

Carbon Reduction Plan

Supplier name: 2D Building Contractors Ltd

Publication date: 27/01/2026

Commitment to achieving Net Zero

2D Building Contractors Ltd is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Carbon Neutral Britain was engaged by 2D Building Contractors Ltd in order to measure and calculate the organisation's total carbon footprint for 2021/22. With this being the first year of calculations, this year constitutes our baseline year.

Baseline Year: 01/12/21 – 31/11/22	
Additional Details relating to the Baseline Emissions calculations.	
As building contractors, it was identified that the main emissions were to occur from company owned/leased vehicles and the mileage completed within the reporting period. Using the operational control consolidation approach was determined as the best method for 2D Building Contractors Ltd, due to the standard business structure and business practices. As a result, the following scope of data was collected.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	104.93
Scope 2	2.82
Scope 3 (Included Sources)	28.26 Mainly from waste, with other emissions from business travel, staff commuting, business hotel stays and water usage.
Total Emissions	136.01

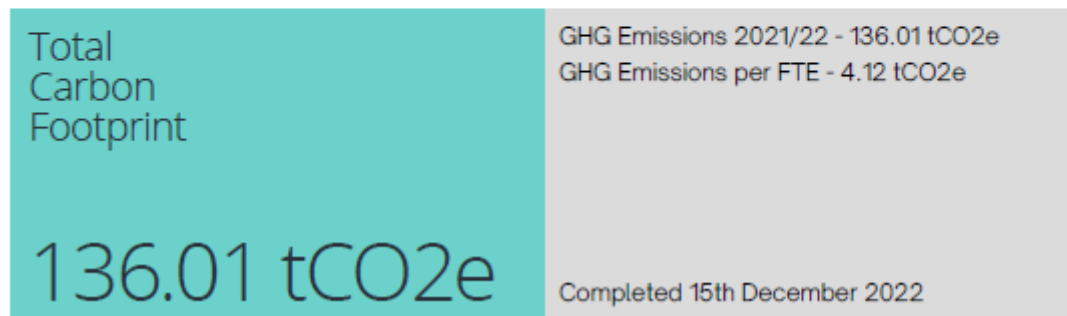
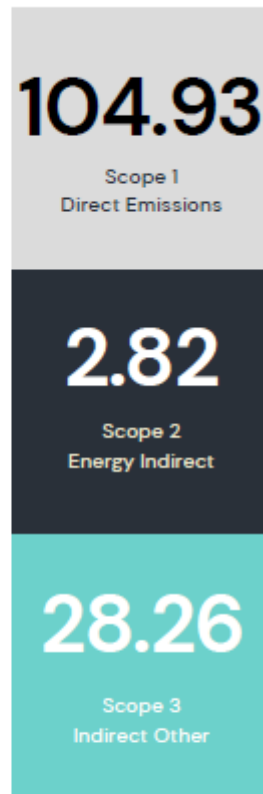
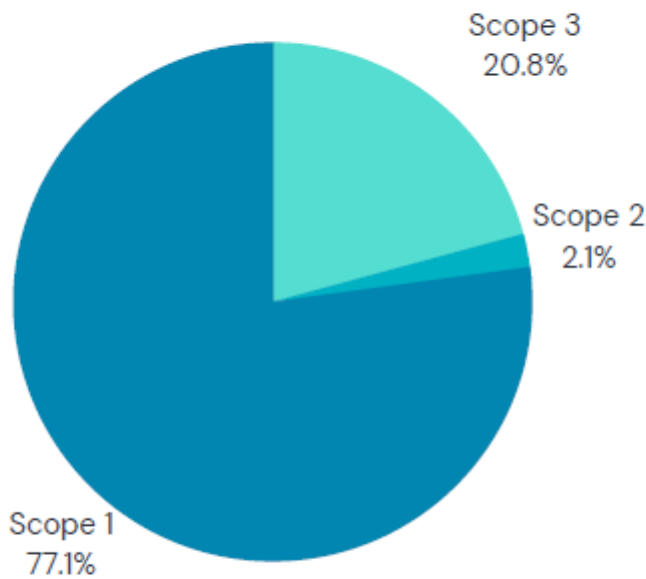
Scope 1 - Stationary and Mobile Source Emissions (equipment and quantity combusted), Company Owned and Leased Vehicles (vehicle type and distance travelled), Refrigerant Gas Losses (refrigerant type and new/disposed units) for the organisation only.

