



*Circular Plastics, Sustainable Economies*

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A vast landscape of plastic waste, including bottles, containers, and debris, stretching to the horizon under a dramatic sunset sky. The sun is low on the left, casting a golden glow over the scene. The plastic waste is piled high, with a large mound on the right side of the frame. The foreground is filled with various types of plastic trash, including blue and yellow containers, white bottles, and other debris. The sky is filled with soft, wispy clouds, and the overall atmosphere is one of environmental devastation.

# Trillion \$ Plastic Problem

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



PHAs

\$2.5/lb



Commodity Plastic

<\$1/lb

**Too Expensive**

## Feedstock

### Current PHA Manufacturers



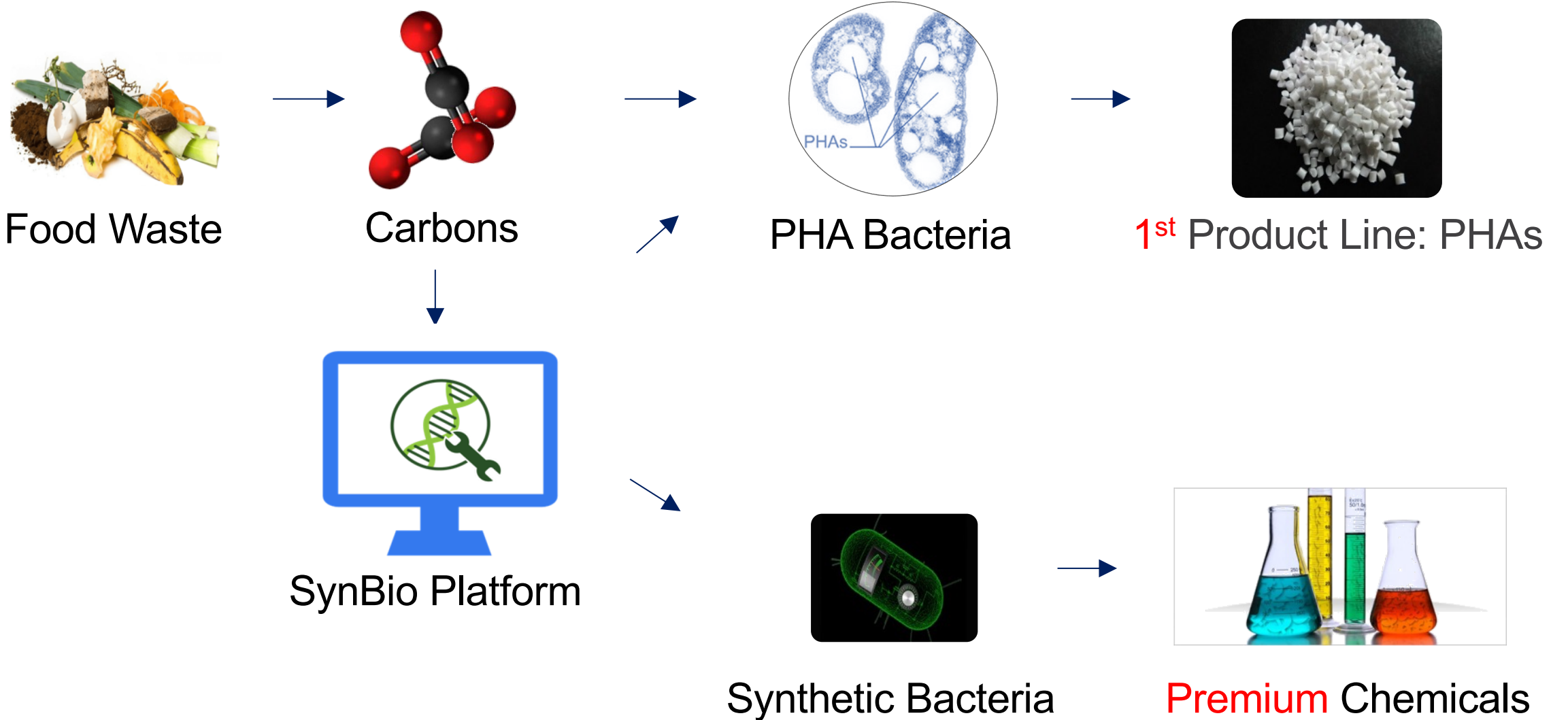
**Sugars** from food crops

**\$2.5/lb**

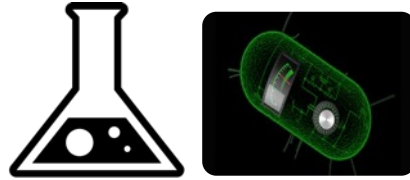


**Carbons** from organic waste

**~\$1.5/lb**



**1. One-Time**



Chemical Companies

