Georgia	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	1 092.1	6.2	Z	0.0	0.0	35.6	8.3	1 042.0	0.0	0.0	0.0	Z
+ Recovered & recycled products + Imports	0.0 4 172.9	0.0 253.8	0.0	0.0	0.0	0.0 1 458.4	2 309.1	0.0	0.0	Z Z	0.0	7 151.6
- Exports	55.2	0.3	0.0	0.0	0.0	22.3	0.0	0.0	0.0	Z	0.0	32.6
+ Change in stock	-2.8 <b>5 207.0</b>	-18.6 <b>241.2</b>	0.0	0.0	0.0	15.8 <b>1 487.5</b>	0.0 <b>2 317.4</b>	0.0 <b>1 042.0</b>	0.0	0.0	0.0	7 118.9
Gross available energy     International maritime bunkers	2.1	0.0	0.0	0.0	0.0	2.1	0.0	0.0	Z	Z	Z	Z
= Gross inland consumption	5 204.8	241.2	0.0	0.0	0.0	1 485.3	2 317.4	1 042.0	0.0	0.0	0.0	118.9
- International aviation = Total energy supply	103.8 <b>5 101.0</b>	Z 241.2	0.0	0.0	0.0	103.8 <b>1 381.5</b>	2 317.4	0.0 <b>1 042.0</b>	0.0	0.0	0.0	7 118.9
Transformation input	1 386.4	0.0	0.0	0.0	0.0	38.2	572.9	775.3	0.0	0.0	0.0	0.0
+ Electricity & heat generation + Coke ovens	1 348.2 0.0	0.0	0.0	0.0	0.0	0.0	572.9 0.0	775.3 0.0	0.0 Z	0.0 Z	0.0 Z	0.0
+ Blast furnaces	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	
+ Gas works	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z
+ Refineries & petrochemical industry + Patent fuel plants	38.2 0.0	0.0	0.0	0.0	0.0	38.2 0.0	Z 	0.0	0.0	Z 	Z Z	Z Z
+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
+ Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z
+ For blended natural gas + Liquid biofuels blended	0.0	<u>Z</u> Z	0.0 Z	<u>Z</u> Z	Z Z	0.0 Z	<u>Z</u> Z	0.0	Z Z	Z Z	Z Z	Z Z
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
+ Gas-to-liquids plants + Not elsewhere specified	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z Z	Z Z	
Transformation output	1 055.4	0.0	0.0	0.0	Z	35.9	0.0	0.0	Z	Z	0.0	1 019.5
+ Electricity & heat generation	1 019.5	Z	Z	Z	Z	Z	Z	Z	Z	Z	0.0	1 019.5
+ Coke ovens + Blast furnaces	0.0	0.0	0.0	Z Z	Z Z	Z 	Z 	Z 	Z 	Z 	Z 	<u>Z</u>
+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
+ Refineries & petrochemical industry	35.9	Z	Z	Z	Z	35.9	Z	0.0	Z	Z	Z	Z
+ Patent fuel plants + BKB & PB plants	0.0	0.0	<u>Z</u> Z	0.0	Z Z	Z Z	<u>Z</u> Z	Z Z	Z Z	Z Z	Z Z	Z Z
+ Coal liquefaction plants	0.0	Z	Z	Z	Z	0.0	Z	Z	Z	Z	Z	Z
+ Blended in natural gas + Liquid biofuels blended	0.0	<u>Z</u> Z	<u>Z</u> Z	<u>Z</u> Z	Z Z	Z Z	0.0 Z	0.0	Z Z	Z Z	Z Z	<u>Z</u>
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	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 <b>22.7</b>	0.0 <b>0.1</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z <b>Z</b>	0.0	22.6
+ Own use in electricity & heat general	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	20.3
+ Coal mines + Oil & natural gas extraction plants	1.1 0.0	0.1 Z	0.0 Z	0.0 Z	0.0 Z	0.0	0.0	0.0	0.0 Z	Z Z	0.0	0.9
+ Patent fuel plants	0.0	0.0	0.0	0.0	0.0	Z	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	0.0	0.0	0.0	0.0	Z 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) + Nuclear industry	0.0	0.0 Z	0.0 Z	0.0 Z	0.0 Z	0.0 Z	0.0 Z	0.0 Z	0.0 Z	Z Z	0.0	0.0
