

Mushroom[®] Packaging



Grown to shape the future of shipping.

- ① Every year, 900,000 metric tons of plastic protective packaging foam are used in the United States alone. These materials have exceptionally high embodied energy, requiring 1.78 metric tons of petroleum per metric ton of plastic packaging.
- ② A comprehensive Life Cycle Assessment found that Mushroom® Packaging uses only a tenth the energy to produce. Fully replacing plastic foam would save 1.45 million metric tons of petroleum, and produce only an eighth of the GHGs.

**Save 1.45M mt
of Petroleum.**

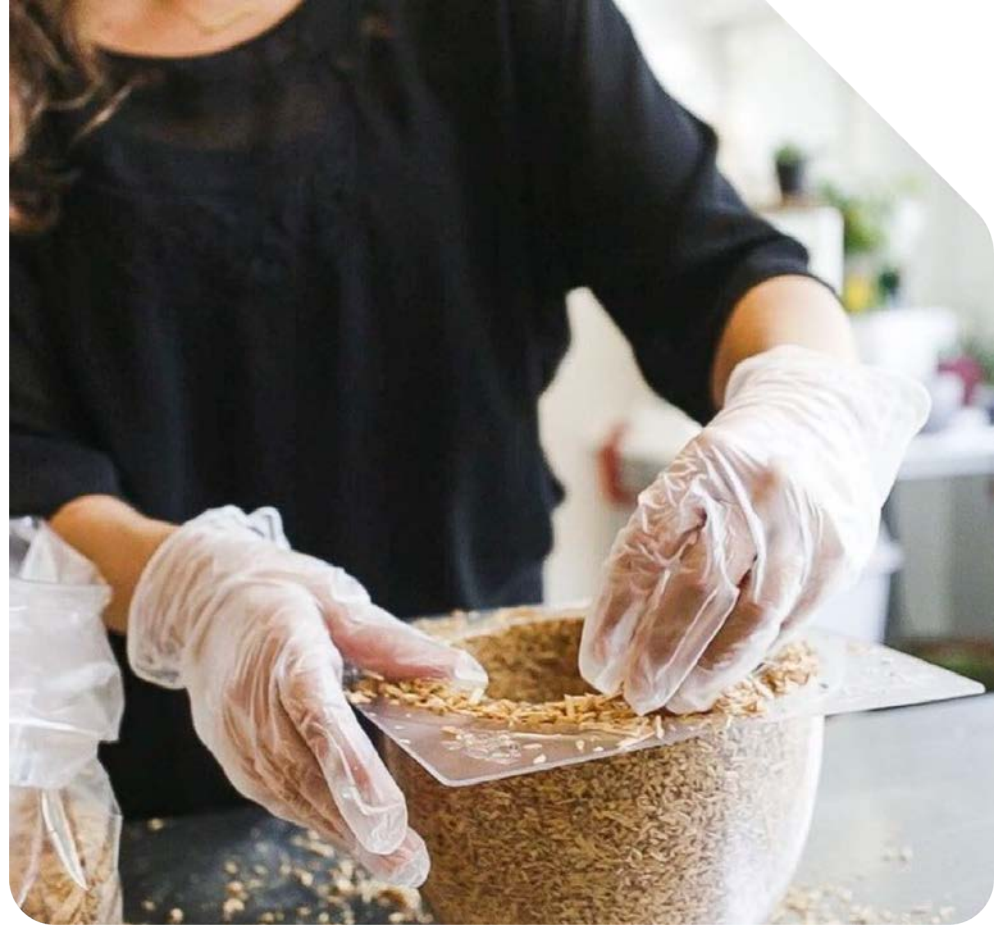
Mushroom[®] Packaging is simply made with two ingredients: **1** hemp hurd and **2** mycelium.

Grown in seven days.

Mushroom® Packaging is a high-performing packaging solution that's cost-competitive, thermally insulating, and water-resistant. Add to the soil to compost in 45 days.

100% Biobased - Certified by the USDA.





1 Combine agricultural waste and mycelium

2 Grow for 7 days



time lapse video of growth process



3 Home compostable packaging

MycoComposite

Circularity

1. **Mycelium is grown on waste from agriculture and forestry.**
2. **Mycelium converts the waste into Mushroom Packaging products.**
3. **Mushroom Packaging is entirely home compostable.**
4. **Compost from Mushroom Packaging can be used to grow new plants.**



Grown on three continents.

Mushroom® Packaging has a global presence with technology licensees in North America, Europe, UK, and Asia. In 2022, we produced more than 2.1 million units. Our new N.A. facility is capable of growing 5 million parts annually. Our goal is to replace over 2 billion pieces of styrofoam with mycelium by 2032.

UK, Europe 🌍



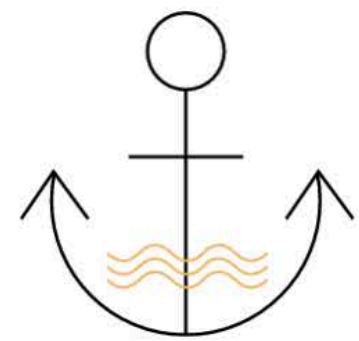
Auckland, New Zealand 🌍



New York, USA 🌍



Why Mushroom Packaging?



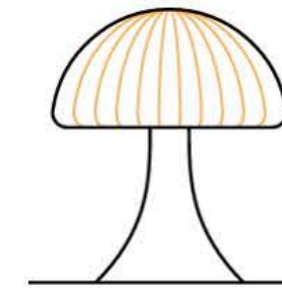
Ocean Safe



Plastic Free



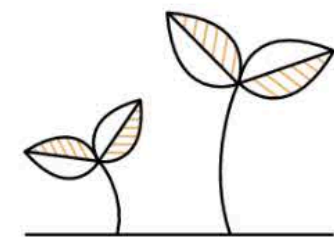
Chemical Free



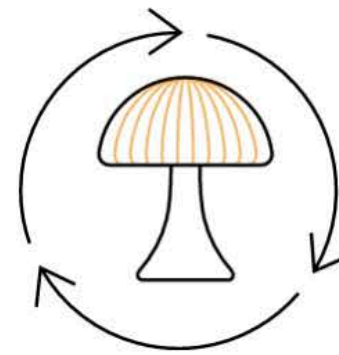
Natural



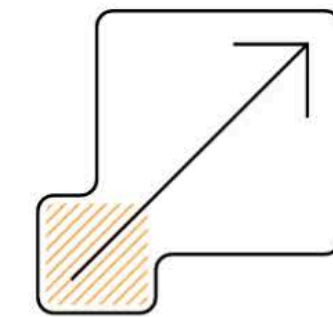
Flame Resistant



Grown



Home Compostable



Scalable



Water Resistant



Custom Design

About Ecovative

Ecovative is a materials science company.
We use mycelium to solve some of the biggest problems on spaceship Earth.

- We harvest delicious bacon without the pig.
- We biofabricate leather without the cow.
- We grow home-compostable packaging to replace plastics

Grown packaging at a scale for your business ///

Ecovative has been an R&D partner and manufacturer for some of the biggest brands in the world. Dell Computers commissioned 50,000 units / month of Mushroom Packaging to protect server platforms in shipping.



Oliver Campbell holding up mushroom based packaging for Dell servers



Seasoned Team & Board

100+ Employees

Expert Material Science Leadership



Technology Leadership

74+ Patents

Comprehensive global patent portfolio



Operations on a Global Scale

3 continents

North America, Europe, and Asia



Current Addressable Market

\$1+ Trillion

Food, textiles, automotive, packaging

Thank You!

