Printence products	Malta 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
Imports	+ Primary production			Z	0.0		0.0						
Paper 1977 0.01													
Content processes 16.5 6.0 6.0 6.0 6.0 7.5 6.0 7.5 7		377.2	0.0	0.0	0.0	0.0	374.6	0.0	0.9	0.0	Z	0.0	1.8
International contents between 2.504 C.O. C	- ŭ												
International autonome 14.6 7	•												
Treatment Trea	= Gross inland consumption												54.7
Transferration lineary 1946 20													
Conceived Conc	Transformation input	345.4	0.0	0.0	0.0	0.0	9.8	305.6	30.0	0.0	0.0	0.0	0.0
## ## ## ## ## ## ## #	, ,												
Figure 1													<u>Z</u>
Peter to pipers										Z			Z
BOR A. PRÉJANTES D. C. Z. Z. D. D. D. D. Z.													Z
FOR SERVICE AND PRINTED FOR SERVICE AND	+ BKB & PB plants	0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	Z	Z
Liquid Number Seminary 11.1 Z													
General content process 0.0 2 2 2 2 2 2 2 2 2													
Receive the proposed 0.0													
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### Hister frances ### Class works ### Class	· ·												
## Refurence & percentence 0.0	-												
Peter Net Papers	+ Gas works	0.0	0.0	0.0	Z	Z	Z	Z	Z	Z	Z	Z	Z
### SPERIMENT *** CORP 1.0													
Coal Registration plants													Z
- L'Augus diotandes benédied 111 Z Z Z Z Z Z Z Z	·												Z
Characol production plants													
Pote Interesher specified		0.0	Z	Z	Z	Z	Z	Z	0.0	Z	Z	Z	Z
Ferrigo sector													
Coal mines 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2 Z 0.0 0.0 0.0 2 Z 0.0 <td></td>													
FOR Anstural gas extraction plants													
Patent fuel plantes													
## BKB & PS plants ## Coas works ## Coas w		0.0	0.0	0.0	0.0	0.0	Z	Z	0.0	0.0	Z	0.0	0.0
Foss works 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0													
# Petroleum refineries (oil refineries)													
+ Nuclear industry													
+ Coal liquerfaction plants 0.0 0.0 0.0 0.0 0.0 0.0 2 Z Z Z Z 2 0.0 0.0 + Classification plants 0.0 0 2 Z Z Z Z Z Z Z Z Z													
+ Gast-Cellering Plants to blogas	,								Z	Z	Z		
+ Gast-ole (judis (GTL) plants 0.0 Z Z Z Z Z Z Z Z Z	. Oneification aloute for binary		7					0.0					
+ Not-Resember specified (energy) 0.2 0.0								0.0					
Distribution losses 13.9 0.0 0.0 0.0 0.0 0.0 0.3 0.0 0.0 Z 0.0 13.6 Available for final consumption 563.4 0.0 0.0 0.0 0.0 0.0 316.8 0.3 31.9 0.0 0.0 0.0 0.0 214.4 Final non-energy consumption 547.5 0.0 0.0 0.0 0.0 0.0 0.0 301.3 0.0 31.9 0.0 0.0 0.0 214.4 Final energy consumption 547.5 0.0 0.0 0.0 0.0 0.0 0.0 301.3 0.0 31.9 0.0 Z 0.0 0.14.7 170 17													
Available for final consumption 563.4 0.0 0.0 0.0 0.0 316.8 0.3 31.9 0.0 0.0 0.0 214.4 Final non-energy consumption 5.55 0.0 0.0 0.0 0.0 0.0 301.3 0.0 31.9 0.0 2 0.0 214.4 Holustry 54.6 0.0 0.0 0.0 0.0 0.0 2.9 0.0 0.0 0.0 0.0 2.0 0.14.4 Holustry 54.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 + Iron & steel 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 + Chemical & petrochemical 4.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 + Non-ferrous metals 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 + Non-metallic minerals 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 + Transport equipment 1.8 0.0													
