

Carbon Net Zero Strategy



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Commitment to achieving Net Zero

Pentagull has achieved Net Zero since 2023. As part of delivering this strategy we will continue to monitor and review greenhouse gas data directly related to our operations. Another key deliverable is the offsetting of any carbon produced by investing in carbon offsetting projects that help to combat global climate change as well as caring for local communities.

Current Progress

We have reduced our carbon footprint so far by:

- Installation of LED lighting in our office – reducing energy consumption and CO2 emissions
- Having our test and staging environments run on demand, rather than 24-7
- Reduce business travel through utilisation of technology (switching to virtual meetings)
- Switching to an energy supplier with a key focus on renewable, sustainable energy sources
- Where work circumstances allow, employees given options for flexible working model to reduce accommodation requirements
- Increasing awareness regarding minimising energy use
- Engage with supply chain to ensure suppliers set science-based carbon reduction targets and commit to net zero

Emissions footprint

Emissions are a record of the greenhouse gases that have been produced in the past and are the reference point against which Pentagull can invest in an appropriate carbon offsetting scheme.

Baseline Year: April 2024 - April 2025

Energy type	Detail	Total (tCO ₂ e)
Buildings	8500 kWh of electricity at 0.2311 kgCO ₂ e/kWh	1.76
Home working for 70% of staff		2.82
Total buildings		4.58
Vehicle fuel	150 litres	0.31
Total (tCo₂e)		4.89

Carbon offset

We as a business like to keep our spend, as much as practicably possible, within the local area. With that in mind, our carbon offset strategy is centred on a local campaign called Lancashire Woodland Connect.

Lancashire Woodland Connect is a campaign that will strengthen the bond between people, trees, and nature. Thanks to this project existing woodlands in Lancashire will be joined up and new woodlands will be created. Overall, in the next decade, the campaign will double the area of woodland in Lancashire.

We will contribute the costs of planting five trees to this campaign which will offset 5 tonnes of CO₂, which effectively means for 2024/2025 we are carbon negative.