

MITERRO

**Big Data Enabled
Compostable Biomaterials** made from
Agricultural Waste

CEO: Robert Luo

Problems

Microplastic found in newborn babies!



Global Problems



1.3 Billion Tons
Global food waste



78 Million Tons
Global plastic film

Our Solutions

MITERRO

Upcycle different agricultural wastes

Many types of biomass waste

Extraction

Protein

Fiber/starch

Modification

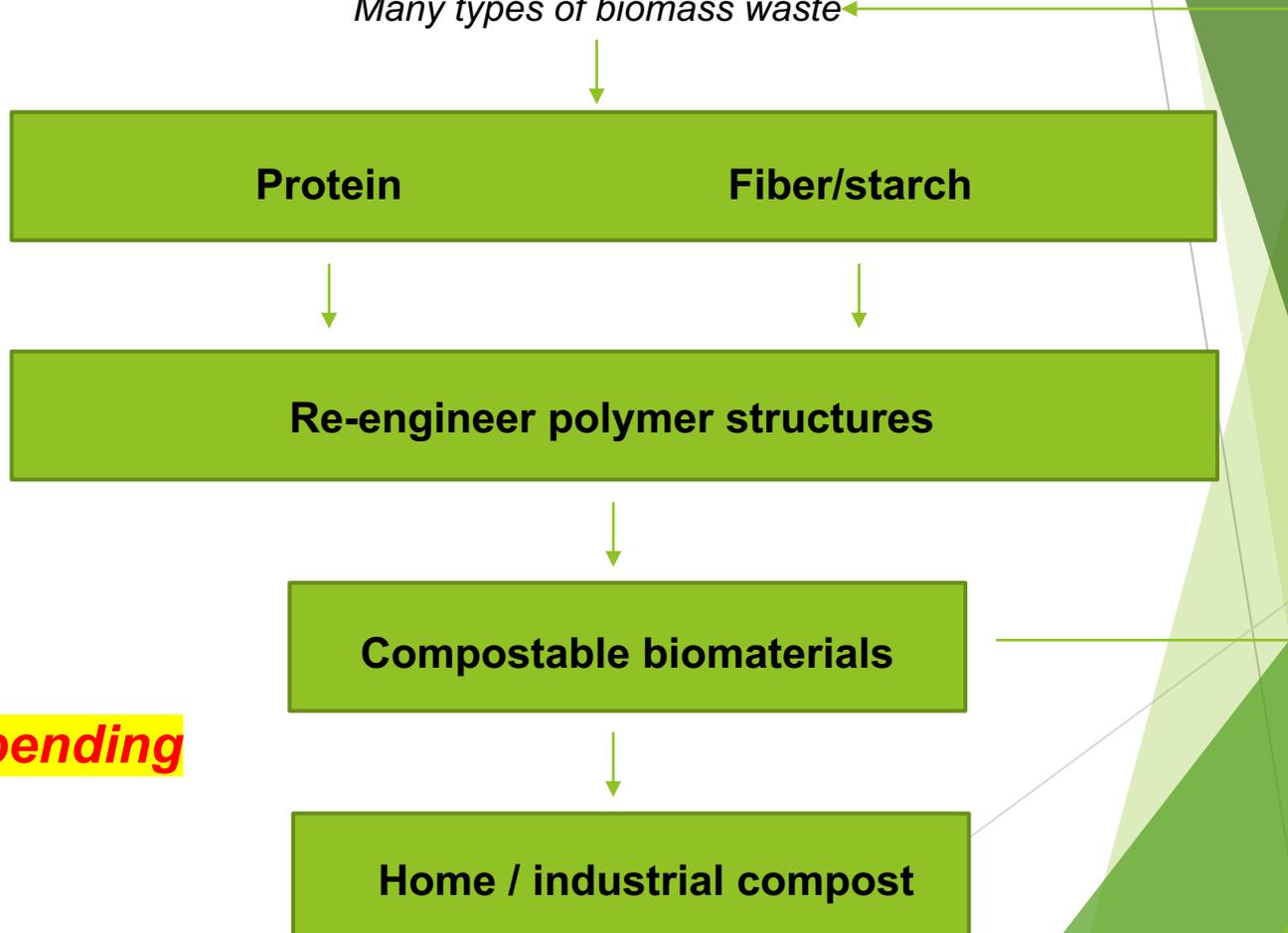
Re-engineer polymer structures

Compostable biomaterials

Home / industrial compost

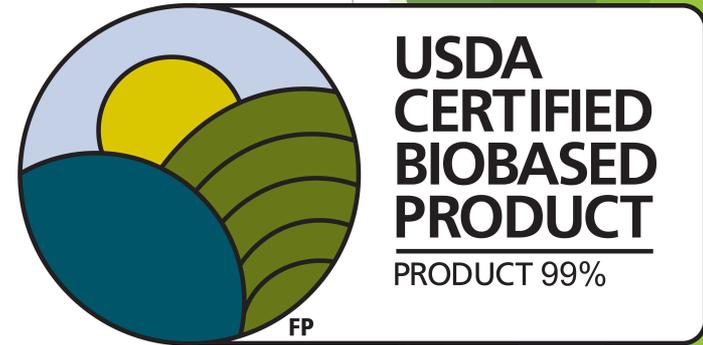
*Feedstock
Fertilizer*

5 patents-pending



Plant Protein Thermoplastic

MITERRO



The world's 1st plant protein thermoplastic made from beer waste

Home & industrial compostable

Can apply to existing infrastructure!