Final energy consumption 547.5 0.0 0.0 0.0 0.0 301.3 0.0 31.9 0.0 Z 0.0 214.4	Available for final consumption	563.4	0.0	0.0	0.0	0.0	316.8	0.3	31.9	0.0	0.0	0.0	
+Industry													
+ Chemical & petrochemical													
+ Non-ferrous metals													
+ Non-metallic minerals													
Hachinery	+ Non-metallic minerals	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Z	0.0	0.5
+ Mining & quarrying													
+ Paper, pulp & printing 2.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2 0.0 2.4 + Wood & wood products 0.2 0.0													
+ Wood & wood products	Ü												
+ Construction 3.5 0.0 0.0 0.0 0.0 1.0 0.0 0.0 0.0 0.0 2 0.0 2.5 + Textile & leather 2.6 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0													
+ Not elsewhere specified (industry)	+ Construction	3.5	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	Z	0.0	2.5
+ Transport 252.3 0.0 0.0 0.0 0.0 241.3 0.0 10.9 0.0 Z Z 0.1 + Rail 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Z Z 0.0 0.0													
+ Road 243.2 Z D.0 <													
+ Domestic aviation 0.6 Z Z Z Z Z Z Z Z Z													
+ Domestic navigation 8.5 0.0 0.0 0.0 0.0 0.0 8.5 Z 0.1 0.0 Z Z Z Z Pipeline transport 0.0 Z Z Z Z Z 0.0 0.0 0.0 0.0 0.0 Z Z Z Z													
+ Not elsewhere specified (transport 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	+ Domestic navigation	8.5	0.0	0.0	0.0	0.0	8.5	Z	0.1	0.0	Z	Z	Z
+ Other 240.6 0.0 0.0 0.0 0.0 47.0 0.0 21.0 0.0 Z 0.0 172.5 + Commercial & public services 130.1 0.0 0.0 0.0 0.0 24.9 0.0 6.8 0.0 Z 0.0 98.4 + Households 101.2 0.0 0.0 0.0 0.0 15.7 0.0 14.0 0.0 Z 0.0 71.4 + Agriculture & forestry 5.2 0.0 0.0 0.0 0.0 4.2 0.0 0.2 0.0 Z 0.0 71.4 + Fishing 2.4 0.0 0.0 0.0 0.0 2.2 0.0 0.0 2 0.0 0.0 2 0.0 0.2 + Not elsewhere specified (other) 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0													
+ Commercial & public services 130.1 0.0 0.0 0.0 0.0 0.0 24.9 0.0 6.8 0.0 Z 0.0 98.4 + Households 101.2 0.0 0.0 0.0 0.0 15.7 0.0 14.0 0.0 Z 0.0 71.4 + Agriculture & forestry 5.2 0.0 0.0 0.0 0.0 0.0 4.2 0.0 0.2 0.0 Z 0.0 0.8 + Fishing 2.4 0.0 0.0 0.0 0.0 0.0 2.2 0.0 0.0 Z 0.0 0.2 + Not elsewhere specified (other) 1.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0													
+ Agriculture & forestry 5.2 0.0 0.0 0.0 0.0 4.2 0.0 0.2 0.0 Z 0.0 0.8 + Fishing 2.4 0.0 0.0 0.0 0.0 2.2 0.0 0.0 0.0 2 0.0 0.0 2 0.0 0.0 2 0.0 0.0 0.0 0.2 0.0	+ Commercial & public services	130.1	0.0	0.0	0.0	0.0	24.9	0.0	6.8	0.0	Z	0.0	98.4
+ Fishing 2.4 0.0 0.0 0.0 0.0 2.2 0.0 0.0 0.0 0.2 + Not elsewhere specified (other) 1.8 0.0													
Statistical differences 0.3 0.0	+ Fishing	2.4	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	Z	0.0	0.2
Gross electricity production 178.5 0.0 0.0 0.0 0.0 2.6 157.2 18.8 0.0 0.0 Z Z Gross heat production 0.0 <td></td>													
Gross heat production 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.													

