



# Bumble Hole Foods Ltd

## Environmental Sustainability

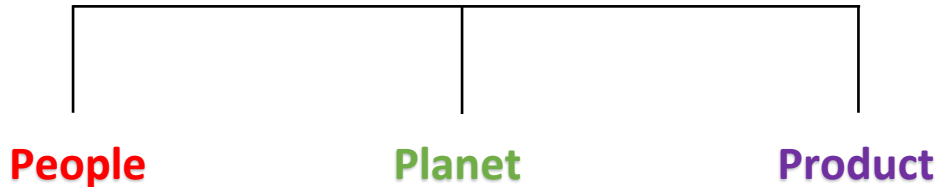
### Report 2022



# Our Vision



As a company, we have three main focus areas: people, planet and product. Our ultimate aim is to provide suppliers with the best quality product possible, whilst being as ethical as possible towards the environment and society.



As a result, we are putting a significant focus towards sustainability. We have chosen the United Nations Sustainable Development Goals (SDGs) as a framework for our environmental sustainability strategy as we believe it is critical to align ourselves to this global agenda, in order to make the best possible impact to sustainable development.

We have identified the following priority goals as key to our environmental sustainability vision:

- SDG7: Affordable and Clean Energy
- SDG12: Responsible Consumption and Production
- SDG13: Climate Action
- SDG15: Life on Land

Our overall aim with environmental sustainability is to achieve carbon neutrality as soon as economically possible. This report will subsequently outline how we are already contributing to this goal, as well highlight our environmental-oriented targets for the future.



**SUSTAINABLE DEVELOPMENT GOALS**  
17 GOALS TO TRANSFORM OUR WORLD





# Current Progress



We believe it is essential to celebrate the progress we have made so far on our sustainability journey. Alongside our energy partners Enviryra Ltd we have already made a big step towards reaching carbon neutrality:

## Managing Climate Change

- Installed Solar PV across site
  - o In 2022 we added a 363 kW solar PV array to our already existing network
  - o Our now 413 kW array accounts for 15% of our electrical consumption, and will reduce associated carbon emissions by 2141 tCO<sub>2</sub>e
- Upgraded equipment to increase energy efficiency
  - o Holistic mapping has been utilised in order to increase the efficiency of heat pumps across site
  - o Monitoring and automation systems have allowed us to increase the energy efficiency on our compressed air system by 52%
- Undertaken preventative maintenance across site when not in use
- Installed two EV charging points on site
- Utilised rainwater in our sanitation system in order to minimise water consumption
- Installed 100% LED lighting across site



## Reducing Industrial Waste

- Made changes to recycle 100% of our cardboard waste
- Committed to recycling 100% of cardboard egg trays
  - o 80% transformed into notice boards
  - o 20% reused by local farmers



## Reducing Natural Waste

- Formed partnerships to ensure that 100% of shell waste is recycled back into the land
  - o We are currently working with local higher education institutions to understand the effectiveness of eggshell as a fertiliser in terms of yield
- 100% of food waste is recycling through pet food manufacturers and processes of anaerobic digestion



# Goals for the Future



It is critical that Bumble Hole commits to quantifiable goals in order to produce the best impact for people and the planet. These are the following areas that we believe are the most important to increasing our environmental sustainability influence:

## Managing Climate Change

- By 2035 we aim to achieve carbon neutral status
- By 2028 we aim to expand our solar PV network by 40%, as well as increase our battery storage system to increase our renewable generation capacity
- By 2030 we aim to integrate innovative helix wind turbines onto the roof apex to further increase our renewable energy generation
- Continue to effectively manage our equipment in order to maximise energy efficiency and aid in meeting our net zero carbon target
- By 2030 we aspire for our transport fleet to be 100% electric



## Reducing Industrial Waste

- Encourage bigger pack sizes to reduce the material required
- Implement environmental friendly equipment and utensils in offices (eg: recycled paper for printers)



## Reducing Natural Waste

- By 2025 we would like to have reduced the amount of natural waste we create through egg breakage by 20%



## Biodiversity Enhancement

- By the end of 2023, we aim to have installed a number of bat, hedgehog and bird houses across site, as well as successfully managed wildflower meadows in the appropriate seasons
- We are currently looking into installing a number of bee hives across the site so we can produce our own honey
- Planting our own fruit trees on the land
- Contribute more to tree planting efforts through volunteer work and monetary donations
- Adapt site waste management to encourage increased composting of natural material



## Supply Chain

- Encourage key customers to make environmental conscious choices (eg: through packaging choices and size)
- Complete annual checks with suppliers to ensure that are contributing to environmental sustainability through their own practices