Carbon Reduction Plan

Company / Organisation Name: Six Degrees Technology Group Limited

Published Date: August 2023

1. Commitment to achieving Net Zero

Six Degrees Technology Group Ltd is committed to achieving Net Zero emissions by 2050.

2. 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. We have chosen our baseline year to be 01/04/2021 - 31/03/2022.

Baseline Year: 01/04/2021 - 31/03/2022	
Additional details relating to the Baseline Emissions calculations: No previous reporting captured therefore this is our baseline provision.	
EMISSIONS	**TOTAL (tCO$_2$e)**
Scope 1	17.59
Scope 2 (location-based)	3420.97
Scope 3 including: 4. Transportation & Distribution (Upstream) 5. Operational Waste & Water 6. Business Travel 7. Employee Commuting & Home Working 9. Transportation & Distribution (Downstream)	 14.66 17.29 78.84 154.63 0
Total Emissions	**3703.97**

3. Current Emissions Reporting

Reporting Year: 01/04/2022 - 31/03/2023	
EMISSIONS	**TOTAL (tCO$_2$e)**
Scope 1	17.92
Scope 2 (location-based)	3093.92
Scope 3 including: 4. Transportation & Distribution (Upstream) 5. Operational Waste & Water 6. Business Travel 7. Employee Commuting & Home Working 9. Transportation & Distribution (Downstream)	 31.14 4.24 30.03 131.72 0
Total Emissions	**3308.97**

This equates to a Carbon Intensity per employee of **7.57** tCO$_2$e based upon 450 employees during the measurement period.

4. Emissions reductions targets

To progress towards Net Zero, this plan sets carbon reduction targets for the 7-year period to 2030. During this time, targets will be set for the remaining period to ensure Net Zero will be achieved by our target date.

We are aiming to reduce our absolute carbon emissions by at least 90% from our baseline year or achieve (and maintain) a carbon intensity metric of <1 tonne CO$_2$e per employee, whichever comes soonest. This is in line with science-based Net Zero targets. To keep ourselves on track with these long-term targets, we have set the following goals:

o Reduce our Scope 1 & 2 emissions by 50% from our baseline year by 2030.
o Reduce our Scope 3 emissions by 30% from our baseline year by 2026.
o Reduce our Scope 3 emissions by 50% from our baseline year by 2030.

We project that carbon emissions will decrease over the next 5 years to **2026** tCO$_2$e by 2028. This is a reduction of **40%**

Progress against these targets can be seen in the graph below:

Scope 1, 2 and 3
Actual v Target

	FY 21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	FY30/31	FY31/32	FY32/33	FY33/34	FY34/35	FY35/36	FY36/37	FY37/38	FY38/39	FY39/40
Total Scope 3: Indirect emmissions	265.42	197.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total - Scope 2: Energy emmissions	3420.97	3093.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total - Scope 1: Gas and Transportation	17.59	17.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Target Scope 1, 2 & 3 CO2e tonne	3703.98	3404.68	3132.48	2877.38	2639.75	2429.75	2236.85	2059.05	1892.25	1755.07	1633.42	1531.82	1436.27	1345.77	1260.27	1174.82	1094.92	1020.02	950.67

5.   Carbon Reduction Projects

5.1.   Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed, or implemented, since the 2022 baseline. The carbon emission reduction achieved by these schemes equates to **336.25** tCO$_2$e, an **11%** reduction against the 2022 baseline and the measures will be in effect when performing the contract.

Activity	Completion date	Scope
Commit to measuring carbon footprint aligned to Streamlined Energy and Carbon Reduction and Public Sector Procurement Notice PPN06/21 for the business activities to gain an understanding of pinch points and regularly be making efficient and direct improvements to reduce these emissions.	2022	1,2,3
Create a Green Team to lead initiatives. This team has been made up of members of different departments to support the role out of initiatives and management of data, this includes sharing and collaborating throughout the organisation.	2023	1,2,3
ISO 9001 Quality certification.	2021	1,2,3
ISO 14001 Environmental certification.	2024	1,2,3
Alignment to relevant Sustainable Development Goals	2023	1,2,3
Removal of Gas from office estate	2022	1
Implement sustainable procurement policy	2023	3

6. Future Carbon Reduction Plans

In the future we hope to implement measures such as:

Scope 1 and 2 Activity	Target Date	% Reduction Target	Category
We/landlord to implement low-cost options such as reducing the boiler temperature and adding heat & solar control reflective window sheets.	2030	5%	Stationary Combustion
We will implement behaviour change initiatives within the workplace for reduction of emissions, including clear messaging for turning off lights, monitors, computers, and other electrical appliances where appropriate.	2025	20%	Purchased Electricity
Review and renew inefficient equipment (when at end of life), and actively consider the energy efficiency of equipment when new purchases are required (e.g., laptops, fridges, dishwashers).	2025	3%	Purchased Electricity
We/landlord to procure a 100% renewable electricity tariff. This change will reduce market-based emissions.	2026	100% (market-based)	Purchased Electricity
To completely reduce market and location-based energy emissions to zero, install on-site renewable energy generation technologies such as solar PV panels, solar heating, heat pumps (following an energy audit to assess feasibility and payback periods), to generate 100% of heating and energy demand.	2050	100% (location-based)	Purchased Electricity

We also aim to implement initiatives below to reduce scope 3:

Activity	Target Date	% Reduction Target	Category
Consider training and engagement for the Green Team, leadership, and the wider employee base.	2023	5%	Commuting & Homeworking, Purchased Goods & Services, Capital Goods, Business Travel
Create spaces for environmentally positive / sustainability conversations and share environmental goals and objectives with suppliers, employees, board members and customers through Sustainable Business report	2023	5%	Commuting & Home Working, Purchased Goods & Services, Capital Goods, Business Travel
Encourage suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, procurement policies and contracts, and monitoring reporting mechanisms.	2024	20%	Purchased Goods & Services, Capital Goods

Activity	Target Date	% Reduction Target	Category
Commit to a Sustainability Audit or Survey to request further information regarding credentials.			
Ensure regular maintenance of all assets to minimise the need for unnecessary / early replacements and extend the lifespan of goods.	2025	5%	Capital Goods
Review logistics partners/couriers and utilise Sustainable Procurement Policy. Work with providers to gather their emissions data, and/or switch to lower-carbon providers.	2025	20%	Upstream Distribution, Downstream Distribution
Improve access to recycling stations around all premises and use signage to increase recycling of all waste types.	2023	2%	Waste & Water
Choose a waste provider with strong waste-to-energy credentials.	2024	20%	Waste & Water
Prioritise purchasing from local suppliers to limit delivery mileage wherever appropriate.	2023	1%	Upstream Distribution, Downstream Distribution
Develop and implement a Sustainable Travel Policy to support environmental impact of choices when travelling, staying in hotels, and commuting. The priorities within this policy will support active travel and low emission travel options where appropriate utilising the emissions travel hierarchy – Digital communication Walking & wellbeing Cycling Public and shared transport Public and shared EV's and car sharing ICE vehicles and car sharing Air Travel	2024	15%	Business Travel
Commit to offering support to workforce with options for active travel schemes, such as cycle to work and car sharing opportunities.	2023	5%	Commuting & Homeworking
Educate employees on the benefits of choosing 100% renewable energy, EVs and other sustainable practices at home.	2024	10%	Commuting & Homeworking

7. 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 standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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) Standard.

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:

simon crawley-trice
simon crawley-trice (Aug 8, 2023 11:21 GMT+1)
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Date: Aug 8, 2023
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