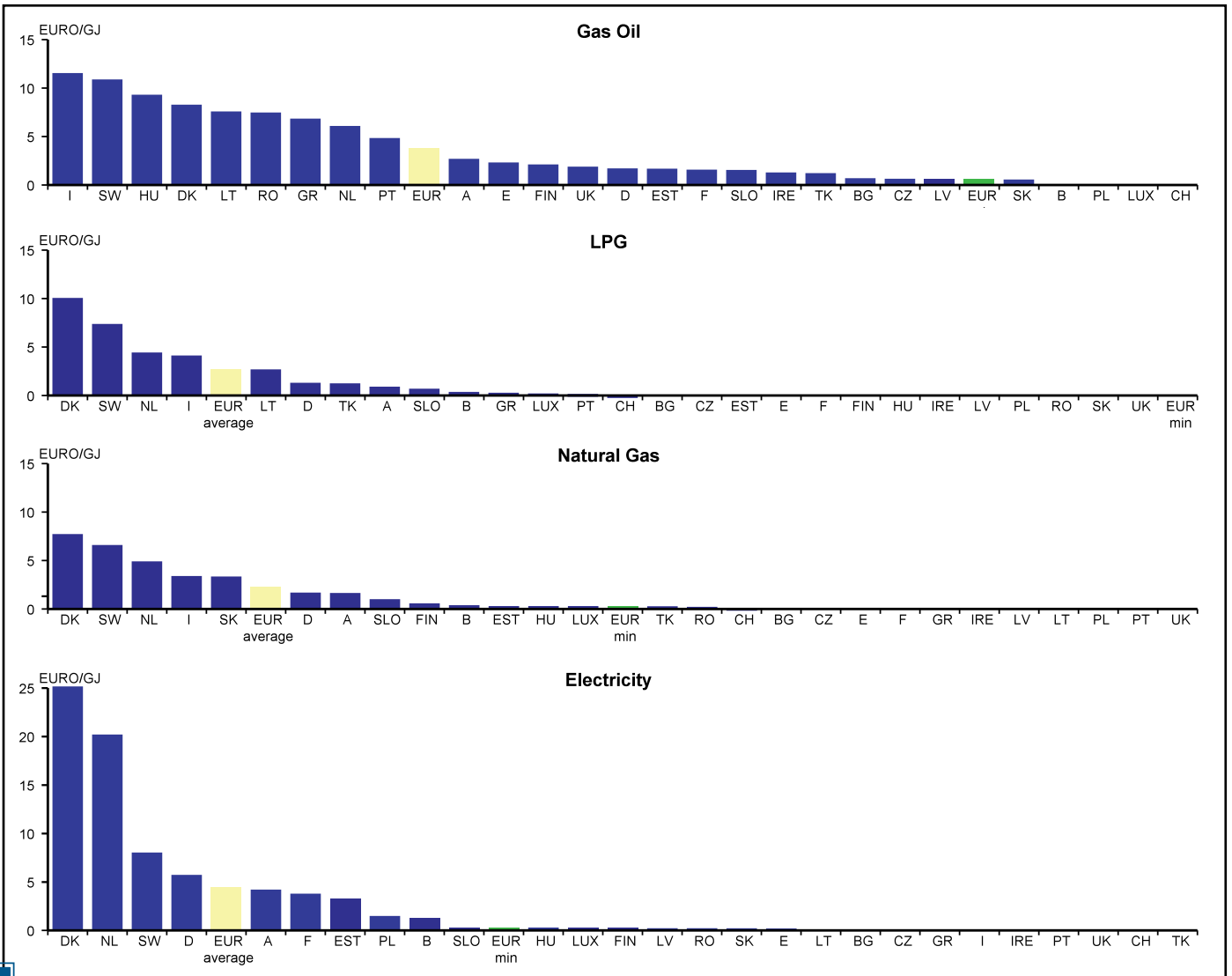
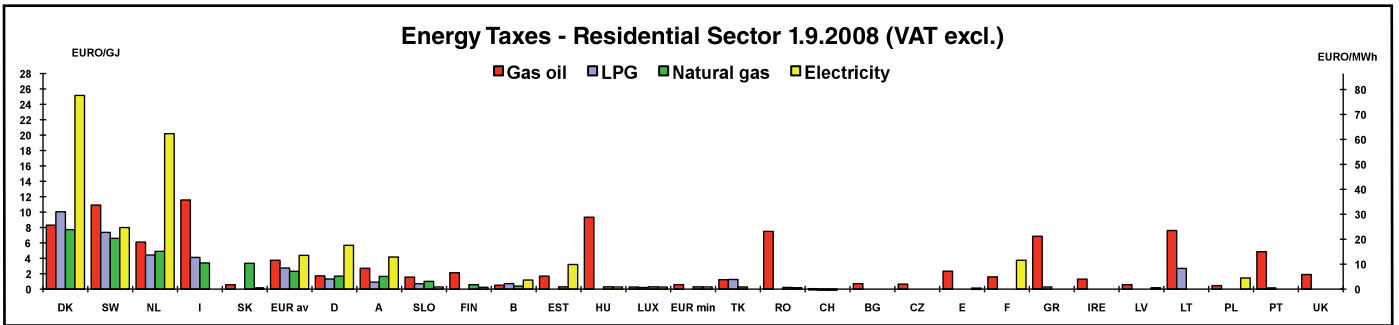
- 1 megajoule= 10⁶ joules (MJ)
- 1 gigajoule= 10⁹ joules (GJ)
- 1 terajoule= 10¹² joules (TJ)
- 1 petajoule= 10¹⁵ joules (PJ)

