

Carbon Account

Company:	L.E.G.O. S.p.A. Vicenza
Address:	Via dell'Industria, 2
City:	36100 VICENZA
Country:	ITALY
Accounting period:	1/1/2020 - 12/31/2020
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:	12,891 t
Total emissions of greenhouse gases (Scope 1+2+3):	26,161 t CO ₂ eq
Total energy consumption (Scope 1+2):	28,438 GJ
Waste paper:	20%
Key figures: (Scope 1+2+3)	2,029 kg CO ₂ eq/t
Key figures: (Scope 1+2)	2,206 MJ/t

Emissions from activities	Company related	Product related	Total emissions	
Burning of fuel in stationary burning units at the company	172 t CO ₂ eq		172 t CO ₂ eq	1%
Burning of fuel in own or leased vehicles	39 t CO ₂ eq	12 t CO ₂ eq	51 t CO ₂ eq	0%
Direct emissions (Scope 1)	211 t CO₂ eq	12 t CO₂ eq	223 t CO₂ eq	1%
Purchase of electricity	2,819 t CO ₂ eq		2,819 t CO ₂ eq	11%
Purchase of district heating	0 t CO ₂ eq		0 t CO ₂ eq	0%
Energy indirect emissions (Scope 2)	2,819 t CO₂ eq		2,819 t CO₂ eq	11%
Production of paper and other substrate		16,191 t CO ₂ eq	16,191 t CO ₂ eq	62%
Transportation of paper and other substrate (incl. upstream)		1,680 t CO ₂ eq	1,680 t CO ₂ eq	6%
Production of printing ink and varnish		581 t CO ₂ eq	581 t CO ₂ eq	2%
Production of PE- and cardboard packing		425 t CO ₂ eq	425 t CO ₂ eq	2%
Transportation of products to and from subsupplier		144 t CO ₂ eq	144 t CO ₂ eq	1%
Transportation of products to the customer		2,820 t CO ₂ eq	2,820 t CO ₂ eq	11%
Production of fountain solution and cleaning agents	16 t CO ₂ eq		16 t CO ₂ eq	0%
Production of plates and cylinders	1,004 t CO ₂ eq		1,004 t CO ₂ eq	4%
Employee's commuting to and from work (incl. upstream)	209 t CO ₂ eq		209 t CO ₂ eq	1%
Emissions from production of purchased fuel	46 t CO ₂ eq	2 t CO ₂ eq	49 t CO ₂ eq	0%
Other indirect emissions (Scope 3)	1,275 t CO₂ eq	21,844 t CO₂ eq	23,119 t CO₂ eq	88%
Total (Scope 1+ 2+3)	4,305 t CO₂ eq	21,856 t CO₂ eq	26,161 t CO₂ eq	100%