



Our environmental stewardship and journey to
net-zero carbon.

Our Sustainability Strategy



Pro Enviro

ENGINEERING A GREENER WORLD

A message from Nersi Salehi, Managing Director

I am the Managing Director of Pro Enviro Ltd, and have more than 30 years of experience in the field of developing Low Carbon policies and strategies for the manufacturing and energy-intensive sectors of the UK economy. I manage teams of Energy Engineers and Scientists who develop Low Carbon strategies and implement Low Carbon technologies to reduce energy consumption and CO2 emission for manufacturing operations.

In the past ten years, I have been involved in the design and delivery of several Low Carbon energy and resource efficiency business support programmes for Local Authorities and Innovate UK.

This includes the design and delivery of the highly successful Worcestershire County Council Business Energy Efficiency Programme (BEEP) which delivers energy efficiency and carbon emissions reduction and funding to over 600 SME companies within the Worcestershire, Herefordshire, and Shropshire geographic areas.

We also deliver the successful SME energy and carbon emissions reduction programmes on behalf of Staffordshire County Council and West Yorkshire Combined Authority.

Using our expertise in energy engineering and energy and carbon reduction and management, we have developed several successful regional energy and carbon abatement programmes and innovative Knowledge Management (KM) tools to help engage, inform and empower energy intensive businesses, SMEs and non-SME entities, to reduce energy consumption and costs.



Who we are

Pro Enviro is a specialist energy, process optimisation and carbon emissions reduction consultancy, that has delivered innovative solutions to decarbonise the energy intensive sectors of UK industry for the last 30 years.

Pro Enviro is known for innovative thinking and the application of elegant solutions to complex process optimisation and decarbonisation problems. During the past fifteen years the company has developed a number of highly innovative process optimisation strategies with energy intensive companies, as well as advanced online energy management and carbon abatement tools which are widely used throughout the manufacturing sectors.

Over the last nine years the company has been involved in the design and delivery of the highly successful Worcestershire County Council's Business Energy Efficiency Programme (BEEP) which delivers energy efficiency and carbon emissions reduction and funding to over 600 SME companies within the Worcestershire, Herefordshire, and Shropshire geographic areas. We also deliver the successful energy and carbon emissions reduction programmes on behalf of Staffordshire County Council and West Yorkshire Combined Authority.

The Company is currently involved in the delivery of the UK Research and Innovation - UKRI's highly acclaimed Industrial Decarbonisation Challenge programme. This innovative project, called Repowering the Black Country, will deliver by March 2023 a "Cluster Roadmap - Cluster Plan" for the decarbonisation of the industrial sector of the Black Country by 2040.

The CEO of the operation, Nersi Salehi leads Pro Enviro's team of consultants and systems developers. He has 40 years of experience in the fields of developing Low Carbon policies, strategies and delivering successful carbon abatement projects for the manufacturing and the energy intensive sectors of the UK economy.



Pro Enviro

ENGINEERING A GREENER WORLD



Our Mission

To support energy intensive organisations to achieve net-zero carbon status by developing and embedding innovative and cost-effective strategies to decarbonise their operation.



Our Vision

To accelerate the transition of the UK to net-zero carbon



Our Values

It is our business mission to be there to support energy intensive businesses, to help guide them to a Low or Zero Carbon strategy, and to be there to guide businesses to reduce their carbon emissions and energy usage.

At our own offices, we ensure our energy usage is minimised in terms of both heat and energy efficiency and educate staff on maintaining this efficiency.

Our Business' Ethical and Moral Responsibility

Business ethics concerns every step of our decarbonisation journey. We feel that in order to see a change in the manufacturing world, we must take active steps to reduce our impact without compromising our ethical values.

There are 12 ethical principles that we integrate into our business: Honesty, Fairness, Leadership, Integrity, Compassion, Respect, Responsibility, Loyalty, Law-abiding, Transparency, and Environmental Concerns

Maintaining human rights within our company is one of the key ethical pillars on which we at Pro Enviro build our policies. We do all we can to ensure we are never in breach of this and ensure our suppliers are following similar policies and practices. Holding our supply line responsible for maintaining their own ethical and moral responsibility ensures that the materials we receive are ethically and responsibly sourced.

Pro Enviro maintains a firm belief that everyone deserves the right to be treated equally and fairly. In our recruitment process, we ensure we follow all guidelines and regulations set by The Equal Opportunities and Equality Act, continued throughout employment, with equal opportunities and fair pay being given to all our employees.

