

Carbon Reduce Certification

This is to certify that

Dane Architectural Systems Holdings

Meets the requirements of Carbon Reduce certification having measured its greenhouse gas emissions in accordance with ISO 14064 Part 1 2018 and is committed to managing and reducing its emissions in respect of its operational activities of its UK organisation.

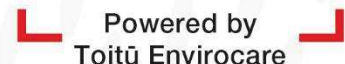
Level of Assurance: Reasonable category (scope) 1 & 2, Limited all other categories (scope 3)

Certificate Number: 2022206J

Start Date: 21 September 2023
Expiry Date: 21 September 2024



Osana Robertson



Company Address: Viking Works, Hamsterley, Newcastle upon Tyne, NE17 7SY, United Kingdom

This certificate should be read in association with the annual disclosure statement which is available at www.toitu.co.nz

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SUMMARY OF CARBON REDUCE CERTIFICATION ⁱ

FOR Dane Architectural Systems Holdings Limited



Summary for 01 January 2022 to 31 December 2022

CARBON REDUCE ORGANISATION CERTIFIED: DANE ARCHITECTURAL SYSTEMS HOLDINGS LIMITED

Carbon Reduce certified means committing to ongoing reductions while achieving annual measurement for at least the Toitū mandatoryⁱⁱ emissions.



Measured emissions to ISO 14064-1:2018 and Programme requirements



Managing and reducing against Programme requirements

This report provides a summary of the annual greenhouse gas (GHG) emissions inventory and management report for Dane Architectural Systems Holdings Limited as part of the annual work to achieve Carbon Reduce certification. Additional details of the annual achievements, commitments, and verification are available on request from Dane Architectural Systems Holdings Limited.

This inventory helps us monitor and manage our emissions over various sources, and work to reduce them. This in line with our commitment to reducing our emissions, as laid out in our sustainability policy, and market ourselves as a sustainable option to main contractors.

ACHIEVEMENTS

These achievements have been verified in line with ISO 14064-3:2019 and Carbon Reduce Programme Technical Requirements for the 01 January 2022 to 31 December 2022 measurement period.

EMISSIONS MEASUREMENT

Dane Architectural Systems Holdings Limited's greenhouse gas emissions for this year (01 January 2022 to 31 December 2022) were 443.97 tCO₂e. Dane Architectural Systems Holdings Limited has measured the emissions resulting from its operational activities, purchased energy, and selected impacts from its value chain activities, including business travel, freight, and waste sent to landfill.

The annual inventory is detailed in the following table. Emissions and reductions are reported using a location-based methodology.ⁱⁱⁱ

Category (ISO 14064-1:2018)	Scopes (GHG Protocol)	GHG emissions (tCO ₂ e)		
		Base Year 2017	Previous Year 2021	Current Year 2022
Category 1: Direct emissions	Scope 1	258.35	221.12	206.48
Category 2: Indirect emissions from imported energy (location-based method*)	Scope 2	116.44	57.46	44.95
Category 3: Indirect emissions from transportation	Scope 3	259.88	272.16	187.81
Category 4: Indirect emissions from products used by organisation		11.77	7.46	4.72
Category 5: Indirect emissions associated with the use of products from the organisation		0.00	0.00	0.00
Category 6: Indirect emissions from other sources		0.00	0.00	0.00
Total gross emissions*		646.44	558.21	443.97
Category 1 direct removals		0.00	0.00	0.00
Total net emissions		646.44	558.21	443.97

*Gross and net emissions are reported using a location-based methodology. Contact Dane Architectural Systems Holdings Limited for full details.

The operational GHG emission sources included in this inventory are shown in Figure 1 below.

