ClimateCalc

Carbon Account

Company:	L.E.G.O. S.p.A. Lavis
Address:	VIA GALILEO GALILEI 11
City:	38015 LAVIS (TRENTO)
Country:	ITALY
Accounting period:	1/1/2020 - 12/31/2020
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 printed matters:	**32,328 t**
Total emissions of greenhouse gases (Scope 1+2+3):	**73,057 t CO_2 eq**
Total energy consumption (Scope 1+2):	**126,091 GJ**
Waste paper:	**27%**
Key figures: (Scope 1+2+3)	**2,260 kg CO_2 eq/t**
Key figures: (Scope 1+2)	**3,900 MJ/t**

Emissions from activities	Company related	Product related	Total emissions	
Burning of fuel in stationary burning units at the company	4,911 t CO_2 eq		**4,911 t CO_2 eq**	**7%**
Burning of fuel in own or leased vehicles	20 t CO_2 eq	12 t CO_2 eq	**32 t CO_2 eq**	**0%**
Direct emissions (Scope 1)	**4,931 t CO_2 eq**	**12 t CO_2 eq**	**4,943 t CO_2 eq**	**7%**
Purchase of electricity	4,661 t CO_2 eq		**4,661 t CO_2 eq**	**6%**
Purchase of district heating	0 t CO_2 eq		**0 t CO_2 eq**	**0%**
Energy indirect emissions (Scope 2)	**4,661 t CO_2 eq**		**4,661 t CO_2 eq**	**6%**
Production of paper and other substrate		46,802 t CO_2 eq	**46,802 t CO_2 eq**	**64%**
Transportation of paper and other substrate (incl. upstream)		6,424 t CO_2 eq	**6,424 t CO_2 eq**	**9%**
Production of printing ink and varnish		1,544 t CO_2 eq	**1,544 t CO_2 eq**	**2%**
Production of PE- and cardboard packing		652 t CO_2 eq	**652 t CO_2 eq**	**1%**
Tranportation of products to and from subsupplier		22 t CO_2 eq	**22 t CO_2 eq**	**0%**
Transportation of products to the customer		3,741 t CO_2 eq	**3,741 t CO_2 eq**	**5%**
Production of fountain solution and cleaning agents	96 t CO_2 eq		**96 t CO_2 eq**	**0%**
Production of plates and cylinders	2,924 t CO_2 eq		**2,924 t CO_2 eq**	**4%**
Employee's commuting to and from work (incl. upstream)	169 t CO_2 eq		**169 t CO_2 eq**	**0%**
Emissions from production of purchased fuel	1,075 t CO_2 eq	2 t CO_2 eq	**1,077 t CO_2 eq**	**1%**
Other indirect emissions (Scope 3)	**4,265 t CO_2 eq**	**59,188 t CO_2 eq**	**63,453 t CO_2 eq**	**87%**
Total (Scope 1+ 2+3)	**13,857 t CO_2 eq**	**59,200 t CO_2 eq**	**73,057 t CO_2 eq**	**100%**