FIMATIX

Carbon Reduction Plan

Commitment to achieving Net Zero

Fimatix UK 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.

Baseline Year: June 2020 - May 2021	
Additional Details relating to the Baseline Emissions calculations.	
Our report was prepared in accordance with the methodology of BS EN ISO 14064- 1:2019; Quantification and reporting of greenhouse gas emissions and removal with guidance from the Greenhouse Gas Protocol and SECR guidelines. The assessment quantification adheres to the Department for Environment, Food and Rural Affairs (Defra) guidance on quantifying and reporting greenhouse gas emissions. The assessment provides a baseline inventory against which carbon reduction achievements can be measured, monitored, and reported. The quantification and analysis provided facilitates the setting of a strategic target for carbon reduction, identification of areas of focus for carbon reduction efforts and facilitates monitoring of progress towards those targets. Of the total scope 3 emissions, business travel by car makes up just under 92%.	
Baseline year emissions:	
EMISSIONS	**TOTAL (tCO$_2$e)**
Scope 1	**0.42**
Scope 2	**0.16**
Scope 3 (Included Sources)	**6.03** **Breakdown:** **Water supply & Treatment:** 0.02 **Business travel Private cars:** 5.54 **Hotel stays:** 0.06 **Waste Disposal:** 0.34 **Other:** 0.07
Total Emissions	**6.61**

Fimatix Roadmap to Net Zero Carbon Table 1 shows how Fimatix plan to achieve Net Zero Carbon (Figure 6). 25.3% would be achieved from carbon emission reduction through implementation of the strategic carbon reduction initiatives.
The necessary residual emissions that remain will be offset to achieve a net carbon emissions position of zero.

Table 1 Fimatix Roadmap to Net Zero Carbon

Carbon Reduction Initiative	Reduction Achievable Tonnes CO_2e	New Carbon Footprint Tonnes CO_2e
Baseline	0.000	6.61
Apply a company policy to purchase gas from a supplier where emissions from gas supplied are offset by the supplier and switch to that supplier	0.209	6.401
Implement a policy to incentivise private uptake of Evs, increase remote business meetings, increase train travel as an alternative to car travel for employees	1.39	5.011
Apply a company policy to purchase electricity from a supplier certified to generate electricity from renewable sources	0.06	4.951
Monitor and record remote electricity usage to raise awareness and encourage behavioural changes to reduce electricity usage	0.02	4.931
Offset necessary residual emissions	5	-0.069
Percentage reduction achievable		25.3 %
Offset that remains - tCO_2e	5	-0.069

We project that carbon emissions will decrease over the next five years to 4.931 tCO2e by 2030. This is a reduction of 25.3%

Offsetting has been implemented to take Fimatix to Carbon Negative from Jan 2022

Carbon Reduction Projects

The implementation of remote working as a company policy following the COVID-19 pandemic. This will likely have reduced business activity emissions from 2019 levels significantly, and a continuation of this policy is necessary to further reduce emissions and maintain emission targets.

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

Consistently aim to improve environmental performance by creating a culture of awareness and education within the company, as well as representing the company as a lead on environmental issues in day-to-day business activities.

Encourage and incentivise remote workers to implement forms of energy in gas and electricity that derive from suppliers who utilize renewables and offset their own emissions.

Adhere to all UK and global legislation relating to climate change targets and emission reductions.

Encourage further remote carbon reductions, through the use of public transportation such as train travel, investing in electrical vehicles, or walking and cycling wherever possible.

Implementing further reductions to travel use by encouraging video conferencing and online meetings through Zoom, Microsoft Teams etc.

Utilize the process of carbon offsetting by planting trees to further reduce Fimatix UK Ltd's carbon footprint. This can be done as a project in the UK or abroad.

Encourage the monitoring and recording of remote working electricity usage in order to raise awareness and adjust behaviours, such as remembering to turn off work equipment i.e., laptops and monitors, and turning off lights when leaving rooms.
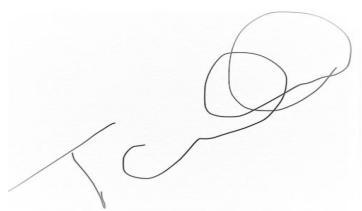
Declaration and Sign Off

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[1] and uses the appropriate Government emission conversion factors for greenhouse gas company reporting[2].

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[3].

This Carbon Reduction Plan has been reviewed and signed off by the board of directors

Signed on behalf of Fimatix:

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(Update) Date: 10th Jan 2022

Tim Howarth

CEO
Fimatix UK Ltd

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[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