



Applied Bioplastics

Transforming manufacturing
with **sustainable biomaterials**

PROBLEM

Plastic manufacturing accounts for 7% of total human carbon emissions and have become the fastest-growing source of oil consumption.

Plastics - Share of Global Oil Consumption

2020: 7%

2050: 20%

SOLUTION

Applied Bioplastics is commercializing **low-cost, cellulose based** biopolymers as a substitute for petroleum plastic.



ADOPTION

Existing manufacturing equipment and processes do not change, enabling **swift global adoption** of our technology.



Twin-screw Extruder

We use industry-standard equipment for ease of adoption.



Injection Molder

TRACTION



▶ **Advanced
Manufacturers**



**\$40 Million
in Pre-Orders**



▶ **Injection
Molders**



▶ **3D Printers**

ADVISORY BOARD

Increase probability of success of Applied Bioplastics by

- **De-risking** critical decisions
- Expanding team knowledge
- **Raising visibility** of the company across customers, investors, and relevant ecosystems



Abhishek Ambekar
Our place in polymer innovation



Dr. Tim Stephens
Business Strategy, Growth



Jamil Wyne
Emerging Markets, Funding



Jay Rosenzweig
Social Good, Legal



Kevin Rowell
Social Good, Humanitarian



Dr. Lawrence Drzal
Our place in polymer innovation

IMPACT

At scale, we will be removing **hundreds of millions of tons** of CO₂ from the planet.



Economic empowerment with fair-trade cash crops



Find Us



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