Moldova 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	667.6	0.0	Z	0.0	0.0	4.8	0.1	662.7	0.0	0.0	0.0	Z
+ Recovered & recycled products + Imports	0.0 2 184.2	0.0 91.6	0.0	0.0	0.0	0.0 1 033.5	756.7	0.0 1.4	0.0	<u>Z</u> Z	0.0	301.0
- Exports	10.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0	0.0	Z	0.0	0.0
+ Change in stock	-0.9	10.1	0.0	0.0	0.0	-6.9	1.1	-5.2	0.0	Z	Z	Z
Gross available energy International maritime bunkers	2 840.9 0.0	101.7 0.0	0.0	0.0	0.0	1 021.5 0.0	757.9	658.8 0.0	0.0 Z	0.0 Z	0.0 Z	301.0 Z
= Gross inland consumption	2 840.9	101.7	0.0	0.0	0.0	1 021.5	757.9	658.8	0.0	0.0	0.0	301.0
- International aviation	52.8	Z	Z	Z	Z	52.8	Z	0.0	Z	Z	Z	Z
= Total energy supply Transformation input	2 788.1 349.6	101.7 0.0	0.0	0.0	0.0	968.7 10.1	757.9 309.0	658.8 30.4	0.0	0.0	0.0	301.0 0.0
+ Electricity & heat generation	341.0	0.0	0.0	0.0	0.0	3.2	309.0	28.7	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	<u>Z</u> Z	Z Z	<u>Z</u>
+ Refineries & petrochemical industry	6.9	Z	Z	Z	Z	6.9	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 Z	0.0 Z	0.0 Z	Z Z	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	1.7 0.0	Z Z	Z Z	Z Z	Z Z	Z Z	0.0	1.7 Z	Z Z	<u>Z</u> Z	Z Z	Z
+ 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	318.7	0.0	0.0	0.0	Z	6.5	0.0	0.3	<u>Z</u>	Z	231.0	80.9
+ Electricity & heat generation + Coke ovens	311.9 0.0	0.0	0.0	Z Z	Z Z	Z Z	Z Z	Z Z	Z Z	Z Z	231.0 Z	80.9 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	Z	Z	Z	Z
+ Refineries & petrochemical industry + Patent fuel plants	6.5 0.0	0.0	Z Z	Z Z	Z Z	6.5 Z	Z Z	0.0 Z	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	Z
+ Blended in natural gas + Liquid biofuels blended	0.0	<u>Z</u> Z	Z Z	Z Z	<u>Z</u> Z	Z Z	0.0 Z	0.0	Z Z	Z 	Z Z	Z
+ Charcoal production plants	0.3	Z	Z	Z	Z		Z	0.3	Z	Z	Z	Z
+ Gas-to-liquids plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Not elsewhere specified Energy sector	0.0 18.7	0.0 0.0	0.0	0.0	2 0.0	0.0	0.0	0.0	0.0	Z Z	7 1.1	7 17.5
+ Own use in electricity & heat general	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	13.5
+ Coal mines	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Oil & natural gas extraction plants + Patent fuel plants	0.0	0.0	0.0	0.0	Z 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	0.0	0.0	0.0	0.0	0.0	Z 0.0	0.0	0.0	0.0	Z 	0.0	0.0
+ Gas works + 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)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.2	0.0
+ Nuclear industry	0.0	0.0	0.0	0.0	Z 0.0	Z Z	<u>Z</u> Z	<u>Z</u> Z	<u>Z</u> Z	Z Z	0.0	0.0
