

RSPB greenhouse gas report

The RSPB has utilised the Streamlined Energy and Carbon Reporting (SECR) methodology voluntarily for the last two years. This year, as we develop our approach to land-based (biogenic) emissions alongside our business (non-biogenic) emissions, we will be utilising the Greenhouse Gas (GHG) Protocol and we will continue to do so moving forward. We have slightly altered the categorisation of previous results to align with this. There is a minor difference (20t) in last year's reported emissions due to adjustments. As is the norm for other organisations, the inclusion of additional Scope 3 categories means a rise in reported emissions. Capturing data from some parts of the RSPB that had not been included, and improvements in data monitoring and accuracy, have also affected our emissions.

Additional Scope 3 data has been added retrospectively to 2020-21 for comparative purposes, however much of the data for the current baseline year was not available due to Covid-19. Covid affected data gathering in 2019-20 and 2020-21 as a result of staff not being on site and/or contractor data gaps. Therefore using 2020-21 as our baseline is atypical and will be reviewed as part of the Carbon Reduction Plan. We will publish a full GHG inventory by 2024-25.

In 2023-24 we will establish a new Greening Programme Board with a dedicated programme manager and a Lead Carbon Data Analyst. Other work will include:

- rationalising our fleet and introducing more electric vehicles;
- optimising existing renewables;
- rolling out our Environmental Management System;
- embedding staff training;
- improving the sustainability of the products we sell;
- gathering bespoke emissions data from suppliers.

Our Carbon Reduction Plan will set out reduction trajectories and associated actions to achieve our 2030, and longer-term, targets. These targets will be reviewed annually as data collection and associated accuracy improves. We will also report on GHG removals/reduction from our land-based activities to 2030 and beyond. The plan will cover a wide range of themes from decision making and project management to specific impact areas, such as business travel and energy use.



Ben Andrew (rspb-images.com)

We are committed to reducing our greenhouse gas emissions and in 2016 a wind turbine was installed at our headquarters.

RSPB greenhouse gas emissions

	2022-23	2021-22	2020-21
Energy consumption (KWh)			
Electricity	3,238,198	2,920,504	2,505,424
Gas, LPG and oil	2,668,771	2,248,614	2,275,943
Transport fuel – fleet cars	2,908,171	2,783,174	1,145,835
Reserves' machinery	1,494,818	1,183,152	1,644,261
Other – woodfuel	1,486,401	505,645	451,070
Other – renewables (PV and wind)	2,241,337	753,280	1,126,845
Total KWh	14,037,696	10,394,369	9,149,378
Emissions (tCO₂e)			
SCOPE 1 (S1)			
Combustion of gas, LPG and oil for heating	527	454	493
Combustion of fuel for machinery on reserves	367	451	275
Combustion of fuel for fleet transport	700	631	(incl above)
Combustion of woodfuel for heating	14	8	7
Total tCO₂e (S1)	1,608	1,544	775
SCOPE 2 (S2)			
Purchase of electricity (location based)	626	643	584
Purchase of electricity (market based)	115	232	186
Total tCO₂e (S1/2 market based)	1,723	1,776	961
Intensity ratio: total tCO ₂ e / staff (S1/S2 market based)	0.7	0.8	0.5
SCOPE 3 (S3)			
1 Purchased goods and services			
Contractors on reserves	604	598	
Other goods and services	77,751		
3 Fuel- and energy-related activities			
Transmission and distribution (market based)	11	21	
Well to tank (market based)	696	84	
5. Waste generated in operations			
Waste management	4	7	
Water supply and treatment	5	2	
6. Business travel			
Grey fleet	1,021	261	120
Public transport	818	562	1,149
7. Employee commuting			
Emissions for teleworking	405		
9. Downstream transportation/distribution			
	221	372	
10. Processing of sold products			
	697	711	682
Total tCO₂e (S3)	82,233	2,618	1,951
Carbon offsets and carbon units tCO ₂ e	0	0	0
Total annual emissions tCO ₂ e (all scopes) location based	84,467	4,805	3310
Total annual emissions tCO₂e (all scopes) market based	83,956	4,394	2,912
Intensity ratio: total tCO ₂ e / staff (all scopes) market based	33.2	1.9	1.4