Taking a firm stance against climate change and meeting the targets set by both government and industry standards are paramount in our operations. Financial investment in sustainable technologies is at the forefront of our future proposed business development, and we are taking steps to identify and reduce non-productive energy consumption where possible.



Integration of our Energy Policy

We are currently in the process of developing our energy policy to be integrated into our business model.

We understand that one of the key ways to reduce our impact is to utilise energy both efficiently and responsibly and make a public statement on our stance to decarbonise our operations through energy efficiency.



Revised Energy Policy for Pro Enviro

Pro Enviro is dedicated to advancing environmental sustainability through a comprehensive energy policy designed to mitigate our operational impact on the environment and secure a more sustainable future. This commitment is underscored by our dedication to significantly diminish our carbon footprint by optimising our energy utilisation.

Our Pledges:

- 1. Adherence to Regulatory Standards:** Pro Enviro will uphold all pertinent energy legislations and carbon abatement regulations, ensuring that we operate in alignment with established environmental guidelines.
- 2. Dynamic Operational Analysis:** We will conduct regular assessments of our operations to gain insights into fluctuations in energy consumption, thereby enabling us to make informed decisions and chart a path towards enhanced efficiency.
- 3. Continuous Improvement:** Our dedication to perpetual advancement will drive us to continually identify innovative opportunities to reduce energy consumption and shrink our carbon footprint.
- 4. Technology-Driven Efficiency:** We are committed to adopting energy-efficient technologies whenever feasible, leveraging their potential to optimise our operations and amplify our sustainable practices.
- 5. Incorporation of Sustainability in Design:** Sustainability will be interwoven into every facet of our new product designs, fostering a culture of responsible innovation.
- 6. Empowered Workforce:** Through comprehensive education and training, we will empower our employees to cultivate energy-efficient habits and champion environmentally conscious practices.
- 7. Promotion of Renewable Technologies:** We will actively integrate renewable energy technologies into our energy supply mix, advocating for a diversified and eco-friendly energy portfolio.
- 8. Integration into Decision-Making:** Energy efficiency will be a cornerstone of our decision-making processes, ensuring sustainability is at the heart of our operational strategies.
- 9. Ambitious Goals:** Company A will establish measurable energy efficiency objectives and carbon reduction targets, encompassing supply chain impact reduction and enhancing overall performance.
- 10. Rigorous Controls:** We will implement stringent operational controls that are subject to regular audits, reviews, and updates, guaranteeing that our energy practices remain aligned with our goals.
- 11. Transparent Communication:** Our Energy Policy will be annually updated and effectively communicated across all levels of our organisation, fostering a shared commitment to our sustainability mission.
- 12. Openness to the Public:** This Energy Policy will be readily available to all stakeholders, ensuring transparency and accountability in our efforts towards sustainable energy practices.

Signed: _____

Name: Nersi Salehi

Title: Managing Director

Pro Enviro

Date: 11/10/2023.




Taking Action Against Climate Change

Policy and Strategy

Integrating a Net-Zero policy into our company requires multiple steps. The first is our aim to adjust our own company policies to better incorporate new net-zero projects.

The following pages cover how our policies and strategies have been adjusted, or are in the process or being adjusted, so that we can continue our goals to decarbonise our operations on a global scale.



Summary	Status	Description
Assess and review all policies currently in place, aligning them with a Net Zero Plan	Complete	While ensuring our impact on the environment is as small as possible, new technologies and research mean that our policies are always available to be updated. With recent guidance, we have begun to make our supply chain aware of the need to reduce our impact on the environment, and this philosophy now plays a key part in our decisions
Introducing UN Sustainable Development Goals into our core company policies	In progress	<p>The UN Sustainable Development Goals (SDG) form Pro Enviro's guiding principles and sit at the heart of our business development strategy. Our Environmental, Social and Governance roadmap is in the final stages of development. Due to the nature of our business, handling, packaging, and transporting products from suppliers located throughout the globe, the management team has developed an ambitious sustainability strategy for the whole of our value chain, which adopts all the UN Sustainable Development Goals.</p> 
Implementation of staff training towards net zero policy both at work and home	Complete	We believe that a holistic approach to reducing the company's impacts on the environment is key to achieving net zero. Some of our staff are undergoing net zero awareness training to help make more environmentally conscious decisions. This education is planned to be extended to all staff to help increase awareness and accountability. A case study done by the Carbon Trust detailed that some companies could expect to save between 10%-20% of energy consumption through staff education.
Supporting Staff to make 'Greener' choices	Complete	Providing information and support to staff to utilise in their travel to work can help reduce our scope 3 emissions reducing our impact on the environment. Future plans involve giving staff advice on how they can reduce their energy consumption and GHG emissions that have an impact on the environment at home.

