

# ENVIROMENTAL IMPACT REPORT 2022



**BLOSSOM**  
COFFEE ROASTERS



Welcome to our third annual Environmental Impact Report.

In a year of uncertainty for businesses, with extensive supply chain difficulties and seemingly never ending increases in costs, I'm proud that our commitment to sustainability is clearer than ever, and that in the face of these challenges we continue to operate in a way which prioritises the well-being of people and planet.

Writing these reports each year allows us to reflect not only on our own sustainability efforts, but on the wider trends of our industry. Since Blossom was founded in 2020, we have undoubtedly noticed the sustainability bandwagon getting a little crowded, and with that comes an increase in vague claims, buzzwords and greenwashing. Our hope in publishing this report is that by being as transparent as possible about our impact and communicating our efforts in a simple way, we can provide our customers with the tools to hold us and all businesses accountable.

Working in an environmentally sustainable way is a responsibility, not a choice. For as long as we are in business, we will always place sustainability at the centre of what we do and support others to do the same.

Read the report to see what we have been working on and, as always, please let us know of any ways that you think we can improve.

Josh Clark, Founder

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The Climate Neutral Certified label is earned by brands that demonstrate they have invested to avoid, remove, and reduce all of the carbon emissions from making and delivering their products and services.

**The future of our planet depends on all businesses playing their part in reducing their emissions. With time running short, it's everyone's problem to solve. Thousands of companies globally have set net-zero pledges for the distant future, but this isn't enough: there is no reason to wait.**

Our ambition is and always has been to have as little impact on the environment as possible. While we are always looking to invest in new technologies and to implement steps to reduce our emissions, we accept that thorough reduction plans take time. During this time, we are committed to taxing ourselves for the environmental cost of doing business by investing in carbon credits and helping to fund projects that deliver immediate emissions reductions.

We must acknowledge that offsetting is not simply a means to justify 'business as usual': we will never use them as a substitute for the long term de-carbonisation of our operations. While we continue to research greener processes for the future, we have ensured that we only invest in projects which adhere to the Climate Neutral Standard.

**For our 2022 emissions, we invested \$1,670.00**

**Wind:** Projects that support wind energy generation in order to reduce dependence on fossil fuels.

**Landfill gas:** Projects that capture methane gas from landfills to reduce emissions. The gas is then used to power local homes, providing a reliable local energy source.





1%

FOR THE  
PLANET

— MEMBER —

1% for the Planet is a network of like-minded individuals, businesses, donors and Environmental Partners working together toward a common goal: protecting the future of our planet.

We have been proud members of 1% For The Planet since 2021, donating 1% of our sales to environmental non-profits. That means every time someone buys our coffee, we invest 1% of their purchase in organisations working hard to make the world a more resilient and sustainable place.

For 2022 all of our donations were made to our trusted partners World Coffee Research and Manchester City of Trees.





**“Research is an essential basis for improving the ‘goodness’ of coffee: how good it tastes, how good it is for the planet, and how good it is for people who grow it. The coffee we drink today is the result of research conducted in the past. The coffee we drink tomorrow will be the result of research conducted today.”**

Our purpose since day one has been clear: We want people to fall in love with speciality coffee and encourage them to be part of a movement that helps to protect it for future generations. That is why we are such huge admirers and committed partners of World Coffee Research, a non-profit which unites the global coffee industry to drive science-based agricultural solutions to urgently secure a diverse and sustainable supply of quality coffee today and for generations to come.

“The long-term supply and availability of high quality coffee is seriously threatened and there is a lack of research to identify appropriate and innovative ways of increasing cup quality and volumes of quality coffee. In the past, coffee research was primarily focused on crop yields and disease resistance with little consideration for quality. It was conducted by public institutions in coffee-growing countries that have seen their funding gradually erode over the past four decades, or by private companies. World Coffee Research conducts quality-focused research that is shared industry wide for the benefit of all.”

We have supported World Coffee Research since our very first day of trading but 2021 saw us step up our efforts by moving away from the ‘checkoff programme’, in which we donated per coffee we purchased, to a fixed rate \$500 annual membership. This means less time spent on admin for WCR and more money going directly to research programmes. In 2022, we made an additional donation as a contribution as part of our 1% For The Planet dues.