+ Nuclear Industry + Coal liquefaction plants	0.0	0.0	0.0	0.0	0.0	Z	Z	Z	Z	Z	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 + Gas-to-liquids (GTL) plants	0.0	ZZ	<u>Z</u> Z	<u>Z</u> Z	<u>Z</u> Z		0.0	0.0 Z	0.0 Z	<u>Z</u> Z	0.0	0.0
+ Charcoal production plants	0.0	Z	Z	Z	Z	Z	Z	0.0	0.0	Z	0.0	0.0
+ Not elsewhere specified (energy)	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	1.3
Distribution losses  Available for final consumption	155.7 4 591.7	0.0 241.0	0.0	0.0	0.0	0.0 1 379.3	74.8 1 669.6	1.9 264.8	0.0	0.0	0.0	79.0 1 036.9
Final non-energy consumption	415.3	0.0	0.0	0.0	0.0	173.0	242.3	0.0	Z	Z	Z	Z
Final energy consumption + Industry	<b>4 176.4</b> 732.3	<b>241.0</b> 240.7	0.0	0.0	0.0	<b>1 206.2</b> 103.5	<b>1 427.4</b> 107.3	<b>264.8</b>	0.0	<b>Z</b> Z	0.0	<b>1 036.9</b> 279.7
+ Iron & steel	273.9	100.6	0.0	0.0	0.0	0.3	16.6	0.0	0.0	Z	0.0	156.4
+ Chemical & petrochemical	32.8	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	Z	0.0	29.4
+ Non-ferrous metals + Non-metallic minerals	0.0 187.9	0.0 134.6	0.0	0.0	0.0	0.0	0.0 27.9	0.0	0.0	Z Z	0.0	0.0 25.4
+ Transport equipment	0.8	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	Z	0.0	0.6
+ Machinery + Mining & quarrying	1.9 36.3	0.0	0.0	0.0	0.0	0.0 23.6	0.7 1.8	0.0	0.0	Z Z	0.0	1.2
+ Food, beverages & tobacco	62.0	5.5	0.0	0.0	0.0	0.1	33.3	1.0	0.0	Z	0.0	22.1
+ Paper, pulp & printing	4.1	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	Z	0.0	1.5
+ Wood & wood products + Construction	0.8 108.2	0.0	0.0	0.0	0.0	79.3	0.2 18.2	0.1	0.0	Z Z	0.0	0.5 10.7
+ Textile & leather	1.9	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	Z	0.0	1.1
+ Not elsewhere specified (industry)	21.9 1 404.1	0.0	0.0	0.0	0.0	0.1	1.8 287.9	0.0	0.0	Z Z	0.0 Z	20.0
+ Transport + Rail	43.8	0.0	0.0	0.0	0.0	1 079.9 10.1	Z01.9	0.2	0.0	Z	Z	36.0 33.7
+ Road	1 224.5	Z	Z	Z	Z	1 062.6	161.6	0.2	0.0	Z	Z	0.0
+ Domestic aviation + Domestic navigation	0.6 0.4	0.0	0.0	0.0	0.0	0.6	Z Z	0.0	0.0	Z Z	Z Z	Z
+ Pipeline transport	134.4	Z	Z	Z	Z	6.1	126.3	0.0	Z	Z	Z	1.9
+ Not elsewhere specified (transport	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	Z	0.4
+ Other + Commercial & public services	2 040.1 535.5	0.3	0.0	0.0	0.0	22.9 1.0	1 032.1 194.1	263.5 14.9	0.0	<u>Z</u> Z	0.0	721.2 325.5
+ Households	1 300.7	0.2	0.0	0.0	0.0	10.5	830.7	247.6	0.0	Z	0.0	211.6
+ Agriculture & forestry	26.5	0.1	0.0	0.0	0.0	11.1	7.4	1.0	0.0	Z	0.0	7.0
+ Fishing + Not elsewhere specified (other)	0.2 177.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	Z 	0.0	0.0 177.1
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	1 019.5	0.0	0.0	0.0	0.0	0.0	244.2	775.3	0.0	0.0	Z	
Gross heat production  Source: Eurostat (nrg. bal. c)	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

