



**Bryce Energy Services**  
Your Expert Energy Consultant



# Carbon Footprint Online Calculator To Scope 1, 2, and 3

## Welcome

The purpose of this data collection document is to help you gather the business information necessary to complete the [Bryce Energy Services online Carbon Calculator](#). The more accurate the information you can gather the more accurate the result of the carbon footprint calculator.

It is recommended that the unit values for each item are ideally for your last financial year or calendar year.

Calculating your carbon footprint is an iterative process, the first attempt will give you a reasonable approximation, but as you repeat with greater understanding and develop the business processes to gather the information, the value and output will improve. You don't need all the data to make a start.

Once you start to get a feel for the carbon footprint, even with basic data, you can begin the task of identification of key emissions and creating the carbon reduction plan to achieve NetZero.

Need any assistance, please get in touch [info@bryceenergyservices.com](mailto:info@bryceenergyservices.com) or [make an appointment](#) to chat.

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## GHG Protocol Scope 1 - Direct Emissions

These are the GHG emissions your business is directly responsible for.

Item	Source of Information	Units Required	Value of Units
01 Natural Gas	<i>Total of gas consumed from supplier invoices.</i>	<i>kWh</i>	
02 Diesel Fuel	<i>Fuel cards from business vehicles. On site pump.</i>	<i>Litres</i>	
03 Petrol Fuel	<i>Fuel cards from business vehicles. On site pump</i>	<i>Litres</i>	
04 F-Gases	<i>Business F-Gas register, contractor invoices.</i>	<i>kg</i>	

## GHG Protocol Scope 2 - Supplied Energy Emissions

These are the GHG emissions your business is directly responsible for from metered Electricity, other supplied heat and Electric Vehicles.

Item	Source of Information	Units Required	Value of Units
01 Mains Electricity UK	<i>Total consumed from supplier invoices</i>	<i>kWh</i>	
02 Electric Vehicle Charging	<i>Car log, business expenses.</i>	<i>Miles</i>	



## GHG Protocol Scope 3 - Indirect Emissions

These are the GHG emissions your business is indirectly responsible for such as business Travel and Water.

### Scope 3.01 – Use of Water

Item	Source of Information	Units Required	Value of Units
Water Supply In	<i>Total consumed from supplier invoices</i>	<i>litres</i>	
Water Waste Out	<i>Total consumed from supplier invoices</i>	<i>Litres</i>	

### Scope 3.02 – Business Travel

Item	Source of Information	Units Required	Value of Units
Miles Average Car	<i>Car log, business expenses claim.</i>	<i>Miles</i>	
Hotel Stays in UK	<i>Business expenses, travel agent invoice.</i>	<i>Nights</i>	
Short Haul Flights:	<i>Business expenses, travel agent invoice.</i>	<i>km</i>	

### Scope 3.03 – Staff Commuting Travel

Item	Source of Information	Units Required	Value of Units
Commute by Average Car	<i>Staff commute survey.</i>	<i>Miles</i>	
Commute by Train	<i>Staff commute survey.</i>	<i>km</i>	
Commute by U-Train / Tram	<i>Staff commute survey.</i>	<i>km</i>	
Commute by Bus	<i>Staff commute survey.</i>	<i>km</i>	



### Scope 3.04 – Transportation and Distribution of Goods

Item	Source of Information	Units Required	Value of Units
Freight by Van	<i>3<sup>rd</sup> Party Transport company information</i>	<i>Miles</i>	
Freight by HGV	<i>3<sup>rd</sup> Party Transport company information</i>	<i>Miles</i>	
Refrigerated HGV	<i>3<sup>rd</sup> Party Transport company information</i>	<i>Miles</i>	
Container Ship	<i>3<sup>rd</sup> Party Transport company information</i>	<i>tonne.km</i>	

### Scope 3.05 – Business Waste Disposal

Item	Source of Information	Units Required	Value of Units
Waste to Landfill	<i>3<sup>rd</sup> Party Waste Disposal Transfer Notes.</i>	<i>tonnes</i>	
Waste to Recycling	<i>3<sup>rd</sup> Party Waste Disposal Transfer Notes.</i>	<i>tonnes</i>	

### Scope 3.06 – Electricity Transmission and Distribution Losses

Item	Source of Information	Units Required	Value of Units
3.06 Electricity T&D Loss	<i>The calculator reuses a value entered.</i>	<i>kWh</i>	Not Required

### Scope 3.07 – Fuels Well To Tank (WTT)

Item	Source of Information	Units Required	Value of Units
Natural Gas WTT:	<i>The calculator reuses a value entered.</i>	<i>kWh</i>	Not Required
Diesel 100% Mineral WTT	<i>The calculator reuses a value entered.</i>	<i>litres</i>	Not Required
Petrol 100% Mineral WTT	<i>The calculator reuses a value entered.</i>	<i>litres</i>	Not Required
UK Electricity WTT	<i>The calculator reuses a value entered.</i>	<i>kWh</i>	Not Required



**Scope 3.08 – End of Life Goods Disposal**

Item	Source of Information	Units Required	Value of Units
Waste to Landfill	<i>Total applicable weight of product produced.</i>	<i>tonnes</i>	
Waste to Recycling	<i>Total applicable weight of product produced.</i>	<i>tonnes</i>	

**Scope 3.09 – Purchased Capital Goods**

Item	Source of Information	Units Required	Value of Units
3.09 Purchased Capital Goods	<i>Supplier invoices. Guess weight.</i>	<i>0 kg</i>	

**Scope 3.10 – Business Franchises**

Item	Source of Information	Units Required	Value of Units
3.10 Business Franchises	<i>Turnover of any Franchise Business</i>	<i>£ GBP</i>	

**Scope 3.11 – Business Investments**

Item	Source of Information	Units Required	Value of Units
3.11 Investments and Pensions	<i>Total Value of Investments, Accounts</i>	<i>£ GBP</i>	

**Scope 3.12 – Suppliers of Goods and Services.**

Item	Source of Information	Units Required	Value of Units
3.12 Suppliers to Business	Accounts Profit and Loss, Value	Relative %	

Very rough estimate for Scope 3, Supplier carbon footprint is to add a percentage factor based on the percentage of your business turnover associated with purchasing goods, excluding those of Scope 1 and Scope 2 that have already been entered.