Manchester  
**City of Trees**

2022 has seen us continue our partnership with Manchester City of Trees, a wonderful local charity who aim to reinvigorate the city's landscape by transforming underused, unloved woodland and planting three million trees, one for every person across Greater Manchester, within five years.

Urban trees and woodlands help to lock up carbon, filter air pollution, reduce flood risk and provide essential habitats for wildlife. By donating a percentage of the profits from each bag of Blossom Espresso sold on our website we contributed £340, supporting the planting and maintenance of 34 trees here in the city in 2022.

A 60/40 blend of coffee produced by  
Edson Morais de Barros in municipalities  
de Minas, Brazil and Fernando Luna in  
Apaceta, Jalisco, El Salvador.  
[www.blossomcoffee.co.uk](http://www.blossomcoffee.co.uk)

**Blossom**  
COFFEE ROASTERS



Brazil and El Salvador  
**Blossom Espresso**  
Espresso

*Sweet, round and balanced*



## TRANSPARENT SOURCING

While we enjoy the incredible luxury of speciality coffee on a daily basis, the farmers responsible for producing these lots too often do not receive the necessary income to ensure financial stability for their businesses. When prices are low, roasters and retailers reap the benefits of the margins available along the supply chain, and it becomes clear that the vast majority of price risk therefore falls with the producer. In these instances, a common outcome is that farmers will start to cut corners on sustainable and quality-focused production.

**We cannot expect producers to work in an environmentally sustainable way if we do not pay prices that allow them to do so.**

For us, sustainability begins with a responsibility to work in a way which ensures financial stability for the producers with whom we work, as it is only by increasing sustainability throughout the value chain that we believe speciality coffee production can be secured. We see transparency as absolutely central to this.

By publishing our data and openly communicating how much is being paid for our coffees, we hope to be part of a movement which normalises prioritising living incomes for producers and increases awareness for consumers.

Our second annual transparency report details the quantity, quality, relationship length and price paid for every single coffee we purchased in 2022.

Read our 2022 Transparency Report here:  
[https://blossomcoffee.co.uk/wp-content/uploads/Transparency\\_Report\\_2022.pdf](https://blossomcoffee.co.uk/wp-content/uploads/Transparency_Report_2022.pdf)