+ Coal liquefaction plants + Liquefaction & regasification plants (0.0	0.0 Z	Z	Z	Z		0.0	Z	Z	Z	0.0	0.0
+ Gasification plants for biogas	0.0		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 Z	0.0 Z	0.0	0.0	Z Z	0.0	0.0
+ Not elsewhere specified (energy)	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	4.0
Distribution losses	100.0	0.0	0.0	0.0	0.0	2.9	25.9	0.0	0.0	Z	34.6	36.5
Available for final consumption Final non-energy consumption	2 638.6 57.0	101.7 0.0	0.0	0.0	0.0	962.2 57.0	422.9 0.0	628.7 0.0	0.0 Z	0.0 Z	195.3 Z	327.9 Z
Final energy consumption	2 581.6	101.7	0.0	0.0	0.0	905.2	422.8	628.7	0.0	Z	195.3	327.9
+ Industry	231.6	22.4	0.0	0.0	0.0	38.2	58.3	0.5	0.0	Z	48.5	63.6
+ Iron & steel + Chemical & petrochemical	0.3 8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z Z	0.0 4.4	3.0
+ Non-ferrous metals	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.0
+ Non-metallic minerals	94.1	21.1	0.0	0.0	0.0	27.4	32.3	0.0	0.0	Z	0.0	13.2
+ Transport equipment + Machinery	1.2 3.8	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	Z Z	0.0	0.9 2.9
+ Mining & quarrying	5.1	0.0	0.0	0.0	0.0	3.7	0.1	0.0	0.0	Z	0.0	1.3
+ Food, beverages & tobacco	95.2	1.3	0.0	0.0	0.0	0.7	20.6	0.4	0.0	Z	41.9	30.3
+ Paper, pulp & printing + Wood & wood products	2.6 0.6	0.0	0.0	0.0	0.0	0.0	1.0 0.0	0.0	0.0	<u>Z</u> Z	0.5	1.1 0.5
+ Construction	8.2	0.0	0.0	0.0	0.0	6.1	0.8	0.0	0.0	Z	0.0	1.4
+ Textile & leather	6.9	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	Z	1.4	4.4
+ Not elsewhere specified (industry) + Transport	5.3 717.6	0.0	0.0	0.0	0.0	0.0 696.2	0.8 17.5	0.0	0.0	Z Z	0.1 Z	3.9
+ Rail	6.7	0.0	0.0	0.0	0.0	6.7	Z	0.0	0.0	Z	Z	0.0
+ Road	700.1	Z	Z Z	Z Z	Z Z	688.1	12.0	0.0	0.0	Z Z	Z 	0.0
+ Domestic aviation + Domestic navigation	0.0	0.0	0.0	0.0	0.0	0.0	Z Z	0.0	0.0	Z	Z	<u>Z</u>
+ Pipeline transport	5.7	Z	Z	Z	Z	0.0	5.5	0.0	Z	Z	Z	0.2
+ Not elsewhere specified (transport + Other	4.6 1 632.3	0.0 79.3	0.0	0.0	0.0	0.9 170.8	0.0 347.0	0.0 628.1	0.0	Z 	Z 146.7	3.7 260.4
+ Commercial & public services	263.1	17.5	0.0	0.0	0.0	1.3	84.9	10.9	0.0	Z	38.0	110.5
+ Households	1 237.8	60.5	0.0	0.0	0.0	57.5	259.4	608.0	0.0	Z	108.7	143.7
+ Agriculture & forestry + Fishing	123.3 0.0	1.3	0.0	0.0	0.0	112.0 0.0	2.7 0.0	1.1 0.0	0.0	Z Z	0.0	6.2 0.0
+ Not elsewhere specified (other)	8.2	0.0	0.0	0.0	0.0	0.0	0.0	8.2	0.0	Z	0.0	0.0
Statistical differences	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Gross electricity production	80.9		0.0	0.0	0.0	0.3	68.4	12.2	0.0	0.0	Z	Z
Gross heat production	231.0	0.1	0.0	0.0	0.0	2.1	220.2	8.6	0.0	0.0	Z	0.0

