

Belfast International Airport Environmental Performance 2023 Overview

The table below outlines 2023 environmental performance metrics against our baseline year of 2018 and the previous year of 2022. For information on our environmental policy and targets, visit our website.

Traffic	2023	2022	% Change	2018	% Change
<i>Passenger Numbers</i>	5,956,074	4,819,204	+23.5	6,285,562	-5.2
<i>Aircraft Movements</i>	47,539	38,058	+24.9	54,461	-12.7
<i>Traffic units¹</i>	6,362,724	5,204,164	+22.3	6,720,362	-5.3
Emissions	2023	2022	% Change	2018	% Change
<i>Scope 1 and 2 emissions (tCO₂e) (location based)²</i>	2,790.80	2,915.03	-4.3	3,929.07	-29.0
<i>Scope 1 and 2 emissions (tCO₂e) (market based)³</i>	2,296.31	2,451.79	-6.3	4,453.57	-48.4
<i>Scope 1 and 2 emissions (kgCO₂e/ per traffic unit) (location based)</i>	0.44	0.56	-21.4	0.58	-24.1
<i>Scope 1 and 2 emissions (kgCO₂e/ per traffic unit) (market based)</i>	0.36	0.47	-23.4	0.58	-37.9
Waste	2023	2022	% Change	2018	% Change
<i>Waste generated on site (tonnes) excluding ICW⁴</i>	861.76	495.72	+73.8	698.81	+23.3
<i>Waste generated per passenger (kg/pax) excluding ICW</i>	0.14	0.10	+40	0.11	+27.3
<i>% waste to landfill excluding ICW</i>	18	0	+100	0	+100
<i>Waste generated on site (tonnes) including ICW</i>	950.10	583.66	+62.8	934.13	+1.7
<i>Waste generated per passenger (kg/pax) including ICW</i>	0.16	0.11	+45.5	0.15	+6.7
<i>% waste to landfill including ICW</i>	27.41	15.07	+81.9	25.19	+8.8
<i>Waste re-use and repurposed (kg)</i>	610	0	+100	0	+100
Water	2023	2022	% Change	2018	% Change
<i>Total water consumption (m³)⁶</i>	52,079	56,795	-8.3	91,998	-43.3
<i>Water consumption per passenger (l/pax)</i>	8.74	11.79	-25.9	14.64	-40.3

Notes:

- 1 traffic unit = 1 passenger or 100kg of cargo.
- Location-based emissions data from UK Greenhouse Gas Emissions Factors available at www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2023
- Market-based emission data from NI Fuel Mix disclosures available at www.uregni.gov.uk/news-centre/fuel-mix-disclosure-2022
- All International catering waste (ICW) in Northern Ireland must be sent to landfill in line with PHA regulations. Since Brexit, waste generated on domestic flights between Northern Ireland and Great Britain is treated as ICW.
- Includes all construction and demolition waste from terminal extension.
- Excludes all water recharged to tenanted areas.