

Carbon Account

Company: L.E.G.O. S.p.A. Lavis
Address: VIA GALILEO GALILEI 11
City: 38015 LAVIS (TRENTO)
Country: ITALY
Accounting period: 1/1/2024 - 12/31/2024
Scope 2: Location-based
Basic year: 2017
Responsible for the account: Andrea Guglielmi
Certificate number: CC-000086/IT **Non-certified account**
The account includes: Prepress, Printing (web heatset and sheetfed), finishing

Total quantity of delivered products:	27,389 t
Total emissions of greenhouse gases (Scope 1+2+3):	41,438 t CO ₂ eq
Total energy consumption (Scope 1+2):	92,266 GJ
Waste substrate:	25%
Key figures: (Scope 1+2+3)	1,513 kg CO ₂ eq/t
Key figures: (Scope 1+2)	3,369 MJ/t

Emissions from activities	Company related	Product related	Total emissions	
Burning of fuel in stationary burning units at the company	3,510 t CO ₂ eq		3,510 t CO ₂ eq	8%
Burning of fuel in own or leased vehicles	13 t CO ₂ eq	0 t CO ₂ eq	13 t CO ₂ eq	0%
Direct emissions (Scope 1)	3,523 t CO₂ eq	0 t CO₂ eq	3,523 t CO₂ eq	9%
Purchase of electricity	3,479 t CO ₂ eq		3,479 t CO ₂ eq	8%
Purchase of district heating	0 t CO ₂ eq		0 t CO ₂ eq	0%
Energy indirect emissions (Scope 2)	3,479 t CO₂ eq		3,479 t CO₂ eq	8%
Production of substrate		20,784 t CO ₂ eq	20,784 t CO ₂ eq	50%
Transportation of substrate (incl. upstream)		4,241 t CO ₂ eq	4,241 t CO ₂ eq	10%
Production of printing ink and varnish		1,665 t CO ₂ eq	1,665 t CO ₂ eq	4%
Production of PE- and cardboard packing		736 t CO ₂ eq	736 t CO ₂ eq	2%
Tranportation of products to and from subsupplier		128 t CO ₂ eq	128 t CO ₂ eq	0%
Transportation of products to the customer		2,931 t CO ₂ eq	2,931 t CO ₂ eq	7%
Production of fountain solution and cleaning agents	42 t CO ₂ eq		42 t CO ₂ eq	0%
Production of plates and cylinders	2,802 t CO ₂ eq		2,802 t CO ₂ eq	7%
Employee's commuting to and from work (incl. upstream)	221 t CO ₂ eq		221 t CO ₂ eq	1%
Emissions from production of purchased fuel	885 t CO ₂ eq	0 t CO ₂ eq	885 t CO ₂ eq	2%
Other indirect emissions (Scope 3)	3,949 t CO₂ eq	30,487 t CO₂ eq	34,436 t CO₂ eq	83%
Total (Scope 1+ 2+3)	10,951 t CO₂ eq	30,487 t CO₂ eq	41,438 t CO₂ eq	100%