Heat units

	GJ	kWh	MBtu	th	therm
1 Gigajoule (GJ)	1	277.8	0.948	238.9	9.479
1 kilowatt-hour (kWh)	3.6 10 ⁻³	1	3.411 10 ⁻³	0.86	3.411 10 ⁻²
1 million British Thermal Units (MBtu)	1.055	293.2	1	252	10
1 thermie (th)	4.186 10 ⁻³	1.162	3.968 10 ⁻³	1	3.968 10 ⁻²
1 therm	0.1055	29.32	1 10 ⁻¹	25.2	1

Energy Taxes

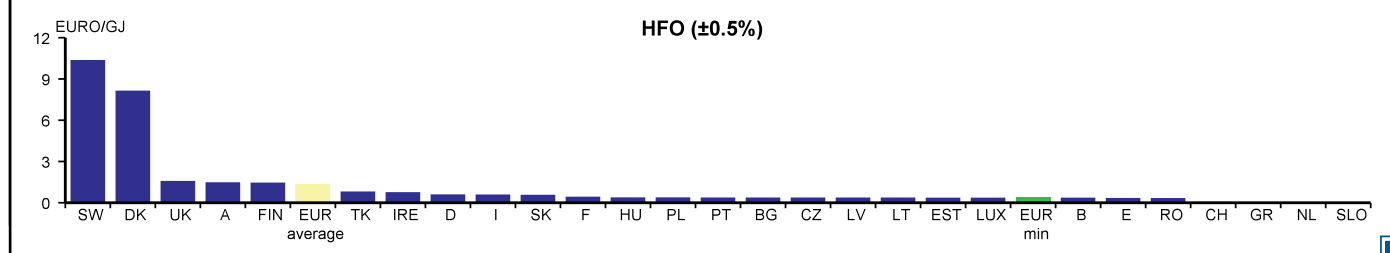
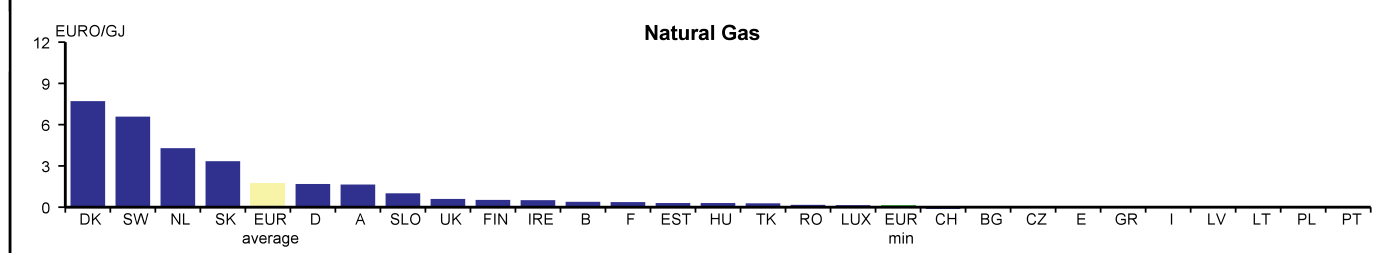