Summary	Status	Description
Waste Management through sustainable disposal and recycling	Complete	Division of waste streams into more identifiable sectors helps us ensure that all waste is correctly disposed of it required or recycled where possible. This also allows for accurate recording of waste stream sizes, and where action can be taken to reduce the waste in larger streams.
Supporting the implementation of the Repowering the Black Country Project	Complete	The RtBC project aims to provide the Black Country with it's first Net-Zero Carbon hub. Many of the lessons we are learning through this project are to be implemented into our own strategies to help decarbonise Company Name .





Scope 1 and 2 Emission Reductions

Scope 1 and 2 emissions cover the direct and indirect emissions of our company assets and are the main focus of our GHG emissions reduction targets at this moment in time.

Our current target is set for 2030 to meet and exceed industry standards to decarbonise Scopes 1 and 2.

We will be continuing our journey to decarbonise these areas.

Summary	Status	Description
GHG science-based target set for offices in Rugby	In progress	To lead by example, we have set ourselves science-based targets to meet and exceed on our decarbonisation journey.
Installation of inhouse energy generation via 11.6kWp Solar PV array	Complete	Due to the large amount of energy used to maintain our facilities, the installation of in-house energy generation will reduce our overall non-renewable energy consumption and reliance on the grid.
Lighting management for all our sites	Complete	We will install energy-efficient lights, which are controlled by motion sensors and timers to reduce non-productive energy consumption.
Energy efficient heating solutions installed	Complete	Reducing our Scope 1 emissions through electrification can reduce our impact on the environment by introducing more efficient heating solutions. Our Rugby site currently has the potential for an Air Source Heat Pump system to be installed to provide heating to the office's, which would be automatically controlled to only operate during working hours, and do not exceed 20°C.
Baseline year for monitoring CO ₂ emissions established	In progress	To ensure that our carbon emission targets, and low carbon projects are Science-based, we have established 2019 as our baseline year, due to the large amount of data we have available for all aspects of our company. This allows us to develop accurate, science-based carbon accounting targets and effectively track our carbon emission reductions in both scope 1 and 2.

Summary	Status	Description
Utilisation carbon accounting software tool, CFAR to accurately measure Scope 1 and 2 Emissions.	In progress	Tracking our Scope 1 and 2 emissions can help us target what areas require the largest change and precisely where science-based targets can be developed to get the results we desire. Recording our Scope 1 and 2 using Pro Enviro's Carbon accounting and reporting software has enabled us to accurately monitor our performance against pre-set Scopes 1 and 2 targets.

