

# GATTERTOP DRINKS C<sup>o</sup>

## SUSTAINABILITY REPORT 2023 - 2024

**GATTERTOP DRINKS C<sup>o</sup> IS ONE OF THE FIRST CARBON NEUTRAL VODKA COMPANIES IN THE UK.**

As a planet friendly company, Gattertop Drinks C<sup>o</sup> are striving to measure and reduce our environmental footprint with sustainable practices and processes. In a climate where the world is facing many environmental and social challenges, Gattertop Drinks Company is paving the way to be the thought leader in sustainable British alcohol brands, doing our part to make the world a better place.



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# FOUNDERS MESSAGE

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## A NOTE FROM GEMMA

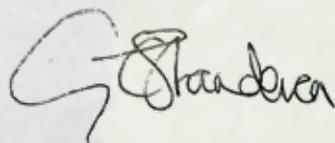
As a Founder of a business and Mother I feel responsible and consequently hugely passionate about the future of our planet; if we change the beginning of the story, we change the end story...

My children, are my biggest critic and when they were 6 and 7 they both decided they didn't want to eat Nutella anymore because they've learnt about palm oil and destruction of the rainforest at school and the impact it is having on the climate. As my children have got older and even wiser, they continue to challenge us. What I am able to say a few years on, is that after hard work and trying to do the right thing, I can look them in the eye and say that we cannot change the world on our own, but let's keep doing what we can, no green-washing or PR stunts, lets keep it simple and change the bit we know best...orchards, vodka and family values.

So, we are on a mission to not only contribute to protecting and preserving traditional orchards; now recognised as being ecologically benevolent and long-term sustainable but also contributing to reducing CO2 emissions through the business. We need a stable climate to produce great fruit and our children need a future they can thrive in.

So have a read, this is what we have been up to and what is coming next.

GEMMA STANDEVEN, FOUNDER OF GATTERTOP DRINKS



# IN SUMMARY

## SECTION 1

### WHAT YOU ABSOLUTELY NEED TO KNOW

*Our motto is to take what you need and leave the rest for future generations and we are always striving to measure and reduce our environmental footprint with sustainable practices and processes.*

#### **NET ZERO**

Net zero carbon emissions from our own operations (Scopes 1 and 2).

In total, inclusive of our supplier emissions, we emit only 10.140 of CO<sub>2</sub> a year. \*

We offset this through verified carbon removal projects.

#### **CERTIFIED ORGANIC**

Being affiliated with the Soil Association provides a certified organic license for our orchards at Gattertop.

Being certified organic supports a thriving population of birds, butterflies, and the introduction of beehives has ensured a perfect environment for pollination.

#### **BCORP**

Application submitted in quarter four of 2023. We want our social and environmental performance to be measured and verified to meet the B Lab high standards that we also value as a business.

#### **WATER SAVINGS**

Natural source waters have the lowest carbon emission and because 100% of our water is sourced from a natural spring on the farm we reduce our total water emissions by up to 80%.

#### **RAW MATERIALS**

Our seasonal ingredients are picked from our orchard significantly reducing our carbon footprint than if we sourced from further afield.

#### **PACKAGING**

Our boxes are made of 90% recycled card, and our use of natural cork stoppers reduces our packaging carbon footprint.

\* Formal verification pending by Environmental Strategies

# CARBON FOOTPRINT

## SECTION 2

### THE GATTERTOP CARBON FOOTPRINT

Our footprint represents all of the emissions that are created by us and those created in our supply chain up to the point that our spirits are purchased from us. This is known as a 'cradle to gate' footprint.

#### PRODUCTION OPERATIONS AT THE FARM

0.877  
TONNES

Scopes 1 and 2: Emissions from our physical site, including tractor, forklift and electricity footprint.

MINUS

0.877  
TONNES

(Carbon removed via offsetting with Forest Carbon)

EQUALS

PRODUCTION OPERATIONS  
(scope 1 and 3)

NET ZERO

#### SUPPLY CHAIN

9.263  
TONNES

Scope 3: Emissions from the cultivation, manufacturing and transport of all raw materials, packaging and products as well as staff travel and site waste.

