Montenegro ktoe 2019	Total	Solid fossil fuels	Manufac- tured gases	Peat and peat products	Oil shale and oil sands	Oil and petroleum products	Natural gas	Renewables and biofuels	Non- renewable waste	Nuclear heat	Heat	Electricity
+ Primary production	735.4	395.9	Z	0.0	0.0	0.0	0.0	339.5	0.0	0.0	0.0	Z
+ Recovered & recycled products	0.0	0.0	Z	0.0	0.0	0.0	Z	0.0	Z	Z	Z	Z
+ Imports - Exports	534.6 169.1	1.3 27.3	0.0	0.0	0.0	428.9 32.2	0.0	1.6 28.6	0.0	<u>Z</u> Z	0.0	102.8 81.1
+ Change in stock	11.2	-1.5	0.0	0.0	0.0	12.7	0.0	0.0	0.0	Z	Z	Z
Gross available energy International maritime bunkers	1 112.1 0.0	368.4 0.0	0.0	0.0	0.0	409.4 0.0	0.0	312.5 0.0	0.0 Z	0.0 Z	0.0 Z	21.7 Z
= Gross inland consumption	1 112.1	368.4	0.0	0.0	0.0	409.4	0.0	312.5	0.0	0.0	0.0	21.7
- International aviation	25.2	Z	Z	Z	Z	25.2	Z	0.0	Z	Z	Z	Z
= Total energy supply Transformation input	1 086.9 532.6	368.4 360.9	0.0	0.0	0.0	384.2 5.5	0.0	312.5 166.2	0.0	0.0	0.0	21.7 0.0
+ Electricity & heat generation	526.5	360.9	0.0	0.0	0.0	0.0	0.0	165.7	0.0	0.0	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Blast furnaces + Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z Z	Z Z	Z Z	Z
+ Refineries & petrochemical industry	5.5	Z	Z	Z	Z	5.5	Z	Z	Z	Z	Z	Z
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ BKB & PB plants + Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z 	Z 	0.0 Z	0.0 Z	<u>Z</u> Z	Z 	Z
+ For blended natural gas	0.0	Z	0.0	Z	Z	0.0	Z	0.0	Z	Z	Z	Z
+ Liquid biofuels blended	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Charcoal production plants + Gas-to-liquids plants	0.5	<u>Z</u> Z	<u>Z</u> Z	<u>Z</u> Z	Z Z	Z Z	0.0	0.5 Z	Z Z	Z Z	Z Z	<u>Z</u>
+ Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z
Transformation output + Electricity & heat generation	300.7 295.0	0.0 Z	0.0 Z	0.0 Z	Z Z	5.5 Z	0.0 Z	0.2 Z	Z Z	Z Z	0.0	295.0 295.0
+ Coke ovens	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z95.0 Z
+ Blast furnaces	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	<u>Z</u>	Z	Z	Z
+ Refineries & petrochemical industry + Patent fuel plants	5.5 0.0	0.0	Z	Z	Z	5.5 Z	Z 	0.0 Z	Z Z	Z Z	Z 	Z
+ BKB & PB plants	0.0	0.0	Z	0.0	Z	Z	Z	Z	Z	Z	Z	Z
+ Coal liquefaction plants	0.0	Z Z	Z Z	Z Z	Z Z	0.0 Z	0.0	Z Z	Z Z	Z Z	Z Z	Z
+ Blended in natural gas + Liquid biofuels blended	0.0				Z	Z	0.0 Z	0.0	Z	Z	Z	Z
+ Charcoal production plants	0.2	Z	Z	Z	Z	Z	Z	0.2	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	0.0	0.0	0.0	Z Z	0.0	Z Z	Z Z	Z 	Z Z	Z 	Z
+ Not elsewhere specified Energy sector	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	11.1
+ Own use in electricity & heat general	11.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	11.1
+ Coal mines	0.0	0.0 Z	0.0 Z	0.0 Z	0.0	0.0	0.0	0.0	0.0 Z	Z Z	0.0	0.0
+ Oil & natural gas extraction plants + Patent fuel plants	0.0	0.0	0.0	0.0	0.0	0.0 Z	0.0 Z	0.0	0.0	Z	0.0	0.0
