

NIR 2024, Annex 4

Energy balance 2022

Table A4.1: Oil products. 2022 in kt

SUPPLY OF OIL PRODUCTS 2022	Total motor gasoline			Aviation gasoline	Kerosene type jet fuel			Total gas/diesel oil		
		Bio- gasoline	Non bio- gasoline			Road diesel	Heating and other gas oil		Biodiesel	Non-bio gas/diesel oil
Primary product receipts	0	0	0	0	0	81.515	0	81.515	81.515	0
Imports (Balance)	561.456	10.349	551.107	0.531	338.477	3178.457	277.669	3456.126	0	3456.126
Exports (Balance)	161.174	0.216	160.958	0.011	320.688	1666.262	128.028	1794.29	0	1794.29
International marine bunkers	0	0	0	0	0	0	0	0	0	0
Stock changes	21.649	0.003	21.646	0	3.566	-13.644	24.187	10.543	0	10.543
Opening stock level	160.186	1.067	159.119	0	36.239	404.396	36.379	440.775	0	440.775
Closing stock level	138.537	1.064	137.473	0	32.673	418.04	12.192	430.232	0	430.232
Gross inland deliveries	421.931	10.136	411.795	0.52	21.355	1580.066	173.828	1753.894	81.515	1672.379
Net calorific value - average (kJ/kg)	43.437	26.647	43.850	43.000	43.539	42.323	42.600	42.361	37.452	42.600

SUPPLY OF OIL PRODUCTS 2021	Total fuel oil			LPG	White spirit and SBP	Lubricant s	Bitumen	Other kerosene	Petroleum coke	Other oil products
		Fuel oil- high sulphur ($\geq 1\%$)	Fuel oil- low sulphur ($< 1\%$)							
Imports (Balance)	4.283	0	4.283	85.542	2.258	18.876	94.461	0.109	56.98	1.25
Exports (Balance)	4.283	0	4.283	4.733	0.04	9.108	0	0	3.624	0.977
International marine bunkers	0	0	0	0	0	0	0	0	0	0
Stock changes	0	0	0	-0.696	0.042	-0.163	0	-0.011	1.62	-0.165
Opening stock level	0	0	0	17.999	0.132	4.55	0	0.117	8.583	1.356
Closing stock level	0	0	0	18.695	0.09	4.713	0	0.128	6.963	1.521
Gross inland deliveries	0	0	0	80.113	2.26	9.605	94.461	0.098	54.976	0.108
Net calorific value - average (MJ/t)	41.040	0	41.040	46.040	43.210	42.140	36.000	43.210	31.601	34.000

Table A4.2: Solid fuels, 2022 in kt.

SOLID FUELS 2021	Other bituminous coal	Sub- bituminous coal	Lignite	Coke - Oven coke
Indigenous production			2,357.974	
Net calorific value – production (MJ/t)			11.612	
Total imports (Balance)	5.177	435.977		25.327
Net calorific value - import (MJ/t)	27.545	18.123		30.274
Total exports (Balance)				
Net calorific value - export (MJ/t)				
Stock changes	0.235	-126.097	-226.276	-0.797
Inland consumption - Calculated	5.412	309.880	2,131.686	26.124

Table A4.3: Natural gas, 2022 in Sm³ and TJ.

NATURAL GAS 2021	Million m3 (at 15°C. 760 mm Hg)	TJ (GCV)	Average GCV (MJ/m³)	Average NCV (MJ/m³)
Indigenous production	4.314	172.021	39.875	35.888
Imports (Balance)	835.300	31,626.129	37.862	34.076
Export (Balance)	-	-	-	-
Inland consumption	839.614	31,798.150	37.872	34.085
Statistical difference	-6.880	-258.876		
Inland consumption	846.494	32,057.026	37.872	34.085

Table A4.4: Supply of other fuels including biomass, 2022 in TJ (NCV).

	Industrial waste	Solid biofuels	Fuel-wood. wood residues and by-products	Other vegetal materials and residues	Industrial waste – renewable part	Biogases	Landfill gas	Sewage sludge gas	Other biogases from anaerobic fermentation
Indigenous production	2,253.326	22,117.516	21,942.668	39.644	135.204	1,025.349	55.688	51.458	918.203

Table A4.5: Consistency of data reported in the NIR (RA) and statistical data (EB) for 2022.

FUEL TYPES			Apparent consumption from RA (TJ)	Apparent consumption from EB (TJ)	Absolute difference (TJ)	Relative difference %	Explanations for differences
Liquid fossil	Secondary fuels	Gasoline	18,057.2	18,057.2	0.0	0.0%	
		Jet kerosene	71.3	929.8	-858.5	-1204.1%	international bunkers
		Other kerosene	4.2	4.2	0.0	0.0%	
		Gas/diesel oil	71,243.3	71,243.3	0.0	0.0%	
		Residual fuel oil	NO	NO			
		LPG	3,689.2	3,689.2	0.0	0.0%	
		Bitumen	3,797.3	3,400.6	396.7	10.4%	different NCV
		Lubricants	386.1	404.8	-18.7	-4.8%	different NCV
		Petroleum coke	1,737.3	1,737.3	0.0	0.0%	
		Other oil	3.7	3.7	0.0	0.0%	
	Other liquid fossil		120.3	120.0	0.3	0.2%	different NCV
Liquid fossil total			99.109,9	99.590,1	-480.2	-0.5%	
Solid fossil	Primary fuels	Anthracite	NO	NO			
		Coking coal	NO	NO			
		Other bituminous coal	149.1	149.1	0.0	0.0%	
		Sub-bituminous coal	5,616.0	5,616.0	0.0	0.0%	
		Lignite	24,753.3	24,753.3	0.0	0.0%	
	Secondary fuels	Coke oven/gas coke	790.9	790.9	0.0	0.0%	
Solid fossil totals			31.309,3	31.309,3	0.0	0.0%	
Gaseous fossil			28,618.6	28,618.6	0.0	0.0%	
Other	Waste (non-biomass fraction)		2,253.3	2,253.3	0.0	0.0%	
Total			161,291.1	161,771.3	-480.2	-0.3%	