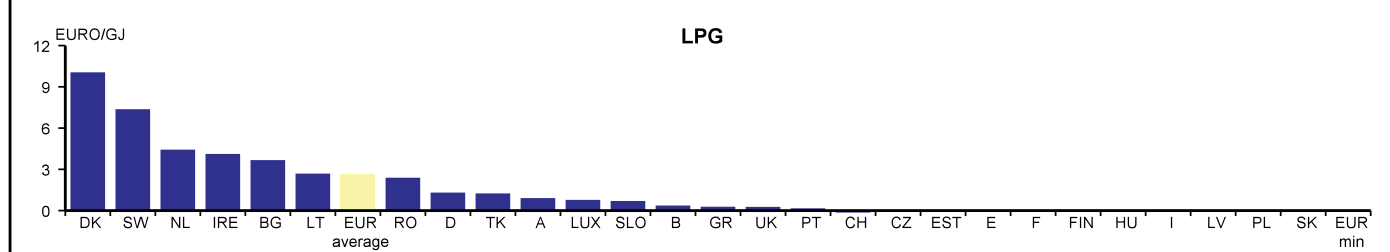
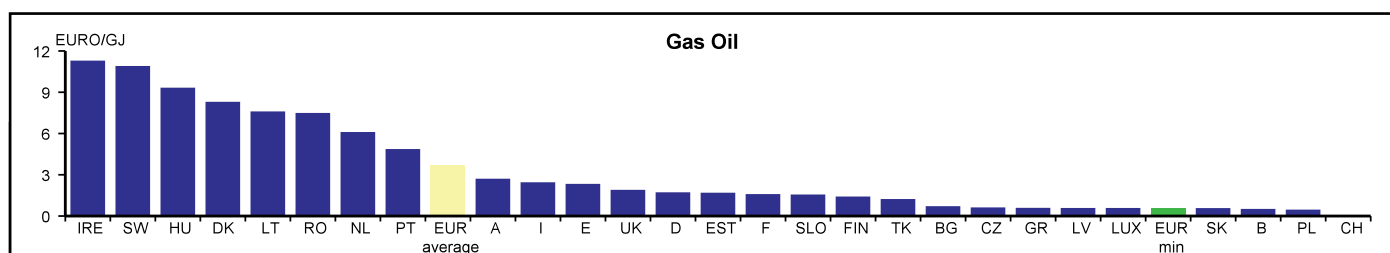
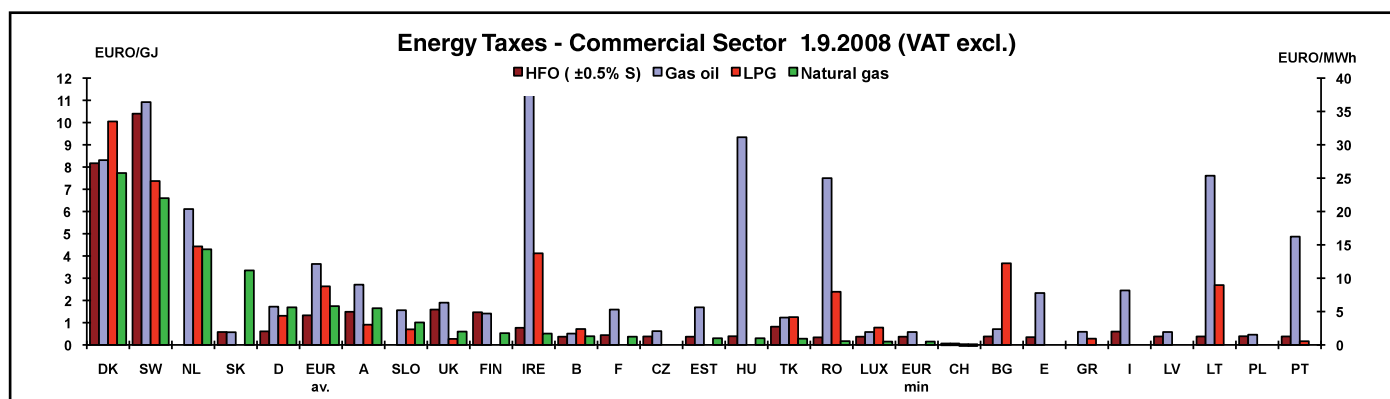
Residential Sector



In these tables a comparison between taxation levels of competing sources of energy is given (at 1.09.2008). All types of energy taxes (directly levied on the energy sold /consumed) are covered, regardless of their labels and professed objectives, except taxes on motor fuel.