MINUS

9.263  
TONNES

(Carbon removed via offsetting with Forest Carbon)

EQUALS

SUPPLY CHAIN  
(scope 3)

CARBON  
NEUTRAL

\* Formal verification pending by Environmental Strategies

# PACKAGING AND CIRCULAR ECONOMY

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## NATURAL CORK

Natural cork stopper with a wooden top. Cork is an amazing resource as the thick bark can be stripped every decade to extract the cork without damaging the trees. Both the cork and the wooden top will degrade in your home compost.



## PAPER

Our labels and marketing literature are either made from recycled paper or crushed organic waste.



## REDUCING EXCESS

In 2022 more than 50% of our bottles were sold without the outer single packaging box and by not producing a gift box for retailers we are making huge savings on our carbon emissions.

**GATTERTOP / Gadredechope L1086**

## OUR PARTNERSHIPS, LICENSES, AND CONSIDERATIONS

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### HEREFORDSHIRE WILDLIFE TRUST

By partnering with the Herefordshire Wildlife Trust we commit to helping conserve Herefordshire orchards, improving habitats and engaging people of all ages to take an interest in their local area and wildlife. Earth Day 2022 saw the launch of 'Know Your Roots' announcing our partnership with the Herefordshire Wildlife Trust on a campaign that seeks to engage and inspire our local community and beyond on all things orchard conservation.



### WOODLAND CARBON CODE

Under the Woodland Carbon Code, we offset all carbon during the manufacturing and shipping process. By following the sustainable practices outlined by the woodland carbon code.



### THE WOODLAND TRUST

Gattertop Drinks Co has also partnered with The Woodland Trust, committing to sustainable practices such as planting, protecting, and restoring UK woodland and trees.



### THE ORCHARD PROJECT

We have also partnered with The Orchard Project in support of bringing orchards into the heart of urban communities.



# MEASURING OUR IMPACT



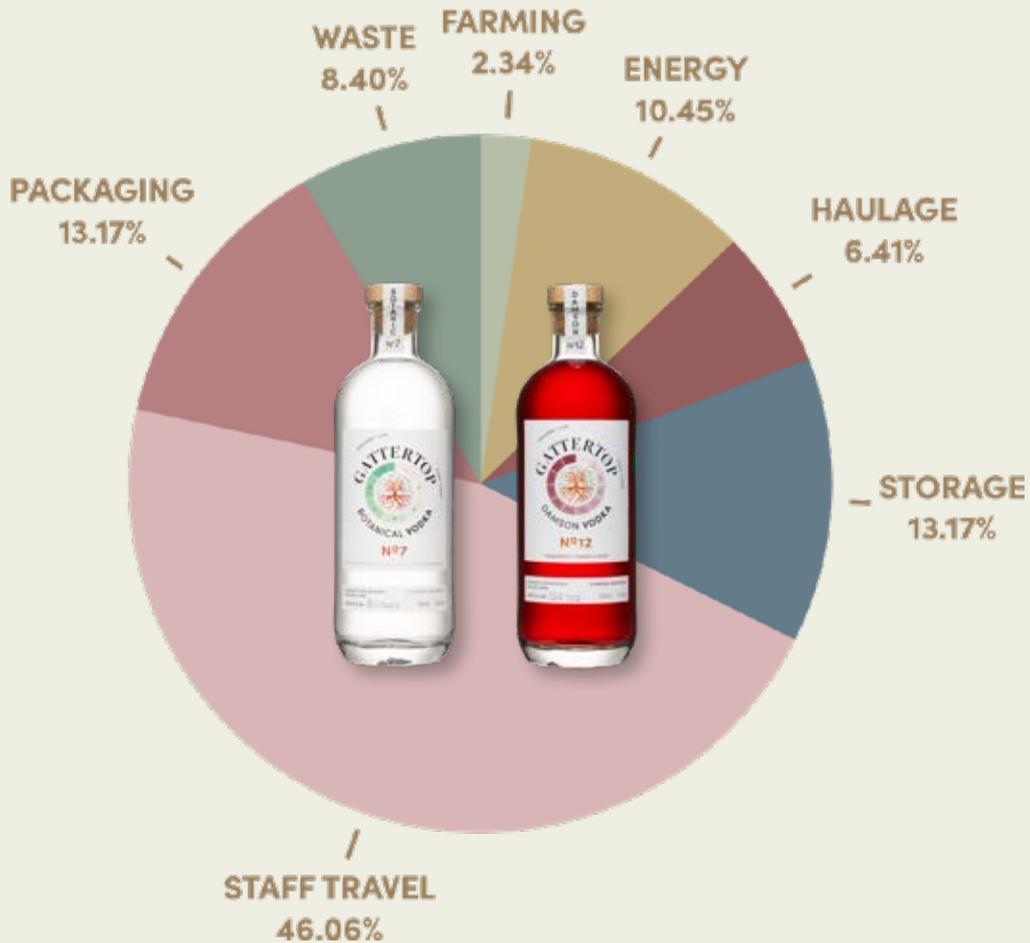
1.53 <sup>KG</sup>  
CO<sub>2</sub><sup>e</sup>