**\$500K**

License Fee

**2. Recurring**



Waste Companies

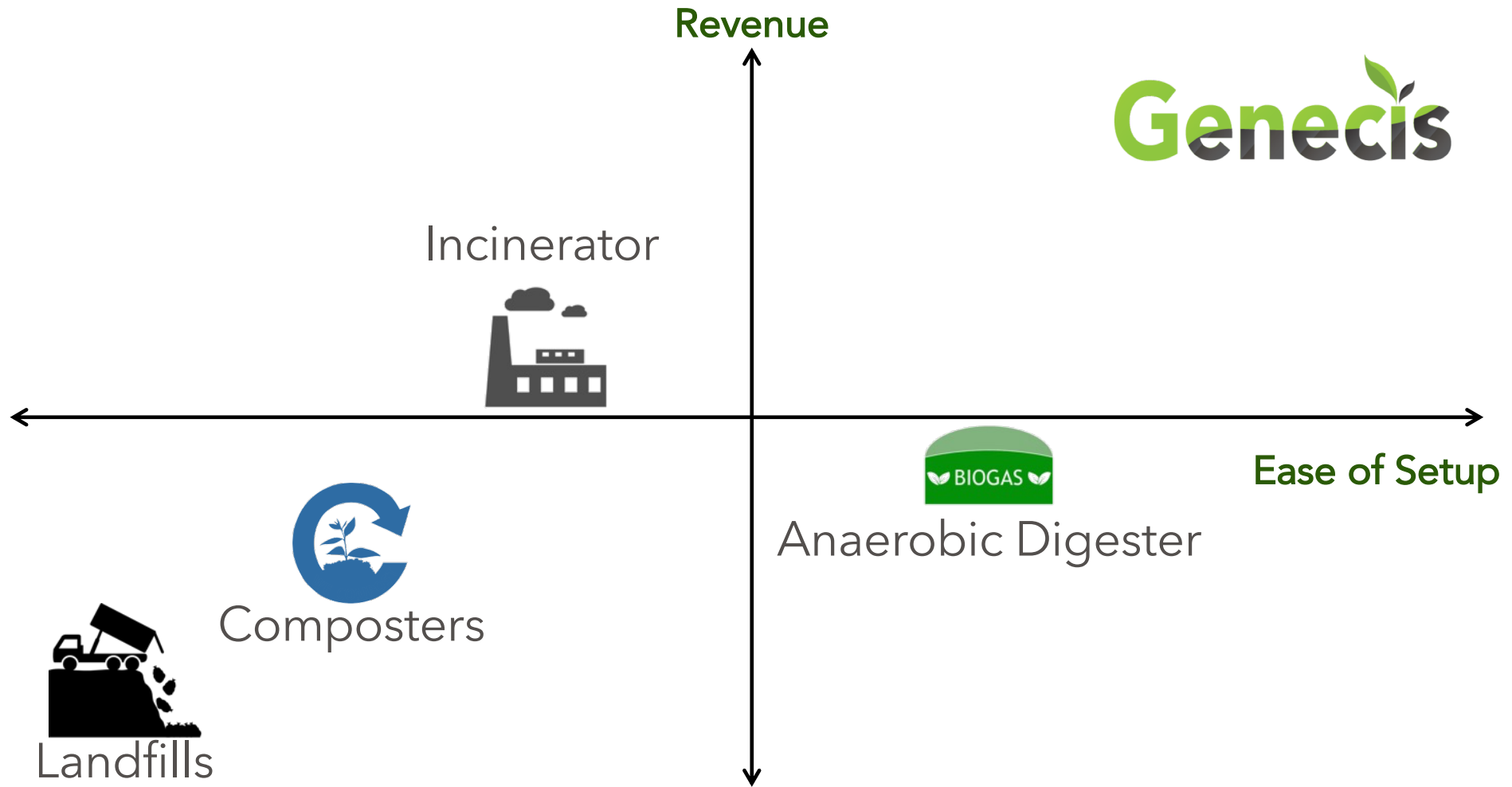
**\$500K**

License Fee

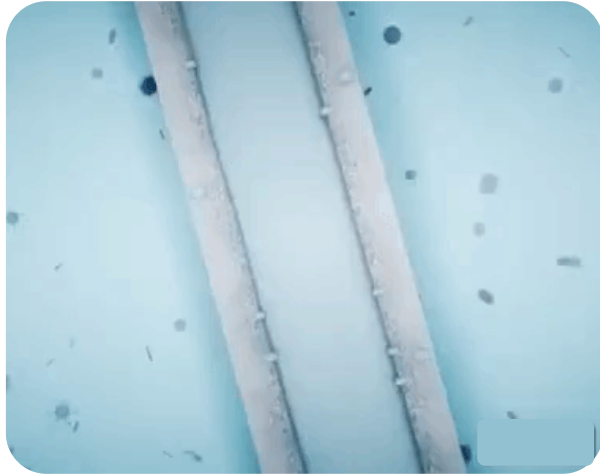
**+**

**~5%**

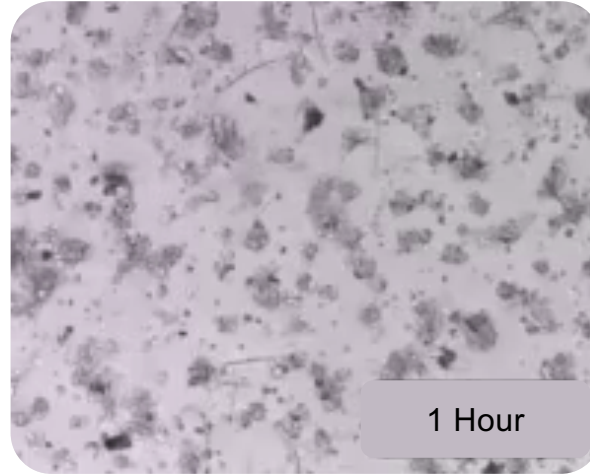
Royalties



All have the same cost of setup

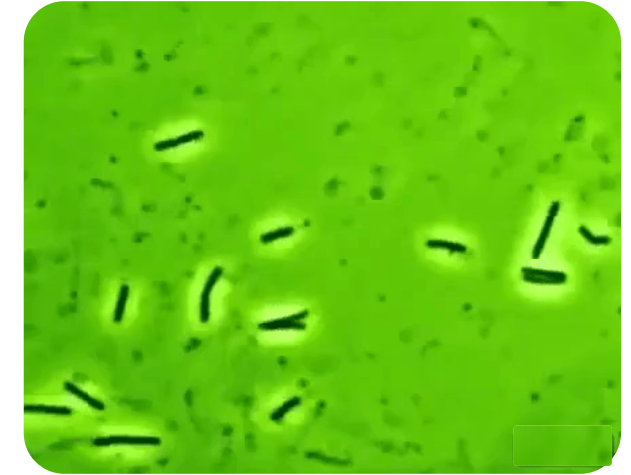


Sterilization

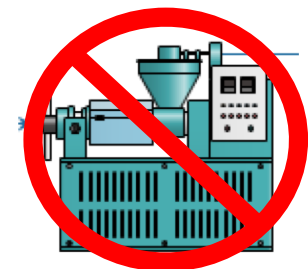


1 Hour

Aggregate



Break



**Future Genecis PHA = 65% cheaper**





**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**