Source: Eurostat (nrg_bal_c)

eurostat

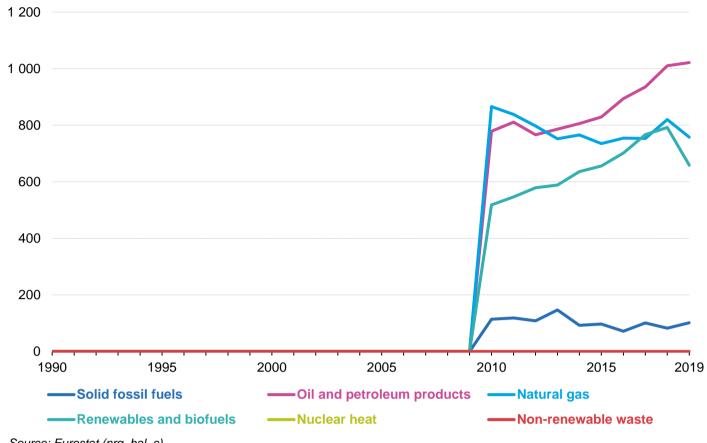
Moldova					ktoe				
Wioldova	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross available energy	2 585	2 533	2 560	2 588	2 602	2 708	2 850	3 006	2 841
Solid fossil fuels	119	109	147	93	97	72	101	83	102
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands Crude oil & other hydrocarbons	0 12	0 11	0 11	<u> </u>	0 	0 	0 4	0 5	<u>0</u>
Petroleum products	811	766	786	806	829	894	935	1 010	1 022
Natural gas	838	797	752	766	735	755	753	820	758
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	547	579	588	636	656	702	767	792	659
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	556	594	599	655	657	706	769	798	668
Solid fossil fuels	0	0	0	0	0	0	0	0	0
Peat Oil shale and ail sands	0	0	0	0	0	0	0	0	0
Oil shale and oil sands Crude oil & other hydrocarbons	13	11	10	8	0 7	<u> </u>	<u> </u>	0 5	5
Natural gas	0	0	0	0	0	0	0	0	0
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	543	583	589	647	649	700	764	793	663
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	2 045	1 928	1 966	1 920	1 950	2 004	2 086	2 219	2 174
Solid fossil fuels	124	105	152	85	95	57	116	87	92
Crude oil	0	0	1	0	0	0	0	0	0
Gas/Diesel Oil (w/o bio)	452	403	456	460	521	557	582	596	623
Motor Gasoline (w/o bio)	221	168 0	169 0	158 0	171 0	173 0	171 0	176 0	186
Naphtha LPG	84	78	86	85	81	85	79	79	72
All other oil & petroleum products	811	745	778	783	837	906	923	1 007	1 024
Natural gas	839	797	751	766	734	756	752	822	757
Transformation input	431	411	407	417	378	398	383	394	350
Electricity & heat generation	405	383	377	388	361	369	356	378	341
Refinery intake	19	19	20	19	11	17	15	10	6
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	385	0 365	0 361	0 361	335	0 357	0 348	0 351	0 319
Transformation output Electricity & heat generation	360	340	332	333	320	331	322	337	319
Refinery output	19	18	18	17	11	16	14	10	5
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	30	26	14	16	17	17	17	17	19
Distribution losses	124	124	139	146	125	123	123	120	100
Available for final consumption	2 367	2 315	2 338	2 344	2 394	2 494	2 626	2 767	2 639
Solid fossil fuels	117	107	138	90	95	69	100	82	102
Manufactured gases Peat & peat products	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)	451	404	442	464	505	546	581	595	623
Motor Gasoline (w/o bio)	216	175	168	166	169	173	168	177	183
Naphtha	0	0	0	0	0	0	0	0	0
LPG	74	81	81	85	83	85	78	77	72
All other oil & petroleum products	772	726	745	765	794	844	874	939	962
Natural gas	425	396	351	348	354	376	386	438	423
Primary solid biofuels & charcoal	530	570 0	576 0	617 0	630 0	678 0	744 0	763 0	627
Liquid biofuels All other renewable energies	530	570	577	617	631	679	745	764	629
Non-renewable wastes	0	0	0	017	031	0/9	0	0	029
Electricity	291	298	313	314	317	311	318	330	328
Heat	232	218	214	210	202	214	204	214	195
Statistical difference	0	3	1	0	0	0	0	-1	0
Final non-energy consumption	30	44	43	49	37	37	36	66	57
Final energy consumption	2 337	2 268	2 294	2 295	2 357	2 458	2 590	2 703	2 582
Industry	232	234	250	227	212	196	212	249	232
Transport Other sectors	621 1 483	546 1 487	574 1 470	593 1 475	649 1 496	682 1 579	688 1 690	700 1 754	718 1 632
Services	271	269	258	237	246	259	256	273	263
Households	1 137	1 155	1 147	1 170	1 180	1 234	1 317	1 357	1 238