Source: Eurostat (nrg_bal_c)

eurostat

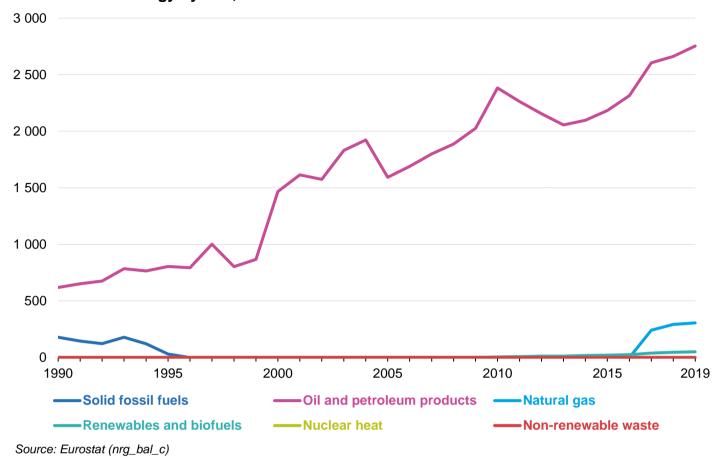
Malta	ktoe									
Waita	2011	2012	2013	2014	2015	2016	2017	2018	2019	
Gross available energy	2 271	2 166	2 069	2 116	2 295	2 470	2 959	3 054	3 165	
Solid fossil fuels	0	0	0	0	0	0	0	0	0	
Peat & peat products	0	0	0	0	0	0	0	0	0	
Oil shale & oil sands	0	0	0	0	0	0	0	0	0	
Crude oil & other hydrocarbons Petroleum products	2 263	2 155	2 056	2 097	2 183	2 315	2 604	2 662	2 754	
Natural gas	0	0	0	0	0	0	242	293	306	
Nuclear heat	0	0	0	0	0	0	0	0	0	
Renewable energies	8	12	13	19	21	25	39	46	51	
Non-renewable wastes	0	0	0	0	0	0	0	0	0	
Primary production	6	9	9	13	16	19	31	34	38	
Solid fossil fuels	0	0	0	0	0	0	0	0	0	
Peat	0	0	0	0	0	0	0	0	0	
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 Nuclear heat	0	0	0	0	0	0	0	0	0	
Renewable energies	6	9	9	13	16	19	31	34	38	
Non-renewable wastes	0	0	0	0	0	0	0	0	0	
Net imports	2 300	2 187	2 154	2 066	2 232	2 497	3 050	2 978	3 076	
Solid fossil fuels	0	0	0	0	0	0	0	0	0	
Crude oil	0	0	0	0	0	0	0	0	0	
Gas/Diesel Oil (w/o bio)	429	419	395	391	425	440	582	462	606	
Motor Gasoline (w/o bio)	84	66	75	80	79	72	87	81	78	
Naphtha	0	0	0	0	0	0	0	0	0	
LPG	23	25	24	24	25	19	26	30	28	
All other oil & petroleum products	2 298	2 184	2 151	2 061	2 136	2 357	2 713	2 593	2 692	
Natural gas	0	0	<u>0</u>	<u>0</u>	0 277	100	254	321	317	
Transformation input Electricity & heat generation	594 593	631 629	518 516	512 508	272	190 184	305 298	325 315	345 334	
Refinery intake	0	029	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	
Transformation output	188	199	195	197	117	79	149	179	190	
Electricity & heat generation	187	197	194	193	112	74	142	169	179	
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	11	10	10	9	6	4	4	5	5	
Distribution losses Available for final consumption	16 399	19 420	16 428	11 445	15 461	19 461	<u>22</u> 503	13 527	14	
Solid fossil fuels	399	<u>420</u>	<u>428</u>	445 0	<u>461</u>	<u>461</u>	0	<u>527</u>	563 0	
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)	118	121	137	145	149	153	154	166	180	
Motor Gasoline (w/o bio)	75	75	74	75	78	79	80	81	85	
Naphtha	0	0	0	0	0	0	0	0	0	
LPG	23	24	23	23	25	18	29	28	29	
All other oil & petroleum products	232	243	251	260	267	266	279	293	317	
Natural gas	0	0	0	0	0	0	0	0	0	
Primary solid biofuels & charcoal	1 2	<u>1</u> 3	1 4	<u> </u>	1 5	1 6	1 	1 10	11	
Liquid biofuels All other renewable energies	7	9	9	12	12	13	24	28	32	
Non-renewable wastes	0	0	0	0	0	0	0	0	0	
Electricity	160	167	168	172	182	182	199	205	214	
Heat	0	0	0	0	0	0	0	0	0	
Statistical difference	2	2	0	4	-8	-7	0	0	0	
Final non-energy consumption	9	11	7	5	6	9	10	12	16	
Final energy consumption	388	407	421	436	462	459	492	515	548	
Industry	40	44	52	55	55	55	57	56	55	
Transport	183	181	184	188	200	200	207	231	252	
Other sectors	165	182	185	192	207	204	228	228	241	
Services	88	100	104	111	121	118	128	126	130	
Households	69	72	74	74	80	78	91	93	101	

2030 indicators	2011	2012	2013	2014	2015	2016	2017	2018	2019
Gross inland consumption	937	981	882	892	758	719	815	836	890
Primary energy consumption	928	971	875	887	752	710	805	824	874
Final energy consumption	493	507	526	548	578	583	622	661	699

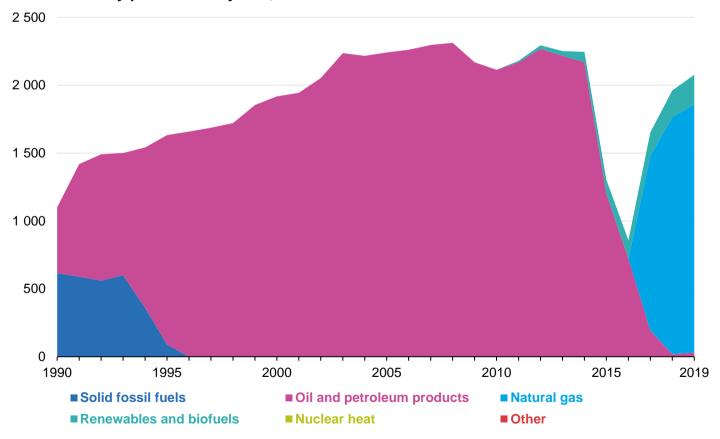
Source: Eurostat (nrg_bal_c)

