

Annual Carbon Report



January 2024 - December 2024

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Prepared By:  University of Exeter

Powered By: 





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January 2024 – December 2024

This report has been produced by **Example Company** using notch accounting platform for **Composite Integration Ltd**

Company Overview

Composite Integration is a company specialising in advanced composite manufacturing solutions. We focus on creating innovative equipment and processes for industries like aerospace, automotive, and renewable energy. Our expertise lies in technologies such as Resin Transfer Moulding (RTM) and infusion processes, which are used to produce high-quality composite parts efficiently and with minimal waste. The company is based in Saltash, England, and is known for its commitment to innovation, sustainability, and customer-centric solutions. We offer a range of services, including custom equipment design, process development, and R&D support.

Year Incorporated	2002
Industry	Manufacture of plastics and rubber machinery
No. of Staff	42
No. of Offices	1
No. of Production Sites	1
No. of Company Vehicles – Trucks	3
No. of Company Vehicles – Other	4

Reporting Period

January 2024 – December 2024

Benchmark Year

January 2024 to December 2024

Qualification & Reporting Methodology

This report has been created using the Environmental Reporting Guidelines, including Streamlined Energy & Carbon Reporting (SECR) guidance issued by the UK Government in April 2019.

Where they exist, notch uses the UK Government published carbon conversion factors relevant to the reporting period. Where emissions, without published conversion factors have been used, these have been determined by notch in consultation with relevant stakeholders and any industry norms or standards that exist. The details of these are included in the Data Declaration section of this report.

Net Zero History

Previously recorded through SWMAS

Net Zero Committed Date

2050

Reporting Boundary

Financial

Optional Scope

Emissions from Scope 1 & 2 have been measured in accordance with SECR requirements. The Scope 3 emissions that have been included are:

- Purchased Goods & Services - Water Supply
- Purchased Goods & Services - Material Used
- Purchased Goods & Services - Material
- Purchased Goods & Services - Staff Working from Home
- Fuel & Energy Related Activities - Transmission & Distribution - Electricity
- Upstream Transportation & Distribution - Supplier Deliveries
- Waste Generated From Operations - Waste
- Waste Generated From Operations - Waste Disposal
- Waste Generated From Operations - Glass
- Waste Generated From Operations - Batteries
- Waste Generated From Operations - Water Treatment

- Employee Commuting - Cars
- Employee Commuting - Taxis
- Employee Commuting - Bus
- Employee Commuting - Rail
- Employee Commuting - Motorbike
- Employee Commuting - Walking
- Employee Commuting - Cycling
- Downstream Transportation & Distribution - Customer Deliveries
- Business Travel - Cars
- Business Travel - Vans
- Business Travel - Taxis
- Business Travel - Rail
- Business Travel - Ferry
- Business Travel - Plane
- Business Travel - Bus
- Business Travel - Walking
- Business Travel - Cycling



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Net Zero Leadership

Composite Integration Ltd is fully committed to achieving Net Zero across its organization. To support its transition to Net Zero **Composite Integration Ltd** has appointed and communicated publicly senior sponsor(s). The appointed sponsor(s) are

Sponsor(s): Jasmine Pearse

Position: Quality and Environmental Manager

Appointed: September-2023

Net Zero Priorities

Composite Integration Ltd has the mitigation of GHG Emissions as a priority for the business, initially with a focus on Scope 1 & 2 emissions as well as key Scope 3 categories.

The company has implemented a number of initiatives during the year to both mitigate GHG Emissions as well as to expand the company's visibility and understanding of key categories of Scope 3 emissions.