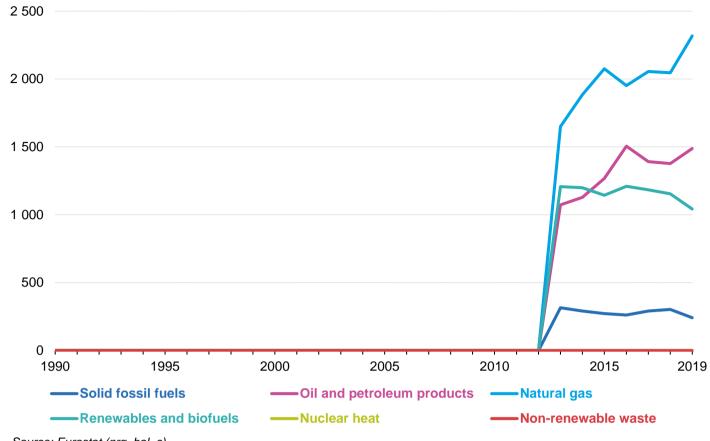
Georgia					ktoe				
Georgia	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross available energy	0	0	4 248	4 523	4 762	4 921	4 992	4 958	5 207
Solid fossil fuels	0	0	315	291	272	262	292	303	241
Peat & peat products	0	0	0	0	0	0	0	0	0
Oil shale & oil sands Crude oil & other hydrocarbons	0	0	0	0	0 14	-35	-125	0 25	38
Petroleum products	0	0	1 072	1 128	1 268	1 505	1 392	1 377	1 487
Natural gas	0	0	1 650	1 884	2 075	1 951	2 055	2 045	2 317
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	0	0	1 208	1 199	1 144	1 210	1 184	1 154	1 042
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Primary production	0	0	1 429	1 372	1 318	1 377	1 334	1 251	1 092
Solid fossil fuels	0	0	168	121	124	121	109	56	6
Peat	0	0	0	0	0	0	0	0	0
Oil shale and oil sands	0	0	0 49	0 44	0 41	0 40	0 32	0 31	36
Crude oil & other hydrocarbons  Natural gas	0	0	49	8	9	40 5		9	8
Nuclear heat	0	0	0	0	0	0	0	0	0
Renewable energies	0	0	1 208	1 199	1 144	1 211	1 185	1 156	1 042
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Net imports	0	0	2 824	3 153	3 463	3 543	3 642	3 752	4 118
Solid fossil fuels	0	0	154	167	151	165	182	267	254
Crude oil	0	0	-58	-42	-20	25	54	-7	9
Gas/Diesel Oil (w/o bio)	0	0	487	539	606	670	574	569	562
Motor Gasoline (w/o bio)	0	0	393	392	462	605	560	574	572
Naphtha	0	0	0	0	0	0	0	0	0
All other oil & notroloum products	0	0	19 1 022	20 1 090	16 1 243	14 1 442	17 1 343	23 1 370	31 1 436
All other oil & petroleum products  Natural gas	0	0	1 645	1 875	2 066	1 945	2 048	2 037	2 309
Transformation input	0	0	1 126	1 200	1 278	1 408	1 541	1 310	1 386
Electricity & heat generation	0	0	1 126	1 200	1 264	1 245	1 253	1 286	1 348
Refinery intake	0	0	0	0	14	26	25	24	38
Coke ovens	0	0	0	0	0	0	0	0	0
Blast furnaces	0	0	0	0	0	0	0	0	0
Transformation output	0	0	865	892	943	1 164	1 289	1 066	1 055
Electricity & heat generation	0	0	865	892	931	995	992	1 045	1 020
Refinery output	0	0	0	0	12	27	24	22	36
Coke ovens Blast furnaces	0	0	0	0	0	0	0	0	0
Energy sector	0	0	19	21	22	20	20	21	23
Distribution losses	0	0	150	130	171	182	160	172	156
Available for final consumption	0	0	3 730	3 981	4 163	4 400	4 462	4 414	4 592
Solid fossil fuels	0	0	315	290	271	250	276	294	241
Manufactured gases	0	0	0	0	0	0	0	0	0
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)	0	0	473	528	616	662	598	559	597
Motor Gasoline (w/o bio)	0	0	401	400	445	627	564	567	578
Naphtha LPG	0	0	0 19	0 20	0 20	0 18	2 18	0 23	30
All other oil & petroleum products	0	0	984	1 046	1 194	1 436	1 304	1 268	1 379
Natural gas	0	0	1 156	1 324	1 430	1 407	1 536	1 537	1 670
Primary solid biofuels & charcoal	0	0	481	465	398	386	363	271	245
Liquid biofuels	0	0	0	0	0	0	0	0	0
All other renewable energies	0	0	495	480	415	405	382	290	265
Non-renewable wastes	0	0	0	0	0	0	0	0	0
Electricity	0	0	780	841	852	902	964	1 026	1 037
Heat	0	0	0	0	0	0	0	0	0
Statistical difference	0	0	0	-46	-1	5	5	1	0
Final non-energy consumption	0	0	303	311	329	298	322	343	415
Final energy consumption Industry	0	0	3 426 653	3 716 678	3 835 692	4 097 679	4 135 759	4 070 784	4 176 732
Transport	0	0	1 111	1 256	1 365	1 524	1 384	1 353	1 404
Other sectors	0	0	1 662	1 782	1 777	1 894	1 992	1 934	2 040
Services	0	0	352	433	403	434	453	515	536
		-				1 266			

