Circular Plastics, Sustainable Economies

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Trillion $ Plastic Problem
**Existing solution – PHAs (Polyhydroxyalkanoates)**

**PHAs are the “platinum” of the plastics industry.**

- **PHAs**
  - $2.5/lb

- **Commodity Plastic**
  - <$1/lb

**Too Expensive**
Genecis Reduces 40% of PHA Production Cost

Current PHA Manufacturers

**Sugars** from food crops

$2.5/lb

**Carbons** from organic waste

~$1.5/lb
We Convert Food Waste into PHAs using Bacteria

Food Waste → Carbons → PHA Bacteria → 1st Product Line: PHAs

SynBio Platform

Synthetic Bacteria → Premium Chemicals
Fast Expansion with Tech Licensing Model

1. One-Time

- Chemical Companies
- License Fee: $500K

2. Recurring

- Waste Companies
- License Fee: $500K + Royalties: ~5%
Genecis Makes More Money but Costs the Same

All have the **same cost** of setup
What’s Next - the Future

Future Genecis PHA = 65% cheaper
Award-Winning Scientists & Engineers in Biotech, Engineering, Com.Sci.

**Luna Yu, MASC.**
CEO
Built 2 profitable startups

**Abdul Khogali, MASC.**
Chief Business Officer
Led Multi-Million Dollar Deals

**Brad Witt**
Chief Financial Officer
20 Yrs of Exp at Dow, Cargill

**Hasitha de Alwis, MASC.**
Biochemical Lead
7 Publications

**Dr. Vani Sankar, PhD**
Biotechnology Lead
10 Years of R&D and Scale-up

**Kevin Eriksen, BEng**
Programming & AI Lead
5 Yr of Robotics and Programming

**Marcos Igreja, BEng**
Bioprocessing Lead
1st Place Quebec Eng. Comp.

**Michael Williamson, MEng**
Mechanical & Polymers Lead
2 Yrs of Manufacturing Experience

**Sudhanshu Soman, MEng**
Chemical Engineering Lead
4 Yrs Process Engineering
Seeking Strategic Partnerships