The immediate aims of the company are as follows:

- Change to a renewable energy provider once current contract expires
- Engage and collaborate with parent company in pursuit of onsite solar
- Investigate feasibility of converting more vehicles within the fleet to Hybrids
- Investigate and develop a sustainable procurement policy
- Incentivise personal carbon footprint reduction
- Share ideas and best practices from beyond the workplace
- Engage and collaborate with parent company in pursuit of a Cycle to Work Scheme



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Emissions Summary

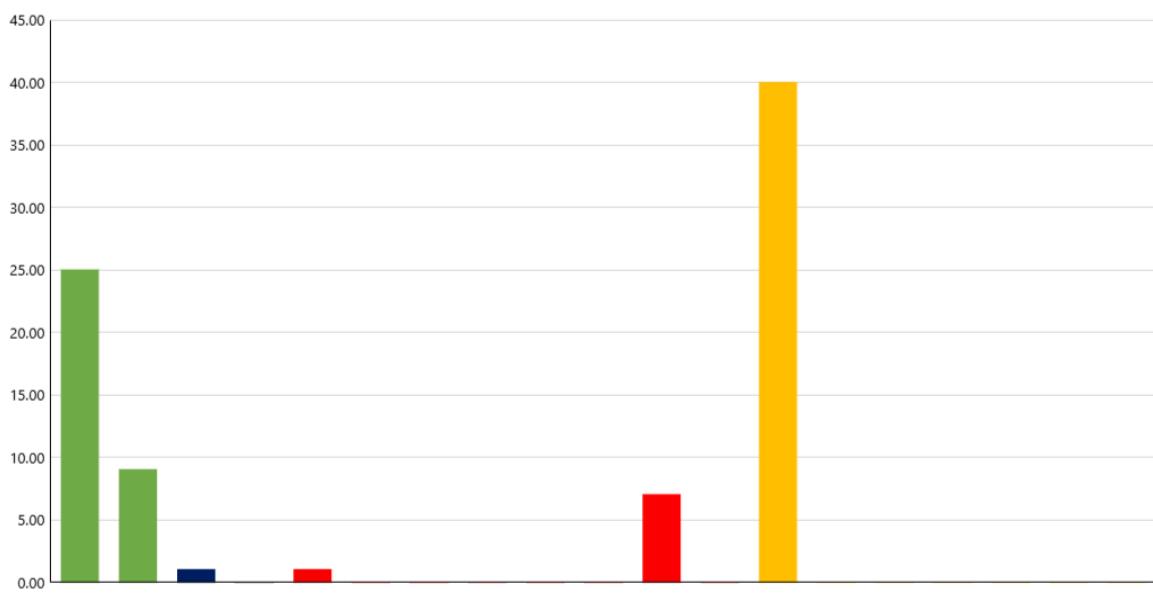
tonnes CO ₂ e	Baseline 2024 Reporting Year
Scope 1	33.48
Scope 2	1.19
Scope 3	47.23
Total	81.9

Emission Map

Composite Integration Ltd - Emissions Mapping by Scope & Category

Year: Jan 2024 – Dec 2024

	Fuels		Energy		Embedded in what you buy										As a consequence of what you sell								
	Scope 1	Scope 2	Scope 1	Scope 2	Scope 3 - Upstream										Scope 3 - Downstream								
Category Status	✓	✓	✓	✗	✓	✗	✓	✓	CNR	✓	CNR	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	
Total Emissions tonnes CO ₂ e	25	9	1		1		0		0		7		40										
% Reported Emissions	30	10	1		1		0		0		8		49										
tonnes CO ₂ e																							



✓	Reported	✗	Not Applicable	CNR	Category Not Reported
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Energy & Other Efficiency Projects – Information Available Upon Request

In progress projects

Site	Country	Project	Emission Impacted	Annual Reduction (%)	Carbon Impact (tonnes CO ₂ e)
No Data Found.					

Completed projects (reporting year)

Site	Country	Project	Emission Impacted	Annual Reduction (%)	Carbon Impact (tonnes CO ₂ e)
No Data Found.					

Completed projects (prior years)

Site	Country	Project	Emissions Impacted	Annual Reduction (%)	Carbon Impact (tonnes CO ₂ e)
No Data Found.					



