

Carbon Reduction Plan

Supplier name: Datesand Ltd

Publication date: 20/08/24

Commitment to achieving Net Zero

Datesand Ltd is committed to achieving Net Zero emissions by 2040.

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.

Datesand is genuinely concerned about climate change and has had a long-standing environmental policy. In 2020 we wanted to go further and sought to achieve ISO 14001:2015 which then led us to measure our Carbon Footprint. Datesand started recording scope one & 2 Emissions as of 1st April 2020. The period between 1st April 2020 and the 31st of March 2021 is the baseline year. Datesand operates for a single facility which uses electricity only - Scope 2. Datesand has a small Fleet of vehicles of company vehicles including a LGV and car, all vehicles diesel fuel, fuel consumption is measured by way of fuel cards in Litres. There are no other direct emissions that would fall under Scope 1

Baseline Year: 1st April 2020 – 31st March 2021
Additional Details relating to the Baseline Emissions calculations.
Datesand has engaged with Inspired Energy PLC to prepare and assist with Energy and Carbon reporting for Scope 1 and 2 Emissions. Currently we have not included Scope 3 in the measurement, focusing initially on becoming carbon neutral for scope 1&2 and achievement of ISO 14001:2015. We have plans following the recent completion of a journey to net zero training programme to start measuring, setting targets for scope 3 emissions and continue our journey to become Net Zero. We have a better understanding of scope 3 and have the tools and resources to start to measure and implement controls and initiative to reduce the GHG emissions. We have made a commitment to collect the necessary data and work through the action plan within 12 months of completion of the JTNZ programme - October 22 We have selected to use £m sales revenue= Full Time carbon intensity Metric.
Baseline year emissions: 1st April 2020 – 31st March 2021

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	8.81
Scope 2	25.29
Scope 3 (Included Sources)	N/A
Total Emissions	34.10

Current Emissions Reporting

Reporting Year: 1 st April 2023 – 31 st March 2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	12.76
Scope 2	18.08
Scope 3 (Included Sources)	N/A
Total Emissions	30.84

Emissions reduction targets

As an organisation we have set our targets to achieve Net Zero By 2040 which. We have also set a target of 50% reduction in GHG emissions by 2030. To achieve this, we will need to make a 7% reduction year on year.

And set a target to be Carbon Neutral by 2025.

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets.

We have aligned our targets to the SBTi standard - 90% reduction by 2040 to reduce the risk of average global temperatures increasing by 1.5C (based on pre-industrial levels) human caused GHG emissions.

We have selected £m sales revenue= Full Time as our carbon intensity Metric.

We project that carbon emissions will decrease over the next five years to 22.17 tCO₂e by 2025 -26. This is a reduction of 35% from the baseline year.

Once we have measured the baseline for selected scope 3 emissions and included with cope 1&2, we will map out our progress against the projected reduction vs Actual. We will publish this progress annually on our website.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2020-21 baseline. The carbon emission reduction achieved by these schemes equate to 7.43tCO₂e, a 21.79% reduction against the 2020-21 baseline and the measures will be in effect when performing the contract.

2020-21	5.63 tCO₂e per £m sales revenue
2021-22	3.86 tCO₂e per £m sales revenue
2022-23	4.10 tCO₂e per £m sales revenue
2023-24	4.37 tCO₂e per £m sales revenue

As you can see there has been an increase, this is owing to additional vehicle being purchased for a new employee. We have also seen an increase in in-person visits to customers following the covid restrictions lifting and facilities opening up.

Table 3: Datesand Limited Total Emissions Intensity Metrics

Intensity Metrics	Location-based tCO ₂ e		Market-based tCO ₂ e	
	FY2023/24	FY2022/23	FY2023/24	FY2022/23
Total Turnover (£m)	7.06	7.04	7.06	7.04
All Scopes tCO ₂ e per Turnover (£m)	4.37	4.10	1.81	N/A*
Percentage change	6.54%		N/A*	
Total Full Time Equivalent (FTE)	31	31	31	31
All Scopes tCO ₂ e per FTE	0.99	0.93	0.41	N/A*
Percentage change	6.78%		N/A*	
Total Floor Area (ft ²) ('000)	33	33	33	33
All Scopes tCO ₂ e per Floor Area (ft ²) ('000)	0.93	0.88	0.39	N/A*
Percentage change	6.78%		N/A*	

*Market-based emissions for FY2022/23 were not calculated at the time of previous reporting and have been indicated with N/A in the table above.

