



Barleybird CIC

Carbon Reduction Plan

Created by:	Josiah Meldrum (Director)
Declaration:	<p>This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard, and uses the appropriate Government emission conversion factors for greenhouse gas company reporting¹.</p> <p>Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard².</p> <p>This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body)</p>
Signed off by:	Nick Saltmarsh (Director)
Policy created:	March 2024
Due for review:	October 2024 (6 months before financial year end)

Commitment to achieving Net Zero

Barleybird CIC is committed to achieving Net Zero emissions by 2030, in line with lead given by Suffolk County Council's declaration of a climate emergency and subsequent net zero commitment. Our target exceeds the 45% reduction by 2030 as laid out in the Paris Agreement and reflects Barleybird's mission to support the transition to an agroecological food and farming system which we believe will make a significant contribution to the pathway to Net Zero. Net Zero targets should never be considered in isolation and the agroecological transition Barleybird advocates will also help to achieve many of the 17 Sustainable Development Goals (particularly 1, 2, 3, 5, 6, 10, 12, 13 and 15).

In a rapid review carried out for the Climate Change Committee³, Aberdeen University showed that agroecological farming practices have the potential to support carbon sequestration, contribute to CO₂e mitigation, stabilise yields and contribute to the Net Zero pathway. They noted that these practices were already contributing to soil carbon stocks but highlighted the need for further research and support for farmers to help

¹<https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

²<https://ghgprotocol.org/standards/scope-3-standard>

³<https://www.theccc.org.uk/publication/agroecology-a-rapid-evidence-review-university-of-aberdeen/>

them apply agroecological principles. This is work Barleybird was established to deliver and reducing carbon emissions is central to our purpose.

Agroecological principles extend beyond the farm gate and are about more than a set of farming practices. The United Nations Food and Agriculture Organization identifies 10 key elements⁴ and defines agroecology as:

*Agroecology is a holistic and integrated approach that simultaneously applies ecological and social concepts and principles to the design and management of sustainable agriculture and food systems. It seeks to optimize the interactions between plants, animals, humans and the environment while also addressing the need for socially equitable food systems within which people can exercise choice over what they eat and how and where it is produced.*⁵

As well as training and advocacy focused on farm practices, Barleybird is also committed to wider agroecological change. Our courses and other interventions will consider carbon reduction in supply chains (sourcing and procurement processes, transport) and the benefits and carbon efficiencies associated with relocalised economies. Agroecological practices also have a positive impact on health, wellbeing and the more equitable distribution of resources – which in turn bring carbon reduction benefits.

Baseline Emissions Footprint

Barleybird is a new organisation, one that until 2024 was inactive, as such we haven't yet carried out a baseline emissions calculation. Over the next 7 months we'll carry out baseline footprinting work in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol⁶. Once calculated we'll use the table below to record headline findings and develop a set of strategies to reduce emissions.

Baseline Year: 2024			
Additional Details relating to the Baseline Emissions calculations.			
Barleybird has yet to carry out a baseline emissions calculation because the organisation has, until early 2024, been inactive. As such emissions to date have been 100% Scope 3 and largely related to services used in the establishment of the community interest company (for example directors own transport, Barleybird's share of the energy use of host business Hodmedod and use of home office space).			
Baseline year emissions:			
Scope 1	(tCO ₂ e)	Scope 2	(tCO ₂ e)
Scope 3 (Included Sources)			(tCO ₂ e)
Total Emissions			(tCO ₂ e)

⁴ <https://www.fao.org/agroecology/overview/overview10elements/en/>

⁵ <https://www.fao.org/agroecology/overview/en/>

⁶ <https://ghgprotocol.org/corporate-standard>

Current Emissions Reporting

for the Climate Change Barleybird’s 2024 baseline footprint will also be the 2024 emissions report, reflecting the age and activity of the organisation.

Reporting Year: 2024			
Additional Details relating to the Baseline Emissions calculations.			
Reporting year emissions:			
Scope 1	(tCO₂e)	Scope 2	(tCO₂e)
Scope 3 (Included Sources)			(tCO₂e)
Total Emissions			(tCO₂e)

Emissions reduction targets

In order to achieve Net Zero by 2030 we’ll need to set ambitious 2025 targets. As a growing organisation we’ll measure these as a percentage decrease in emissions relative to turnover as well as in tonnes of CO₂e. We’re aware that 2025 will show higher Scope 1 and 2 emissions than 2024 – because Barleybird will be active – and these totals will inform 2026 targets and our pathway to Net Zero. 2026 targets will build on the work in 2025 and should be in line with 2024 emissions (which in tonnes of CO₂e will be close to zero).

Carbon Reduction Projects

Once Barleybird’s baseline footprint is completed we’ll develop a carbon reduction strategy and targets (above) and implement through carbon reduction projects.