2030 indicators	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross inland consumption	2 585	2 533	2 560	2 588	2 602	2 708	2 850	3 006	2 841
Primary energy consumption	2 555	2 489	2 517	2 539	2 566	2 672	2 814	2 941	2 784
Final energy consumption	2 356	2 291	2 316	2 321	2 382	2 491	2 638	2 762	2 634

Source: Eurostat (nrg_bal_c)

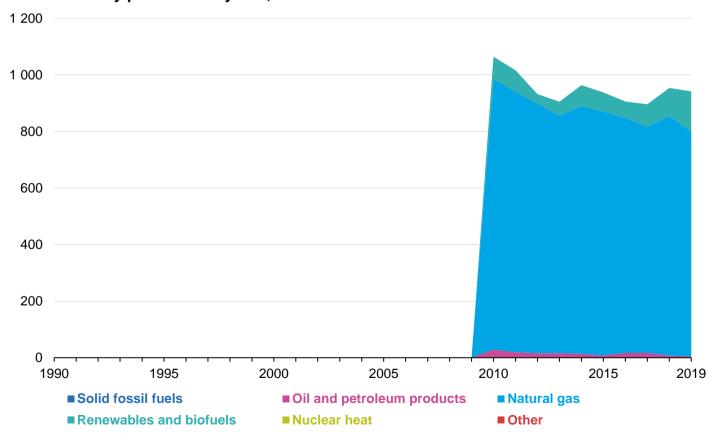
Moldova

Gross available energy by fuel, ktoe



Source: Eurostat (nrg_bal_c)

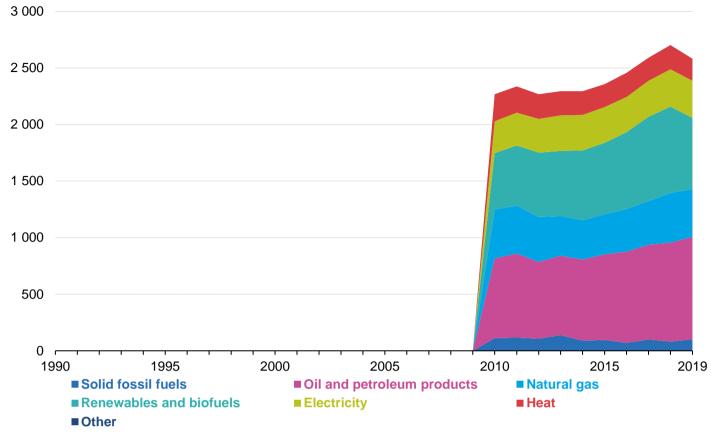
Gross electricity production by fuel, GWh



Source: Eurostat (nrg_bal_c)

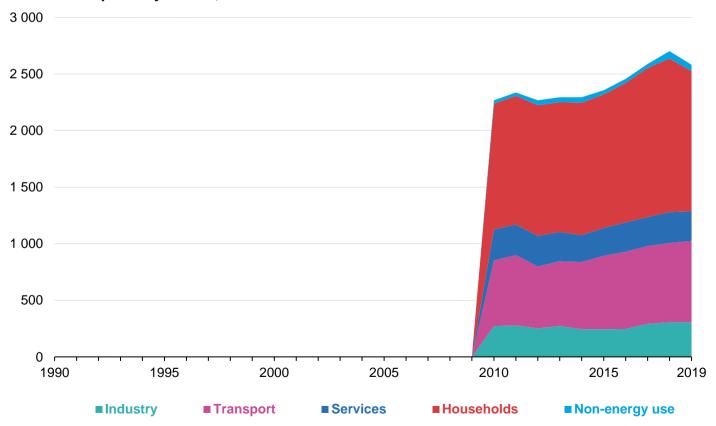
Moldova

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production

Moldova

	GWh	2014	2015	2016	2017	2018	2019	2020P
Total		963	939	906	896	954	941	981 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	0 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	0	0	0	0	0	0	0 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	0	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	0	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	0	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P
Sub-total	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_ind_pehcf)

