

# ANNUAL



# UNITED KINGDOM

2022/2023



## Our Partners



**£700+**

FUNDING RECEIVED

**52**

ACTIVE MEMBERS

**1,900**

HOURS DEDICATED

**3,200+**

LIVES IMPACTED



## Entrepreneurial Leadership

Identifying needs and opportunities

- ### 1. Bee Population Decrease

13 bee species were **lost** since 1900, and a further 35 are now under **threat of extinction**. In the past 60 years, **97%** of bee's habitat was **lost**.
- ### 2. Lack Of Education On Bees

Primary education revenue has **declined** at a compound annual rate of 0.6% , with primary schools typically only having **33p to spend** on gardening supplies **per pupil**.
- ### 3. Community Involvement

Building a **strong community** around Bee Sustainable will increase its **impact**; by involving volunteers in bee conservation efforts the project will increase engagement with **local communities** and stakeholders thus creating opportunities for building **awareness** and support for the project.



Building bee gardens and bee hotels



Creating educational resources



Manufacturing and selling beeswax products

**Directly impacting** wild bee and bumblebee populations with bee gardens around London, created with **bee-friendly plants, bee hotels**, and a climate change representing **beeswax sculpture**.

**Educating** kindergarten and pre-school children about bees to create a **generation of changemakers**, through distribution of educational **colouring books and seeds**.

Raising **awareness** of the decrease in bee populations and gaining **funding** for the project through ethical, non-toxic, and locally-produced **beeswax candles**.

## Innovation

## Sustainable Positive Impact



### People

- Local community members who purchased our candle who are now more aware of the declining bee population and can take further action
- Local businesses who we source our resources from



### Planet

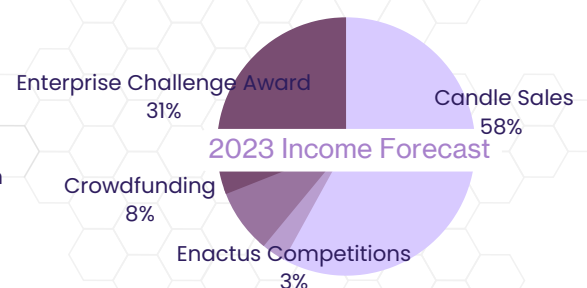
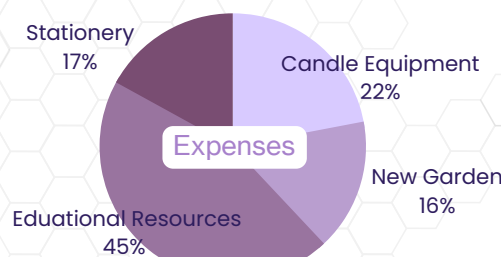
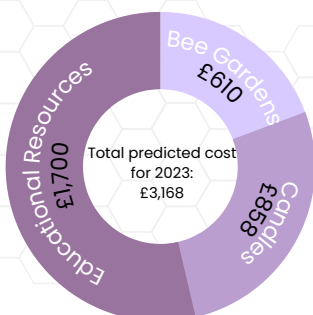
- ~3,200 bees at our first bee garden at the Avery Hill campus, through bee-friendly plants planted at volunteering events and by our team
- Approximately 1620 litres of oxygen produced by plants in our first bee garden



### Prosperity

- Currently setting up a crowdfunding campaign to raise funds for a second garden
- 50% increase in candle sales in 2023
- £550 funds generated for the project and currently competing for further £25,000

## Use of Business Principles





# MycNOW

Future of Sustainable packaging

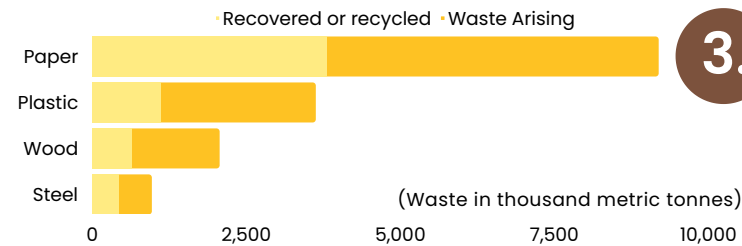


Project Stage: Ideation

## Entrepreneurial Leadership

Identifying needs and opportunities

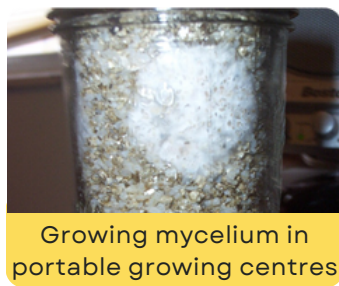
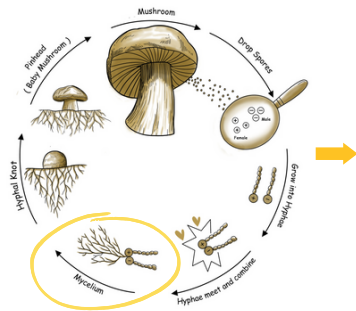
**1. Packaging Waste**  
Only **9%** of plastic waste has been **recycled** globally. 36% of all plastics produced are used in **packaging**, most of which is **single-use**. **85%** of it ends up in **landfills**.



**2. Climate Change**  
**98%** of single-use plastic products are produced from **fossil fuels**. The level of **greenhouse gas emissions** associated with the production, use and disposal of these contributes to **climate change**.

**3. Recycling Is Not A Solution**  
Of the **7 billion tonnes** of plastic waste generated globally so far, **less than 10%** has been **recycled**. The estimated annual loss in the value of plastic packaging waste during sorting and processing alone is **US\$80-120 billion**.

## Innovation



- Benefits**
- Eco-Friendly
  - Compostable
  - Mycelium can be grown in just 2-8 weeks
  - Natural resource
  - Cost-Effective
  - Customisable

## Sustainable Positive Impact

- People**
  - Small businesses can use budget friendly packaging, while helping the environment
  - There is less waste in Greenwich and surrounding areas as mycelium packaging biodegrades in only 40 days
- Planet**
  - By reducing the paper and plastic waste in the landfills, the environment that is vital for the ecosystems and habitat is improved, thus resulting in a cleaner earth
- Prosperity**
  - The project has already been awarded £150 in funding and has received mentoring, maximising its chances for success
  - The impact predicted in the next year will be the replacement of 100kg plastic packaging, resulting in £400 profit

### Unique Value Proposition

sustainable, cost-effective, and customisable mycelium packaging made in portable growing centres that are currently being prototyped.

### Target Customers

- Small business owners
- E-Commerce businesses

## Use of Business Principles

