

January  
2023

# United Kingdom Carbon Reduction Plan

Supplier: Alinea International Ltd. (UK)

Updated: January 2023



# 1 Carbon Reduction Plan

**Supplier Name:** Alinea International Ltd. (UK)

**Carbon Reduction Plan Updated:** January 2023

**Commitment to Achieving Net Zero:** Alinea International Ltd. is committed to achieving Net Zero Greenhouse Gas (GHG) emissions by 2050. Alinea International UK Ltd. (Alinea UK) is a subsidiary of Alinea International Ltd. (Alinea International) based in Canada.

## 1.1 Baseline Emissions Footprint (UK) - 2019

Baseline emissions are a record of the GHG emissions that were generated in a preselected calendar year by the company prior to the introduction of any strategies for their reduction. Baseline emissions are the reference point against which emissions reductions are measured. The year 2019 was selected as the baseline year for Alinea International and its subsidiary Alinea UK.

Baseline Year: 2019
Additional Details Relating to the Baseline Emissions Calculations
<p>Alinea International has prepared Carbon Reduction Plans for both its Canadian and UK entities. This Carbon Reduction Plan, for Alinea UK, covers emissions associated with Alinea International's UK operations. The plan was completed in accordance with the GHG Protocol's Corporate Accounting and Reporting Standard using the operational control consolidation approach. Scope 3 emissions were included for the following categories: upstream transportation and distribution, downstream transportation and distribution, business travel, homeworking, employee commuting, water treatment and supply, waste generated in operations, and transmission and distribution losses from Scope 2 energy.</p> <p>The baseline 2019 assessment was carried out in accordance with the UK Government Procurement Policy Note (PPN) 06/21. The baseline assessment found no GHG emissions associated with Alinea International's UK subsidiary operations. GHG emissions were zero because Alinea International did not have any physical offices in the UK. Alinea International only operated via subcontractors, which fall outside the scope of PPN 06/21 Carbon Reduction Plan requirements. The GHG emissions associated with Alinea UK operations were determined to be 0 tCO<sub>2</sub>e as shown below.</p>

2019 Baseline Year Emissions (UK)	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0
Scope 2	0
Scope 3 (Included Sources)	0
Total Emissions	0

## 1.2 2020 Emissions Reporting (UK)

2020 Emissions Reporting (UK)
<p>The 2020 assessment, carried out in accordance with PPN 06/21, continued to find no GHG emissions associated with Alinea UK operations. Alinea UK did not have a physical office in the UK in 2020. Alinea UK only operated via subcontractors, which fall outside the scope of the PPN 06/21 Carbon Reduction Plan requirements. The GHG emissions associated with Alinea UK operations for 2020 were determined to be 0 tCO<sub>2</sub>e as shown below.</p>

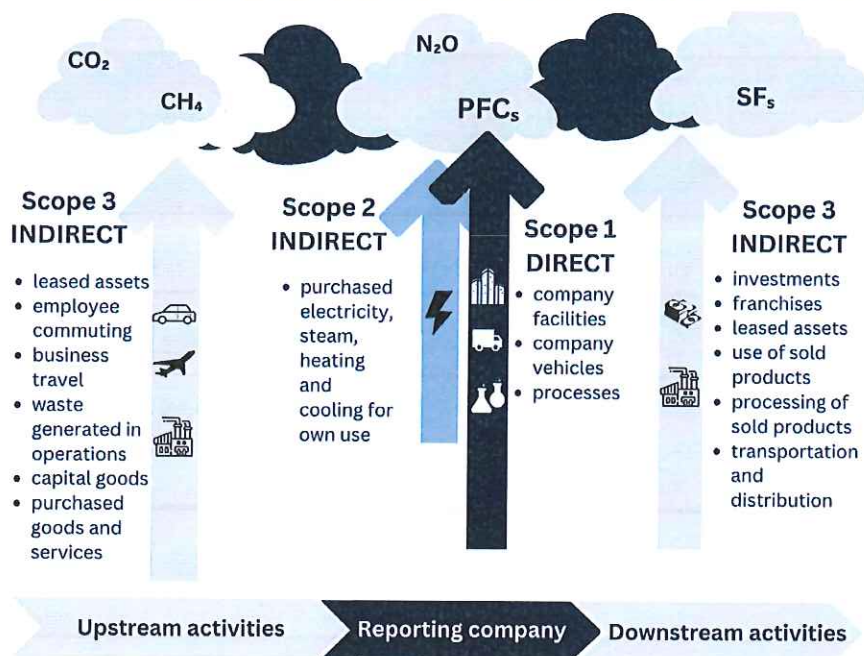
2020 Emissions (UK)	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0
Scope 2	0
Scope 3 (Included Sources)	0
Total Emissions	0 tCO <sub>2</sub> e