Malta

Gross available energy by fuel, ktoe



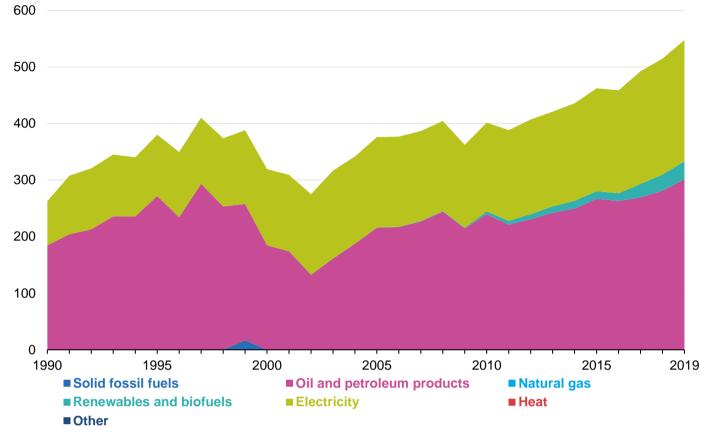
Gross electricity production by fuel, GWh



Source: Eurostat (nrg_bal_c)

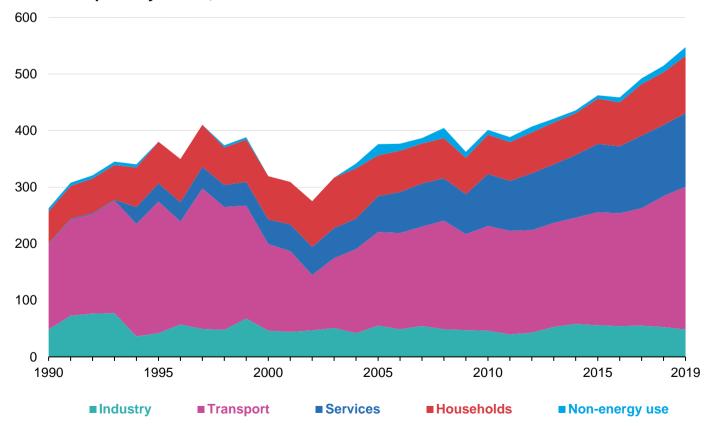
Malta

Final energy consumption by fuel, ktoe



Source: Eurostat (nrg_bal_c)

Final consumption by sector, ktoe



Source: Eurostat (nrg_bal_c)

Gross electricity production

Malta

GWh	2014	2015	2016	2017	2018	2019	2020P
Total	2 245	1 305	857	1 652	1 961	2 076	2 139 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	0	0	0	1 287	1 745	1 828	1 841 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	0	0	0	1 287	1 745	1 828	1 841 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	253	83	3	18	18	30	60 P
Fuel oil	1 917	1 120	718	175	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	2 170	1 203	721	193	18	30	60 P

Source: Eurostat (nrg_ind_pehcf)

Renewables and biofuels

GWh	2014	2015	2016	2017	2018	2019	2020P
Hydro	0	0	0	0	0	0	0 P
Geothermal	0	0	0	0	0	0	0 P
Wind	0	0	0	0	0	0	0 P
Solar thermal	0	0	0	0	0	0	0 P
Solar photovoltaic	68	95	128	162	189	212	233 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	7	7	8	10	9	6	6 P
Renewable municipal waste	0	0	0	0	0	0	0 P
Sub-total	75	102	136	172	198	218	239 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	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

Source: Eurostat (nrg_cb_sff)

Natural gas and manufactured gases - Inland consumption

TJ (0	GCV) 2014		2015	2016		2017	2018	2019	2020P
Natural gas		0	0		0	11 245	13 627	14 245	14 805 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 gase	es	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	0	0	0	0	0	0	0 P

Source: Eurostat (nrg_cb_oil)

Oil products

kt	2014	2015	2016	2017	2018	2019	2020P
Imports	2 302	2 719	2 690	2 928	3 014	3 133	2 793 P
Export	206	532	273	152	354	382	215 P
Total refinery output	0	0	0	0	0	0	0 P
Gas oil and diesel oil	0	0	0	0	0	0	0 P
Motor gasoline	0	0	0	0	0	0	0 P
Fuel oil	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
All other oil products	0	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]	45	48	46	57	56	70	53 P
Charcoal [kt]	0	0	0	0	0	0	0 P
Biogases [TJ]	73	77	80	77	69	69	56 P
Pure biogasoline [kt]	0	0	0	0	0	0	0 P
Pure biodiesels [kt]	6	5	6	8	10	11	14 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	194	201	207	209	211	212	214 P
Ambinet heat (heat pumps)	0	0	0	398	463	550	601 P

Source: Eurostat (nrg_cb_rw)