

## GBBCA Environmental Performance Report Year ending December 2020



	2016	2017	2018	2019	2020
<b>Operations</b>					
Passengers (millions)	2.67	2.56	2.51	2.46	0.54
Air traffic movements	42,535	37,562	36,236	35,382	10,465
<b>Noise</b>					
Delayed flights after 21:30 hours	497	479	548	536	40
% total flights over Belfast Lough	52%	52%	51%	52%	52%
Number of noise concerns	68	33	116	88	4
Number of individuals lodging noise concerns	29	22	41	23	4
<b>Energy</b>					
Energy consumed (electricity & gas) MWh	7,604	7,261	7,281	7,052	5,842
Energy (electricity & gas) per passenger (kWh/pax)	2.85	2.84	2.90	2.87	10.75
<b>Carbon Footprint<sup>1</sup></b>					
Total scopes 1-3 (tonnes CO <sub>2</sub> e) Location-based	N/A	3,179	2,733	2,420	1,696
Per passenger (kgCO <sub>2</sub> e) Location-based	N/A	1.24	1.09	0.99	3.12
Total scopes 1-3 (tonnes CO <sub>2</sub> e) Market-based	N/A	783	897	742	585
Per passenger (kgCO <sub>2</sub> e) Market-based	N/A	0.31	0.36	0.30	1.08
<b>Waste</b>					
General waste produced <sup>2</sup> (tonnes)	314	298	308	295	84
General waste per passenger (kg/pax)	0.12	0.12	0.12	0.12	0.15
% general waste to landfill	42%	6%	2%	3%	5%
% general waste recycled / recovered	58%	94%	98%	97%	95%
<b>Water</b>					
Water consumed (m <sup>3</sup> ) <sup>3</sup>	29,524	31,340	33,294	33,786	14,727
Water consumed per passenger (m <sup>3</sup> /pax)	0.011	0.012	0.013	0.014	0.027
<b>Surface Access</b>					
% GBBCA passengers using bus services <sup>4</sup>	7.17%	7.78%	7.97%	7.95%	11.53%

### Notes:

1. Carbon Footprint data is only available from 2017 onwards. Includes emissions associated with consumption of energy and fuels, use of refrigerants, waste treatment and water use. Market-based data relates to use of 100% green source validated electricity. 2017-2019 data has been externally verified under the ACI EUROPE Airport Carbon Accreditation (ACA) programme. 2020 data has been produced internally (awaiting verification). Emissions are expressed in terms of equivalent carbon dioxide (CO<sub>2</sub>e), calculated using the UK Government conversion factors for company reporting available at: <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

2. Waste data excludes hazardous waste, Waste Electrical & Electronic Equipment (WEEE) and waste arising from construction projects.

3. Water data excludes water used for fire training purposes. Values based on actual meter readings.

4. Values based on passengers using Translink 600 service and Airporter service to/from GBBCA.