Carbon Reduction Plan

Supplier name: MEDILOGIK Limited

Publication day: 25/10/2024

Commitment to achieving Net Zero

MEDILOGIK Limited 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: 2024

Additional Details relating to the Baseline Emissions calculations.

To improve quality of our reporting, MEDILOGIK have worked with external experts to re-baseline our emissions and have aligned the reporting year to our financial year rather than a calendar year. As MEDILOGIK LTD has no office premises and does not have leasing or direct fuel costs only Scope 3 emissions are reportable. MEDILOGIK are a pure Software as a Service company, so have no manufacturing emissions to report.

Baseline year emissions:

EMISSIONS	TOTAL (tCO2e)
Scope 1	0.00 tCO2e
Scope 2	0.00 tCO2e
Scope 3 (Included Sources)	226.8 tCO2e
Total Emissions	226.8 tCO2e

Scope 3 (Included Sources)

- Purchased goods and services – 221.6 tCO2e
- Business travel – 0.74 tCO2e
- Office Emissions - Homeworker electricity – 1.2 tCO2e
- Office Emissions – Homeworker gas emissions – 3.3 tCO2e
- Employee commuting 0 tCO2e
- Waste generated in operations 0 tCO2e
- Upstream transportation and distribution 0 tCO2e
- Downstream transportation and distribution 0 tCO2e

Current Emissions Reporting

Reporting Year: 2024	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO2e)
Scope 1	0.00 tCO2e
Scope 2	0.00 tCO2e
Scope 3 (Included Sources)	226.8 tCO2e
Total Emissions	226.8 tCO2e

Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to 113.42 tCO2e by 2030. This is a reduction of 50%

To achieve Net Zero, MEDILOGIK has set the following carbon reduction targets:

2030: Achieve a 50% reduction in total emissions.

2050: Achieve Net Zero emissions across all operation

As 2024 is a baseline report, MEDILOGIK are unable to provide a graph to demonstrate previous reductions, from 2025 MEDILOGIK's Progress against these targets will be seen in a graph.

Carbon Reduction Projects

Completed Carbon Reduction Initiatives

Due to 2024 being MEDILOGIK's baseline year, we have not yet completed any specific carbon reduction initiatives. However, since 2021 MEDILOGIK has been a completely remote business, and have wherever possible been reducing staff travelling to customer sites.
In the future we hope to implement further measures such as:

1. Supplier Collaboration (Microsoft)

- **Engage Microsoft**: As Microsoft aims for carbon-negative by 2030, MEDILOGIK can align its procurement strategies with Microsoft's sustainability initiatives, using Microsoft's cloud services (e.g., Azure) that prioritise low-carbon and renewable energy sources.

- **Transparency in Carbon Accounting**: Collaborate with Microsoft to ensure transparent data on carbon emissions across its software and hardware products. MEDILOGIK can select Microsoft tools that minimise environmental impact.

2. Staff training and customer collaboration

- **Encouraged use of public transport when on work visits** Working with the team to use public transport when visiting customer sites or attending work events by creating a sustainable travel policy for employees.
- **Encouraging customers to use virtual meetings rather than in person visits or training** Working with our customers to understand the benefits of remote training and meetings.

3. Sustainable Manufacturing of Products

- **Reduce Emissions from Hardware Production**: If MEDILOGIK produces or relies on hardware components, they can transition to manufacturers who are committed to sustainable practices, such as using recycled materials or adopting energy-efficient production technologies.

3. Green Supply Chain Initiatives

- **Sustainable Sourcing of Materials**: Engage suppliers who use recycled or eco-friendly materials in their processes. For instance, prioritise sourcing from manufacturers that implement circular economy principles.

- **Collaborate with Local Suppliers**: Reduce transport emissions by sourcing materials from local suppliers who meet sustainability criteria.

- **Supply Chain Decarbonization**: Work with suppliers on reducing emissions across the supply chain, through shared goals, carbon-neutral delivery methods, or eco-friendly packaging.

4. Carbon Footprint Tracking and Monitoring

- **Integrated Carbon Tracking Software**: Utilise carbon accounting tools provided by Microsoft, such as those integrated with Microsoft Azure, to track and report emissions throughout the supply chain and manufacturing stages.

- **Lifecycle Assessments**: Conduct product lifecycle assessments to identify the carbon footprint at each stage of manufacturing, allowing targeted interventions in energy-heavy or wasteful areas.

5. Circular Economy and End-of-Life Product Management

- **Design for Recycling**: engage with our suppliers to ensure any psychical products are easier to recycle, and ensure parts are recyclable or biodegradable where possible. Collaborate with manufacturers to design products with a longer lifecycle.

- **Product Take-Back Programs**: Initiate product take-back schemes to recover and recycle used products, contributing to a circular economy and reducing e-waste.

6. Green Packaging Solutions

- **Sustainable Packaging**: Transition to minimalistic, recyclable, or compostable packaging for any physical products. Work with suppliers to minimize the use of plastic and focus on eco-friendly alternatives such as biodegradable materials.

- **Supply Chain Efficiency**: ensure any supplier Implements smart packaging solutions that reduce space and weight in transport, further reducing carbon emissions from logistics.

7. Reduction of Digital Emissions

- **Optimise Software**: Collaborate with our cloud software suppliers to use energy-efficient cloud solutions and optimize software development to reduce the computational load, which can lower server energy usage.

- **Adopt Low-Carbon Servers**: Opt for hosting on data centres that are powered by renewable energy, further reducing MEDILOGIK digital emissions.

8. Carbon Offsetting and Renewable Energy Credits

- **Offset Residual Emissions**: Purchase carbon offsets or Renewable Energy Credits (RECs) for emissions that cannot be eliminated, ensuring MEDILOGIK remaining carbon footprint is offset. This will also be offered to customers to offset their implementation emissions.

- **Partnership with Sustainable Energy Providers**: Partner with manufacturers who run on renewable energy or purchase renewable energy credits for all manufacturing facilities.

Declaration and Sign Off

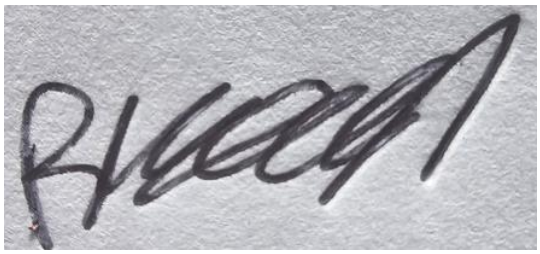
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

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:



Ryan Beegan

Date: 25/10/2024