Scope 2 - Energy (electricity, imported heat, steam in kwh) from the office and vehicles, using the location based method.

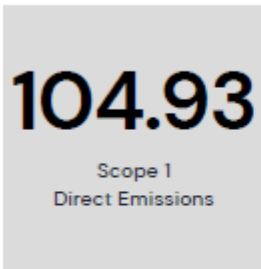
Scope 3 - Homeworking Energy (Days), Water (consumption and waste volume), Waste (landfill, recycled and composted weight), Business Travel (type and distance), Staff Commuting (average distance and type), Hotel Stays (UK, Europe or Worldwide days).

2D Building Contractors Ltd Carbon (GHG) Emissions

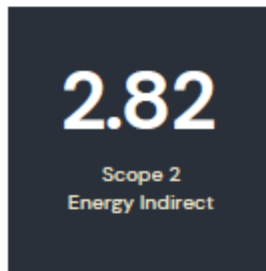
Reporting Period - 01/12/21 - 31/11/22



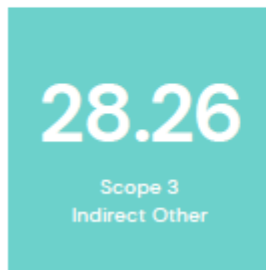
Emission by Scope



The main Scope 1 emissions occurred from the company owned/leased vehicles, and the mileage completed within the reporting period. Other emissions occurred from combustion sources.



All Scope 2 emissions occurred from electricity consumption within the reporting period.



The main Scope 3 emissions occurred from waste. Other emissions occurred from business travel, staff commuting, business hotel stays and water usage.

Current Emissions Reporting



Reporting Year: 2025	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	130.25
Scope 2	2.62
Scope 3 (Included Sources)	37.74 Mainly from a new measure called 'Well to Tank', which was not calculated in the baseline year.
Total Emissions	170.61

The additional emissions source within Scope 3 is due to changes in the guidance notes for the ISO 14064 and GHG Emissions Protocol Standard, where an additional emissions source has been recommended to be included. This is called 'Well to Tank' emissions, which is a Scope 3 emission not included last year.

'Well to Tank' is the carbon footprint of the production, processing and delivery of fuel and gas, before being combusted by an organisation. In the case of 2D, this is the carbon footprint from our vehicle fuel (company cars, business travel and commuting vehicles), before being combusted. Rather than just the emissions of fuel being burnt, there is also a wider carbon footprint from the production, processing, and delivery to the petrol station, which we now include in our report.

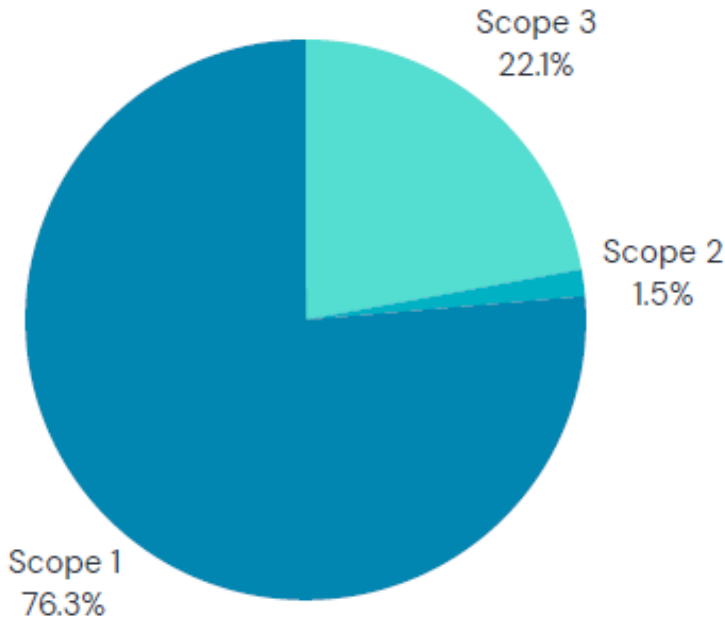
Scope 1 - The main Scope 1 emissions occurred from the use of company owned/leased vehicles within the reporting period. Other emissions originated from stationary or mobile combustion sources.