*\*to produce 1 70cl bottle of vodka*

2023



## EMISSION BREAKDOWN PER VODKA BOTTLE



*\* Formal verification pending by Environmental Strategies*

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# WHAT'S NEXT

## SECTION 3

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### THE NEXT STEPS FOR GATTERTOP DRINKS



We're actively reducing the carbon footprint of our products to support the UK Government's target of achieving net zero greenhouse gas emissions by 2050.



By October 2023 Gattertop Drinks will be partnering with 1% Planet, an organisation that pairs environmentally-minded businesses like ours with hard-working charities whose primary goal is the preservation of our planet. It means we formally pledge to donate 1% of vodka sales to our partner charity, The Orchard Project, which in turn is spent on planting and preserving native orchards.



Our aim is to be B Corp certified by end of 2024. Like many other UK companies we believe in doing business responsibly and in putting social and environmental duties on equal terms with profit.



Rollout 5 litre sustainable refill containers for On-trade, reduced packaging, efficient storing and transportation which all contributes to lower carbon footprint.

# REFERENCES

1. Scope 1 emissions 'Direct GHG emissions occur from sources that are owned or controlled by the company, for example, emissions from combustion in owned or controlled boilers, furnaces, vehicles, etc.; emissions from chemical production in owned or controlled process equipment. Direct CO<sub>2</sub> emissions from the combustion of biomass shall not be included in scope 1 but reported separately'
2. Scope 2 emissions 'GHG emissions from the generation of purchased electricity consumed by the company. Purchased electricity is defined as electricity that is purchased or otherwise brought into the organizational boundary of the company' <https://ghgprotocol.org/corporate-standard>
3. Scope 3 emissions 'An optional reporting category that allows for the treatment of all other indirect emissions within a companies' reporting boundary. Scope 3 emissions are a consequence of the activities of the company, but occur from sources not owned or controlled by the company' <https://ghgprotocol.org/corporate-standard>
4. UK government targets - net zero: this strategy sets out policies and proposals for de-carbonising all sectors of the UK economy to meet our net zero target by 2050. <https://www.gov.uk/government/publications/net-zero-strategy>
5. There are varying definitions of 'carbon neutral' but we understand that net zero is distinguished from carbon neutral by meeting both of the following criteria.
  - The type of offsets used balance the footprint - for net zero the footprint must be offset by removal credits but for neutrality the offsets can be avoidance credits i.e., you can pay someone else to not emit CO<sub>2</sub>.
  - Footprint reductions - there is no set level of ambition in terms of emissions reductions to be carbon neutral across your footprint. The 'spirit' of net zero is to achieve significant reductions in emissions in addition to offsetting. Although we have ambitions to reduce our scope 3 footprint, we have not been able to quantify those reductions yet so we cannot be net zero across all scopes.
6. Certified organic by the Soil association: <https://www.soilassociation.org/>
7. The carbon impact of water consumption: <https://wint.ai/blog/the-carbon-footprint-of-water>
8. Reducing water consumption: <https://inspiredplc.co.uk/cop27/reducing-business-water-costs-what-is-a-borehole/>
9. The environmental impact of packaging in the spirits industry: <https://anora.com/en/sustainability/koskenkorva-vodkas-carbon-footprint-packaging-and-barley-cultivation-carry>
10. Scope 1 and 2 production emissions at the farm equalling 0.877 tonnes. <https://www.carbonfootprint.com/calculator.aspx>
11. Scope 3 supply chain emissions equalling 9.263 tonnes. <https://www.carbonfootprint.com/calculator.asp>
12. Corporate partners with The Herefordshire Wildlife Trust: <https://www.herefordshirewt.org/>
13. Corporate partners with The Woodland Carbon Code: <https://woodlandcarboncode.org.uk/>
14. Corporate partners with The Orchard Project: <https://www.theorchardproject.org.uk>