Natural gas and manufactured gases

GWh	2014	2015	2016	2017	2018	2019	2020P
Natural gas	875	862	831	799	846	795	851 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P
Sub-total	875	862	831	799	846	795	851 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	0 P
Refinery gas	0	0	0	0	0	0	0 P
Liquefied petroleum gases	0	0	0	0	0	0	0 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
Other kerosene	0	0	0	0	0	0	0 P
Gas oil and diesel oil	1	1	1	1	1	1	1 P
Fuel oil	13	7	16	16	7	3	0 P
Petroleum coke	0	0	0	0	0	0	0 P
Bitumen	0	0	0	0	0	0	0 P
Other oil products	0	0	0	0	0	0	0 P
Sub-total	14	8	17	17	8	4	1 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2014	2015	2016	2017	2018	2019	2020P
Hydro	59	50	39	48	44	65	47 P
Geothermal	0	0	0	0	0	0	0 P
Wind	1	2	3	7	23	43	51 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	1	2	2	2	3	3	4 P
Tide, wave, ocean	0	0	0	0	0	0	0 P
Solid biofuels	0	0	0	0	0	0	0 P
Liquid biofuels	0	0	0	0	0	0	0 P
Biogases	13	15	14	23	30	31	28 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	74	69	58	80	100	142	129 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	0 P
Non-renewable municipal waste	0	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	0 P
Heat from chemical sources	0	0	0	0	0	0	0 P
Other fuels not elsewhere specified	0	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	116	90	81	122	90	122	91 P
Coking coal	0	0	0	0	2	1	0 P
Other bituminous coal	42	81	44	54	39	40	35 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	0	0	0	0	0	0	0 P
Coke oven coke	2	0	0	0	0	0	0 P
Patent fuel	0	0	0	0	6	0	0 P
Brown coal briquettes	0	0	0	0	0	0	0 P
Coal tar	0	0	0	0	0	0	0 P
Peat	0	1	0	0	0	0	0 P
Peat products	0	0	0	0	0	0	0 P
Oil shale and oil sands	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2014	2015	2016	2017	2018	2019	2020P
Natural gas	35 614	34 197	35 105	35 062	38 157	35 256	35 929 P
Coke oven gas	0	0	0	0	0	0	0 P
Gas works gas	0	0	0	0	0	0	0 P
Blast furnace gas	0	0	0	0	0	0	0 P
Other recovered gases	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_gas)

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

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	0	0	0	0	0	0	0 P
Refinery intake	19	11	17	15	10	6	7 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	781	831	899	937	1 015	1 015	983 P
Export	18	14	16	35	27	10	2 P
Total refinery output	18	11	16	15	10	5	6 P
Gas oil and diesel oil	1	0	2	1	2	0	0 P
Motor gasoline	0	0	0	0	0	0	4 P
Fuel oil	16	11	13	11	6	4	2 P
Naphtha	0	0	0	0	0	0	0 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	1	0	1	3	2	2	0 P

Source: Eurostat (nrg_cb_oil)

Biofuels - Inland consumption

	2014	2015	2016	2017	2018	2019	2020P
Primary solid biofuels [TJ]	26 237	26 864	28 852	31 616	32 570	26 854	: 0
Charcoal [kt]	1	1	1	1	1	2	: 0
Biogases [TJ]	178	401	361	282	313	292	296 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	0	0	0	0	0	0	0 P
Other liquid biofuels [kt]	0	0	0	0	0	0	0 P

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 P	
Non-renewable municipal waste	0	0	0	0	0	0	0 P	
Industrial waste (non-renewable)	0	0	0	0	0	0	0 P	

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 P
Solar thermal	0	0	0	0	0	0	0 P
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_rw)