

Carbon Account

Company:	L.E.G.O. S.p.A. Vicenza
Address:	Via dell'Industria, 2
City:	36100 VICENZA
Country:	ITALY
Accounting period:	1/1/2022 - 12/31/2022
Basic year:	2017
Responsible for the account:	Andrea GUGLIELMI
Certificate number:	CC-000087/IT
The account includes:	Prepresse, Printing (sheetfed), Finishing

Total quantity of delivered printed matters:	13,162 t
Total emissions of greenhouse gases (Scope 1+2+3):	23,550 t CO ₂ eq
Total energy consumption (Scope 1+2):	29,239 GJ
Waste substrate:	20%
Key figures: (Scope 1+2+3)	1,789 kg CO ₂ eq/t
Key figures: (Scope 1+2)	2,221 MJ/t

Emissions from activities	Company related	Product related	Total emissions	
Burning of fuel in stationary burning units at the company	163 t CO ₂ eq		163 t CO ₂ eq	1%
Burning of fuel in own or leased vehicles	68 t CO ₂ eq	12 t CO ₂ eq	80 t CO ₂ eq	0%
Direct emissions (Scope 1)	231 t CO ₂ eq	12 t CO ₂ eq	243 t CO ₂ eq	1%
Purchase of electricity	2,940 t CO ₂ eq		2,940 t CO ₂ eq	12%
Purchase of district heating	0 t CO ₂ eq		0 t CO ₂ eq	0%
Energy indirect emissions (Scope 2)	2,940 t CO ₂ eq		2,940 t CO ₂ eq	12%
Production of substrate		13,683 t CO ₂ eq	13,683 t CO ₂ eq	58%
Transportation of substrate (incl. upstream)		1,142 t CO ₂ eq	1,142 t CO ₂ eq	5%
Production of printing ink and varnish		1,319 t CO ₂ eq	1,319 t CO ₂ eq	6%
Production of PE- and cardboard packing		344 t CO ₂ eq	344 t CO ₂ eq	1%
Transportation of products to and from subsupplier		72 t CO ₂ eq	72 t CO ₂ eq	0%
Transportation of products to the customer		2,666 t CO ₂ eq	2,666 t CO ₂ eq	11%
Production of fountain solution and cleaning agents	19 t CO ₂ eq		19 t CO ₂ eq	0%
Production of plates and cylinders	893 t CO ₂ eq		893 t CO ₂ eq	4%
Employee's commuting to and from work (incl. upstream)	177 t CO ₂ eq		177 t CO ₂ eq	1%
Emissions from production of purchased fuel	49 t CO ₂ eq	2 t CO ₂ eq	51 t CO ₂ eq	0%
Other indirect emissions (Scope 3)	1,139 t CO₂ eq	19,229 t CO₂ eq	20,367 t CO₂ eq	86%
Total (Scope 1+ 2+3)	4,310 t CO₂ eq	19,241 t CO₂ eq	23,550 t CO₂ eq	100%