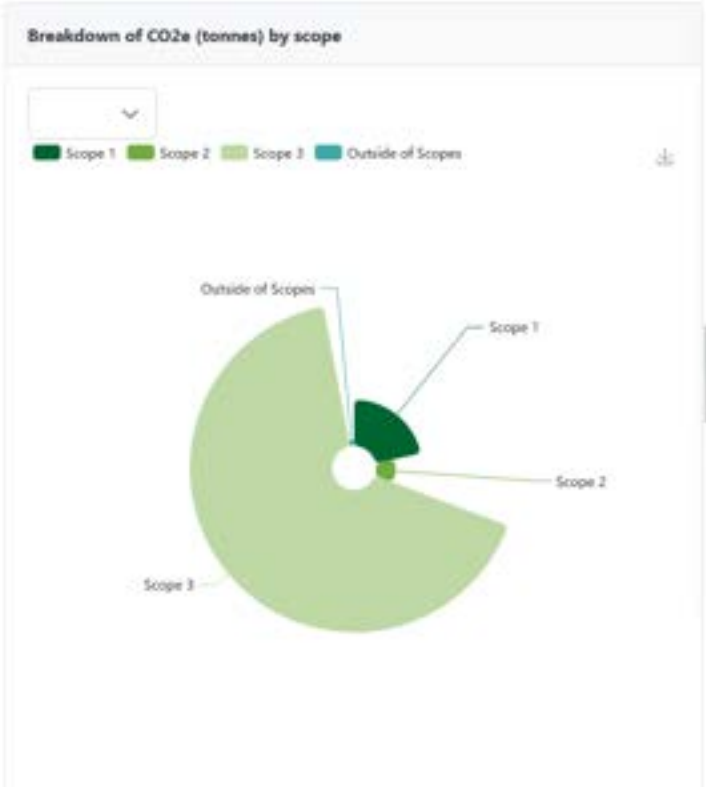


Scope 3 Emission Reductions

Scope 3 emissions cover GHG generated outside of the company's direct assets. This can include employee transportation, upstream and downstream supply chain processes, and waste. We aim to inform our suppliers and employees of our decarbonisation goals and help reduce our Scope 3 emissions through the projects implemented over the next decade.



Summary	Status	Description
Scope 3 Emissions collection and calculations using CFAR (Carbon Footprinting, Accounting and Reporting) Tool.	In progress	We are beginning to record and target our scope 3 emissions accurately. The collection of scope 3 information will allow us to compile a detailed and accurate data point that helps to develop targeted science-based projects.
Encouraging staff to switch to EV	In progress	Our largest emissions come from our Scope 3. This is mainly due to the large amount of business travel we do to meet clients. Switching to EV will reduce the Scope 3 emissions, and help us meet our decarbonisation targets.





Reporting and Data

Approaching and developing zero carbon goals requires a factual and science-based process that utilises available data to help make the most efficient decarbonisation decision. We aim to maximise our carbon reductions through accurate data collection, collation and analysis and regular external reporting.

Summary	Status	Description
Establishing a baseline year	Complete	Establishing and developing a GHG emissions baseline year has helped us identify the scale of our endeavour required to decarbonise our activities. Our baseline year is 2019, and we saw a 1% reduction in carbon emissions in 2022 compared to the GHG emissions in this baseline year.
Reporting Framework Scoped	In progress	With our reporting framework scoped, we can understand the extent to which we will be reporting.
Scope 1 and 2 scoped and quantified	In progress	With an understanding of our scope 1 and 2 GHG emissions, targeting projects on reducing our overall emissions can be developed with accuracy.
Zero Carbon Strategy developed for each site to report consumption data	In progress	A Zero Carbon Strategy has been developed and decarbonisation projects have been implemented at our Stourport site to assist with data capture. This is with aim of further reduce our carbon emissions to zero by 2035 in Scopes 1 and 2. We aim to complete the carbon accounting and reporting systems at Scope 3 in 2023-2024 and be able to set net-zero carbon strategy at Scope 3. We will then look at expanding this strategy to the rest of our operations.
Tracking and reporting emissions on an annual basis	In progress	Regular updates and annual reporting on our emissions allows for monitoring of our successes against pre-set targets and tracking of the success or failure of individual projects undertaken in reducing our GHG emissions against our pre-set targets.

