

GBBCA Environmental Performance Report¹

	2013	2014	2015	2016	2017
Noise					
Delayed flights after 21:30 hours	405	385	472	497	479
% total flights over Belfast Lough	54%	54%	53%	52%	52%
Number of noise concerns	129	91	49	68	33
Number of individuals logging noise concerns	80	38	24	29	22
Energy					
Energy consumed (electricity & gas) MWh	8,237	7,713	7,632	7,604	7,261
Energy (electricity & gas) per passenger (kWh/pax)	3.24	3.02	2.83	2.85	2.84
Carbon²					
Purchased electricity & gas (all scopes ⁴) (TCO _{2e}) ^{3 5}	3,861	3,975	3,588	3,286	2,795
Purchased electricity & gas per passenger (kgCO _{2e})/pax)	1.52	1.55	1.33	1.23	1.09
Waste					
General waste produced ⁶ (tonnes)	295	290	287	314	300
General waste per passenger (kg/pax)	0.12	0.11	0.11	0.12	0.12
% general waste to landfill	73%	66%	50%	42%	6%
% general waste recycled / recovered	27%	34%	50%	58%	94%
Water					
Water consumed (m ³) ⁷	32,992	30,003	30,495	29,524	31,340
Water consumed per passenger (m ³ /pax)	0.013	0.012	0.011	0.011	0.012
Surface Access					
% GBBCA passengers using bus services ⁸	6.87%	6.87%	7.08%	7.17%	7.78%

Year ending: 31 December 2017

Notes:

1. This report has been prepared on a voluntary basis by GBBCA and has not been externally verified.
2. For carbon footprint reporting, greenhouse gases emissions are expressed in terms of equivalent carbon dioxide (CO_{2e}).
3. Emissions of CO_{2e} for both electricity and natural gas for the years 2013-2017 have been calculated using the UK Government conversion factors for company reporting [online] Available at: <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting> [Accessed May 2018]
4. All scopes includes emissions for Well to Tank (WTT) (emissions associated with extraction, refining and transportation of the raw fuel sources prior to their combustion) for both electricity and gas, and emissions for Transmission & Distribution (T&D) (emissions associated with grid losses i.e. the energy loss that occurs in getting the electricity from power plant to the organisations that purchase it) for electricity.
5. Emissions of CO_{2e} for purchased electricity are 'gross', therefore not considering emissions savings through the purchase of electricity from renewable sources which accounted for 40% of total electricity purchased in the period Apr 2012-Mar 2013 and 100% of total electricity purchased from Apr 2013 to end 2017 (excl. Oct & Nov 2015).
6. Data excludes hazardous waste, Waste Electrical & Electronic Equipment (WEEE) and waste arising from construction projects.
7. Data excludes water used for fire training purposes. 2013 value based on consumption data provided in invoices. 2014-2017 values based on actual meter readings.
9. Values based on passengers using Translink 600 service and Airporter service to/from GBBCA.