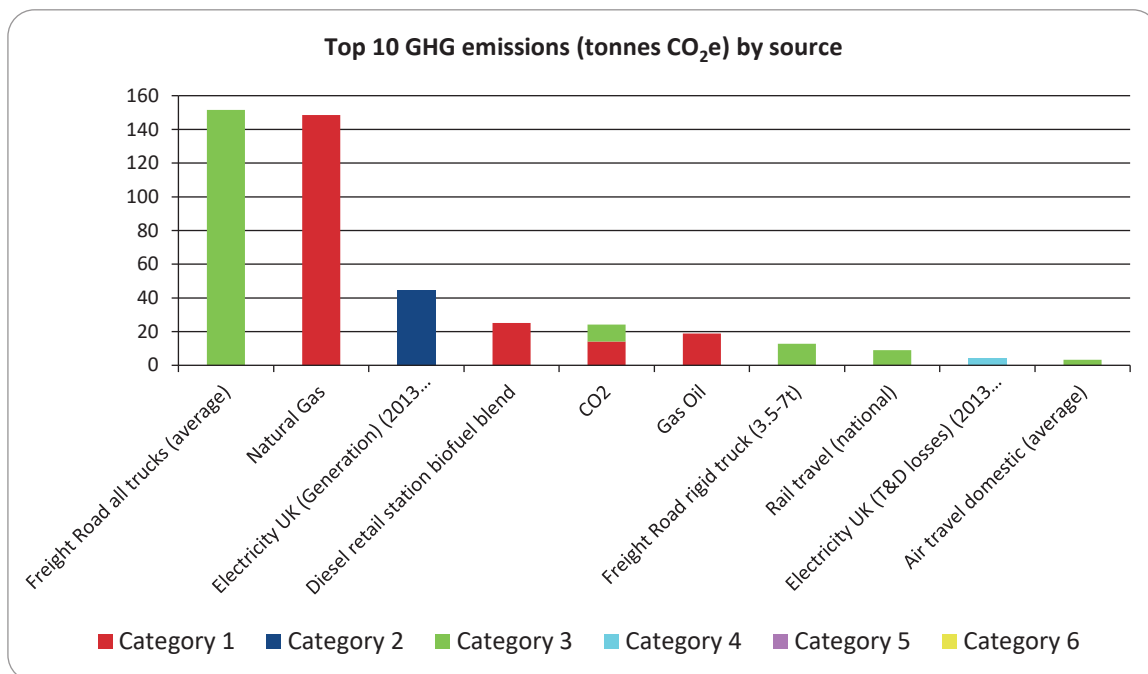


Figure 1: Top 10 GHG emissions (tonnes CO₂e) by source

SCOPE OF MEASURED INVENTORY

CONSOLIDATION APPROACH

An operational control consolidation approach was used to account for emissions. Organisational boundaries were set with reference to the methodology described in the GHG Protocol and ISO 14064-1:2018 standards. ^{iv}

This approach best fit with our reporting needs as it kept our reports consistent with our practices and the requirements of the accreditation.

BOUNDARIES

Our attached organigram shows how operations are managed throughout the business, with our two main production bodies operating in their own space whilst being overseen by the Managing Director and QHSE Manager externally to their own management systems.

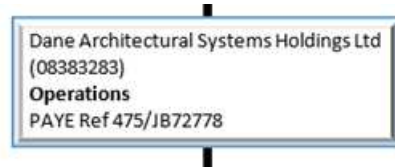


Figure 2: Organisational structure showing business units included and excluded

No business units have been excluded from this inventory report.

Excluded emissions do not exceed 5% of the total footprint within the organisation boundary stated.

Managing and reducing

Dane Architectural Systems Holdings Limited meets the requirements of Carbon Reduce certification having measured its greenhouse gas emissions in accordance with ISO 14064 Part 1 2018 and is committed to managing and reducing its emissions in respect of its operational activities of its UK organisation.

This is the sixth year of reporting under the Toitū carbonreduce. An absolute reduction in Category 1 and 2 emissions of 123.36 tCO₂e has achieved against base year. A reduction in emissions intensity (for Category 1, 2 and mandatory Category 3 and 4 emissions) of 5.56 tCO₂e/ £M has achieved based upon a 5-year rolling average, adjusted for inflation.

