



Environment

GRI 302-1, 302-4, 303-5, 307-1

- > Reported incidents of non-compliance with environmental laws and regulations 0
- > Results of 2019 Environmental footprint and process on goals*:

	CO ₂ (KG)	Energy (kWh)	Water (L)	Waste (KG)
Total outcome FY 2019	9,500,876	22,856,430	46,294	823,541**
Goal 2022*	-25%	-10%	-10%	-40%
Absolute reduction needed	51%	41%	64%	-15%
Reduction needed per FTE	24%	8%	43%	-80%

- > Percentage of affiliates who have achieved their absolute environmental goals: 0

Goals 2022	Achieved by affiliates (%)
Reduce energy use by 10%	44%
Reduce water use by 10%	33%
Reduce CO ₂ emissions by 25%	39%
Reduce waste production by	47%

Explanation

LC Packaging’s waste reduction target (-40%) has been largely achieved due to initiatives such as on-site recycling of process waste. However, our energy use, CO₂ emissions and water consumption have increased compared to 2016. This is largely explained by a workforce that has increased by 59% since 2016 and the construction and opening of a completely new production site in Bangladesh in 2018/2019. The reductions brought about by our initiatives to minimise water and energy use and CO₂ emissions so far do not outweigh these developments.

*In 2017, LC Packaging set 4 5-year environmental goals focused on improving its environmental footprint. Results of the 2016 environmental footprint research act as a baseline. By 2022, we want to reduce our water consumption, energy consumption, waste production and CO₂ emissions within our operations. The environmental footprint calculation includes all LC Packaging International B.V. affiliates, except LC Packaging Nordics and Hagens Verpakkingen.
** Total waste production, excluding resold/internal recycling/reused.

Water

GRI 303-5

➤ Water consumption*

Type of water	Water use (m3)
Drinking water (tap)	11,734
Rainwater	30
Ground water**	34,560
Total	46,324***

*2022 Target for annual usage is 16,828 m3. Reduction needed to achieve our 2022 goal: 64%.
**100% ground water used at our main manufacturing facility in Bangladesh.
***Large increase in water consumption due to construction and opening of new manufacturing facility in Bangladesh in 2019 and a water leak at the LC Packaging Ireland office and warehouse.

Energy and CO₂

GRI 302-1, 302-4, 305-1, 305-2

➤ Energy use related to electricity, fuel and transport*

Type	kWh
Electricity fossil	10,672,821
Electricity renewable, grid & own generation use by 10%	445,151
Fuel	10,431,932
Company-owned vehicles**	1,306,527
Total	22,856,430***

*2022 Target for annual energy usage is 13,471,745 kWh. Reduction needed to achieve our 2022 goal: 41%.

**Electric vehicles are excluded to avoid double counting the use of electricity.

***Large increase in energy consumption due to construction and opening of new manufacturing facility in Bangladesh in 2019.

➤ Renewable energy purchased/produced across all entities

4%*

*4% is renewable, of which 0.04% is self-generated (DBPL), 3.96% is from renewable electricity in our electricity grid.

➤ CO₂ emissions related to electricity, fuel and transport*

Type	KG CO ₂
Purchased electricity	7,106,128
Renewable electricity	0
Fuel	2,040,091
Company owned vehicles**	354,656
Total	9,500,876***

*2022 Target for annual CO₂ emissions is 4,615,237 KG. Reduction needed to achieve our 2022 goal: 51%.

**Electric vehicles are excluded to avoid double counting the use of electricity.

***Large increase in CO₂ emissions due to construction and opening of new manufacturing Facility in Bangladesh in 2019. Most CO₂ is emitted as a result of energy use. In addition, unlike in 2016, in 2019 we did not compensate CO₂ by planting trees in Burkina Faso.

Waste

GRI 306-2, 306-4

GRI: Sustainable Production 2019

➤ Total weight of non-hazardous and hazardous waste*

Disposal method	Non-hazardous waste (KG)	Hazardous waste (KG)
Reuse	330,343	0
Recycling	592,805	0
Composting	0	0
Recovery, including energy recovery	0	0
Incineration (mass burn)	65,644	0
Deep well injection	0	0
Landfill	1,424	0
On-site storage	0	0
Other, in-house recycling initiative**	709,230	0
Other, processing unknown	161,668	2,000
Total	1,861,114	2,000
Total waste production***	823,541	

*2022 Target for annual waste production is 947,275 KG. Goals achieved. In 2019, we reached a reduction of 82% compared to 2016!

**With our GreenBangla in-house recycling initiative, in 2019 we recycled 709,230 KG of virgin PP process waste at our FIBC production facility in Bangladesh.

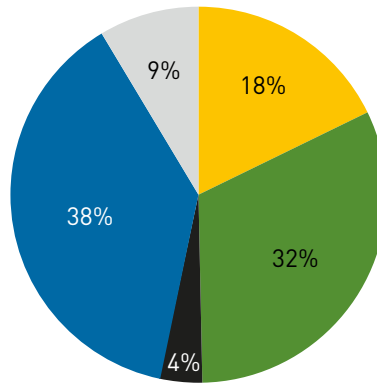
***Total waste production = waste production – (resold/internal recycling/reused)

➤ Percentage of waste per disposal method

Disposal method

- Reuse
- Recycling
- Incineration
- Landfill*
- Other, in-house recycling
- Other, processing unknown

% of total waste



*Landfill: 0.07%

➤ Total weight of hazardous waste treated (KG)	2,000
➤ Total weight of hazardous waste transported, imported or exported (KG)	0
➤ Percentage of hazardous waste shipped internationally	0%