+ Coke ovens	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ BKB & PB plants + Gas works	0.0	0.0	0.0	0.0	0.0	Z 0.0	0.0	0.0	0.0	<u>Z</u> Z	0.0	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Petroleum refineries (oil refineries)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Nuclear industry + Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z Z	Z 	<u>Z</u> Z	Z Z	<u>Z</u>	0.0	0.0
+ Liquefaction & regasification plants (0.0	Z	Z	Z	Z	Z	0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Gas-to-liquids (GTL) plants + Charcoal production plants	0.0	Z 	Z Z	Z Z	Z Z	Z Z	0.0 Z	0.0	0.0	Z Z	0.0	0.0
+ Not elsewhere specified (energy)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Distribution losses	42.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	42.4
Available for final consumption Final non-energy consumption	801.6 40.3	7.5 0.0	0.0	0.0	0.0	384.2 40.3	0.0	146.5 0.0	0.0 Z	0.0 Z	0.0 Z	263.3 Z
Final energy consumption	760.6	7.5	0.0	0.0	0.0	343.9	0.0	146.5	0.0	Z	0.0	262.6
+ Industry	137.2	3.4	0.0	0.0	0.0	64.7	0.0	9.1	0.0	Z	0.0	60.1
+ Iron & steel + Chemical & petrochemical	7.7 2.4	1.6 0.0	0.0	0.0	0.0	3.2 0.9	0.0	0.0 1.2	0.0	Z Z	0.0	3.0 0.3
+ Non-ferrous metals	50.7	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	Z	0.0	48.2
+ Non-metallic minerals	3.8	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	Z	0.0	0.7
+ Transport equipment + Machinery	0.0 3.0	0.0	0.0	0.0	0.0	0.0 1.9	0.0	0.0	0.0	<u>Z</u> Z	0.0	0.0
+ Mining & quarrying	13.8	0.0	0.0	0.0	0.0	13.1	0.0	0.0	0.0	Z	0.0	0.8
+ Food, beverages & tobacco	23.1	1.0	0.0	0.0	0.0	11.7	0.0	7.1	0.0	Z	0.0	3.2
+ Paper, pulp & printing + Wood & wood products	0.7 17.0	0.0	0.0	0.0	0.0	0.3 14.9	0.0	0.0	0.0	Z Z	0.0	0.3 1.5
+ Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Textile & leather + Not elsewhere specified (industry)	0.3 14.8	0.0	0.0	0.0	0.0	0.2 12.8	0.0	0.0	0.0	<u>Z</u> Z	0.0	0.1 1.6
+ Transport	265.7	0.0	0.0	0.0	0.0	263.9	0.0	0.2	0.0	Z	Z	1.8
+ Rail	1.8	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	1.8
+ Road + Domestic aviation	263.9 0.0	Z 	Z 	Z 	Z 	263.9 0.0	0.0 Z	0.0	0.0 Z	<u>Z</u>	Z Z	0.0 Z
+ Domestic aviation + Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0	Z	Z	Z
+ Pipeline transport	0.0	Z	Z	Z	Z	0.0	0.0	0.0	Z	Z	Z	0.0
+ Not elsewhere specified (transport + Other	0.0 357.7	0.0 4.2	0.0	0.0	0.0	0.0 15.3	0.0	0.0 137.4	0.0	Z Z	0.0	200.8
+ Commercial & public services	108.9	2.0	0.0	0.0	0.0	10.6	0.0	7.8	0.0	Z	0.0	88.5
+ Households	244.0	2.1	0.0	0.0	0.0	1.8	0.0	129.1	0.0	Z	0.0	111.0
+ Agriculture & forestry + Fishing	4.9 0.0	0.0	0.0	0.0	0.0	3.0 0.0	0.0	0.6	0.0	Z Z	0.0	0.0
+ Not elsewhere specified (other)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
Statistical differences	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Gross electricity production	295.0	129.4	0.0	0.0	0.0	0.0	0.0	165.7	0.0	0.0	Z	Z
Gross heat production	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