Applications

Flexible:



Product label



Detergent pod



Soda/ grocery bag



Edible sachet

Fiber:



Textile



Apparel

Material Comparison

Material	Total (CO ₂ /ton)	Price (USD/ton)	Energy (MJ)
Mi Terro Pacbeer	5.1	\$2450-3200	122-132
PVA	8.2	\$3200-4000	168

38% Less CO₂

20-30% Cheaper

28-37% Lower Energy

Awards

Winner & Finalist (20+)



Accelerators (10+)



Clients & Partners



Case Study

MI TERRO



MI TERRO[®]



	Mi Terro Pacbeer
Elongation at Break (%)	Satisfied
Tensile Stress (MPa)	Satisfied
Light Transmittance (%)	Satisfied
Compatibility-12 weeks	Satisfied
Thickness (mm)	Satisfied

Team



Co-founder/
CEO

Robert Luo

3 startups, 2 successful exits
GreenBiz 30 Under 30
USC Entrepreneur Hall of Fame



Co-founder/
CSO

Shengfu Chen

Professor of Chemical Engineering and Technology,
Zhejiang University



Head of
Technology

Mike Fan

Master of Chemical Engineering,
Northeast Forestry University



COO

JT Long

Master of Business Administration,
Harvard University



Production
Manager

Aric Song

8 years industrial production experience
100,000+ tons production



Advisor

Daniel Bulteel

Head of Social Media UKEMEA, Sustainability Manager, U.S. & Canada,
TikTok



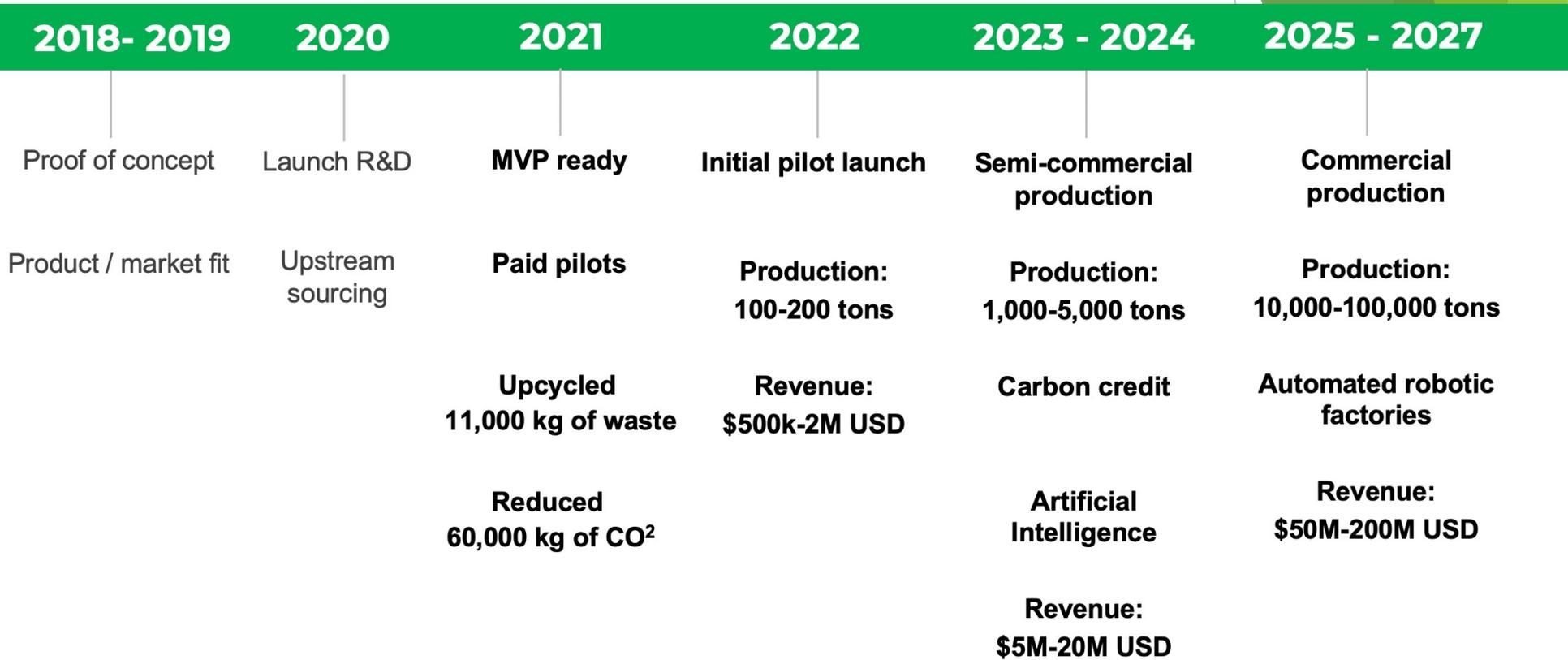
Advisor

Jordan Fengel

Sustainability Manager, U.S. & Canada,
Tetra Pak

Roadmap

MI TERRO



Social Impact

By 2030

- Upcycle 40,000,000 tons of food waste
- Replace 20% of all PVA (10,000,000 tons)
- Replace 15% of all single-use plastic film (10,500,000 tons)
- Reduce 268,940,000 tons of total CO₂ emission



MI TERRO

Drink more beer, reduce more plastic



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