

2021



## 2. Planet

As a logistic services provider, we have an impact on the environment at different levels: through our fleet's CO<sub>2</sub> emissions, energy consumption, employee commutes, waste production or subcontracted transport.

bpost manages and steers its environmental pillar, 'planet', using our CO<sub>2</sub> footprint as metric. In 2018, we set an ambitious objective for the Group: our goal is to achieve by 2030 a 20% reduction - compared to 2017 levels - in greenhouse gas emissions resulting from our activities. The "Science Based Targets" initiative approved this emissions reduction objective. In the second half of 2021, we defined a new group sustainability strategy and roadmap with new ambitions, KPIs and targets towards 2040. The new roadmap is set to kick off in 2022, with an ambition to reach net-zero emissions by 2040, and reduce 55% emissions by 2030 compared to 2019 in our own operations (in line with the 1.5 degree Celsius pathway).

To decrease this environmental footprint, we focus on our buildings, our fleet and our waste. In 2021, our carbon footprint in scope 1 & 2 emissions increased by 12% and in scope 3 emissions decreased by 22% vs 2017, corresponding to an overall decrease of CO<sub>2</sub> emissions of 10% (scope 1, 2 and 3). This was predominantly due to the decrease in air transport.

	UNIT	BPOSTGROUP			TREND
		2019	2020	2021	
<b>SCOPE 1</b>	<b>T CO<sub>2</sub>e</b>	<b>88,996.30</b>	<b>84,834.57</b>	<b>95,083.32</b>	
Fuel fleet	t CO <sub>2</sub> e	67,982.54	65,517.85	72,992.68	↗
Natural gas & heating oil	t CO <sub>2</sub> e	20,985.76	19,288.77	22,064.83	↗
Oil for generators	t CO <sub>2</sub> e	28.00	27.95	25.81	↘
<b>SCOPE 2</b>	<b>T CO<sub>2</sub>e</b>	<b>30,266.06</b>	<b>32,553.98</b>	<b>32,837.38</b>	
Electricity (market-based) <sup>(1)</sup>	t CO <sub>2</sub> e	29,794.00	32,054.44	32,384.26	↗
District Heating	t CO <sub>2</sub> e	472.06	499.54	453.12	↘
Scope 1 & 2	t CO <sub>2</sub> e	119,262.36	117,388.55	127,920.70	
<b>SCOPE 3</b>	<b>T CO<sub>2</sub>e</b>	<b>189,320.25</b>	<b>179,586.32</b>	<b>169,889.23</b>	
Subcontracted road transport	t CO <sub>2</sub> e	113,440.00	128,771.72	118,902.31	↘
Business travel	t CO <sub>2</sub> e	1,374.00	510.44	512.98	↗
Employee commuting	t CO <sub>2</sub> e	32,977.00	31,782.12	31,090.88	↘
Waste	t CO <sub>2</sub> e	3,932.25	4,651.60	3,287.12	↘
Subcontracted air transport <sup>(2)</sup>	t CO <sub>2</sub> e	37,597.00	13,870.44	16,095.95	↗
<b>TOTAL CO<sub>2</sub> EMISSIONS (SCOPE 1+2+3)</b>	<b>T CO<sub>2</sub>e</b>	<b>308,583</b>	<b>296,975</b>	<b>297,810</b>	↗

(1) The market-based method reflects bpost's choices in terms of electricity supply, such as the purchase of electricity from renewable energy sources. This is set out in detail in contracts between bpost and its energy suppliers.

(2) Subcontracted air transport figures for subsidiaries were excluded

Compared to 2020, we observe that our scope 1 is increasing due to a higher activity of our delivery fleet, as well as a higher natural gas consumption to heat our buildings due to a colder year in 2021. We also observe that our scope 3 is decreasing, which is mainly due to the phasing out of 2 entities from the bpostgroup, namely Imex & the Mail Group. In addition, our scope 2 remains stable. Overall, we observe that the total carbon footprint is stable compared to 2020.