eurostat

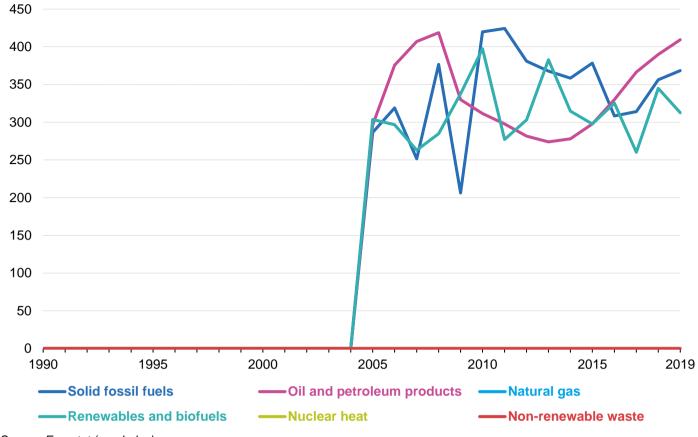
Montenegro					ktoe				
onog.o	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross available energy	1 134	1 070	995	974	1 019	990	1 037	1 074	1 112
Solid fossil fuels	424	381	368	359	378	308	314	356	368
Peat & peat products Oil shale & oil sands	0	0 0	0	0	0	0	0	0 0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	3	4	5
Petroleum products	298	282	274	278	298	330	366	390	409
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	277	303	383	315	298	325	260	345	313
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	721	703	761	691	705	662	624	728	735
Solid fossil fuels	434	393	372	364	390	317	335	362	396
Peat Oil shale and oil sands	0	0	0	0	0	0	0	0	0
Crude oil & other hydrocarbons	0	0	0	0	0	0	0	0	0
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	287	310	389	327	315	346	289	367	340
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	411	367	234	291	306	342	420	334	365
Solid fossil fuels	-12	-12	-4	-5	-12	-8	-21	-20	-26
Crude oil	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio) Motor Gasoline (w/o bio)	170 46	173 39	173 34	181 34	190 33	227 37	257 36	264 38	262 39
Naphtha	0	0	0	0	0	0	0	0	<u>39</u> 0
LPG	21	19	16	20	22	21	21	22	23
All other oil & petroleum products	298	282	274	286	291	345	373	392	397
Natural gas	0	0	0	0	0	0	0	0	0
Transformation input	521	500	578	502	495	454	404	549	533
Electricity & heat generation	521	500	578	502	495	454	401	544	527
Refinery intake	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	228	0 245	339	0 273	0 258	0 270	0 217	332	301
Transformation output Electricity & heat generation	228	245	339	273	258	270	217	328	295
Refinery output	0	0	0	0	0	0	0	0	0
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	14	13	12	12	11	10	10	11	11
Distribution losses	56	60	65	59	50	47	44	43	42
Available for final consumption	760	729	666	656	701	729	775	779	802
Solid fossil fuels	6	8	5	7	11	12	10	7	8
Manufactured gases Peat & peat products	0	0	0	0	0 0	0	0 0	0	0
Oil shale & oil sands	0	0	0	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	170	173	173	173	188	218	246	263	277
Motor Gasoline (w/o bio)	46	39	34	37	38	39	39	38	39
Naphtha	0	0	0	0	0	0	0	0	0
LPG	21	19	16	18	20	19	20	20	20
All other oil & petroleum products	286	268	260	260	279	310	345	366	384
Natural gas	0	0	0	0	0	0	0	0	0
Primary solid biofuels & charcoal	173	175	167	163	169	166	163	150	146
Liquid biofuels All other renewable energies	174	0 176	0 168	0	170	0 167	0 164	0 151	0 147
Non-renewable wastes	0	0	0	164 0	170 0	0	0	0	0
Electricity	294	277	233	224	242	240	256	256	263
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	0	0	0	0	11	10	10	11	1
Final non-energy consumption	41	30	25	28	28	30	36	38	40
Final energy consumption	719	699	641	629	663	689	729	730	761
Industry	227	203	183	133	132	120	139	136	137
Transport	213	203	165	163	187	219	236	253	266
Other sectors	279	293	292	333	344	349	354	341	358
Services Households	8 269	9 281	14 269	69 256	70 265	79 265	86 263	88 248	109 244
1 เบนอธิกิบโนอิ	209	201	209	200	200	200	203	240	244

2030 indicators	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross inland consumption	1 134	1 070	995	974	1 019	990	1 037	1 074	1 112
Primary energy consumption	1 093	1 040	970	946	991	960	1 002	1 036	1 072
Final energy consumption	730	712	655	646	682	709	750	754	786

Source: Eurostat (nrg_bal_c)