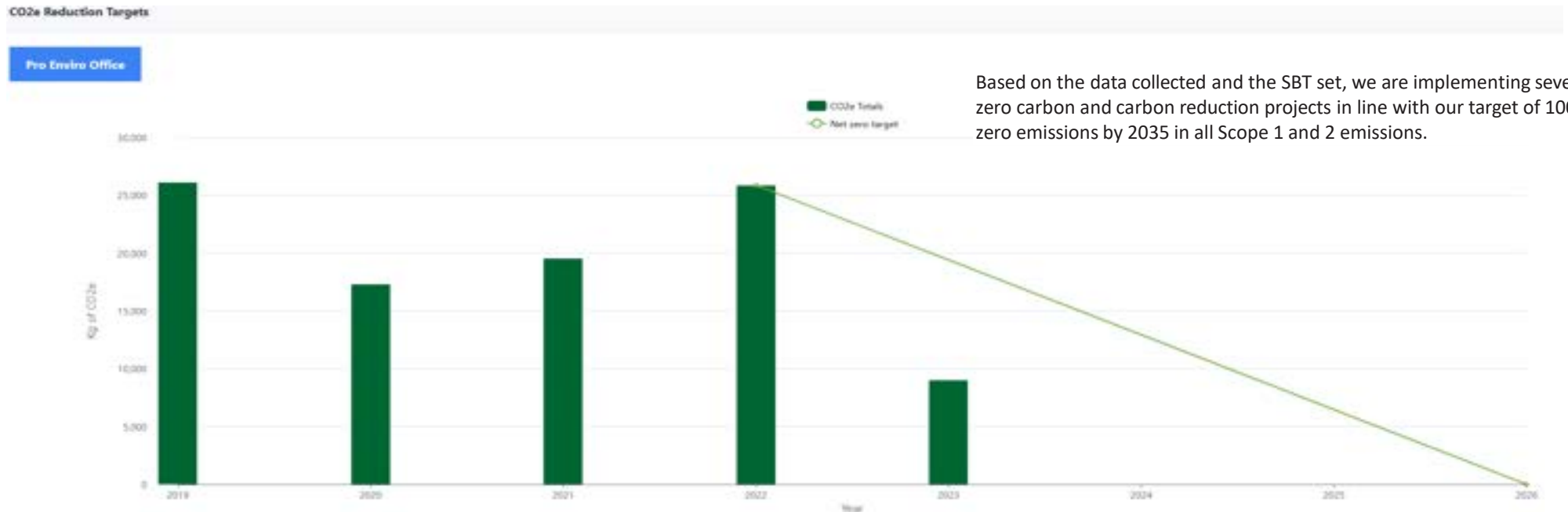
Data Gaps

Scope 1 and 2 are not complete as we are at the start of our journey to net zero and will need to complete the data collection exercise before this section will be completed. Scope 3 is a lengthy process and we have only just begun collecting the data required to map our complete Scope 1 and 2.

Emission Reduction Plan

We are committed to the development of a comprehensive net-zero carbon strategy that is uniquely tailored to our production and needs that we will be implementing over the next 8 years to align ourselves with the Paris Agreement of limiting global warming to below 1.5°C.

Emissions Target



Decarbonisation Plan

Policy and Strategy	Reporting and Data	Scope 1 and 2 Emission Reduction	Scope 3 Emission Reduction
<ul style="list-style-type: none"> Set science-based targets for scopes 1 and 2 Assess and review all policies currently in place and ensure current policies align with our net zero plan Commit to SBT set by Pro Enviro Introduce UN Sustainable Development Goals into our core company policies 	<ul style="list-style-type: none"> Baseline year established Reporting framework scoped Mapping Scope 1 & 2 carbon emissions using Pro Enviro's CFAR (Carbon Accounting and Reporting) tool for 3 years 	<ul style="list-style-type: none"> Establish baseline year Carbon foot printing of manufacturing operations Micro-metering of energy intensive plants Continue to manage heating and lighting controls 	<ul style="list-style-type: none"> Map carbon emissions from supply chain Begin Scope 3 emissions calculated using Pro Enviro's CFAR (Carbon Accounting and Reporting) tool Continue to use environmentally friendly supplies
<ul style="list-style-type: none"> Target of decarbonisation set to 2040 Develop a robust system for monitoring achievement Implement staff training regarding net zero policy changes Introduce renewables into our energy makes 	<ul style="list-style-type: none"> Track and report emissions annually and calculate emissions savings Review low and zero carbon strategies to ensure actions are being taken Develop Zero Carbon Strategies for each site to report consumption data 	<ul style="list-style-type: none"> Collection of production data for normalising Data entry into Energy and Carbon Portal (ECP) Switching most company cars to EVs Support staff to choose carbon efficient options to travel to work Introduce renewables into our energy makes 	<ul style="list-style-type: none"> Communicate with supply chain Scope 3 emission reductions Complete Scope 3 benchmark Establish supply chain emissions reporting process Choose suppliers with the lowest carbon footprint
<ul style="list-style-type: none"> Raising awareness of climate change challenge with the supply chain / Scope 3 Introducing UN Sustainable Development Goals into our core company policies Developing and moving towards embedding ISO50001 by 2024- 2025 	<ul style="list-style-type: none"> Collection and Collation of Scope 3 Reductions Aligning decarbonisation efforts with the SBTi with the possibility of joining in the future. 	<ul style="list-style-type: none"> Implement staff training towards net-zero policy to help make more environment conscious decisions Install additional PV solar array 	<ul style="list-style-type: none"> Plan of action for scope 3 decarbonization Establish supplier emission reduction commitments Complete the collection of Scope 3 data
<ul style="list-style-type: none"> Achieve decarbonisation of scopes 1&2 by 2040 	<ul style="list-style-type: none"> Engaging external auditors to embed ISO50001. 	<ul style="list-style-type: none"> Implement further zero carbon strategies 	<ul style="list-style-type: none"> Extend supplier engagement programs & embed it into contracts Supplier emissions review annually and revised strategy for future

* This is a draft decarbonisation plan as a placeholder in our documentation as we start our journey. Once we have mapped our complete Scope 1 and 2, we will develop the net zero strategy to reduce our carbon footprint.



