



Company Profile

www.carbon-zero.uk

A photograph of a mountain landscape. The foreground is a dense, lush green forest. In the middle ground, a thick layer of white mist or low clouds hangs between the forest and the mountains. The background shows steep, rocky mountain slopes with patches of green vegetation and some evergreen trees.

Helping businesses on
the journey to net zero



Introducing Carbon-Zero

Carbon-Zero are a Carbon Accounting, Sustainability and Energy Efficiency consultancy based in the UK, assisting businesses, around the world, on their transition to an environmentally and economically sustainable future.

Whether an investor, private or public sector business, we can help to make your business greener, more energy efficient and in many cases cheaper to operate.

“ **We believe in a future where economic and environmental sustainability go hand in hand.** ”

Our mission

- To be the first choice for businesses in their transition towards net zero.
- To use our passion and expertise to support organisations to understand their Greenhouse Gas (GHG) emissions, develop a net zero strategy, and prepare an actionable carbon management plan towards net zero.
- To help accelerate the transition to a sustainable and low carbon future, supporting both a global reduction in carbon emissions and the UK Government target of net zero by 2050.

What our clients are saying

“Carbon-Zero’s study clearly justified the value and efficiencies this project could achieve from both an environmental and cost perspective, and their support validated the environmental value TWMA’s solutions can deliver.”

Gareth Innes, Commercial Officer. TWMA

“The team from Carbon-Zero have been an incredible support, especially as most of our assessment was carried out during Covid-19 restrictions. With their continued guidance and support we are now working on additional environmental initiatives that our team and clients will benefit from.”

Ewan Riddoch, Managing Director. WM Donald Limited

“The work carried out in conjunction with Carbon-Zero identified areas where we were able to add real value to the business whilst fulfilling our environmental responsibilities. We would endorse this type of audit being carried out by any company.”

Colin Lawson, Owner. Colin Lawson Transport

The environmental challenge and why use Carbon-Zero

In a recent survey conducted by BSI on net zero and its implications on UK business, from 1000 senior UK decision makers surveyed, only 10% were fully aware of net zero and how it impacted their organisation, with the remaining 90% unsure and requiring more guidance.

Businesses of all sizes are now realising the benefits of reducing their carbon-emissions and a move towards net zero helps raise their business profile through:

- First mover advantage
- Market differentiation
- Improved tender scoring
- Future proof against regulation
- Increased staff morale
- Leveraging a good Environmental, Social and Corporate Governance (ESG) profile to attract external financing.

In assessing your carbon footprint, you will understand the extent of your business carbon emissions, broken down by business element. Using this, we can highlight any inefficiencies within a company and allow you to prepare a short, medium and long term carbon management plan – with the ultimate goal of working towards net zero. In the early stages of planning this journey, you could consider offsetting any your emissions with the purchase of carbon credits, supporting globally certified sustainability projects, while permanent carbon reducing solutions are scoped, costed and implanted.

Supporting clients internationally and across the UK, we have worked across a number of sectors in improving their carbon emissions status. Sectors include: oil and gas topsides, subsea, distribution to downstream refining, marine, waste processing, forestry, agricultural, renewable energy and transport, as well as a number of projects surrounding the re-purposing of waste streams, waste to energy solutions and effluent water treatment.

The Carbon-Zero extensive offering includes: Energy and Carbon Assessments, Product Life Cycle Analysis, Supply Chain Analysis, Energy Transition Assistance, Feasibility Studies, Cost Benefits Analysis, ESOS and SECR Guidance, Project Management and Low Carbon Technology advice to businesses of all scales. In addition, Carbon-Zero also offer a range of technology and service assessments, enabling businesses to validate the carbon savings achievable through utilisation of proprietary technologies (such as CalcPlus and data analysis toolsets) and services.

Your pathway to net zero

- 1 Assess your business carbon emissions.
- 2 Establish highest emissions and priorities for attention.
- 3 Establish a short, medium and long term carbon management plan, to reduce, replace, offset.
- 4 Communicate plans to your staff, clients and investors.
- 5 Continually review, report on progress and make any updates to the plan.