### 1.3 2021 Emissions Reporting (UK)

2021 Emissions Reporting (UK)	
Alinea UK's GHG emissions in 2021 were recorded at 2.057 tCO <sub>2</sub> e. Emissions have risen above the 2019 baseline in 2021 because Alinea International initiated UK-based work-related activities. Emissions generated reflect work-from-home.	

2021 Emissions (UK)	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0
Scope 2	0
Scope 3 (Included Sources)	2.057
Total Emissions	2.06 tCO <sub>2</sub> e

### 1.4 Graphic Representation of Alinea International Ltd. Carbon Emissions





## 1.5 Emissions Reduction Targets

Alinea International as a corporation is committed to achieving Net Zero by 2050 for all GHG emissions. In order to ensure progress towards achieving Net Zero, Alinea UK has adopted an interim target for 2035 in line with Science Based Targets Initiative's criteria for a 1.5-degree scenario under the Absolute Contraction Approach.

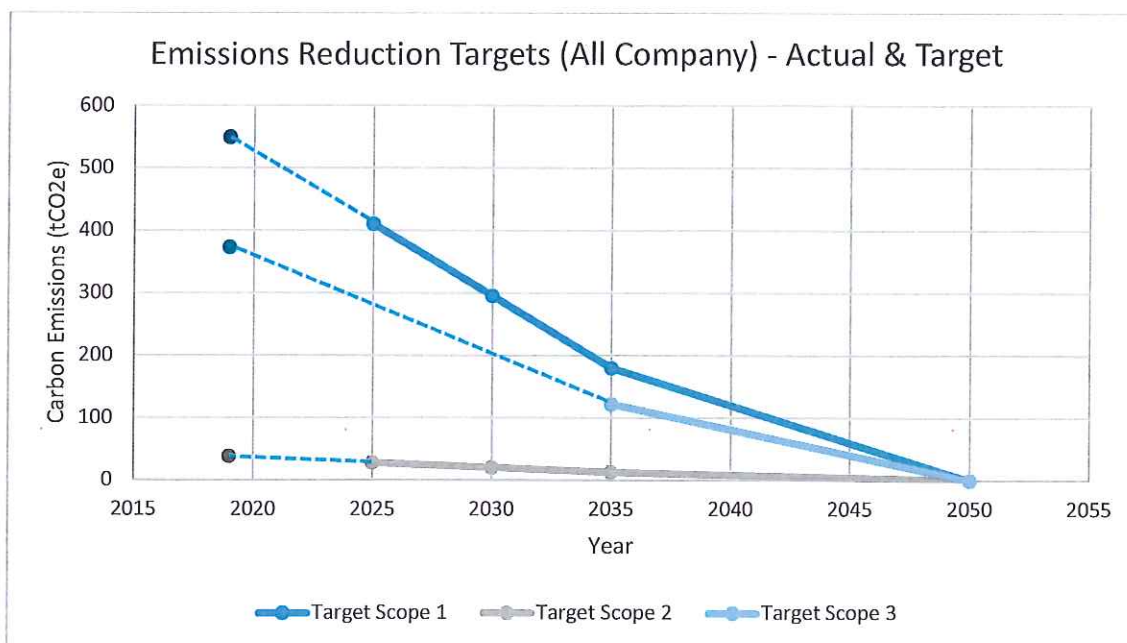
The science-based emissions reductions targets for Alinea International are provided below and apply to Alinea UK. Note that these targets reflect the total carbon footprint of Alinea International and include UK operations. This approach was taken in recognition that although current emissions of UK operations were low, they were part of Alinea International's overall footprint and will need to be managed to meet UK Government as well as internal corporate targets. Relative to the 2019 Alinea International baseline, the 15-year target (to 2035) represents a reduction in carbon emissions of 67.2%. Scope 1 emissions will be reduced from 550 tCO<sub>2</sub>e to 180.4 tCO<sub>2</sub>e; Scope 2 emissions will be reduced from 38.3 tCO<sub>2</sub>e to 12.5 tCO<sub>2</sub>e; and Scope 3 emissions will be reduced from 374 tCO<sub>2</sub>e to 122.7 tCO<sub>2</sub>e.