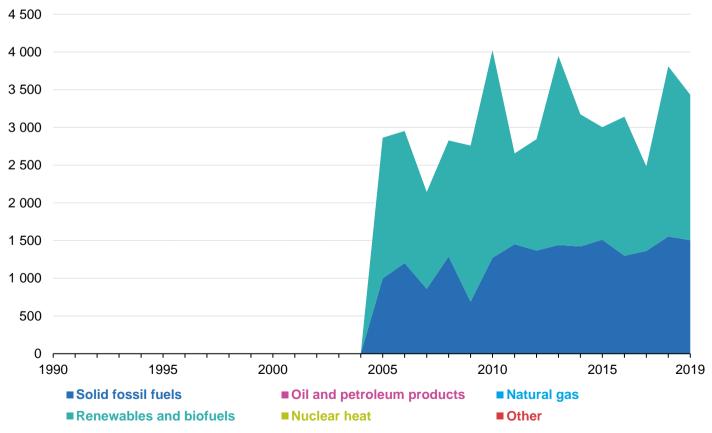
Montenegro

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

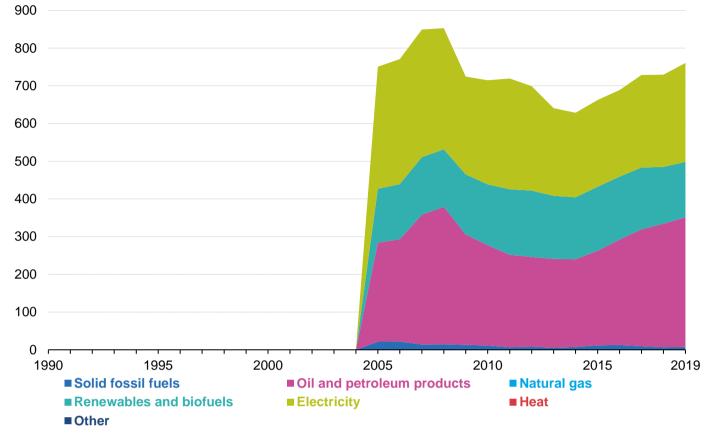
Gross electricity production by fuel, GWh



Source: Eurostat (nrg_bal_c)

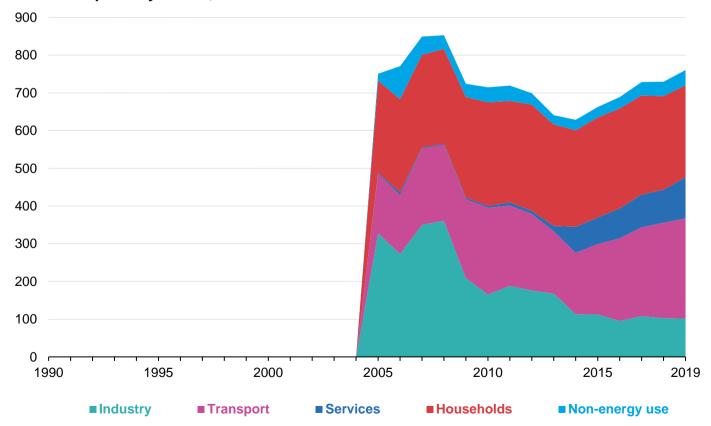
Montenegro

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production

Montenegro

GWh	2014	2015	2016	2017	2018	2019	2020P
Total	3 173	3 003	3 141	2 483	3 811	3 433	0 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands

GWh	2014	2015	2016	2017	2018	2019	2020P
Anthracite	0	0	0	0	0	0	: P
Coking coal	0	0	0	0	0	0	: P
Other bituminous coal	0	0	0	0	0	0	: P
Sub-bituminous coal	0	0	0	0	0	0	: P
Lignite	1 421	1 512	1 298	1 362	1 555	1 504	: P
Coke oven coke	0	0	0	0	0	0	: P
Patent fuel	0	0	0	0	0	0	: P
Brown coal briquettes	0	0	0	0	0	0	: P
Coal tar	0	0	0	0	0	0	: P
Peat	0	0	0	0	0	0	: P
Peat products	0	0	0	0	0	0	: P
Oil shale and oil sands	0	0	0	0	0	0	: P
Sub-total	1 421	1 512	1 298	1 362	1 555	1 504	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2014	2015	2016	2017	2018	2019	2020P
Natural gas	0	0	0	0	0	0	: P
Coke oven gas	0	0	0	0	0	0	: P
Gas works gas	0	0	0	0	0	0	: P
Blast furnace gas	0	0	0	0	0	0	: P
Other recovered gases	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Oil and petroleum products