The table above shows the total emissions intensity metrics that we calculate, the market based tCO₂e considers the fact we purchase 100% renewable energy. As you can see this is as low as 0.39 tCO₂e for total floor area (ft.sq) ('000)

Please see below a list of completed carbon reduction projects

Credentials

- Achieved ISO 14001:2015 In June 2021 – established aspects and impacts, set objectives and integrated management system which sets out our environmental management measures along with the Environmental Policy.
- Aligned to our objectives and targets to the SBTi standard.
- Registered Commitment to Net Zero with SME Climate Hub – October 2022
- Environmental Policy – annual review and updates – sign off by CEO
- Completion of journey to Net Zero Programme – Business Growth Hub, October 2022
- Completion of B-Corp Impact Assessment with a view to achieving the standard within 2 years – December 2023
- Member of the Stockport Economic Alliance
- Member of Bredbury Business Group
- Part of the Stockport Climate Action Now Forum – Datesand were invited to speak at the Climate Action Business Forum on the topic of engaging colleagues with sustainable travel and transport
- NHS Evergreen Level 1 - Achieved 

Energy efficiency projects

- 50KW PV System Installed – March 2021
- 74KW PV System Installed – October 2023
- Installation of motion detection PIR LED Lighting throughout the facility, replacing very inefficient sodium High bays within the warehouse. – Aug 2021
- Reduced business travel embracing video conferencing – Sustainable Business Travel Policy in place
- Scrapped old LGV vehicle and purchased smaller more efficient vehicle with Euro6 engine.
- New hybrid Diesel/Electric x 3 and 1 x full EV purchased
- On site EV charging X 4 with Solar integration – June 2023
- Consolidating of deliveries and maximising pallets and loads
- Flexible working arrangement to reduce commuting to work
- Green renewable energy – Green tariff (no longer supply – Opus – Half hourly metering installed

- Reduced plastic use, especially single use plastics or virgin material.
- Reduced printing and paper use, embracing a paper free office.
- Minimise waste from products and packaging
- Segregate waste to maximise recycling opportunities and generate income.
- Planting Trees through Tree Nation with the potential to capture 1027tonnes Co2. In effect Datesand is Carbon negative based on the scope 1 & 2 emission for the current period.
- Independent Energy and resource efficiency Survey - June 2021. Identified 5 energy saving initiatives. All actions completed including adjusting temperature control and timers.

					Electricity		Gas		PORTFOLIO ANNUAL TOTALS				
Energy Saving Initiative No	Energy Saving Initiatives (ESI)	Category	Total Energy Used for System	Estimated Project Cost	System Energy Saving	System Energy Saving	System Energy Savings	System Energy Saving	Total Utility Energy Saving	Total Utility Energy Saving	Total Annual Cost Savings	Total Annual Carbon Savings	Simple Payback Period
			kWh		kWh	%	kWh	%	kWh	%	£	KG CO ₂	Years
1	70w SON Lamps	Energy Reduction	286	£0	286	100%	0	0	286	0.2%	£46	66	0.0
2	Compressed Air Systems	Energy Reduction	19,710	£400	3,942	20%	0	0	3,942	3.4%	£631	911	0.6
3	Fork Lift Truck Chargers	Energy Reduction	11,574	£1,200	1,157	10%	0	0	1,157	1.0%	£185	267	6.5
4	Electric Heater Controls	Energy Reduction	1,224	£200	612	50%	0	0	612	0.5%	£98	141	2.0
5	Ac Control Offices	Energy Reduction	6,324	£0	632	10%	0	0	632	0.5%	£101	146	0.0
Totals				£1,800	6,629		0		6,629	5.7%	£1,061	1,532	1.7

In the future we hope to implement further measures such as:

- Working to align with PAS 2060:2014 certified – specification for the demonstration of Carbon Neutrality.
- Recognised as a B-Corp
- Add battery storage solution for night usage.
- Wind Generation technology – ridge wind turbines
- Ensure deliveries of products outside of peak travel times.
- Reduce, repair, reuse, recycle or donate wherever possible.
- Responsibly source materials or services to ensure they are as green as possible.
- Innovate and re-design products and services to minimise their emissions and waste.
- Introduce a cycle to work scheme.- Increased provision for Cycle storage
- Working Group to Improve public transport to the Industrial estate - share ideas and knowledge for the reduction of Carbon

- Offset the carbon we cannot reduce and ensure you are using credible off-setting schemes such as Gold Standard off-sets.

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) and is committed to the annual review of the CRP.

Signed on behalf of the Supplier:



Stephen Barlow

Operations and Quality Manager

Date: 20/08/24

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>