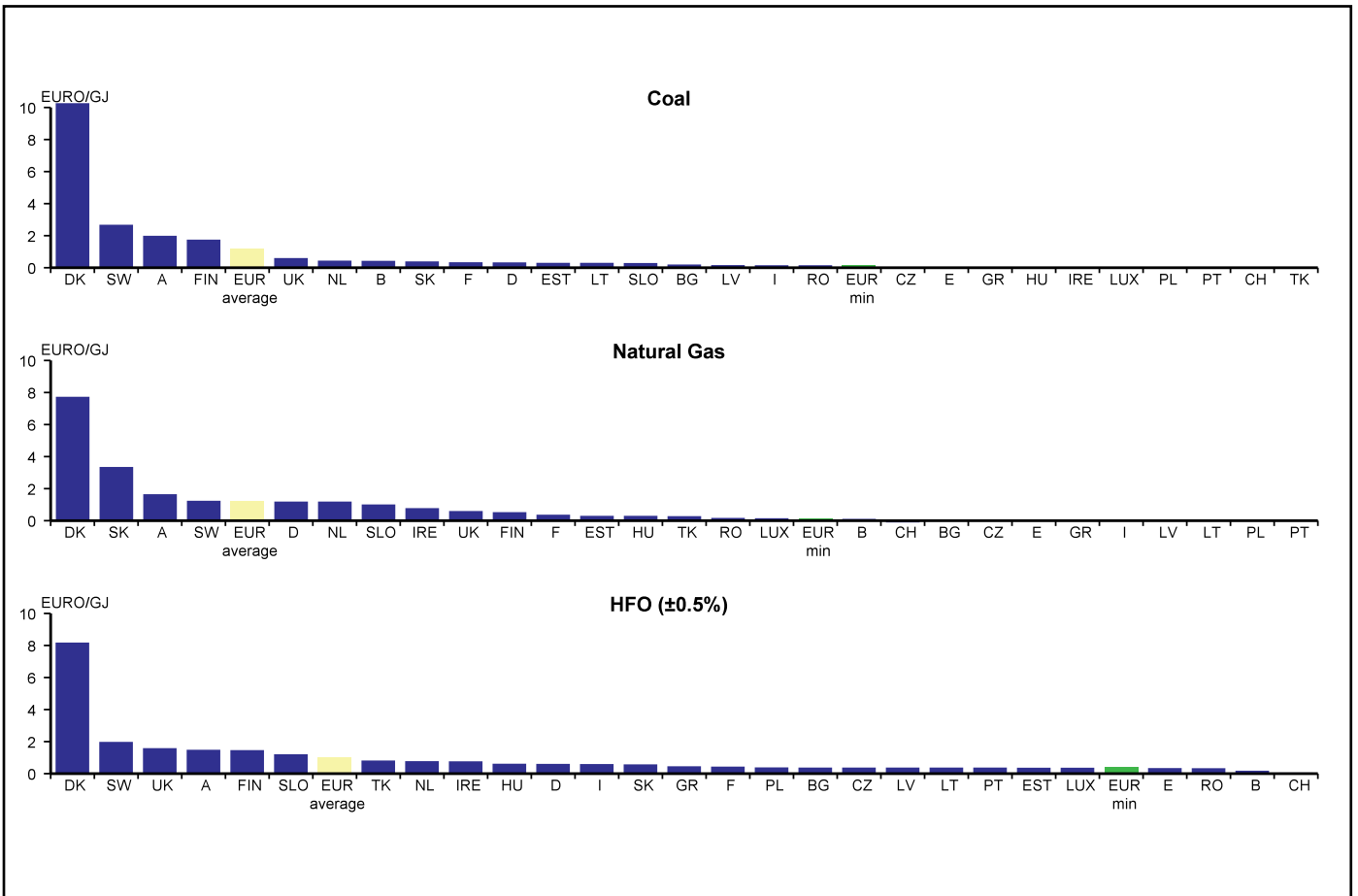
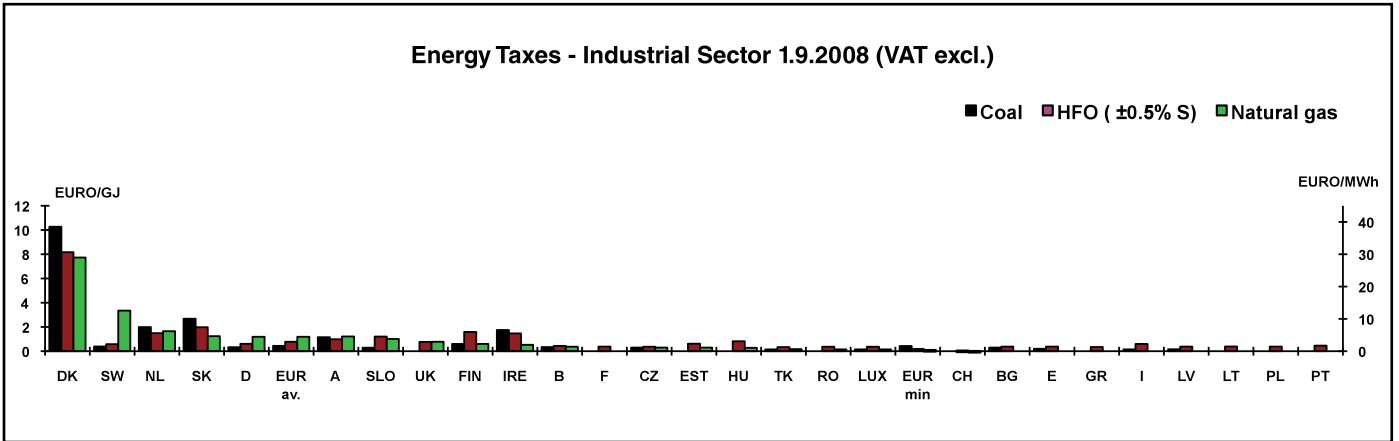
The following pages present a short overview of the preliminary results of Eurogas Taxation report 2008. The Report is available on the Eurogas web-site (www.eurogas.org).