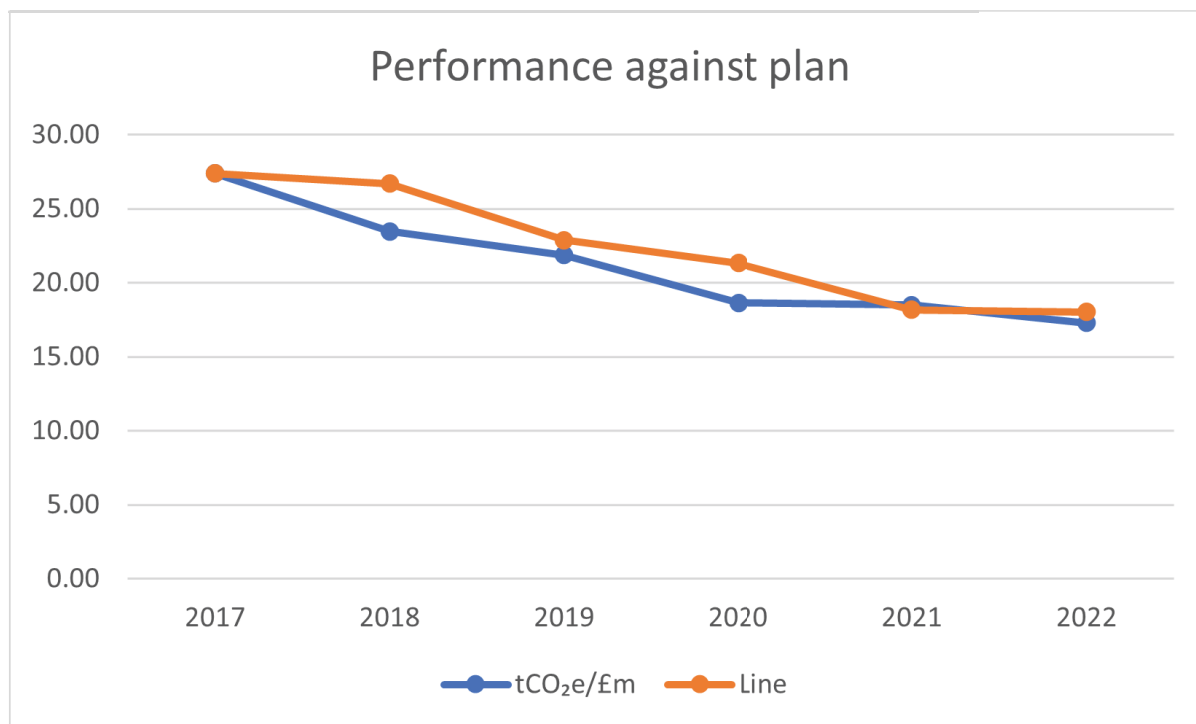


Figure 3: Performance against target since the base year

When we set our target of a reduction of 2.5%/£m each year we were still yet to see the full benefit of the renewables we had invested in and how much more efficient we were to become. We have comfortably met our 2.5%/£m reduction target each year from 2017 onwards but it is now becoming clear that we must begin to implement new strategies to carry on seeing reductions.

We have comfortably reached our annual target since the baseline year but as we can see the slope has begun to plateau. That is partly down to some difficult years in terms of turnover during the corona virus pandemic, but also because gross emissions have not reduced as much in recent years as we had hoped. We hope to return to both higher turnovers and more absolute reductions in the coming years.

Target name	Baseline period	Target date	Type of target (intensity or absolute)	Current performance (tCO ₂ e)	Current performance (%)	Comments
Annual reduction of 2.5% tCO ₂ e per million pound turnover	2017 - gross emissions: 646 tCO ₂ e - emissions intensity: 27.38	Annual reduction	Intensity	444	17.30	We have come very far as a company in terms of our absolute emissions and intensity emissions reductions since we set our target (retroactively) in 2017. However, we have slowed in our reductions over the last two years and are looking to push our reductions further whilst increasing turnover in the coming years.