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Scope 1 & 2 Emissions



Scope 1 - Direct Emissions

33.48 tonnes CO₂e

Emission Type	Unit	Volume	tonnes CO ₂ e
Gas	kwh	42,835	7.83
Fugitive Emissions	kg	25.22	17.07
Cars	miles	13,156	3.15
Vans	miles	13,458	5.42
Total			33.48



Scope 2 – Indirect Emissions

1.19 tonnes CO₂e

Emission Type	Unit	Volume	tonnes CO ₂ e
Electricity (Grid)	kwh	5,761	1.19
Total			1.19

Scope 3 Emissions – Analysis by Reporting Category



Scope 3: Category 1 – Purchased Goods & Services

0.72 tonnes CO₂e

Emission Type	Unit	Volume	tonnes CO ₂ e
Water Supply	m ³	175	0.03
Staff Working from Home	hours	2,065	0.69
Total			0.72



Scope 3: Category 3 – Fuel & Energy Related Activities

0.11 tonnes CO₂e

Emission Type	Unit	Volume	tonnes CO ₂ e
Transmission & Distribution - Electricity	kwh	5,761	0.11
Transmission & Distribution - Car Electric	kwh	0	0
Total			0.11



Scope 3: Category 4 – Transportation & Distribution

0 tonnes CO₂e

Transport type	Unit	Volume	tonnes CO ₂ e
Total			0



Scope 3: Category 5 – Waste Generated From Operations

0.1 tonnes CO₂e

Type of waste	Unit	Volume	tonnes CO ₂ e
Waste Disposal	tonnes	10.61	0.07
Water Treatment	m ³	175	0.03
Glass	tonnes	0.07	0
Batteries	tonnes	0.133	0
Total			0.1



Scope 3: Category 6 – Business Travel

0 tonnes CO₂e

Emission Type	Unit	Volume	tonnes CO ₂ e
Total			0



Scope 3: Category 7 – Employee Commuting

6.53 tonnes CO₂e

Emission Type	Unit	Volume	tonnes CO ₂ e
Cars	miles	23,730.6	5.87
Bus	km	351.48	0.04
Rail	km	17,438.88	0.62
Total			6.53



Scope 3: Category 9 – Transportation & Distribution

39.78 tonnes CO₂e

Transport type	Unit	Volume	tonnes CO ₂ e
Customer Deliveries	tonne.km	1,147,322.46	39.78
Total			39.78



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Immediate Carbon Reduction Priorities

The need for taking immediate and bold action on climate change is being increasingly recognised by businesses, government and the general population. **Composite Integration Ltd** recognises that its activities have an impact on the environment and are committed to minimising any adverse impact wherever practical.



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Data Declaration

Composite Integration Ltd categorises its Greenhouse Gas (GHG) emissions as Scope 1, 2 & 3 as referred to in the WBCSD – WRI Greenhouse Gas Protocol (revised edition, dated March 2014). Emissions in Carbon Dioxide equivalent (CO₂e) for all scopes are calculated using the conversion factors listed in BEIS/DEFRA Greenhouse Gas Conversion factors for the relevant 12 month period over which the emissions are calculated. Procured renewable electricity and gas is calculated in accordance with the WBCSD – WRI Scope 2 Guidance on procured renewable energy (2015).

Data Quality / Confidence

The data used to generate this report has been collected from various sources from within the company and its stakeholders. Where available emissions have been converted to CO₂e using the published Conversion Factors published by BEIS/DEFRA for the relevant 12 month Reporting Period.

Scope 3 Emissions

Composite Integration Ltd is committed to measure and act to reduce its emissions in all 3 scopes. This report reflects the amount of Scope 3 emissions that it has been technically feasible and cost effective to measure and act against. **Composite Integration Ltd** remains committed to work with its entire value chain to ensure as much of its Scope 3 emissions can be accurately measured and to develop actions that target long term reductions aligned to Science Based targets.

Carbon Removals & Offsets

As part of the commitment of **Composite Integration Ltd** to target reductions in its GHG emissions and, ultimately, attain Net Zero the company will review and report all carbon removals and offsetting that it uses. All removal and offsetting options will be considered and reported including formally certified schemes (e.g. Gold Standard) as well as more informal schemes.

Third Party Verification

The data in this report has been produced using the notch accounting platform and verified by Chris Phillips

Carbon Removal & Offset Schemes used in Reporting Year

OPCO	Scheme Name	Details	tonnes CO ₂ e
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Signature

Signed on behalf of **Composite Integration Ltd**

Name :

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Position :

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Signed :

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Signed on behalf of **Example Company**

Name :

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Position :

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Signed :

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