Commercial Sector



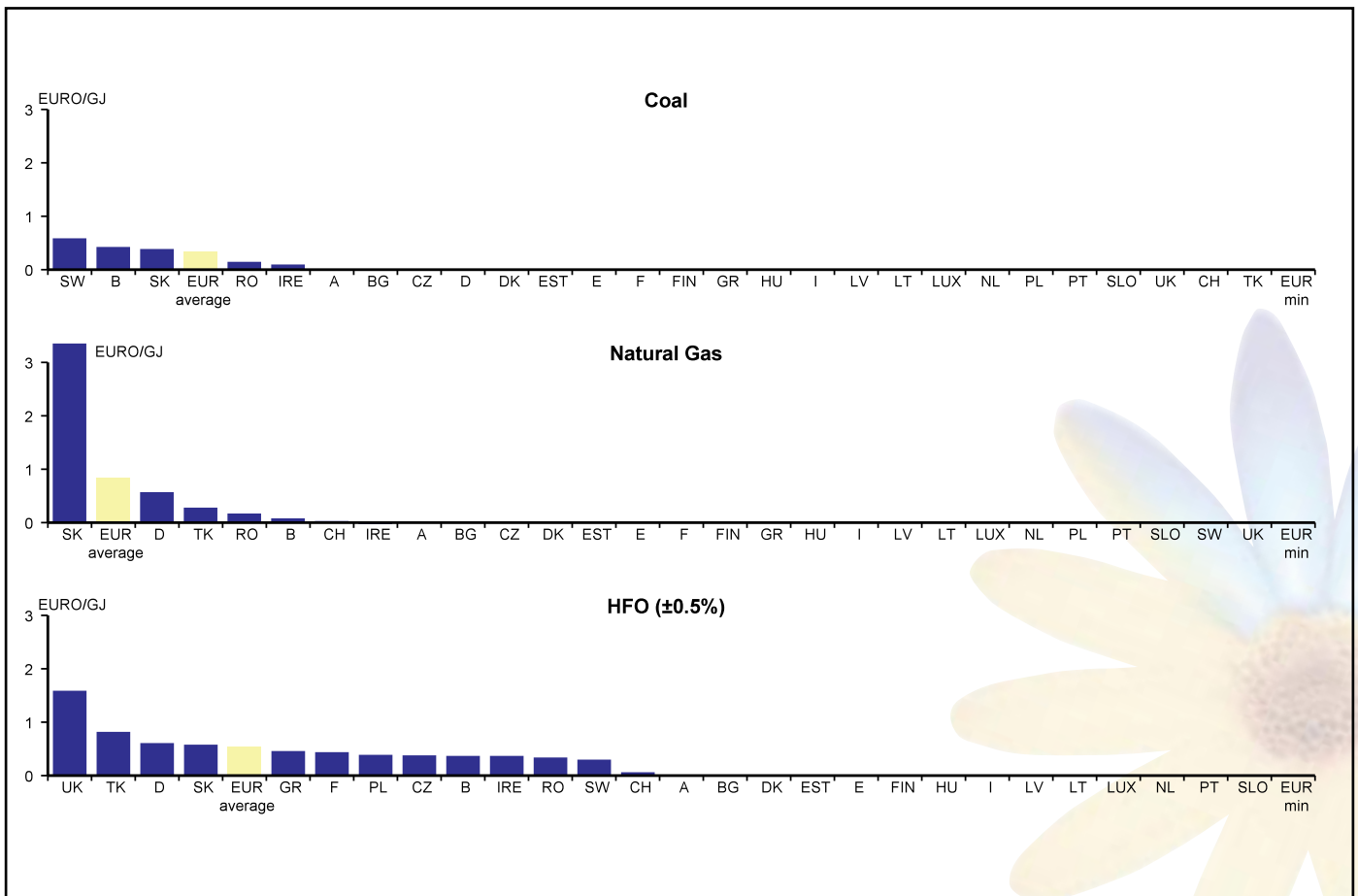
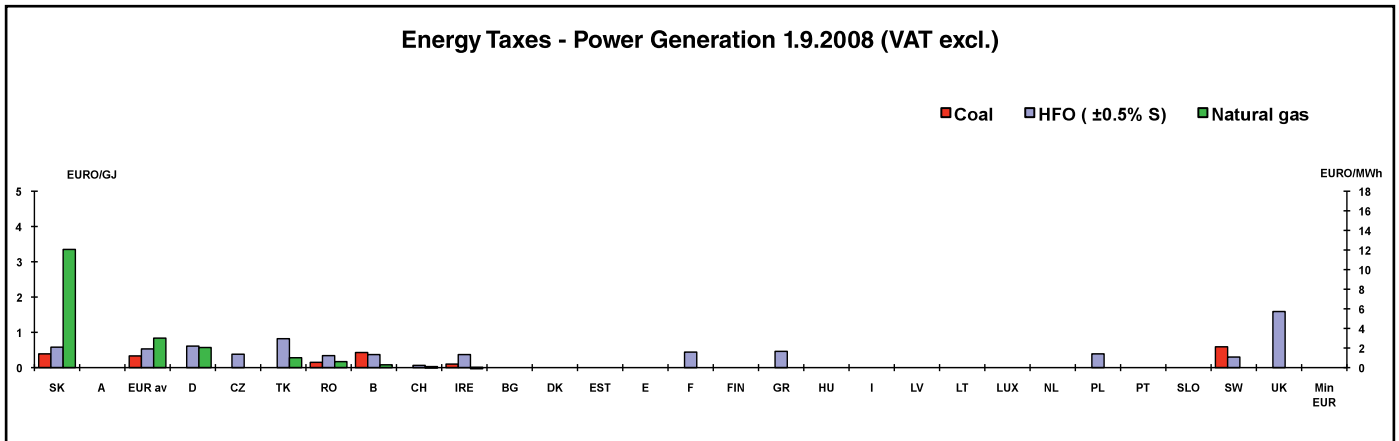
[EU] The values shown for EU are the proposed minimum levels by the European Commission.

Industry Sector



[EU] The values shown for EU are the proposed minimum levels by the European Commission.

Power Sector



[EU] The values shown for EU are the proposed minimum levels by the European Commission.