



Carbon Reduction Plan September 2023

Introduction

Roast & Ground is committed to quality, innovation and delivering custom solutions for our clients' requirements, so together we can have a direct positive impact on sustainability.

With hundreds of customers serving thousands of our drinks each day, we believe that the biggest impact is in working with our customers to identify and deliver solutions for emission reduction projects that work best for each business.

We use climate partners to advise us on offsetting guidelines and we are currently offsetting 5 tonnes per employee which is well above the recommendation for our type of business.

Where we are today

Roast & Ground carbon reduction plan includes initiatives on renewable energy, carbon emissions, water stewardship, forestry protection, biodiversity and communities.

Our 10-point CSR checklist

We publish our 10-point CSR checklist on our website. It shows the many ways we're committed to acting responsibly, both environmentally and socially.

- **Carbon offsetting:** we offset our carbon emissions by supporting carbon neutral programmes in Colombia and Guatemala.
- **Fairtrade and Rainforest Alliance products:** we use these certified products to help support farming communities abroad and ensure sustainability.
- **Regular coffee grouts collections:** we work with bio-bean to recycle waste coffee grouts into advanced biofuels.
- **Compostable cups and biodegradable disposables:** we offer cups and other disposables that promote sustainability.
- **Recycled boxes:** all Roast & Ground branded boxes are made from 70% recycled cardboard and are fully recyclable.
- **Energy efficiency:** machines are set utilizing a sleep mode to suit customer's needs and we recommend 13 amp coffee machines wherever possible.
- **Local sourcing:** most of our consumables are bought in the UK to minimise our carbon footprint.
- **Green office:** we recycle paper, reuse packaging, minimise electricity use, utilise thermostatic and timed heating controls and more.
- **Company values:** we are committed to operating with Integrity, Empathy, Excellence, and Expertise.
- **Local community initiatives:** we support the charity *Only A Pavement Away*, and make other donations frequently.



Currently our solution for carbon neutrality is two-pronged. It is a combination of in-house efficiency measures and external emission reduction projects in partnership with our customers, together with a carbon off-setting programme.

We understand that carbon off-setting is a treatment rather than cure. Hence we also focus on our behaviour as a business to minimise our carbon usage from the outset.

Albeit, Roast & Ground offsets well beyond our carbon footprint and the carbon reduction guidelines per head for a business operation such as ours.

In 2022, Roast & Ground offset 100 tonnes on two carbon off-setting programmes that operate where some of our coffee is grown: the Chocó-Darián Rainforest Conservation project in Colombia, and a project distributing water filters and fuel-efficient stoves in Guatemala. ([Clean Water and Cooking, Guatemala and Renewable Energy Portfolio](#)).

Our work in terms of our own behaviour and how we can influence that of our customers is on-going and constantly evolving.

Currently, Roast & Ground uses the most energy efficient coffee roasting technology in the UK, with catalytic converters to manage carbon emissions. Electricity at our Chessington base comes from 100% renewable sources and we use thermostatic, timed heating controls.

Our hygiene and maintenance contracts are a guarantee of ongoing energy efficiency. We recommend low-power consumption, 13-amp coffee machines wherever possible and install the coffee machine with energy efficiency modes when possible.

We supply compostable cups, biodegradable disposables and reusable mugs, plus we have a range of great-tasting water solutions to reduce plastic bottles and the storage space.

With bio-bean, we offer a grouts collection service that sees the spent grouts turned into a multitude of sustainable products including energy-savvy briquettes, an eco-friendly alternative to solid fuels. By recycling waste coffee grounds, we generate 80% less CO2 emissions than if those grouts had gone to landfill.

Roast & Ground is committed to achieving Net Zero Emissions by 2050

We are aware that reducing our Greenhouse Gas Emissions represents significant benefits for us, our customers, suppliers and the wider community. Our carbon reduction plan covers the strategies for Roast & Ground's ongoing commitment to the management and reduction of our business-related carbon emissions.

Strategies to minimise our use of carbon

In the next 12 months, Roast & Ground will commission a full assessment by a third party to determine our weak spots and the actual amount of our carbon footprint. Our approach is to act on the outcome of the assessment setting clear targets for reducing Greenhouse Gas (GHG) emissions over key timeframes and listing our planned projects.



A full assessment will highlight the areas for concentrated reduction strategies including but not limited to:

- Business travel/movement of goods: evaluate and, where possible, adopt means of reducing business travel
- Employee commuting: having a Smarter Working culture for all employees to reduce the amount of business travel and commuting for our colleagues, helping to reduce our CO2 emissions
- Communication: working with customers, suppliers and contractors to achieve a better understanding of our emission contributions
- Employee learning and behaviour change
- Leadership: the Managing Directors will lead by example, by modelling best practice behaviours in carbon reduction wherever possible, by helping to push for and then implementing changes
- Waste generated in operations

We will still be pushing our business and working with all of our employees, suppliers and contractors to embrace this plan and work collaboratively to achieve the overall goal of Carbon Net Zero by 2050.

As an organisation, Roast & Ground is committed to integrating sustainable development into everyday practice by minimising environmental impact wherever possible.

This Carbon Reduction Plan has been reviewed and signed off by:

Catherine Gray
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Joint Managing Director

Date: October 2023.....