Harnessing hemp and mycelium to grow regenerative, structural building materials

Presentation · Abstract available · Media

Highlights

- 1 of 5: Plastic Recycler 7 UNESCO - Invest Ocean is the first structural, recyclable plastic
- Discovering the power of mycelium, specifically, our extraction, isolation and expansion from substrate
- How we create a novel material for a great fit in our building material that is both structural and insulative
- Answers to the most interesting questions in the Q&A
- Once main ingredient, honey, is a cash opportunity now, in winter, when honeybees are dormant
- Lack of chemical spraying and the honey bees alone (30^7 cells) in a town of 8000 people is a huge pollination opportunity
- Our unqualified recommendation: PBNCo is a team of supremely smart people that you enter, FREE-SOARING
- Extreme sustainability and extreme value-for-money: extraordinary

Featured Investor

Robert Glazer Thiel Partner

Founder & CEO, Acceleration Partners, practicing ecological entrepreneur

Invested $500K

Our Team

Joshua English Co-Founder

Joshua is a mycologist and biochemist with a passion for growing fungi and plants. He has a deep knowledge of fungal biology and has developed a unique process for growing mycelium-based materials. Joshua's expertise in fungal biology is the foundation of our research. Moreover, he leads the team of scientists and engineers in developing our products.

Mark Chandler Co-Founder

Mark is a serial entrepreneur with a passion for creating facilities and companies that are sustainable, and benefiting building materials as well as the environment. Mark has a deep knowledge of construction and the built environment. He leads the team of engineers in developing our products.

Mark Chandler

Co-Founder, Chief Executive Officer

Chris Haywood Co-Founder, Chief Operating Officer

Chris has a business and construction background. He has a deep knowledge of the construction industry and the built environment. Chris leads the team of engineers in developing our products.

John Gabrecht Co-Founder, VP Operations

John has a background in engineering and construction. He has a deep knowledge of the construction industry and the built environment. John leads the team of engineers in developing our products.

Karl Thiel Co-Founder, Chief Technology Officer

Karl has a background in engineering and construction. He has a deep knowledge of the construction industry and the built environment. Karl leads the team of engineers in developing our products.

Mark Chandler Co-Founder, Chief Executive Officer

Mark is a serial entrepreneur with a passion for creating facilities and companies that are sustainable, and benefiting building materials as well as the environment. Mark has a deep knowledge of construction and the built environment. He leads the team of engineers in developing our products.

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We make the world's strongest mycelium based composite

OUR MISSION IS SIMPLE...We want to bring the world's first structural mycelium based composite to market.*

*Leading with material innovation focused in climate and ecological impact.

WHY ARE WE DOING THIS?

Electricity is everywhere and the main culprit for the use of plastic. Plastic is a petroleum product and is the most widely used material in the world. Plastic is used in packaging, construction, electronics, and many other industries. Plastic is a major contributor to climate change and pollution, and is responsible for the formation of our oceans. Moreover, it takes the earth 1000's of years to decompose plastic, and it never truly goes away.

We are the world's strongest mycelium based composite. We are a material science company that is developing a new type of building material that is both structural and insulative. Our material is made from a combination of mycelium and hemp. We are using this material to create a new type of building that is both structural and insulative.

HOW THE FUNDS WILL BE USED

- 40% for manufacturing equipment, which consists of our growing facilities and one of the self-supportive, between 10 and 20 feet in the center of the room, and the other is a mycelium growing facility.
- 30% for HR (wages, benefits) to increase our team to our manufacturing facility and sales and marketing.
- 20% for IP (Intellectual Property) to secure our technology within the US and internationally.
- 10% for travel, trade, etc. We anticipate a lot of travel to meet with potential customers and partners, and to attend trade shows and conferences.

Now that you know why and how we plan to change the world, we'd like to tell you about the products we are working so hard on this endeavor.

THE REALLY BIG PROBLEM

Sustainability and Environmental Impact

Construction and demolition waste accounts for 73% of total waste generated in the US.

Construction and demolition waste is a major contributor to climate change and pollution.

Construction and demolition waste is a major contributor to the formation of our oceans