Scope 2 - The main Scope 2 emissions occurred from the company's energy usage on site. No other emissions sources were declared during the reporting period.

Scope 3 - The main Scope 3 emissions occurred from well to tank emissions. Other emissions occurred from waste, business travel, business hotel stays, staff commuting, water usage, and transmission and distribution losses.

2D Building Contractors Ltd Carbon (GHG) Emissions

Reporting Period - 01/11/24 - 31/10/25



130.25

Scope 1
Direct Emissions

2.62

Scope 2
Energy Indirect

37.74

Scope 3
Indirect Other

Total
Carbon
Footprint

170.61 tCO₂e

GHG Emissions 2024/25 - 170.61 tCO₂e

GHG Emissions per FTE - 4.87 tCO₂e

GHG Emissions per £1m - 21.33 tCO₂e

Completed November 2025

Emissions by Scope

130.25

Scope 1
Direct Emissions

The main Scope 1 emissions occurred from the use of company owned/leased vehicles within the reporting period. Other emissions originated from stationary or mobile combustion sources.

2.62

Scope 2
Energy Indirect

The main Scope 2 emissions occurred from the company's energy usage on site. No other emissions sources were declared during the reporting period.

37.74

Scope 3
Indirect Other

The main Scope 3 emissions occurred from well to tank emissions. Other emissions occurred from waste, business travel, business hotel stays, staff commuting, water usage, and transmission and distribution losses.

Emissions reduction targets

We have seen a decrease in scopes 2 and 3 which is pleasing to see. This is mainly due to more local work and less hotel visits. However our scope 1 has increased significantly from our baseline year. This is due to the growth our business has seen over the last few years. While we are working to the following measures, we feel that demonstrating our emissions per £1m will be more reliable:

- We have achieved our ISO 14001 through a UKAS accredited body, through which we are measured on our implementation of our environmental policy and the improvement cycle that goes hand in hand with this.
- We promote the sharing of lifts to and from jobs to reduce emissions.
- We are in the process of acquiring hybrid vans to have an even bigger impact on the reduction of our emissions. We would look to eventually replace all our fleet vehicles with hybrid vehicles in the next 8 years.
- All vehicles are regularly maintained, and repairs carried out to ensure they run to their maximum efficiency.
- All purchases are done in bulk where appropriate to reduce the amounts of carriage and emissions and also procurement of materials would be done using local companies to reduce any emissions created from delivery vehicles.

- We always try and use only the most efficient and up to date equipment, regularly maintaining our tools and when appropriate replacing them. We have bought into the **Hilti On Track 3 system** which notifies us when a tool or piece of equipment requires its annual service. Again, this takes the form of an app that staff access on their mobile devices. This ensures equipment is working at their most energy efficient levels.
- Our environmental policy states that lights are to be turned off when not in use and also power sockets are switched off at the source to reduce any wasted energy.
- We have purchased energy efficient heaters for the office.

