

Carbon Account

Company:	L.E.G.O. S.p.A. Vicenza
Address:	Via dell'Industria, 2
City:	36100 VICENZA
Country:	ITALY
Accounting period:	1/1/2021 - 12/31/2021
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:	14,252 t
Total emissions of greenhouse gases (Scope 1+2+3):	24,622 t CO ₂ eq
Total energy consumption (Scope 1+2):	31,373 GJ
Waste substrate:	20%
Key figures: (Scope 1+2+3)	1,728 kg CO ₂ eq/t
Key figures: (Scope 1+2)	2,201 MJ/t

Emissions from activities	Company related	Product related	Total emissions	
Burning of fuel in stationary burning units at the company	181 t CO ₂ eq		181 t CO ₂ eq	1%
Burning of fuel in own or leased vehicles	89 t CO ₂ eq	12 t CO ₂ eq	101 t CO ₂ eq	0%
Direct emissions (Scope 1)	270 t CO ₂ eq	12 t CO ₂ eq	282 t CO ₂ eq	1%
Purchase of electricity	3,058 t CO ₂ eq		3,058 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)	3,058 t CO ₂ eq		3,058 t CO ₂ eq	12%
Production of substrate		13,694 t CO ₂ eq	13,694 t CO ₂ eq	56%
Transportation of substrate (incl. upstream)		1,372 t CO ₂ eq	1,372 t CO ₂ eq	6%
Production of printing ink and varnish		677 t CO ₂ eq	677 t CO ₂ eq	3%
Production of PE- and cardboard packing		569 t CO ₂ eq	569 t CO ₂ eq	2%
Transportation of products to and from subsupplier		151 t CO ₂ eq	151 t CO ₂ eq	1%
Transportation of products to the customer		3,342 t CO ₂ eq	3,342 t CO ₂ eq	14%
Production of fountain solution and cleaning agents	19 t CO ₂ eq		19 t CO ₂ eq	0%
Production of plates and cylinders	1,211 t CO ₂ eq		1,211 t CO ₂ eq	5%
Employee's commuting to and from work (incl. upstream)	187 t CO ₂ eq		187 t CO ₂ eq	1%
Emissions from production of purchased fuel	57 t CO ₂ eq	2 t CO ₂ eq	59 t CO ₂ eq	0%
Other indirect emissions (Scope 3)	1,475 t CO₂ eq	19,807 t CO₂ eq	21,282 t CO₂ eq	86%
Total (Scope 1+ 2+3)	4,803 t CO₂ eq	19,819 t CO₂ eq	24,622 t CO₂ eq	100%