



DEPARTMENT FOR ENVIRONMENT
FOOD & RURAL AFFAIRS

Carbon Footprint Report 2021-22

FINAL

April 2023



Northumberland National Park



Northumberland
National Park



Northumberland National Park



Figure 6.41 overview of Northumberland NP emissions

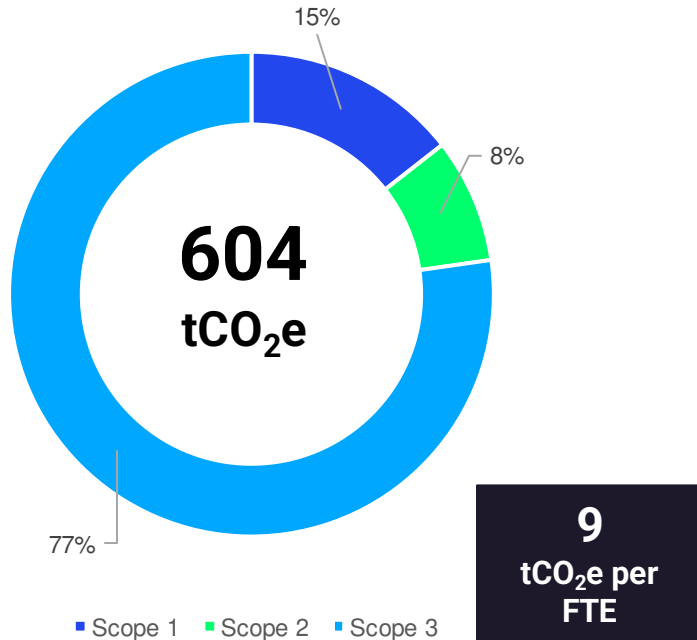
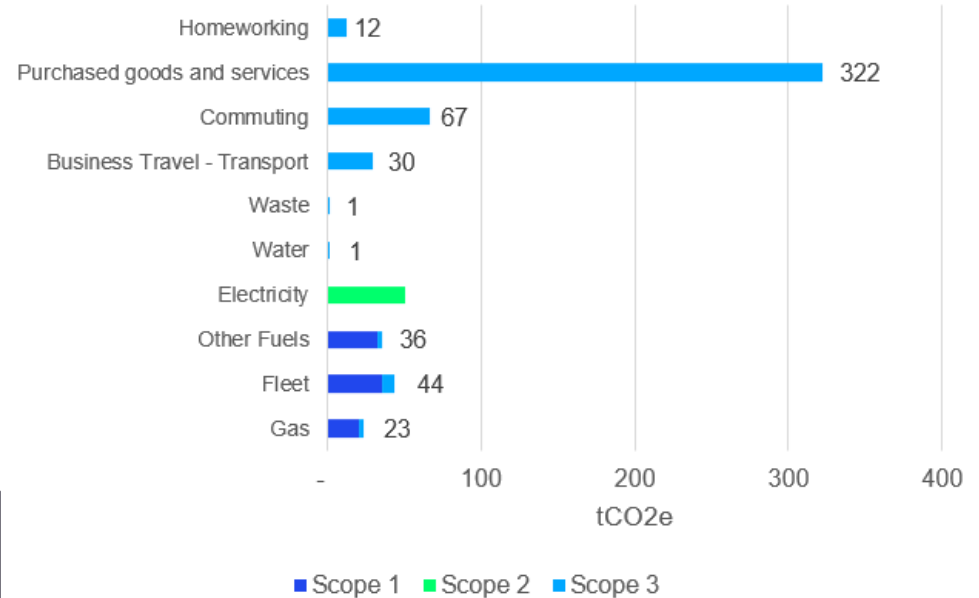


Figure 6.42 Northumberland NP emission categories





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Table 6.54 Northumberland NP emission categories

Emission Source	Scope 1	Scope 2	Scope 3	Total
Gas	20		3	23
Fleet	35		9	44
Other Fuels	32		4	36
Electricity		50	19	69
Water			1	1
Waste			1	1
Business Travel – Transport			30	30
Commuting			67	67
Purchased goods and services			322	322
Homeworking			12	12
TOTAL	87	50	467	604

Breakdown of all emissions values are in tCO₂e



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Table 6.55 Northumberland NP data sources

Emissions Category	Data Source	Received Data Units
Gas	Data Collection Form	kWh
Electricity	Data Collection Form	kWh
Other Fuels	Data Collection Form	litres
Fleet	Data Collection Form	miles
Refrigerant	Specified N/A	-
Heat and steam	Specified N/A	-
Water	Data Collection Form	m ³
Waste	Data Collection Form	kg
Business Travel - Transport	Data Collection Form	miles/ km
Commuting	Data Collection Form	miles
Business Travel - Accommodation	Data Collection Form	nights
Purchased G&S	Data Collection Form	£
Leased Buildings	Specified N/A	-
Homeworking	Proxy	FTE



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Methodology Specifics

- Northumberland National Park (NNP) provided activity data for 10 emission categories, which was input into the footprint calculator.
- 'Refrigerant', 'Heat & steam', and 'Leased buildings' were assumed to be unapplicable to NNP's operations.
- 'Homeworking' emissions were calculated using a proxy based on NNP's FTE number.
- Additional comments relevant to the footprinting process and comments actioned by CT are listed below.

Table 6.56 Northumberland NP comment log

Relates to sheet	Comment	Project team response
Natural Gas	Eastburn figure for natural gas relates to the approximately 79% floor space of the building occupied by NNPA	Noted
Natural Gas	Church House figure for natural gas relates to the approximately 60% floor space of the building occupied by NNPA	Noted
Other building fuels	First entry (L): Invoices for LPG to The Sill are for the whole building, this is then allocated to users, YHA typically is back charges around 70% of the cost, and therefore NNPA consumption is assumed to be 30% of the total	Noted. This data has been used.
Other building fuels	Second entry (m3): Estimated figure based on reads available from February 2022 to January 2023. Historic information not available.	Noted. This data has not been used.
Fleet	Figure is 80% of total diesel consumed given that 2 vehicles were pool (and mileage for these is recorded) and 8 vehicles were diesel.	Noted
Electricity	Eastburn figure for electricity relates to the approximately 79% floor space of the building occupied by NNPA	Noted
Electricity	Church House figure for electricity relates to the approximately 60% floor space of the building occupied by NNPA	Noted
Business Travel – accommodation	Access to data about employee overnight stays is not readily available. The figure presented on this sheet is the amount spent on overnight stays in FY 2021/22 (internal Budget Code 52045 Subsistence)	Noted
Water	Eastburn based on June 2021-June 2022, Church House based on April 2021-March 2022 but no water metre so estimated based on building size and % space occupied by NNPA, Sill July 2021-July 2022, Alwinton May 2021-May 2022, Rothbury Workshop May 2021-May 2022, Cawfields May 2021-May 2022. Bulby's Wood and Walltown supplied by a bore hole.	Noted
Water	Unit A Workshop, Haltwhistle, uses water but because NNPA rents this building we don't have access to water reads.	Noted. Will include in data uncertainties
P G&S	5-digit numbers listed under description relate to NNPA's financial budget book	Noted
P G&S	No 4 Vehicle leasing included as we interpret this as the manufacture of the vehicles	Noted
P G&S	NNPA has not included budget code 52045 Subsistence in P G&S. This has been included in Business Travel - accommodation as per guidance by Finance department that this code relates to overnight stays.	Noted
Leased buildings	NNPA has one leased building - Ingram Café but currently does not have access to Scope 1 and 2 data for this property.	Noted