Company Rebaselining Procedure

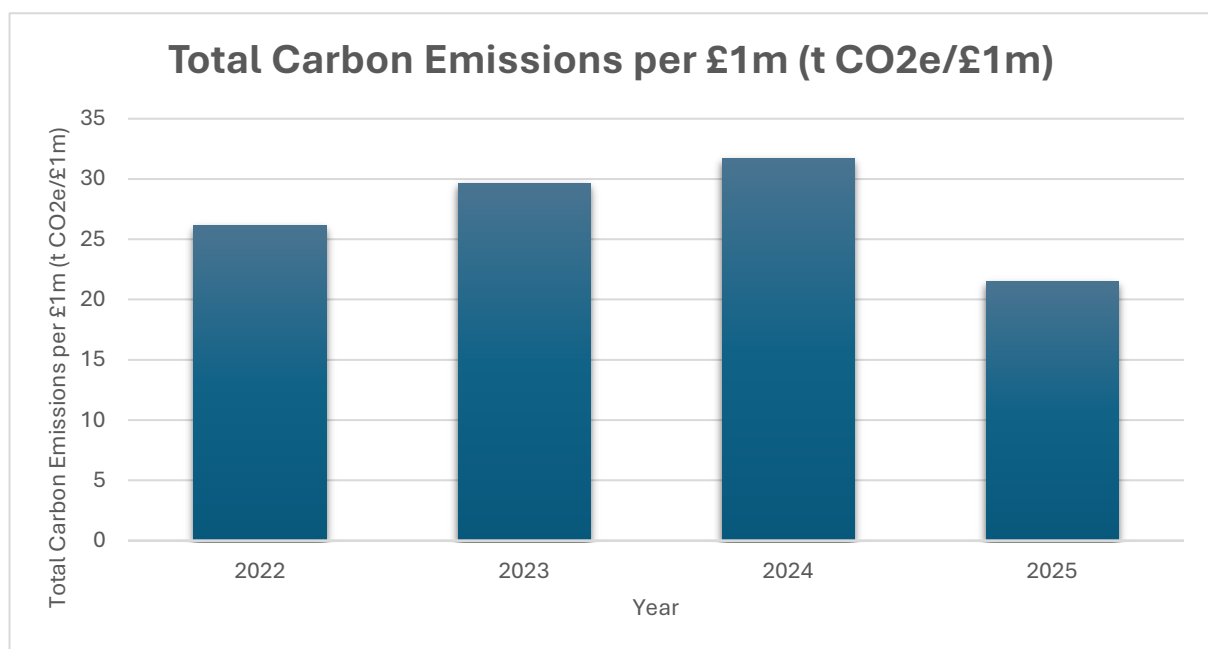
Meaningful and accurate comparisons of year-on-year emissions data may require a ‘rebaselining’ of emissions to the earliest reporting period where the overall structure and size of the organisation is most similar to the present.

While net emissions tell a part of the story, tracking progress in terms of emissions both per FTE and per £1m revenue can provide more granular insights for reductions.

Rebaselining is an important part of becoming Carbon Neutral, and combining this with FTE and revenue data ensures growth and changes in the nature of an organisation can be properly accounted for.

In line with relevant guidance, 2D Building Contractors Ltd’s current baseline is in line with its first reporting period (1st November 2021 - 31st October 2022), undertaken in 2022. To track progress against this baseline, emissions per FTE and per £1m revenue since the first year of calculation have also been included within this report.

By taking this approach, 2D Building Contractors Ltd can accurately and transparently work towards Carbon Neutrality by 2030 via the globally recognised net-emissions approach, whilst also tracking progress against all available calculation years. Through this, 2D Building Contractors Ltd can generate valuable insights to target key emissions hotspots and achieve meaningful reductions.



Carbon Offsetting Projects

Although we acknowledge that offsetting isn't the best answer to achieving Net Zero, we have concluded that it is a factor that demonstrates our commitment in the interim period to acting on our emissions in a way that is practical and realistic to our company. Our plan over the next few years is to lower our emissions, so having to offset less, and be that but closer to achieving Net Zero.

Through the Carbon Neutral Britain Climate Fund™, we have offset our total carbon emission through internationally certified carbon offsetting projects. Certified via the Verra – Verified Carbon Standard (VCS), the Gold Standard – Voluntary Emission Reductions (VER) or the United Nations – Certified Emission Reduction (CER) programmes, the projects have also been selected based on their direct and indirect impact around the world – not just in offsetting, but also in supporting education, employment and clean water, as well as having net positive impact on the local wildlife and ecology.