Although GHG emissions in Alinea UK offices are small, current and any future emissions will be subject to meeting the 2035 target and Net Zero by 2050. This will be achieved by utilizing a work-from-home or shared office space model with an emphasis on virtual meetings.

The table below summarizes Alinea International's total emission target commitments, which include the UK operation.

Year	Target Emissions (tCO <sub>2</sub> e)		
	Scope 1	Scope 2	Scope 3
<b>2019 - Actual</b>	550	38.3	374
<b>2025</b>	411.4	28.4	
<b>2030</b>	295.9	20.4	
<b>2035</b>	180.4	12.5	122.7

The science-based targets and path to Net Zero by 2050 are shown below. The dotted lines represent the required path from the 2019 baseline to achieving the projected targets.



## 1.6 Carbon Reduction Program Initiatives

### 1.6.1 Overview

Prompted by the UK Government's procurement requirements instituted in 2021, work was undertaken to determine carbon emissions for Alinea International. A baseline year was established (2019) and two operating years of data (2020 and 2021) have been collected. Initiatives for the management/reduction of carbon emissions have been identified and are described below.

### 1.6.2 UK Office Operation Initiatives

Carbon emissions in the UK were identified for the first time in 2021. Alinea UK is implementing carbon reduction measures to reduce the amount generated. Initiatives to be undertaken going forward include preference for virtual meetings where possible, promoting carbon conscious modes of transportation, and utilizing shared office space. In addition, UK office operations will follow overarching Alinea International initiatives identified in the next section.

## 1.7 Alinea International Initiatives

### 1.7.1 Flight Initiatives

In 2022, all carbon emissions from Alinea International corporate and project-related flights will be tracked utilizing airline-based certifiable and verifiable processes. The carbon offset investment required for all Alinea International corporate flights taken in 2022 will be determined to understand implications. Based on 2022 flight analysis, in 2023, Alinea International will assess whether to begin purchasing carbon offsets for all flights undertaken.

### 1.7.2 Energy Saving Initiatives

Energy saving initiatives to be pursued at all Alinea International offices include:

- Thermostat management
- Reducing the temperature of hot water
- Use of natural light within offices where/when possible, during the workday
- Turning off lights in empty rooms
- Use of smart power bars
- Use of energy saving features on office equipment

In addition, all employees will be expected to consider what steps they can take on a personal level to reduce energy consumption. Alinea International will make available specific guidelines and educational resources on best practices to support this effort to all staff.

In 2022 and beyond, Alinea International will be looking at determining the carbon reduction potential for the initiatives identified above and how they may contribute to the Net Zero 2050 target.

### 1.7.3 Waste Management Initiatives

The company will implement food reduction and recycling policies. A food recycling/compost system designed to reduce the amount of waste sent to landfill was initiated in 2022. Staff will be informed on the importance of reducing their personal level of food waste, and designated compost bins will be installed for organic waste.

### 1.7.4 Sustainable Travel Initiatives

Company guidelines will be developed to inform employees who must travel how they can better minimize their carbon footprint. This includes staying in eco-friendly accommodations, reusing towels, raising or lowering thermostats, and sharing transport with colleagues and clients when possible.

The UK operations will reflect and be bound by the carbon reduction approaches taken by Alinea International.

## 1.8 Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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<sup>1</sup> and uses the appropriate government emission conversion factors for GHG company reporting<sup>2</sup>.

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<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-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<sup>3</sup>.

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:**

A handwritten signature in blue ink, appearing to be 'R. M. J.', is written over a horizontal dotted line.

Date: January 2, 2023.

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<sup>3</sup> <https://ghgprotocol.org/standards/scope-3-standard>