COMMITMENTS

Reduction targets

Dane Architectural Systems Holdings Limited is committed to managing and reducing its emissions. Dane Architectural Systems Holdings Limited's commitments, including GHG emissions reduction targets and plans, have been reviewed and are in line with Toitū Carbon Reduce programme requirements.

Dane is committed to reduce emissions on an emissions intensity basis, since the output and growth of the company is dependent on the work procured for each year, so are the emissions largely determined by the company's workload. Dane are committed to reduce emissions by 2.5% per million pound turnover annually.

Looking ahead, Dane Architectural Systems Holdings Limited is currently focused on the following projects.

Objective	Project	Responsibility	Completion date	Potential co-benefits	Potential unintended consequences	Actions to minimise unintended consequence
Reduce the amount of freight journeys	Work with main contractors to agree a more sustainable way of delivering goods at pre-contract stage Investigate more sustainable freight handlers as alternatives	Matthew George, SHE & Sustainability Assistant, Dane Architectural Systems Limited	Ongoing	Reduced embodied carbon Improved Health & Safety at Site through just in time deliveries Cost saving	None anticipated	N/A
Reduce electricity consumption	Install timers and sensors so as to not waste electricity Invest in more efficient LED lighting	Matthew George, SHE & Sustainability Assistant, Dane Architectural Systems Limited	Ongoing	Cost saving Reduced embodied carbon	None anticipated	N/A
Reduce natural gas consumption	New works space to make use of a more efficient heating system, and then rolled out to more areas depending on performance.	Matthew George, SHE & Sustainability Assistant, Dane Architectural Systems Limited	31/12/2023	Cost saving Reduced embodied carbon	None anticipated	N/A

CERTIFICATE DETAILS

Certification status:	Carbon Reduce certified organisation
Certificate number:	2022206J, Year 3 of 3 year certificate period
Valid until:	21 September 2024
Measurement period:	01 January 2022 to 31 December 2022
Base year:	01 January 2017 to 31 December 2017
Audited by:	Achilles Assessment Services (UK)
Level of assurance:	Reasonable category (scope) 1 & 2, Limited all other categories (scope 3)

ⁱ © Enviro-Mark Solutions Limited 2020.

Disclaimer: This Certification Summary Statement is a summary of the information (validated and verified for relevant components of the certification) considered for certification and the certification decision. It should not be taken to represent the full submission for certification. Whilst every effort has been made to ensure that the information in this Statement is accurate and complete, Enviro-Mark Solutions Limited (trading as Toitū Envirocare) does not, to the maximum extent permitted by law, give any warranty or guarantee relating to the accuracy or reliability of the information.

ⁱⁱ The mandatory sources that must be included in any Carbon Reduce Programme inventory include:

- All direct emissions from the activities of the organisation, or the part of the organisation being certified. Direct emissions come from assets owned or controlled by the organisation, such as emissions from fleet vehicles, boilers, generators and HVAC systems.
- All emissions from imported energy (electricity, heat and steam)
- Emissions from business travel and freight paid for by the organisation
- Emissions associated with waste disposed of by the organisation, as well as the transmission and distribution of electricity, and natural gas

ⁱⁱⁱ All purchased and generated energy emissions are dual reported using both the location-based method and market-based method in the certified Inventory Report and appendices. This summary document presents the information using the location-based method. Note that reductions and any required compensation are assessed using that method. Dual reporting illustrates the role of supplier choice, onsite renewable energy generation and contractual instruments in managing indirect emissions from energy alongside any ongoing energy efficiency and reduction efforts. This dual reporting aligns with ISO 14064-1:2018 and the GHG Protocol. Please contact this organisation for the dual reporting details applicable to this inventory.

^{iv} Control: the organisation accounts for all GHG emissions and/or removals from facilities over which it has financial or operational control. Equity share: the organisation accounts for its portion of GHG emissions and/or removals from respective facilities.