As the three largest, and most regulated voluntary offsetting standards used by organisations and even countries in their emissions reductions – all measurements and tonnes of CO₂e offset are accurate and verified. An example of project supported include:



Project 2151: Household Solar Lighting in Zambia



Project 3229 : Methane Capture & Power Generation



Project 3029: Wind Power in Maharashtra

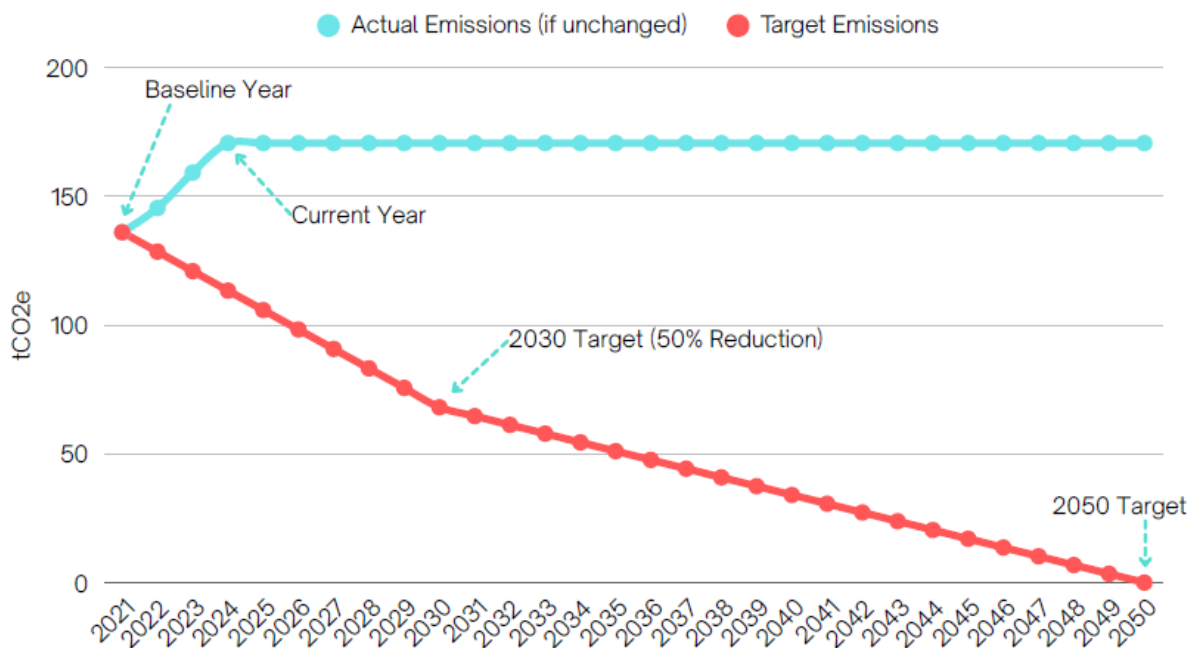


Project 1165: Salkhit Wind Farm in Mongolia

Reduction Target Plan

In order to achieve a 50% reduction in emissions by 2030, 2D Building Contractors Ltd is required to reduce its emissions by **68.01 tCO₂e** from the 'Baseline' (first year) assessment by 2030. This will require a reduction of 5.55% (7.55 tCO₂e) per year from the 'Baseline' (first year) assessment of the organisation. A further reduction of 2.50% (3.40 tCO₂e) each year is then required in order to achieve Net Zero.

Should significant changes to the business size and structure occur in the future – Carbon Neutral Britain will amend the 'baseline' assessment year, as well as look at intensity values (tCO₂e per million turnover, FTE or other metrics), to further track and implement reduction strategies.



Reduction Strategies

Although some emission reductions will require technological and third-party improvements, we feel it is a priority to target the three largest avoidable emissions sources of the organisation, in order to make the most impactful, and quickest reduction in emissions possible. The three largest avoidable emission sources are:

Company Vehicles has seen a 12% increase from 114.83 tCO₂e to 128.72 tCO₂e

Energy Usage on Site has seen a 11% decrease from 2.94 tCO₂e to 2.62 tCO₂e

Business Travel has seen a 33% decrease from 3.67 tCO₂e to 2.44 tCO₂e

Strategies we will look to action are as follows:

Fuel Efficiency and Journey Optimization: Optimizing vehicle routes and journey planning could immediately reduce emissions. Internal guidelines could be established to ensure drivers prioritize economical routes, minimizing overall mileage. Utilizing fleet management systems could help monitor vehicle usage, identify the most efficient routes, and reduce unnecessary travel.