### 2.1 Green fleet

PLANET - GREEN FLEET <sup>(1)</sup>	BPOST BELGIUM			SUBSIDIARIES			BPOSTGROUP		
	2019	2020	2021	2019	2020	2021	2019	2020	2021
Share of EURO 5 and EURO 6 standard [%]	98	99	99	97	100	100	98	99	99
Average van fuel use [l/km]	10	8	9	15	12	10	10	9	9
Average truck fuel use [l/km]	27	24	27	n/a	n/a	n/a	27	24	27
Share of last mile alternative fuel vehicles [%]	32	31	33	11	5	6	31	30	33

(1) The figures on Green fleet only contain bpost entities with a delivery fleet: bpost Belgium (bpost SA/NV, Euro-Sprinters, and Speos), subsidiaries (DynaGroup & Leen Menken)



An extensive and solid fleet is one of the most important assets for a postal and logistics company. bpost has one of Belgium's largest mail and package delivery fleets. However, this fleet is a large contributor to carbon emissions and air quality. Since bpost has decided to be one of the greenest logistics players where we operate, we are taking several measures to reduce our fleets' impact.

First, we are transforming our fleet by selecting vehicles with a lower-to-no carbon footprint, such as (electric) bicycles, delivery three-wheelers and electric vans.

The Mechelen Ecozone was launched in 2019; since then bpost has expanded the Ecozone to several Belgian city centres, including Namur, Leuven, Mons, the Brussels pedestrian area, Bruges, Ostend or Louvain-la-Neuve. The aim of this project is emission-free letter and parcel delivery in the city. We are trialling new ways to complete this last mile in the delivery process by installing 50 parcel locker stations for parcel pick-ups and drop-offs, using a fleet of 65 e-vans and 30 e-bikes with e-trailers. The Ecozone project won the "Environmental Achievement of the Year" award at the Parcel and Postal Technology International Awards in Vienna in October 2021.

Going forward, this ambitious project will be further rolled out to other Belgian cities, with up to 60 trailers installed at the end of 2021, and another 170 trailers will be added in 2022. Moreover, another 1200 e-vans are slated for introduction in 2022. Finally, bpostgroup has set a target of 100% zero-emission last mile delivery by 2030, and 100% of in-house truck fleet on alternative fuel by 2030.

bpost has introduced Non-Prior rubber stamps as an environmentally-friendly measure. This allows us to bundle the mail volumes more efficiently and, hence, make the delivery schedule more efficient and environmental responsible.

Also, we promote eco-driving with our own and subcontracted drivers and we encourage our employees to commute to work in a more environmentally friendly manner by structurally supporting alternative ways to come to work (including carpooling, promoting e-bikes) and/or flexible working.

## 2.2 Green buildings

PLANET - GREEN BUILDINGS	BPOST BELGIUM			SUBSIDIARIES			BPOSTGROUP		
	2019	2020	2021	2019	2020	2021	2019	2020	2021
Total energy consumption per employee [MWh/unit(s)]	5	5	5	16	15	17	7	7	7
Total energy consumption [kWh]	129,388,488	123,832,690	133,290,829	124,404,895	129,507,750	129,507,750	253,793,383	253,340,440	262,798,579
Total renewable/green electricity consumed [kWh]	64,235,857	63,964,618	59,664,506	10,086,633	8,892,209	8,362,113	74,322,490	72,856,827	68,026,619
Share of renewable electricity [%]	95	93	88	12	10	9	49	46	41
Total non-renewable/grey electricity consumed [kWh]	3,543,804	4,981,205	7,857,191	74,448,078	81,792,728	89,411,459	77,991,882	86,773,932	97,268,650
Share of non-renewable electricity [%]	5	7	12	88	90	91	51	54	59
Total natural gas consumed [kWh]	49,605,667	44,032,354	53,732,548	38,377,600	36,930,293	40,435,357	87,983,267	80,962,648	94,167,905
Total heating oil consumed [kWh]	9,250,382	8,146,277	9,311,547	1,457,108	1,602,398	1,034,489	10,707,490	9,748,675	10,346,036
Total district heating consumed [kWh]	2,680,653	2,654,043	2,654,016	-	240,000	-	2,680,653	2,894,043	2,654,016
Total fuel oil consumed for generators [kWh]	72,124	54,193	71,021	35,476	50,122	19,463	107,600	104,315	90,483
Share of renewable electricity produced [%]	7	7	10	0	2	2	3	3	4
Total renewable energy capacity installed [MWp]	4.830	6.610	7.298	0	0	0.153	4.830	6.610	7.451
Total surface of solar electricity capacity installed [m <sup>2</sup> ]	31,503	40,098	42,917	14,387	14,387	14,387	45,890	54,485	57,304
Total water consumption [m <sup>3</sup> ] <sup>(1)</sup>	149,075	136,343	139,751	356,976,131	322,891,331	140,805	357,125,206	323,027,674	280,556