Reporting standards

The Carbon-Zero team are well versed in a variety of global mandatory and voluntary carbon reporting standards. All of our baseline assessments are reported in accordance with the GHG Reporting Protocol (Scopes 1-3) and are carried out in alignment with the requisite standard for our client's scale and geographical location, these include:

- GHG Protocol Corporate Accounting and Reporting Standard
- UK Government BEIS Guidelines for GHG reporting
- PAS 2060 Specification for the demonstration of carbon neutrality
- PAS 2050 Specification for the assessment of life cycle of greenhouse gas emissions.
- ESOS - Energy Savings Opportunity Scheme
- SECR - Streamlined Energy and Carbon Reporting
- US EPA - GHG Reporting Program

No matter the size, scale or complexity of your business operation, Carbon-Zero can provide accurate analysis of your carbon emissions, as well as high impact solutions to help reduce them.



Carbon Accounting



Carbon Verification



Offsetting



ESOS & SECR Reporting



Feasibility Studies

GHG reporting protocol

- 1 Scope 1**
Direct emissions from company owned or controlled resources and primary fuel sources.
- 2 Scope 2**
Indirect Energy Emissions released into the atmosphere associated with your consumption of purchased electricity, steam and cooling.
- 3 Scope 3**
Other Indirect Emissions, a consequence of your actions that occur at sources you do not own or control and are not classed as Scope 2 emissions.

Meet the team

Our team of qualified professional project managers have over 30 years of combined experience working in industry and major projects across a variety of business sectors. We are ISO 15001 and IEMA certified to carry out both Business Carbon Assessments and Energy Assessment Surveys.

Using these skillsets, our team will help your business to voluntarily accelerate the move to being part of a financially sustainable, low carbon economy.

Mark Eadie – Projects Director

Mark has 12 years operational experience running major projects across a multitude of industries. As a PRINCE2 qualified project manager, IEMA qualified carbon manager and ISO14000 lead auditor, he has a skillset which is uniquely tailored to managing an organisation through a sustainability transition. Utilising his experience in organisational change management, project management and planning, and through the implementation of innovative solutions and replacement of technologies, Mark has supported many organisations on their journey to net zero.

Brian Johnstone - Low Carbon Consultant

IEMA qualified in carbon management and over 40 years' experience in Oil & Gas, Water Treatment, Engineering and Manufacturing, Brian's engineering and PRINCE2 project management qualifications combined with over 15 years' business operations experience, bring a broad commercial and technical skillset and insight into the challenges facing businesses as we move towards a lower carbon future.

Fraser Christie - Low Carbon and Sustainability Assessor

Fraser is our Low Carbon and Sustainability Assessor. A qualified IEMA Environmental Practitioner, he has six years' experience working in the environmental sector for Public and Private sector organisations both in the UK and abroad. As part of the Carbon-Zero team Fraser assists clients in improving their overall sustainability performance.

Lydia Kairl – Environmental Consultant

Lydia is our Environmental Consultant. She has an engineering and research background, with 5+ years' experience in the transport sector and a Masters degree in sustainable building design. She is a passionate and avid environmentalist keen to support the low carbon communities of the future.

Stewart King – ISO 15001 & ESOS Consultant

Stewart is highly qualified and experienced as an energy consultant, providing ISO 15001 and ESOS consulting services to our clients. His work includes industrial and commercial energy saving surveys and solutions to clients worldwide across a wide array of business types. Stewart provides our clients with in-depth technical assessments and recommendations for energy and carbon reduction.

Jerome Bertin – Director, Co-Founder & Senior Project Manager

Martyn Colebrook – Director, Co-Founder & Senior Project Manager

Eric Maddock – Business Development Consultant

Nicole Maddock – Marketing Consultant



Get in touch

Contact us to find out how you can make your business greener and become carbon neutral.



enquiries@carbon-zero.uk



+44(0) 1224 049169

www.carbon-zero.uk

• Aberdeen • Glasgow • Edinburgh • London • Southampton •

Carbon-Zero is a trading division of Data Engineering Projects Limited

V2.2022.03