

Assessment Parameters

Baseline year for total reported CO ₂ e emissions (tonnes) (Scope 1, 2 and 3)	2011/2014
Consolidated approach	Operational control
Boundary Summary	All entities and facilities either owner or under operational control
Emission factor data source	DEFRA (2018), IEA (2015/2017)
Assessment methodology	The Greenhouse Gas Protocol revised edition (2004)
Materiality threshold	Materiality was set at group level at 5%
Intensity ratio	Emissions per full time employee (FTE)
Independent assurance	Limited assurance provided by Ernst & Young LLP over total reported CO ₂ e emissions (tonnes) (Scope 1, 2 and Business Travel location-based emissions)

GHG Emissions	Baseline Year	Baseline Totals	2015	2016	2017	2018	Change From Baseline (%)
Location-based CO ₂ e emissions (Scope 1, 2 & business travel) (tonnes)	2014	496,249	450,299	391,437	312,731	252,340	-49%
Location-based CO ₂ e emissions per FTE		5.07	4.91	4.34	4.08	3.56	-30%
Scope 1 CO ₂ e emissions (tonnes)		30,695	27,997	28,577	25,578	29,959	-2%
Scope 2 market-based CO ₂ e emissions (tonnes)*		377,337	337,000	152,912	69,391	57,735	-85%
Scope 2 location-based CO ₂ e emissions (tonnes)		360,201	326,709	273,822	219,979	166,179	-54%
Scope 1 & Scope 2 CO ₂ e emissions (tonnes)		390,897	354,706	302,400	245,557	196,138	-50%
Scope 1 & Scope 2 CO ₂ e emissions per FTE (tonnes)		3.99	3.87	3.35	3.21	2.76	-31%
Scope 3 CO ₂ e emissions from business travel (tonnes)		105,352	95,592	89,037	67,174	56,203	-47%
Emissions of Ozone-Depleting Gases							
Emissions of ozone-depleting gases (tonnes)	2014	3,452	688	2,344	991	5,720	66%
Energy							
Energy consumption (GWh)	2014	862	807	755	693	619	-28%
Energy consumption per FTE (MWh)		8.80	8.80	8.38	9.06	8.72	-1%
Business Travel							
CO ₂ e emissions from business travel (Scope 1 & 3) (tonnes)	2011	143,883	96,442	89,924	67,941	56,950	-60%
CO ₂ e emissions from business travel per FTE (tonnes)		1.45	1.05	1.00	0.89	0.80	-45%
CO ₂ e emissions from air travel (tonnes)		105,407	50,898	43,170	41,558	39,511	-63%
CO ₂ e emissions from rail travel (tonnes)		4,030	1,579	1,675	1,417	1,250	-69%
CO ₂ e emissions from road travel (tonnes)		34,446	43,964	45,079	24,966	16,190	-53%
Water							
Water consumption (m ³)	2014	1,164,345	1,311,456	1,239,425	1,083,921	918,976	-21%
Water consumption per FTE (m ³)		11.89	14.29	13.75	14.16	12.95	9%
Waste**							
Waste generated (tonnes)		17,539	15,036	19,724	14,768	13,955	-20%
Waste generated per FTE (kg)		179	164	219	193	197	10%
Waste to landfill (tonnes)		1,504	1,214	684	510	133	-91%
Waste to landfill per FTE (kg)		15.36	13.23	7.59	6.66	1.87	-88%
Percentage of waste diverted from landfill	2014	91%	92%	97%	97%	99%	8%
Paper							
Paper used (tonnes)	2014	13,464	12,067	10,911	8,691	10,642	-21%
Paper used per FTE (kg)		138	131	121	114	150	9%

* Market-based emissions have been calculated using the GHG Protocol guidelines. RBS has purchased renewable electricity that meets the Good Quality Criteria since March 2016.

** The target of zero waste to landfill applies only to UK & Ireland, where we have the data quality to validate our efforts. We report all waste types which are the responsibility of the bank, this excludes any waste generated from construction activities.