

Net Zero Carbon Policy

Towards

Net Zero

A construction worker in a high-visibility yellow jacket and a blue hard hat is standing on a steel structure, possibly a bridge or a large industrial building, over a body of water. The worker is looking towards the right. In the background, other workers in similar gear are visible on the same structure. The sky is overcast and grey.

An evolving challenge

Civil engineering contractors contribute significantly to the world around us.

Together we deliver innovative projects like offshore windfarms and flood defences. We also enable the provision of the basics of life, such as clean water and safe places to live and work.

However, we are aware that engineering and construction operations can also have negative impacts on our local communities and global environment, if managed irresponsibly or without due diligence and care.

A crucial area that all businesses must now focus attention on is the reduction of carbon from their operations. Jackson Civil Engineering has pledged to become a Net Zero company by 2035.

Each sector clearly faces different carbon reduction challenges, but one thing is clear – we cannot reduce what we don't actively identify and measure. That is why Jackson is committed to practical, demonstrable carbon reduction by:

- Targeting activities that generate the most carbon emissions
- Focusing on achieving meaningful reductions within our own operations and across our supply chain
- Making carbon reduction standard practice in every facet of our business
- Recording transparently our successes, failures and progress against UK standards and goals

In this report, we have outlined our carbon commitment in terms of our responsibilities as a conscientious contractor and the specific actions we are taking to accelerate change.

We know that this is an evolving challenge that will demand ongoing attention and a willingness to constantly refocus and adapt, but we also believe it is a challenge we must commit to

Our carbon responsibility

Our people are typically delivering vital engineering infrastructure projects at more than 50 live work sites at any given time.

Our projects include highways construction, flood protection, structural improvements, residential developments and transport asset maintenance.

Despite every member of each project team - from our head office buyers to our project managers and site engineers - developing and delivering programmes of work planned around efficiency and minimum impact, every one of these schemes directly or indirectly produces carbon emissions.

In order to make significant changes in our own working practices that reduce carbon and combat climate change, we will measure and track emissions at a business, project and activity level.

Broadly speaking, direct greenhouse gas emissions (GHG) emissions are from sources that we own or control. Indirect GHG emissions are related to energy use and activities down our supply chain.

Together they are categorised into three scopes:

- **Scope 1** covers direct emissions from sources that we own and/or control
- **Scope 2** covers indirect emissions from the generation of purchased energy
- **Scope 3** includes all other indirect emissions, including those of our suppliers, partners and clients

Jackson has had a focus on emission reduction for many years, having first recorded and reported emissions in 2007. We strongly believe that we are accountable for direct emissions under Scope 1 and Scope 2, and have some responsibility for encouraging innovation and behavioural changes up and down our supply chain, which will contribute to reductions in Scope 3.

We already work with our clients, supply chain partners and procurement teams to encourage sustainable choices of materials and plant, as well as efficient technologies.

Jackson has a history of innovation in the Scope 3 arena, as it constitutes by far the largest source of construction emissions, particularly the emissions embodied in cementitious products, steel and earthworks.

The background of the entire page is a photograph of three construction workers installing solar panels on a roof. The workers are wearing yellow hard hats and high-visibility green safety vests. They are positioned across the top of the frame, working on a large array of dark blue solar panels. The sky is bright blue with some white clouds. The solar panels are arranged in a grid pattern, and the workers are focused on their task.

Our Carbon Commitment

Jackson's Carbon Commitment explains our policies, procedures and activities to meet targets for 2035 and beyond.

Our primary target is to be Net Zero by 2035 for all Scope 1 and 2 emissions and any Scope 3 emissions under our direct control. We will also encourage low-carbon material choices by our suppliers, and carbon-efficient approaches and methods in discussion with our clients and subcontractors.

In 2021 we established a pathway to Net Zero with the target date of 2035 for our direct emissions. This target will be challenging and require strong collaboration across all of our departments - we will need all our stakeholders to play a role.

But our direct emissions are only a small part of the emissions that play a part in delivering work.

The background of the entire page is a photograph of a construction site. In the foreground, a large orange and blue excavator is positioned on a muddy surface, possibly a pond or a large excavation. The excavator's arm is extended upwards. In the background, there are several bare trees under a clear blue sky. The overall scene is bright and clear.

A carbon zero future

While recording baselines and setting ambitious targets are vital in reducing carbon emissions, it is critical we also build on our many trials and innovations to create a new 'business as usual' across Jackson sites. We will:

Strategy

- Develop a strategy to ensure carbon sits at the heart of all our decision making.
- Include our Net Zero objectives and company ethos in recruitment packs, adverts and other employment literature to help attract the best talent.
- Develop our strategic approach to offsetting emissions and put in place a clear framework for our teams to use.

Energy and fuel

- Set energy benchmarks for all site offices, adopting many of the rigorous requirements of the EA's Safety, Health, Environment & Wellbeing Code of Practice (SHEW CoP).
- Establish energy efficiency standards for office appliances.
- Improve site office management systems for controlling temperatures, set standards for door closures, thermostat and timer controls, and discuss our targets with our suppliers.
- Migrate all self-generated site electricity away from diesel to HVO fuel or green alternatives where appropriate.

Partnerships

- Continue to explore and cultivate relevant, innovative partnerships using green supplier initiatives, redefining parameters and updating our supply chain selection questionnaire.
- Include our Net Zero commitments in our supply chain partner charter setting out our values and ask all our suppliers to sign up to it.
- Invite our top suppliers to go through Supply Chain School Climate training at no cost to them.

People

- Include our carbon goals and showcase examples illustrating how individuals contribute to sustainability targets in all inductions.
- Write a performance objective relating to our sustainability/ Net Zero goals for inclusion in all staff/management objectives and ensure this is adopted and measured across Jackson.
- Record our baseline of commuting and homeworking carbon in 2022 and cut by 45% by 2030.
- Reduce the emissions from business travel by at least 70% and the amount of travelling we do by 50%, against our Net Zero baseline.

Training

- Make basic Climate Academy modules available via e-learning for inclusion in staff development plans.
- Ensure all staff complete basic training modules and can relate their job to climate change and their contribution to Net Zero.

Signed:

A handwritten signature in blue ink, appearing to read "B. Crofton", is written over a yellow rectangular background.

Brian Crofton
Managing Director
Jackson Civil Engineering

Date: April 2022