

Detail of Energy Consumption within Logoplaste

	2020	2021	2022	2023	2024	2024 vs 2023 (%)
LOGOPLASTE PLANTS	Energy (GJ)	Energy (GJ)	Energy (GJ)	Energy (GJ)	Energy (GJ)	
Total electricity purchased for consumption:	1 327 191	1 289 582	1 374 852	1 435 839	1 464 595	2%
Electrical grid - brown electricity	1 096 618	908 619	863 361	826 671	728 722	-12%
Electrical grid - 100% green electricity	127 148	276 787	400 851	493 691	619 298	25%
CHP systems (natural gas)	101 766	102 762	107 729	112 099	109 113	-3%
Photovoltaic panels	1 660	1 414	2 913	3 378	7 462	121%
Total electricity self-generated and self-consumed from renewable sources:	2 263	2 894	3 688	6 238	4 956	-21%
Photovoltaic panels	2 263	2 894	3 688	6 238	4 956	-21%
Total fuel consumption from non-renewable sources:	38 066	35 797	52 622	54 007	65 825	22%
Natural gas - heating, machinery	25 904	23 865	39 957	42 157	53 641	27%
LPG - forklifts	3 422	3 914	3 928	3 652	3 887	6%
Red diesel consumption - forklifts	114	83	359	36	16	-54%
Diesel - company trucks	8598	7912	8 342	8 121	8 160	0.5%
Petrol	29	23	36	41	120	192%
TOTAL	1 367 521	1 328 274	1 431 162	1 496 084	1 535 376	3%

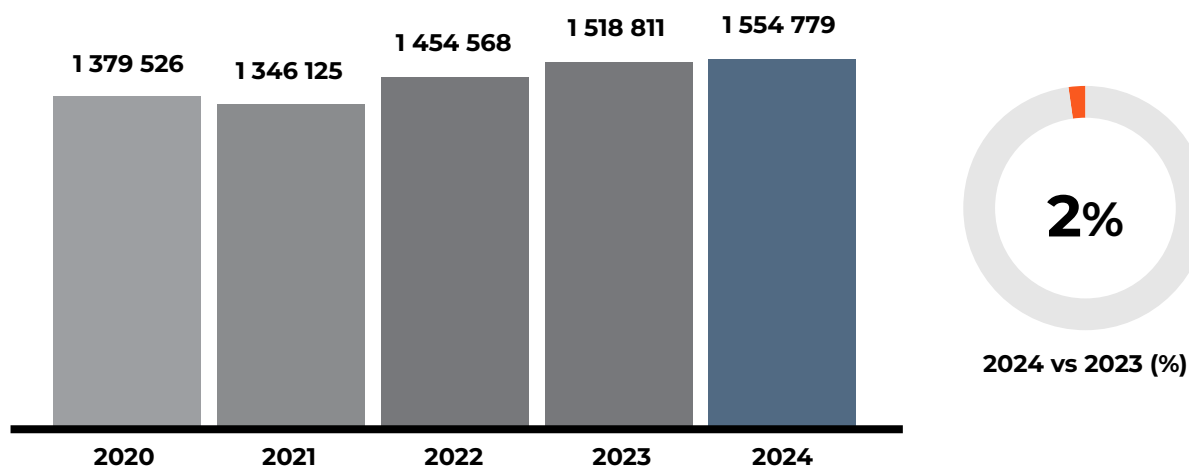
*GJ - Gigajoules

Energy Consumption within Logoplaste

	2020	2021	2022	2023	2024	2024 vs 2023 (%)
CORPORATE OFFICES	Energy (GJ)	Energy (GJ)	Energy (GJ)	Energy (GJ)	Energy (GJ)	
Total electricity consumption:	4 307	10 256	13 690	11 343	8 783	-23%
Electrical Grid - brown electricity	4 307	10 256	10 542	6 021	3 321	-45%
Electrical Grid - 100% green electricity	0	0	3 148	5 322	5 462	3%
Total electricity self-generated from renewable sources:	494	462	324	342	731	114%
Photovoltaic panels	494	462	324	342	731	114%
Total electricity sold from renewable sources:	494	462	324	342	731	114%
Photovoltaic panels	494	462	324	342	731	114%
Total fuel consumption from non-renewable sources:	7 698	7 595	9 712	11 384	10 620	-7%
Diesel for company cars	5 648	5 105	5 927	6 161	4 399	-29%
Petrol for company cars	2 051	2 490	3 785	5 223	6 221	19%
TOTAL	12 006	17 851	23 402	22 727	19 403	-15%

*GJ - Gigajoules

Total (Logoplaste Plants and Corporate Offices)



■ ENERGY CONSUMPTION TABLE AND THE METHODOLOGICAL PROCESS

In plants where energy data was not available, data was extrapolated from similar plants (same technology and raw materials) based on raw material consumption. For corporate offices where data was not available, data was extrapolated from other offices based on number of employees.

Some plants use steam provided by the customer, but consumption is not available as there are no meters installed. Based on information provided by the customers we estimated that steam represents less than 0.4% of the total electricity consumption.

The conversion factor used to convert kWh to GJ is 0.0036, as defined by the International Energy Agency (IEA). The formula:

Energy (GJ) = Consumption (tons/year) * LHV (MJ/kg)

was used to convert fuel consumption to GJ. We used the Density and LHV (low heating value) values available in DEFRA UK conversion factors database – Fuel properties. As fuel consumption represents a small percentage of our energy consumption, we didn't apply country specific conversion factors as the impact on the final results wouldn't be significant.