2030 indicators	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross inland consumption	0	0	4 248	4 523	4 762	4 921	4 992	4 957	5 205
Primary energy consumption	0	0	3 945	4 211	4 432	4 622	4 670	4 614	4 790
Final energy consumption	0	0	3 515	3 799	3 906	4 170	4 233	4 176	4 280

Source: Eurostat (nrg\_bal\_c)

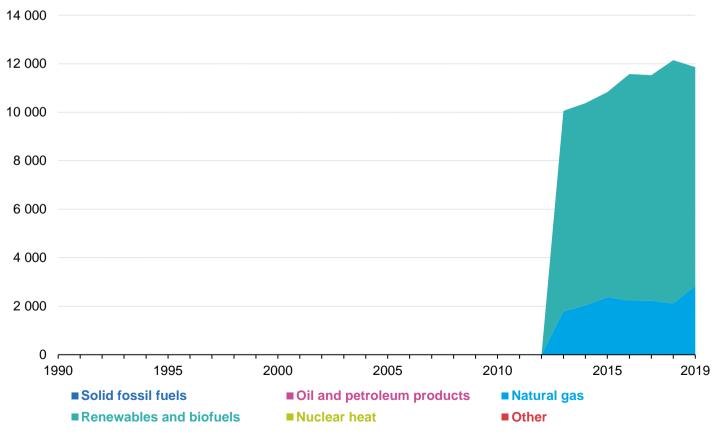
# Georgia

### Gross available energy by fuel, ktoe



Source: Eurostat (nrg\_bal\_c)

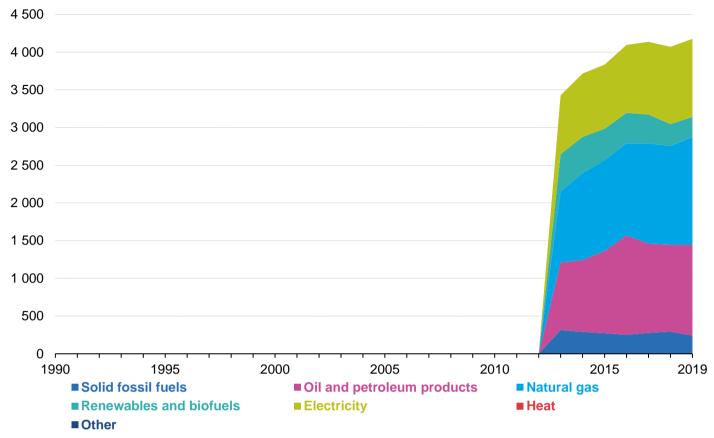
### Gross electricity production by fuel, GWh



