

Carbon emissions report

2019/20

OAK N4's mission is to provide carefully selected wines in a comfortable and friendly environment.

We have always committed to run our operations with the least possible impact on our natural world. That is why we used reclaimed woods, toxic free paints and sourced as local as possible when we first set-up the business nearly five years ago. This approach is also reflected in our operations as since opening our doors in December 2016 the electricity we use is 100% renewable, our insurer is an environmentally conscious one, and we recycle over 90% of our waste.

Whilst we have done a lot of things already to minimise our impact, we are aware that we are still contributing to the global carbon emissions, and in order to become a Net Zero Carbon business we need to offset what we cannot remove from our operations.

The first step in this process is to calculate our carbon footprint. This report is the executive summary of our findings, and also outlines what is next for OAK N4.



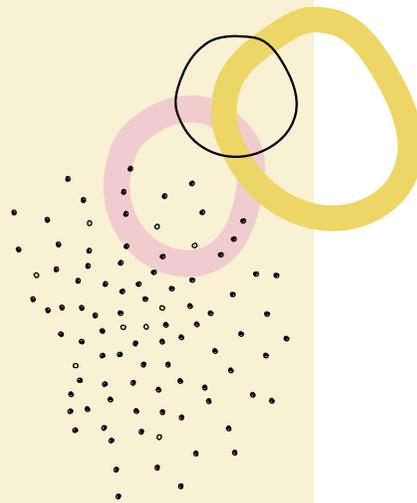


Did you know that a single bottle of wine before leaving the winery generates an average of 1.1 kg of CO2 where the packaging is responsible for nearly half of it?

CO2 per wine bottle

- 46% Packaging
- 32% Grapes Prod
- 16% Energy
- 6% Waste Disposal
- 6% Refrigerating Gas

We decided to focus on the impact of our operation as well as what we do as individuals (within reason). To this effect, OAK N4 calculated our scopes 1, 2, 3 and X (individual contribution) emissions for the year 1st Nov 2019 to 31st October 2020. In addition to informing how much we need to offset, we are now also able to identify which areas we need to address in order to improve our footprint.



OAK N4 does not produce any direct emission through its activities or via our energy usage (as our electricity is 100% renewable). All our emissions therefore – measured in tonnes Co2e – are related to the operations of our business e.g. what we purchase, consume and waste. This is referred to as Scope 3.

SCOPE 1: Our Direct emissions
SCOPE 2: Our energy usage
SCOPE 3: Our core operations
SCOPE X: Our staff habits

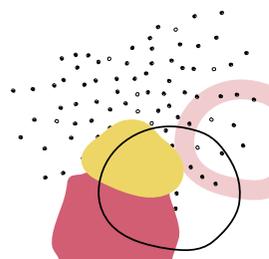
Our wines	Our food	Our other activities
4.5	2	3.5

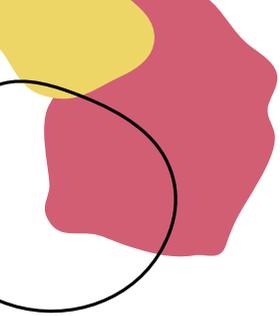
What we found is that our main source related to CO2 emission is the result of our wine buying and selling activity including the production and transportation.

Next is our emissions from the food we buy, consume and sadly waste.

The final area is what we refer to as our 'activities'. This is mainly Scope X related stuff e.g. how we get to and from work, what our own personal habits are and so forth.

The total CO2 emissions for 2019/20:
10tonnes of CO2e





So why is this important?

Humanity finds itself in an Environmental Emergency. The impact of the burning of fossil fuels (oil and natural gas) has generated a global mean temperature increase of more than 1 degree since the Industrial Revolution. As a result of deforestation, mismanagement of natural resources and over consumption, our natural world is literally moments from collapsing. The situation is dire, yet we at OAK N4 are remaining hopeful considering the increase in changes taking place across many sectors, political narratives and the general public. Nevertheless, we also believe that we need everyone to get involved in order to secure a future for ourselves and generations to come.

As a result we will be working on identifying ways to reduce our footprint – by influencing our suppliers to use more sustainable transport options (and offset their own emissions), reducing our own waste and energy consumption, and as soon as we practically can – change to an ethical bank.

In the meantime, we will be offsetting our carbon footprint, and just to be on the safe side we have decided to triple-offset our 2019/20 and future years emissions. We will also offset our retrospective emissions from when we first started our operations in late 2016. We are presently looking for a way to do this – either through a local project (if possible) or something UK based that will sufficiently offset our carbon while also providing other benefits with regards to biodiversity, local employment, and social mobility. Keep tuned.