Farm/group/ coop	Producers	Lot	Country	Purchase history	Purchased from	Quantity purchased (kg)	Quantity purchased (lb)	FOB \$/lb	Farmgate \$/lb	Blossom quality score
Martir	Mártir group members	Community lot 1	Colombia	3	Osito	2100	4620	3.90	\$3.1 million COP/ carga	85.5
		Community lot 2	Colombia	3	Osito	5950	13090	3.8	\$2.9 million COP/ carga	85.5
	David Ruben Gomez	Geisha	Colombia	3	Osito	140	308	6	\$4.5 million COP/ carga	88
	Robert Pillimue	Copa de Oro pink bourbon	Colombia	3	Osito	60	132	9.6	\$3.1 million COP/ carga	86.5
El Calamar	Gildardo Lopez	Copa de Oro pink bourbon	Colombia	1	Osito	30	66	9.6	\$7 million COP/ carga	86.5
La Fortuna	Diego Hoyos	Copa de Oro pink bourbon	Colombia	1	Osito	30	66	10.85	\$8 million COP/ carga	88
Divino Niño	Divino Niño group members	Decaf community lot	Colombia	1	Osito	700	1540	4.15	\$2.82 million COP/ carga	84
		Decaf community lot	Colombia	1	Osito	2100	4620	4.27	\$2.9 million COP/ carga	84
		Pink bourbon	Colombia	1	Osito	210	462	4.62	\$2.85 million COP/ carga	86.5
La Montañita	Otoniel Hoyos	Pink bourbon and tabi	Colombia	1	Osito	350	770	4.75	\$2.9 million COP/ carga	87
Sitio Boa Vista	Jacinto Hofmann	Red and yellow catuai	Brazil	1	Osito	14550	32010	2.61	2.07	84.5
Sookoo Coffee	Smallholder producers	Bookkisa natural 74110 & 74112	Ethiopia	2	Osito	300	660	4.06	55 birr/kg cherry	87.5
Telila	Smallholder producers	Kecho Anderacha honey 74110 & 74112	Ethiopia	1	Osito	360	792	3.8	46 birr/kg cherry	87
Las Laderas	Fernando Lima	Bourbon	El Salvador	2	Volcafe	5520	12144	3.10	3.05	85
Las Penas	Pedro Aguilar	Caturra and bourbon	Guatemala	2	Primavera	552	1214.4	2.87	2.05	85
		Bourbon	Guatemala	2	Primavera	210	462	3.55	2.73	86
El Granadilla	Mauricio Jimenez	Anaerobic natural geisha	Costa Rica	2	Selva	46	101.2	14	12	88
El Delfin		Yellow honey catuai	Costa Rica	2	Selva	552	1214.4	5.30	4.7	86
San Martin		Anaerobic honey catuai	Costa Rica	2	Selva	207	455.4	6.80	6	87
Nemba	Smallholder producers	Washed red bourbon	Burundi	3	Sucafina	180	396	3	-	86.5
		Natural red bourbon	Burundi	3	Sucafina	180	396	3.20	-	86
Faith Estate	Cecilia Wanjiku Haniel	SL28, SL34 and Ruiru 11	Kenya	1	Sucafina	180	396	3.47	-	87
Musasa	Smallholder producers	Bourbon	Rwanda	2	Sucafina	180	396	3	-	86
Percentage of transparent coffees in relation to the total volume of coffee: 100%					Total	34687	76311.4			



A man with a beard, wearing a dark long-sleeved shirt and dark trousers, is operating a large industrial coffee roaster. He is leaning over a large stainless steel drum at the bottom of the machine. The roaster has a large stainless steel hopper at the top, a control panel with a digital screen and several buttons, and a blue flexible duct leading from the hopper to the drum. The background is a plain white wall.

# OUR NEW ROASTERY

2022 saw us move from a shared space into our very own roastery in our home city of Manchester. This has significantly impacted our ability to make meaningful changes to our operations with the aim of minimising our environmental impact at every step.

## LORING

All of our coffee is roasted on the Loring S35 Kestrel, considered the most environmentally-friendly commercial roaster available. Loring roasters use up to 80% less energy and emit up to 80% less emissions than a comparable conventional roaster, and the recycling of hot air eliminates the need for an afterburner.

## RENEWABLE ENERGY

The electricity used at our roastery is 100% renewable.

## ELECTRIC VEHICLE

We deliver every single order to our wholesale partners around Greater Manchester via our own electric vehicle, significantly decreasing our reliance on couriers and the associated extra cardboard packaging.

## ZERO WASTE DELIVERIES

Many of our wholesale partners choose to receive their coffee in 6kg reusable tubs which we collect, clean and refill each week. On average we deliver 30 reusable tubs per week, meaning the avoidance of 180 single use bags going to waste.





## THE YEAR AHEAD

Though we are proud of what we have achieved in our first two years in business, we know there is always work to do and we embrace the challenges ahead in 2023. By sourcing and roasting the highest quality coffee, building long-lasting, transparent relationships with producers and always focusing on minimising our environmental impact, we hope to demonstrate that there is a better way of doing business. In the year ahead we will focus on:

### TRANSPARENCY

Exploring the cost of production of speciality coffee and adding greater context to our transparency reports.

### WASTE

Reusing or donating 100% of our coffee chaff and jute coffee sacks, avoiding any going to landfill.

### VOLUNTEERING

Increasing volunteering time with local environmental charities.

### PACKAGING

Moving to new packaging for all coffee, which will be made from 86% post-consumer recycled material and will be fully recyclable in waste stream 4 (LDPE).

Rolling out a reusable packaging retail program for our wholesale partners.





The Pledge

**FOR THE  
PLANET**  
— MEMBER —



Manchester  
**City of Trees**