(1) The 2021 water consumption has significantly reduced due to a revision of all subsidiaries water consumption.

Compared to 2020, we observe an increase of natural gas consumption due to a colder year in 2021. We also see that the production of renewable electricity is increasing, with more solar panels being installed.

bpost is making investments to reduce the environmental impact of all its operations, its buildings and facilities, all of which consume electricity, gas and water. Where electricity is concerned, bpost has been heavily investing in renewable electricity. Almost 100% of the electricity consumed in Belgium is renewable and we produce 7% of our electricity consumption ourselves. bpost has also installed banks of solar panels covering more than 42,000m<sup>2</sup> on the roofs of its buildings in Belgium. They produce 6.2 GWh of energy per year, which is 10% of bpost's total energy need and equivalent to the annual consumption of around 1,590 Belgian households.

Furthermore, bpost is working hard to decrease the energy we consume by improving the energy efficiency of our operations and facilities. We invest in relighting and more energy efficient heating projects, both in Belgium and abroad. Examples of investments are switching to LED

lighting, upgraded heat and ventilation systems, and installing sensors and timers for more efficient use of light and heating. In 2020 and 2021, the sorting centres in Charleroi, Liège, Antwerp and Ghent were equipped with LED lighting covering some 170,000m<sup>2</sup>. This cut electricity consumption for lighting at the sorting centres in Flanders and Wallonia by no less than 51% and achieved a 1,000-tonne reduction in annual CO<sub>2</sub> emissions. Additionally, the retail stores of Ubiway are exclusively powered by renewable energy, and only LED or high-pressure lighting is installed. The Ubiway headquarters has a BREEAM in-use certificate.

## 2.3 Waste management

PLANET - WASTE MANAGEMENT	BPOST BELGIUM			SUBSIDIARIES			BPOSTGROUP		
	2019	2020	2021	2018	2020	2021	2019	2020	2021
Total waste generated [t]	7,317	8,136	10,090	78,901	62,242	54,036	62,241	70,378	64,127
Total non-hazardous waste generated [t]	7,260	8,030	10,021	78,843	62,217	54,034	62,127	70,248	64,055
Recycled waste [t]	4,539	5,663	7,551	69,448	54,522	44,327	54,379	60,185	51,878
Share of recycled waste [%]	62	70	75	88	88	82	87	86	81
Residual waste incinerated for energy recovery [t]	2,721	2,368	2,471	588	276	5,467	3,246	2,644	7,938
Residual incinerated without energy recovery or land-filled [t]	-	-	-	8,807	7,419	4,240	4,499	7,419	4,240
Total Hazardous waste generated [t]	57	105	69	58	25	2	114	130	71

Compared to 2020, we observe a high share of recycled content, over 80%. Hazardous waste continues to be an extremely low amount with a decrease in 2021. In parallel, the total waste generated has decreased in 2021.

bpost is conscious of the resources we use and the waste we produce and manages these waste streams responsibly. At all our locations we sort according to the different waste streams and work together with a registered waste partner for recycling (paper, drink cartons, plastic bottles, metal) or disposal with energy recovery. In Belgium, 100% of all plastic, paper and cardboard waste is recycled and 100% of our un-sorted waste is incinerated for energy recovery. We aim to reach the same figures at our other locations.