ClimateCalc

Carbon Account

Company:	L.E.G.O. S.p.A. Vicenza
Address:	Via dell'Industria, 2
City:	36100 VICENZA
Country:	ITALY
Accounting period:	1/1/2019 - 12/31/2019
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:	**11,188 t**
Total emissions of greenhouse gases (Scope 1+2+3):	**23,318 t CO_2 eq**
Total energy consumption (Scope 1+2):	**31,419 GJ**
Waste paper:	**25%**
Key figures: (Scope 1+2+3)	**2,084 kg CO_2 eq/t**
Key figures: (Scope 1+2)	**2,808 MJ/t**

Emissions from activities	Company related	Product related	Total emissions	
Burning of fuel in stationary burning units at the company	198 t CO_2 eq		**198 t CO_2 eq**	**1%**
Burning of fuel in own or leased vehicles	83 t CO_2 eq	12 t CO_2 eq	**95 t CO_2 eq**	**0%**
Direct emissions (Scope 1)	**281 t CO_2 eq**	**12 t CO_2 eq**	**293 t CO_2 eq**	**1%**
Purchase of electricity	3,765 t CO_2 eq		**3,765 t CO_2 eq**	**16%**
Purchase of district heating	0 t CO_2 eq		**0 t CO_2 eq**	**0%**
Energy indirect emissions (Scope 2)	**3,765 t CO_2 eq**		**3,765 t CO_2 eq**	**16%**
Production of paper and other substrate		12,350 t CO_2 eq	**12,350 t CO_2 eq**	**53%**
Transportation of paper and other substrate (incl. upstream)		1,588 t CO_2 eq	**1,588 t CO_2 eq**	**7%**
Production of printing ink and varnish		636 t CO_2 eq	**636 t CO_2 eq**	**3%**
Production of PE- and cardboard packing		415 t CO_2 eq	**415 t CO_2 eq**	**2%**
Tranportation of products to and from subsupplier		107 t CO_2 eq	**107 t CO_2 eq**	**0%**
Transportation of products to the customer		2,837 t CO_2 eq	**2,837 t CO_2 eq**	**12%**
Production of fountain solution and cleaning agents	17 t CO_2 eq		**17 t CO_2 eq**	**0%**
Production of plates and cylinders	1,047 t CO_2 eq		**1,047 t CO_2 eq**	**4%**
Employee's commuting to and from work (incl. upstream)	202 t CO_2 eq		**202 t CO_2 eq**	**1%**
Emissions from production of purchased fuel	60 t CO_2 eq	2 t CO_2 eq	**62 t CO_2 eq**	**0%**
Other indirect emissions (Scope 3)	**1,326 t CO_2 eq**	**17,934 t CO_2 eq**	**19,260 t CO_2 eq**	**83%**
Total (Scope 1+ 2+3)	**5,372 t CO_2 eq**	**17,946 t CO_2 eq**	**23,318 t CO_2 eq**	**100%**