Source: Eurostat (nrg\_bal\_c)

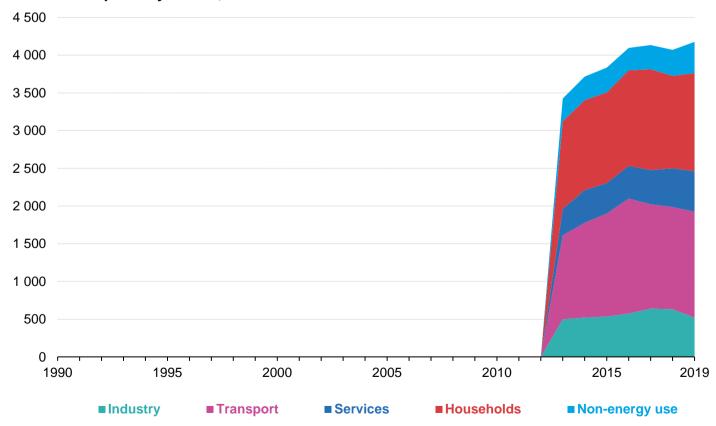
## Georgia

### Final energy consumption by fuel, ktoe



Source: Eurostat (nrg\_bal\_c)

### Final consumption by sector, ktoe



Source: Eurostat (nrg\_bal\_c)

**Gross electricity production** 

Georgia

GWh	2014	2015	2016	2017	2018	2019	2020P
Total	10 371	10 833	11 574	11 531	12 149	11 857	11 160 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	16	25	12	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	16	25	12	0	0 P

Source: Eurostat (nrg\_ind\_pehcf)

Natural gas and manufactured gases

GWh	2014	2015	2016	2017	2018	2019	2020P
Natural gas	2 036	2 379	2 220	2 208	2 103	2 840	2 821 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	2 036	2 379	2 220	2 208	2 103	2 840	2 821 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	0	0	0	0	0	0	0 P
Fuel oil	0	0	0	0	0	0	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	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	8 335	8 454	9 329	9 210	9 949	8 932	8 248 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	0	9	88	84	85	91 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	0	0	0	0	0	0	0 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	0	0	0	0	0	0	0 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	8 335	8 454	9 338	9 298	10 034	9 016	8 339 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	4	3	3	7	6	7	7 P
Coking coal	0	0	0	0	0	0	0 P
Other bituminous coal	122	118	92	138	219	238	174 P
Sub-bituminous coal	0	0	0	0	0	0	0 P
Lignite	296	303	287	264	138	4	84 P
Coke oven coke	135	109	126	140	159	133	96 P
Patent fuel	1	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

Source: Eurostat (nrg\_cb\_sff)

Natural gas and manufactured gases - Inland consumption

TJ (GCV)	2014	2015	2016	2017	2018	2019	2020P
Natural gas	87 634	96 539	90 756	95 596	95 147	107 804	101 391 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		10	133	43	60	2	9	4 P
Refinery intake		0	14	21	30	24	38	38 P

Source: Eurostat (nrg\_cb\_oil)

**Oil products** 

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	1 120	1 346	1 507	1 530	1 451	1 424	1 350 P
Export	15	112	21	48	105	24	17 P
Total refinery output	0	12	27	24	22	37	37 P
Gas oil and diesel oil	0	5	9	10	10	15	12 P
Motor gasoline	0	0	7	2	1	1	10 P
Fuel oil	0	5	8	9	9	16	12 P
Naphtha	0	0	3	3	3	4	3 P
Kerosene-type jet fuel	0	0	0	0	0	0	0 P
All other oil products	0	2	0	0	0	0	1 P

Source: Eurostat (nrg\_cb\_oil)

**Biofuels - Inland consumption** 

	2014	2015	2016	2017	2018	2019	2020P
Primary solid biofuels [TJ]	19 470	16 672	16 177	15 211	11 331	10 269	10 020 E
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	0	0	0	0	0	0	0 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	627	675	726	740	752	760	761 E
Solar thermal	77	99	128	128	129	130	130 E
Ambinet heat (heat pumps)	0	0	0	0	0	0	0 P

Source: Eurostat (nrg\_cb\_rw)