GWh	2014	2015	2016	2017	2018	2019	2020P
Crude oil	0	0	0	0	0	0	: P
Refinery gas	0	0	0	0	0	0	: P
Liquefied petroleum gases	0	0	0	0	0	0	: P
Naphtha	0	0	0	0	0	0	: P
Kerosene-type jet fuel	0	0	0	0	0	0	: P
Other kerosene	0	0	0	0	0	0	: P
Gas oil and diesel oil	0	0	0	0	0	0	: P
Fuel oil	0	0	0	0	0	0	: P
Petroleum coke	0	0	0	0	0	0	: P
Bitumen	0	0	0	0	0	0	: P
Other oil products	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2014	2015	2016	2017	2018	2019	2020P
Hydro	1 752	1 491	1 843	1 024	2 113	1 634	: P
Geothermal	0	0	0	0	0	0	: P
Wind	0	0	0	97	143	295	: P
Solar thermal	0	0	0	0	0	0	: P
Solar photovoltaic	0	0	0	0	0	0	: P
Tide, wave, ocean	0	0	0	0	0	0	: P
Solid biofuels	0	0	0	0	0	0	: P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	0	0	0	0	0	0	: P
Renewable municipal waste	0	0	0	0	0	0	: P
Sub-total	1 752	1 491	1 843	1 121	2 256	1 929	0 P

Source: Eurostat (nrg_ind_pehcf & nrg_ind_pehnf)

Non-renewable wastes

GWh	2014	2015	2016	2017	2018	2019	2020P
Industrial waste (non-renewable)	0	0	0	0	0	0	: P
Non-renewable municipal waste	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Other sources

GWh	2014	2015	2016	2017	2018	2019	2020P
Nuclear	0	0	0	0	0	0	: P
Heat from chemical sources	0	0	0	0	0	0	: P
Other fuels not elsewhere specified	0	0	0	0	0	0	: P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehnf)

Solid fossil fuels (coal), Peat, Oil shale and oil sands - Inland consumption

kt	2014	2015	2016	2017	2018	2019	2020P
Anthracite	0	0	0	0	0	0	: 0
Coking coal	0	0	0	0	0	0	: 0
Other bituminous coal	0	0	0	0	0	0	: 0
Sub-bituminous coal	0	0	0	0	0	0	: 0
Lignite	1 630	1 720	1 361	1 383	1 573	1 494	: 0
Coke oven coke	0	0	0	0	0	0	: 0
Patent fuel	0	0	0	0	0	0	: 0
Brown coal briquettes	0	0	0	0	0	0	: 0
Coal tar	0	0	0	0	0	0	: 0
Peat	0	0	0	0	0	0	: 0
Peat products	0	0	0	0	0	0	: 0
Oil shale and oil sands	0	0	0	0	0	0	: 0

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2014	2015	2016	2017	2018	2019	2020P
Natural gas	0	0	0	C	0	0	: 0
Coke oven gas	0	0	0	C	0	0	: 0
Gas works gas	0	0	0	C	0	0	: 0
Blast furnace gas	0	0	0	C	0	0	: 0
Other recovered gases	0	0	0	C	0	0	: 0

Source: Eurostat (nrg_cb_gas)

Crude oil, NGL, refinery feedstocks, additives and oxygenates and other hydrocarbons

<u>k</u> t	2014	2015	2016	2017	2018	2019	2020P
Imports	0	0	0	3	4	5	: 0
Refinery intake	0	0	0	0	0	0	: 0

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	294	302	357	400	416	421	: 0
Export	11	16	15	33	31	31	: 0
Total refinery output	0	0	0	0	0	0	: P
Gas oil and diesel oil	0	0	0	0	0	0	: 0
Motor gasoline	0	0	0	0	0	0	: O
Fuel oil	0	0	0	0	0	0	: O
Naphtha	0	0	0	0	0	0	: O
Kerosene-type jet fuel	0	0	0	0	0	0	: O
All other oil products	0	0	0	0	0	0	: P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2014	2015	2016	2017	2018	2019	2020P
Primary solid biofuels [TJ]	6 842	7 060	6 946	6 822	6 289	6 118	: 0
Charcoal [kt]	1	1	1	1	1	1	: 0
Biogases [TJ]	0	0	0	0	0	0	: 0
Pure biogasoline [kt]	0	0	0	0	0	0	: 0
Pure biodiesels [kt]	0	0	0	0	0	0	: 0
Other liquid biofuels [kt]	0	0	0	0	0	0	: 0

Source: Eurostat (nrg_cb_rw)

Wastes - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Renewable municipal waste	0	0	0	0	0	0	: 0
Non-renewable municipal waste	0	0	0	0	0	0	: 0
Industrial waste (non-renewable)	0	0	0	0	0	0	: 0

Source: Eurostat (nrg_cb_rw)

Non-combustible renewables - Inland consumption

TJ	2014	2015	2016	2017	2018	2019	2020P
Geothermal	0	0	0	0	0	0	: 0
Solar thermal	2	8	8	8	8	8	: 0
Ambinet heat (heat pumps)	0	0	0	0	0	0	: 0

Source: Eurostat (nrg_cb_rw)