



Dole UK Carbon Reduction Plan

March 2023

Dole plc Carbon Reduction Targets (Indicative)

- Achieve net-zero emissions before 2050.
- 25-30% Reduction Scope 1 & 2 by 2030
- 12.5-15% Reduction Scope 3 by 2030
- 50% of Dole suppliers (by volume) to set SBTI targets by 2030.

Current Emissions Reporting

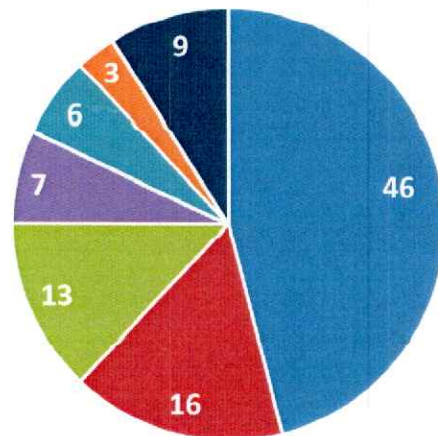
The Dole plc carbon footprint according to scope was calculated by Quantis in 2022. This was the first full footprint calculation for the new group Dole plc. The 2022 emissions inventory includes all scopes calculated by value. We are currently gathering our group 2022 data and aim to have granular data by individual business unit i.e., Dole UK. The group annually submits data on our energy use and carbon emissions to the CDP.

Emissions	Total %
Scope 1	10.3
Scope 2	1.0
Scope 3	88.7
Total Mt CO₂ e	9.8

Scope 3 is a significant part of a fresh produce companies environmental footprint, gathering data across a global supply base of many growers of all shapes and sizes is a conundrum for all fresh produce companies. Dole is collaborating with Freshfel, the European Fresh Produce Association and Wageningen University in a project to create a shadow PEFCR for global fruit and vegetables.

Scope 3 Footprint Breakdown by %

46%	Purchased goods & services
16%	End of Life
13%	Upstream & downstream transport
7%	Shipping fleet
6%	Capital Goods
3%	Fertiliser
9%	All Other categories





Climate Action

Reducing emissions from our operations is one of the most significant contributions Dole can make to address climate change. We plan clean sources of energy in our supply chain and to power our vessels, processing and packing operations. Our farming operations and technical teams in country continue to focus opportunities to decrease emissions through our own trials and working with growers to identify alternative farming practices. In 2021 we recorded a 4% decrease in the group's emissions from the 2020 baseline for scope 1 and 2 (*calculated on a proforma basis). The reduction is attributed to our investment in new and more efficient vessels to transport our produce as well as our ongoing efforts to switch to renewable energy within our operations.

Year over Baseline Scope 1 and Scope 2 (market based)



Dole has committed to set more ambitious targets for 2030 to reduce emissions and to set Science Based targets aligned to the SBTi Guidelines. We intend to submit our target to SBTi for review by 2023.

Dole Partnership & Stakeholder Engagement

Dole is committed to collaboration with industry partners and stakeholders because we believe meaningful change cannot be achieved without industry and supply chain partnership. We engage across the business authorities and NGOs to help find solutions to pressing issues in the food and agriculture industries. Through collaboration we can advance our ambitions together as partners in sustainable business.

Organisation	Involvement	Scope
World Wildlife Fund (WWF)	Partnership	Improving Banana Farming
GIZ	Partnership	Developing Sustainability Projects
Produce for Better Health (PBH)	Partnership	Promoting Healthy Nutrition
Share our Strength (No Kid go Hungry Campaign)	Partnership	Promoting Healthy Nutrition
Musa Breeding Company	Partnership	New Varieties
Rainforest Alliance	Partnership	Contribution to standard development
Global G.A.P.	Partnership	Contribution to standard development
Origin Green	Partnership	Improving the sustainability of food
Sedex	Partnership	Improving worker conditions
Leaf	Multi Stakeholder Initiative	Improving sustainability on UK farms
WRAP	Multi Stakeholder Initiative	Improving food waste management
Global Food Safety Initiative (GFSI)	Multi Stakeholder Initiative	Promoting food safety
Alliance for Water Stewardship (AWS)	Multi Stakeholder Initiative	Improving water governance
Centre for Produce Safety (CPS)	Multi Stakeholder Initiative	Promoting food safety
Holistic Water for UK Horticulture Steering Group	Multi Stakeholder Initiative	Improving water governance
European Fresh Produce Association (Freshfel)	Industry Group	Advancing Industry Dialogue
International Fresh Produce Association (IFPA)	Industry Group	Advancing Industry Dialogue
UK Fresh Produce Consortium (FPC)	Industry Group	Advancing Industry Dialogue



Dole UK Carbon Reduction Projects

We currently have a wide variety of sustainability projects being progressed in Dole UK. We recognise that the industry has a significant Scope 3 challenge, and it is going to be some time before growers and suppliers are geared up to provide sustainability data as part of doing business, we are therefore working hard at industry level and with growers to improve data systems, whilst supporting growers with projects designed to improve future farming practices. It is currently hard to quantify these reduction projects but that is our future aim.

Current Scope 1 and 2 Projects

- We source renewable energy for Dole UK branches.
- We have an electric vehicle project.
- In Dole Ireland we have a Green diesel project.
- We have a plan to install solar panels at 3 sites.
- We regularly complete energy audits on our sites, and this has seen us improve lighting, electric doors, and refrigeration.
- The sustainability credentials of all new capital projects are now considered equally with cost.

Scope 3 Projects

- We are currently installing new compliance software to track our supply chain compliance. This software also helps us risk assess our procurement activities from an environment and ethical perspective.
- We have reviewed our supply chains water risks using the WWF water filter.
- In our retail packing operation, we monitor food waste using WRAP protocols. Food waste in 2022 was measured at 1.07%.
- We have been working with WRAP on an "on farm" food waste project.
- In 2023 we plan to launch "Go Green in Branch" an internal sustainability initiative that aims to educate colleagues in sustainability, create local carbon reduction projects and generally improve our sustainability credentials.

Climate Change Projects

We recognise that our supply chain and growers are a significant part of our overall footprint. We support our growers in many ways from workshops, direct discussion, industry led initiatives and our own future of food trial site that aims to look at growing challenges and to identify future farming practices.

Projects include.

- Hydroponics
- Alternative substrates
- Bio fertilisers
- Robotics and drones
- LED lighting
- Vertical farming
- Low footprint packaging
- Farm plastic reduction
- Climate resistant varieties
- Water reduction and stewardship
- Water capture
- Alternative production systems - Cravo
- LED lighting - seasonal extension

Over the next 5 years we plan to consider and implement further measures to reduce our carbon footprint, some of these initiatives will be industry led and others like the future food projects will start at local level and then be expanded to our growers.

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated Guidance and reporting standard for Carbon Reduction Plans.

This Carbon Reduction Plan has been reviewed and signed off by the Managing Director of Dole UK

Mark Owen. Managing Director Dole UK

Date: April 2023