

Carbon Account

Company: L.E.G.O. S.p.A. Lavis
Address: VIA GALILEO GALILEI 11
City: 38015 LAVIS (TRENTO)
Country: ITALY
Accounting period: 1/1/2023 - 12/31/2023
Basic year: 2017
Responsible for the account: Andrea Guglielmi
Certificate number: CC-000086/IT
The account includes: Prepress, Printing (web heatset and sheetfed), finishing

Total quantity of delivered products: **24,167 t**
 Total emissions of greenhouse gases (Scope 1+2+3): **37,462 t CO₂ eq**
 Total energy consumption (Scope 1+2): **93,647 GJ**
 Waste substrate: **28%**
 Key figures: (Scope 1+2+3) **1,550 kg CO₂ eq/t**
 Key figures: (Scope 1+2) **3,875 MJ/t**

Emissions from activities	Company related	Product related	Total emissions	
Burning of fuel in stationary burning units at the company	3,511 t CO ₂ eq		3,511 t CO ₂ eq	9%
Burning of fuel in own or leased vehicles	14 t CO ₂ eq	0 t CO ₂ eq	14 t CO ₂ eq	0%
Direct emissions (Scope 1)	3,525 t CO₂ eq	0 t CO₂ eq	3,525 t CO₂ eq	9%
Purchase of electricity	3,504 t CO ₂ eq		3,504 t CO ₂ eq	9%
Purchase of district heating	0 t CO ₂ eq		0 t CO ₂ eq	0%
Energy indirect emissions (Scope 2)	3,504 t CO₂ eq		3,504 t CO₂ eq	9%
Production of substrate		18,069 t CO ₂ eq	18,069 t CO ₂ eq	48%
Transportation of substrate (incl. upstream)		3,545 t CO ₂ eq	3,545 t CO ₂ eq	9%
Production of printing ink and varnish		1,745 t CO ₂ eq	1,745 t CO ₂ eq	5%
Production of PE- and cardboard packing		470 t CO ₂ eq	470 t CO ₂ eq	1%
Transportation of products to and from subsupplier		14 t CO ₂ eq	14 t CO ₂ eq	0%
Transportation of products to the customer		3,019 t CO ₂ eq	3,019 t CO ₂ eq	8%
Production of fountain solution and cleaning agents	50 t CO ₂ eq		50 t CO ₂ eq	0%
Production of plates and cylinders	2,758 t CO ₂ eq		2,758 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	543 t CO ₂ eq	0 t CO ₂ eq	543 t CO ₂ eq	1%
Other indirect emissions (Scope 3)	3,572 t CO₂ eq	26,861 t CO₂ eq	30,433 t CO₂ eq	81%
Total (Scope 1+ 2+3)	10,601 t CO₂ eq	26,861 t CO₂ eq	37,462 t CO₂ eq	100%