

Planet

As a logistic services provider, we have an impact on the environment at different levels: through our fleet's CO₂ emissions, energy consumption, employee commutes, waste production or subcontracted transport.

bpost manages and steers its environmental pillar, 'planet', using our CO₂ 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. This organization aims to promote corporate climate-change-related ambitions by supporting them to set objectives in line with a global temperature increase below 2° Celsius. To decrease this environmental footprint, we focus on our buildings, our fleet and our waste.

2020, our carbon footprint in scope 1 & 2 emissions increased by 3% and in scope 3 emissions decreased by 18% vs 2017, corresponding to an overall decrease of CO₂ emissions of 11% (scope 1, 2 and 3). This was predominantly due to the decrease in employee commuting, business travel and the reduction in air transport

	UNIT	BPOST GROUP				TREND
		2017 (RESTATE ⁽¹⁾)	2018	2019	2020	
SCOPE 1	t CO₂ eq	82,826	87,848	88,996.30	84,834,57	
Fuel fleet	t CO ₂ eq	61,040	65,383	67,982.54	65,517,85	↘
Natural gas & heating oil	t CO ₂ eq	21,786	22,442	20,985.76	19,288,77	↘
Oil for generators	t CO ₂ eq	-	23	28,00	27,95	↘
SCOPE 2	t CO₂ eq	31,569	28,619	30,266.06	32,553.98	
Electricity (market-based) ⁽²⁾	t CO ₂ eq	30,938	28,156	29,794.00	32,054.44	↗
District Heating	t CO ₂ eq	631	463	472.06	499.54	↗
Scope 1 & 2	t CO₂ eq	114,395	116,467	119,262.36	117,388.55	
SCOPE 3	t CO₂ eq	218,016	192,390	189,320.25	179,586.32	
Subcontracted road transport	t CO ₂ eq	117,699	111,939	113,440.00	128,771.72	↗
Business travel	t CO ₂ eq	1,844	1,349	1,374.00	510.44	↘
Employee commuting	t CO ₂ eq	36,320	34,147	32,977.00	31,782.12	↘
Waste	t CO ₂ eq	6,694	6,011	3,932.25	4,651.60	↗
Subcontracted air transport ⁽³⁾	t CO ₂ eq	55,459	38,944	37,597.00	13,870.44	↘
TOTAL CO₂ EMISSIONS (SCOPE 1+2+3)	t CO₂ eq	332,411	308,857	308,583	296,975	↘

(1) The restated 2017 CO₂ footprint is based on 100% accounts for Radial's activity data (compared to 16.7% in 2017), and uses actual 2017 consumption for its electricity (instead of an estimation). In addition, retroactively, Ubiway data on company cars has been added.

(2) 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.

(3) Subcontracted air transport figures for subsidiaries were excluded

Green fleet

PLANET - GREEN FLEET ⁽¹⁾	BPOST GROUP			SUBSIDIARIES			BPOST GROUP		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Share of EURO 5 and EURO 6 standard [%]	96	98	99	97	97	100	96	98	99
Average van fuel use [l/km]	9	10	8	15	15	12	10	10	9
Average truck fuel use [l/km]	26	27	24	n/a	n/a	n/a	26	27	24
Share of last mile alternative fuel vehicles [%]	35	32	31	13	11	5	34	31	30

(1) The figures on Green fleet only contain bpost entities with a delivery fleet: bpost Belgium (bpost SA/NV, Europrinters, and Speos), subsidiaries (Dynamgroup).

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 a frontrunner in sustainability efforts, we are taking several measures to reduce our fleets' impact.

First of all, 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.

We set up the Mechelen Ecozone in August 2020. The aim of this pilot 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 parcel locker stations for parcel pick-ups and drop-offs, using a fleet of 65 e-vans and 18 cargo bikes.

Going forward, this ambitious project may be rolled out to other Belgian cities, with another 600 e-vans slated for introduction by 2022 and the conversion of 50% of our last-mile fleet to electric alternatives (around 3400 vehicles).

