

Assessment Parameters

Baseline year for total reported CO₂e emissions (tonnes) (Scope 1, 2 and 3)

Consolidation approach

Boundary summary

Emission factor data source

Assessment methodology

Materiality threshold

Intensity ratio

Independent assurance

2011/2014

Operational control

All entities and facilities either owned or under operational control

DEFRA (2017), IEA (2015)

The Greenhouse Gas Protocol revised edition (2004)

Materiality was set at group level at 5%

Emissions per full time employee (FTE)

Limited assurance provided by Ernst & Young LLP over total reported CO₂e emissions (tonnes) (Scope 1, 2 and Business Travel location-based emissions)

Our Environmental Footprint 2017

GHG Emissions	Baseline Year	Baseline Totals	2015	2016	2017	Change From Baseline (%)
Location-based CO ₂ e emissions (Scope 1, 2 & business travel) (tonnes)	2014	512,583	450,192	388,649	311,583	-39%
Location-based CO ₂ e emissions per FTE		5.24	4.91	4.31	4.07	-22%
Scope 1 CO ₂ e emissions (tonnes)		36,857	29,246	29,131	27,172	-26%
Scope 2 market-based CO ₂ e emissions (tonnes)*		391,105	337,094	159,629	76,197	-81%
Scope 2 location-based CO ₂ e emissions (tonnes)		370,374	325,360	270,481	215,959	-42%
Scope 1 & Scope 2 CO ₂ e emissions (tonnes)		407,231	354,606	299,612	243,131	-40%
Scope 1 & Scope 2 CO ₂ e emissions per FTE (tonnes)		4.16	3.86	3.32	3.17	-24%
Scope 3 CO ₂ e emissions from business travel (tonnes)		105,352	95,586	89,036	68,452	-35%
Emissions of Ozone-depleting Gases						
Emissions of ozone-depleting gases (tonnes)	2014	3,468	1,462	3,152	1,075	-69%
Energy						
Energy consumption (GWh)	2014	916	807	745	696	-24%
Energy consumption per FTE (kWh)		9,360.36	8,797.01	8,265.90	9,091.36	-3%
Business Travel						
CO ₂ e emissions from business travel (Scope 1 & 3) (tonnes)	2011	143,794	96,172	89,923	69,220	-52%
CO ₂ e emissions from business travel per FTE (tonnes)		1.08	1.04	0.99	0.89	-17%
CO ₂ e emissions from air travel (tonnes)		105,407	50,898	43,170	41,558	-61%
CO ₂ e emissions from rail travel (tonnes)		4,030	1,579	1,675	1,417	-65%
CO ₂ e emissions from road travel (tonnes)		34,357	43,695	45,078	26,245	-24%
Water						
Water consumption (m ³)	2014	1,150,718	1,322,298	1,256,763	1,037,827	-9.8%
Water consumption per FTE (m ³)		11.75	14.41	13.94	13.56	15%
Waste**						
Waste generated (tonnes)		17,536	16,170	19,774	21,683	24%
Waste generated per FTE (kg)		179.06	176.13	219.28	283.06	58%
Waste to landfill (tonnes)		1,504	1,212	732	694	-54%
Tonnes of waste landfilled per FTE (kg)		15.36	13.20	8.12	9.06	-41%
Percentage of waste diverted from landfill	2014	91%	93%	96%	97%	6%
Paper						
Paper used (tonnes)	2014	11,191	10,282	9,229	8,708	-22%
Paper used per FTE (kg)		114.30	112.04	102.39	113.74	-0.5%

*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 operations, 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.