Transition to Low-Emission Vehicles: The most impactful way to address the increased emissions is by transitioning to hybrid or electric vehicles within the company fleet. 2D Building Contractors Ltd could explore available grants or funding options to support this transition. Replacing older, less efficient vehicles with electric or hybrid models could enhance fleet sustainability and reduce emissions.

Internal Education and Eco-Driver Training: Providing education on eco-driving techniques and emphasizing efficient route planning could help mitigate the impact of increased mileage. Implementing training programs focused on fuel-efficient driving habits, such as reducing idle time, smooth acceleration, and maintaining consistent speeds, could lead to incremental but meaningful improvements. Staff could also be encouraged to select the shortest, most economical routes to further reduce mileage and fuel consumption.

Relevant Schemes and Support:

Plug-In Vehicle Grant: Government incentives could help offset the costs of adopting electric vehicles, making them a more feasible option for fleet replacement. **Eco-Driver Training Programs:** Offering training or workshops on efficient driving techniques could equip drivers with the skills needed to operate vehicles sustainably.

Fleet Management Software: Investing in technology to track vehicle performance, fuel efficiency, and route planning could provide valuable insights and help optimize fleet operations.

By targeting these areas, 2D Building Contractors Ltd could effectively manage the rising emissions from increased vehicle use.

Carbon Neutral Britain™



Christina Willoughby

CHRISTINA WILLOUGHBY
Credit Officer

James Poynter

JAMES POYNTER
Director

Carbon Neutral Britain Certification™ IS PRESENTED TO

2D Building Contractors Ltd

Certified Carbon Neutral

NOVEMBER 2025 - OCTOBER 2026

This certificate is to verify that 2D Building Contractors Ltd has met all Carbon Neutral Britain Certification™ standards in measuring, calculating and carbon offsetting organisational carbon emissions selected within the Scope 1, 2, and 3 GHG emissions boundary during the period of 1st November 2024 to 31st October 2025.

Certificate No: BCNB - 05904

Calculations made following the ISO 14064-1:2018 and GHG Protocol Emissions Standards. Credits issued from one or more of the International Carbon Offsetting standards:



United Nations Framework Convention on Climate Change
Verified CER



Verified Carbon Standard
A YERRA STANDARD



Gold Standard
for the **Global Goals**

Certification is awarded based on accurate and assumed full disclosure of all relevant and necessary data by the Company. United Nations Credits issued via the Clean Development Mechanism (CDM). VCS is a certification standard for carbon projects and credits. VCS does not oversee retail markets nor does it certify or endorse any retailer or broker of VCU's, visit verra.org. Gold Standard is a certification standard for carbon projects and a registered trademark.

Carbon Neutral Britain™



Christina Willoughby

CHRISTINA WILLOUGHBY
Credit Officer

James Poynter

JAMES POYNTER
Director

Certificate of Credit Retirement IS PRESENTED TO

2D Building Contractors Ltd

170.61 Tonnes CO₂e Emissions Offset

via the Climate Fund™ Portfolio of verified carbon offsetting projects around the world

Batch Serial #: 9101-0039-0084980-VCS-VCU-029-VER-CER-413-000646594120328659816598691582365

IN THE MONTH OF NOVEMBER 2025

Certificate No: BCNB - 05904

Credits Issued from one or more of the International Carbon Offsetting standards:



United Nations Framework Convention on Climate Change
Verified CER



Verified Carbon Standard
A YERRA STANDARD



Gold Standard
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Journey to Net Zero



2D Building Contractors has put a plan in place to attempt to beat our target of 2050 as becoming a Net Zero company. This is ambitious, but it allows for a degree of mitigation, should the plan suffer some setbacks.

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed on behalf of the Supplier:



Tom Dean – Managing Director

Date: 27/01/2026

¹<https://ghgprotocol.org/corporate-standard>

²<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³<https://ghgprotocol.org/standards/scope-3-standard>