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 (incl. carpooling, promoting e-bikes) and/or flexible working.

Green buildings

PLANET - GREEN BUILDINGS	BPOST BELGIUM			SUBSIDIARIES			BPOST GROUP		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
Total energy consumption per employee [MWh/unit(s)]	5	5	5	17	16	15	8	7	7
Total energy consumption [kWh]	138,382,365	129,388,488	123,832,690	138,997,380	124,404,895	129,507,750	277,379,745	253,793,383	253,340,440
Total renewable/green electricity consumed [kWh]	67,728,515	64,235,857	63,964,618	10,548,597	10,086,633	8,892,209	78,277,112	74,322,490	72,856,827
Share of renewable electricity [%]	95	95	93	11	12	10	46	49	46
Total non-renewable/grey electricity consumed [kWh]	3,840,338	3,543,804	4,981,205	86,272,565	74,448,078	81,792,728	90,112,903	77,991,882	86,773,932
Share of non-renewable electricity [%]	5	5	7	89	88	90	54	51	54
Total natural gas consumed [kWh]	54,194,732	49,605,667	44,032,354	40,614,887	38,377,600	36,930,293	94,809,619	87,983,267	80,962,648
Total heating oil consumed [kWh]	10,110,389	9,250,382	8,146,277	1,512,050	1,457,108	1,602,398	11,622,439	10,707,490	9,748,675
Total district heating consumed [kWh]	2,470,491	2,680,653	2,654,043	-	-	240,000	2,470,491	2,680,653	2,894,043
Total fuel oil consumed for generators [kWh]	37,900	72,124	54,193	49,281	35,476	50,122	87,181	107,600	104,315
Share of renewable electricity produced [%]	5	7	7	0	0	2	2	3	3
Total renewable energy capacity installed [MWp]	4,825	4,830	6,610	0	0	0	4,825	4,830	6,610
Total surface of solar electricity capacity installed [m ²]	31,503	31,503	40,098	354	14,387	14,387	31,857	45,890	54,485
Total water consumption [m ³]	144,017	149,075	136,343	N/A	356,976.131	322,891.331	N/A	357,125.206	323,027.674

bpost is also 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. To do so, and to support our Science Based reduction Target, we have increased our surface to 40.000m² of photovoltaic cells in 2020. It is our ambition to further compensate the share of non-renewable electricity consumption of our subsidiaries.

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.

For instance, bpost Belgium has two state-of-the-art low-energy buildings in Mons and the Verviers region. Also, the new Brussels X sorting center (NBX) has 100% LED lighting. This has a massive impact, since this center is by far the biggest sorting center in Belgium, with more than 70,000 m² – the equivalent of 14 football fields. Moreover, 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.

Waste management

PLANET - WASTE MANAGEMENT	BPOST BELGIUM			SUBSIDIARIES			BPOST GROUP		
	2018	2019	2020	2018	2019	2020	2018 ⁽¹⁾	2019	2020
Total waste generated [t]	8,110	7,317	8,136	78,901	54,924	62,242	87,011	62,241	70,378
Total non-hazardous waste generated [t]	8,066	7,260	8,030	78,843	54,867	62,217	86,909	62,127	70,248
Recycled waste [t]	5,288	4,539	5,663	69,448	49,840	54,522	74,736	54,379	60,185
Share of recycled waste [%]	65	62	70	88	91	88	86	87	86
Residual waste incinerated for energy recovery [t]	2,778	2,721	2,368	588	525	276	3,366	3,246	2,644
Residual incinerated without energy recovery or land-filled [t]	-	-	-	8,807	4,499	7,419	8,807	4,499	7,419
Total Hazardous waste generated [t]	44	57	105	58	57	25	102	114	130

(1) A restatement of 2018 waste activity data has occurred for the subsidiary Ubiway, which in turn affects the bpost Group waste figures

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 unsorted waste is incinerated for energy recovery. We aim to reach the same figures at our other locations.