**United
Nations**

Department of Economic and Social Affairs
Sustainable Development

Pro Enviro

Making the SDGs a REALITY

SUSTAINABLE DEVELOPMENT GOALS

The Division for Sustainable Development Goals (DSDG) in the United Nations Department of Economic and Social Affairs (UNDESA) acts as the Secretariat for the SDGs, providing substantive support and capacity-building for the goals and their related thematic issues, including water, energy, climate, oceans, urbanisation, transport, science and technology, the Global Sustainable Development Report (GSDR), partnerships and Small Island Developing States. DSDG plays a vital role in evaluating the UN systemwide implementation of the 2030 Agenda and in advocacy and outreach activities relating to the SDGs.

The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. The 17 Sustainable Development Goals (SDGs) are at its heart, an urgent call for action by all developed and developing countries in a global partnership. They recognise that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth, all while tackling climate change and working to preserve our oceans and forests.



Our Key Sustainable Development Goals

As part of our role in fulfilling and adhering to the Key Sustainable Development Goals, we have implemented as many of these into our business structure as possible, though some fit into our company structure better than others. Our support for each goal is integrated, but some of our main strategies are directly related with key goals at the core.

We have begun to work alongside organisations and Local Authorities to tackle energy consumption where possible. Micro-metering energy-intensive plant has allowed us to take targeted action against these areas and ensure we meet Goal 12 by encouraging companies to efficiently use energy rather than using it non-productively.

Our interactions often revolve around supporting energy intensive companies with information and guidance. We ensure that information is not withheld behind hidden costs or fees, and that we are a supportive consultancy that can bring innovative Zero Carbon Strategies into our client's business strategies. This encompasses part of Goals 4 and 11 as our clients are educated on low carbon strategies and can implement these strategies to reduce their impact on the environment at both local and global levels.

Goal 17 is one of our main goals within the business, working alongside government bodies, local authorities, and alongside companies, to help all entities reduce their carbon emissions and impact on the world.



Our Key Sustainable Development Goals

We ensure all staff receive equal and fair pay; this is achieved by compensating above the National Minimum wage. This ensures we are meeting the goals set by the Sustainable Development Goals 1, 5 and 10

Our support of Goal 3, Good Health and Well-being, extends into our staff training for health and safety. Our approach to health and safety is based upon sensible risk management and complying with all relevant legislation, codes of practice and other health and safety standards. We ensure that there is a positive workplace atmosphere, and that staff take regular breaks to reduce stress and encourage good health and well-being.

Pro Enviro has been taking active steps to reduce our impact on the climate by implementing efficient solutions at our main office. This includes the installation of an 11.6-kWp Photovoltaic solar system, and the implementation an Air Source Heat Pump system to provide heating and cooling to the office.

We are encouraging staff in transitioning to EVs when possible, by supplying free charging stations at the workplace. In addition, we provide financial support for the purchase of new Electric Vehicles. This helps reduce our Scope 1 and Scope 3 emissions and helps develop a more sustainable society.



The UN Global Compact

The UN Global Compact aims to accelerate and scale the global collective impact of business by upholding the Ten Principles and delivering the SDGs through accountable companies and ecosystems that enable change.

[Principle 1](#): Businesses should support and respect the protection of internationally proclaimed human rights; and
[Principle 2](#): make sure that they are not complicit in human rights abuses.

[Principle 3](#): Businesses should uphold the freedom of association and the effective recognition of the right to collective bargaining;
[Principle 4](#): the elimination of all forms of forced and compulsory labour;
[Principle 5](#): the effective abolition of child labour; and
[Principle 6](#): the elimination of discrimination in respect of employment and occupation.

[Principle 7](#): Businesses should support a precautionary approach to environmental challenges;
[Principle 8](#): undertake initiatives to promote greater environmental responsibility; and
[Principle 9](#): encourage the development and diffusion of environmentally friendly technologies.

[Principle 10](#): Businesses should work against corruption in all its forms, including extortion and bribery.

Pro Enviro has recently signed up to support the UN Global Compact, as we thoroughly support the goals and aims of this movement. In addition, we hope that by taking the lead in this, we will encourage more and more companies to follow in our steps as we move towards a more sustainable and ethical future.

