

## **Carbon Reduction Plan 2022-25**

JGW Training Ltd t/a Ascento, recognises that in implementing its educational objectives it has a responsibility to promote and implement sound environmental practice in order to protect and nurture the environment and to demonstrate our commitment to achieving the Government target of Net Zero by 2050 at the latest.

This is consistent with the UK Government's commitment under the Climate Change Act, and will play a significant role in the decarbonisation of the United Kingdom as a whole.

In conducting our business and by exercising proper control over our activities we will promote carbon emissions reduction and monitor our impact, including the use of sustainable resources and discourage wasteful or damaging practices. At the same time, we acknowledge we have both a legal and moral responsibility to consider our environmental impacts and our commitment to the improvement of the environment and the associated risk from its activities

We will manage operations in ways that are environmentally sustainable and economically feasible and promote environmental education to staff and students as well as encourage participation in environmental matters.

Linked to this, we will ensure sufficient resources are made available to achieve our environmental goals and to comply with all relevant laws and regulations.

In order to achieve these aims we have the following key objectives:

1. Promote sound environmental management policies and practices throughout
2. Raise awareness to staff and students and promote individual good practice
3. To promote environmental responsible purchasing throughout the organisation
4. Make efficient, environmental, responsible use of energy, water and other natural resources
5. Take all reasonable steps to prevent pollution of our local and wider environments
6. Develop and maintain emergency procedures to deal effectively with any significant environmental hazards which may arise as a result of our activities
7. Minimise the impact of transport in the environment as a result of organisational activities and at the same time promoting alternative forms of transport
8. To communicate on the environmental performance of the organisation
9. To minimise waste production as far as practical to reuse and recycle waste where appropriate and regulate the treatment and disposal of residual waste
10. Dispose of waste using a registered waste collector and observe and comply with the Waste Electrical and Electronic Equipment (WEEE) regulations

The main responsibility for the implementation of this policy on behalf of the organisation lies with the Ascento Trustee Ltd and the Managing Director.

However, the policy requires the support and action of all who make use of the organisation's premises to drive continual improvement in our environmental performance and to abide by the rules and requirements made under the authority of the policy.

Linked to this we will actively monitor our performance in the implementation of its key objectives of the policy and the activities of those within.

## Overview

JGW Training Ltd t/a Ascento's carbon management plan includes the following activities:

**Scope 1:** Direct emissions from the use of natural gas in boilers within the buildings we occupy.

**Scope 2:** Indirect emissions from the use of electricity, food production and water within the buildings we occupy.

**Scope 3:** Indirect emissions from:

- Purchase of goods and services
- Investments
- Business travel and staff/ student commuting
- Water, waste and wastewater from buildings
- Additional emissions from home working/ study

## Baseline

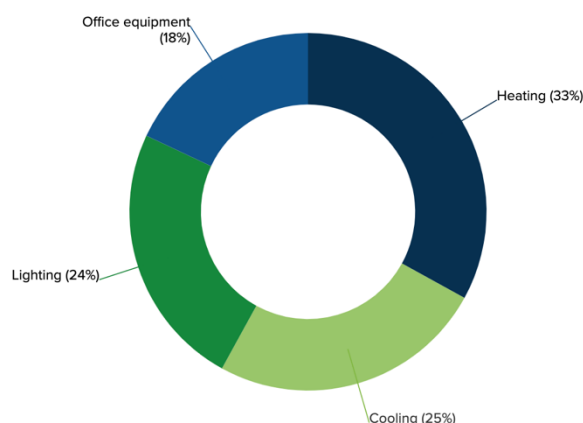
The baseline used to date for the Ascento carbon management plan was recorded on 31.12.21.

The carbon footprint of Ascento is split into the 3 scopes.

Scope	Emission Source	Emissions kgCO <sub>2</sub> e
1	Natural Gas	366
2	Electricity	865
3	All other sources	4924

Some 80% of our total footprint comes from scope 3 emissions sources, which includes emissions from procurement, water use, waste, waste water, business travel, working from home and staff and student commuting.

**According** to The Carbon Trust (online calculator tools) we are performing within industry standards.



**Our Action Plan 2022-23**

Scope	Actions / Environmental measures	Lead	Review / target date
1 – Gas Use	<p>Our only source of gas is for heating and water heating.</p> <ol style="list-style-type: none"> <li>1. Reduce hours of use so heating only on during working hours &amp; days of operation</li> <li>2. Investigate more effective thermostat system as currently same for both floors of building; including turning thermostats down by several degrees</li> <li>3. Turn off radiators in offices used for occasional use</li> <li>4. Review gas consumption quarterly</li> </ol>	OS	<p>31.12.23</p> <p>31.01.22</p> <p>31.12.23</p> <p>31.01.22</p> <p>31.12.23</p>
2 – Electricity Use	<ol style="list-style-type: none"> <li>1. Approach landlord re switching to LED lighting.</li> <li>2. Appoint a ‘champion’ to ensure continued education of the workforce re lighting, energy consumption etc</li> <li>3. Identify electricity efficiency opportunities such as voltage optimisation, AC equipment replacement, lighting upgrades, on-site IT infrastructure efficiency projects (server removal) etc</li> </ol>	<p>CA</p> <p>Board</p> <p>TS</p>	<p>31.12.23</p> <p>31.03.22</p> <p>31.08.22</p>
3 – Indirect Emissions	<p>They fall within two main categories:</p> <ul style="list-style-type: none"> <li>- Those where we exert close control: such as business travel, water use, waste and procurement decisions.</li> <li>- Those where we can influence: such as staff and student travel, investments, supplier emissions, and student accommodation.</li> </ul> <ol style="list-style-type: none"> <li>1. Introduce 4 day working week to save 20% on business travel to and from the office</li> <li>2. Introduce a required one day per week in the office and rest working from home to save further on business travel</li> </ol>	<p>TS</p> <p>TS</p>	<p>31.08.22</p> <p>31.08.22</p>


	3. Encourage remote meetings and online sessions to replace face to face one to one sessions with learners where possible 4. Introduce controls within our procurement policy to ensure suppliers are working towards carbon neutral 5. Exert influence over existing suppliers to align with our ambitions 6. Effective reporting and improved data collection 7. Continue to use the online learning platform to reduce unnecessary travel or workshop sessions	HA  CA  CA TS HA	31.07.22  31.12.23 31.12.23 31.08.22 31.12.23
General Actions	1. Introduce annual reporting procedures to present to the Trustees	CA	31.12.23

## Targets

In line with the Government's climate change targets (net zero by 2050), we aim to achieve net zero carbon by 2035.

This means:

- Continuing from our 31.12.21 baseline, we will reduce our scope 1 and 2 emissions (from electricity and gas use) by 75% by 2027 and 100% by 2035.
- To achieve net zero carbon, we also need to reduce other indirect (scope 3) emissions, including those through procurement, investment and staff and student travel. We will reduce our scope 3 emissions to zero by 2035, by taking action where we have direct control and encouraging partners to reduce emissions.

Signed:  (Managing Director)

Date 31.07.23