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WHAT SUSTAINABILITY MEANS

**THE BUSINESS OF HOW WE THINK ABOUT OUR
NATURAL RESOURCES**

**WHY AND HOW WE BUILT A SUSTAINABLE
ECO-SYSTEM BUSINESS MODEL CALLED UTOPIA**

THE WHY OF UTOPIA

The issue of sustainability; global bans; companies removing single-use plastics; and initiatives to reduce carbon emissions led to a series of questions that remained at our forefront...

How do we solve this problem without creating another problem?

How do we make a global impact?

How do we keep employees of manufacturers in jobs?

How do we avoid having manufacturers spend large amounts of money modifying their equipment?

How do we reduce carbon?

How do we save marine life?

How do we save the trees?

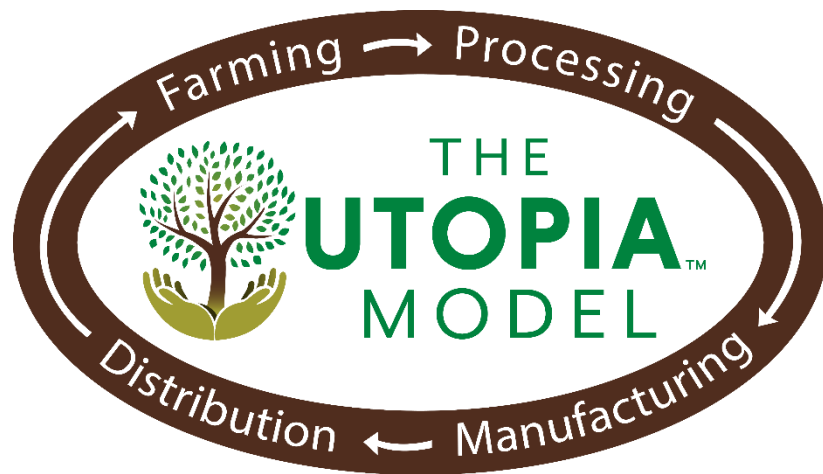
How do we make consumers conscious, but not totally change consumer habits?

How do we use our most valuable resource – land?

How do we help minority and disadvantaged farmers and landowners?

How can we help the economy in local communities?

How do we use my vision of Utopia to create a Sustainable Eco-System?



THE UTOPIA MODEL

- Our supply chain is supported by a sustainable eco-system business model we call The Utopia Model.
- The model includes farming, processing, manufacturing and distribution.
 - EdenGrow oversees our partnership with farmers.
 - Utopia Solutions oversees processing and manufacturing of Utopia Plastix™, a compostable, recyclable, durable, natural-looking, and affordable plant-based plastic alternative.
 - Utopia Brands is the exclusive supplier of Utopia Plastix™ compounded resins. Utopia Brands also works strategically with partners who have an established position in their respective industries.
- Our Utopia Model Companies are committed to true sustainability in support of our environment, society and economy.

EDENGROW, LLC

ROLE IN MODEL: FARMING



ENVIROMENTAL BENEFITS OF CROPS USED TO MAKE UTOPIA PLASTIX:

Crops absorb CO₂ from the atmosphere more than any other crop - about 1.5 tons of CO₂ is needed for a production of 1 ton of dry matter.

Every hectare consumes 30-40 tons of CO₂ for each growing cycle.

During a single growing cycle, each hectare consumes the amount of CO₂ that exhaust from 20 cars in whole year.

No chemical pest control is needed.

Neither toxic nor synthetic products should be applied during growing cycle, hence benefiting the eco-system.

Crops remove toxic elements, such as heavy metals from the soil.

**Industrial products made with Utopia Plastix can be recycled.
(Very important aspects for automotive & construction industries)**

Crops can be applied as soil remediation.



UTOPIA SOLUTIONS

ROLL IN MODEL:

**PROCESSING/
MANUFACTURING OF RESIN**

DECORTICATING

MILLING

BLENDING

PULPING

DRYING

BAGGING

PELLETIZING





**WHY UTOPIA
PLASTIX™?**



Utopia Plastix™ is a game-changer for companies to leverage the benefits of plastic and support the demand for sustainability.



Dependable:
Durable, stands up to heat, moisture and flexible



Universal Resin:
Seamlessly fits into existing manufacturing



Natural-Looking:
Our natural look demonstrates clear, eco-imagery



Affordable:
Competitive pricing with current eco-plastics



Powerful Brand:
Our brand seal conveys best-in-class



UTOPIA PLASTIX RESINS DEGRADABLE 100% RECYCLABLE REUSABLE COMPOSTABLE

**COMPOUNDED FOR
COMMERCIAL DISTRIBUTION
AND USE IN EXISTING
PETROLEUM
MANUFACTURING
EQUIPMENT**

Reported benefits confirmed by manufactures and testing:

- No equipment retooling or modifications necessary
 - Minor profile adjustments
- No chemical smells (many report it smells like making cake)
 - Drop-in replacement
- Lower temperatures with greater yields
 - Enhanced strength properties
 - Lower density
 - Moisture barrier
 - Easy conversion
 - Reduced Waste
- Positive Environmental Impact



Since February 2020 PolyFilms, Inc and Bags, Inc. have used Utopia Plastix. When recently asked what limits of applications he sees with Utopia Plastix, Kevin McGehee replied: "From what [he] has seen, there are none."



**We strive to help
our clients provide durable, affordable
and natural-looking eco-
friendly alternatives.**

**Utopia Brands provides Utopia Plastix™
plant-based resin for use in current
manufacturing applications.**



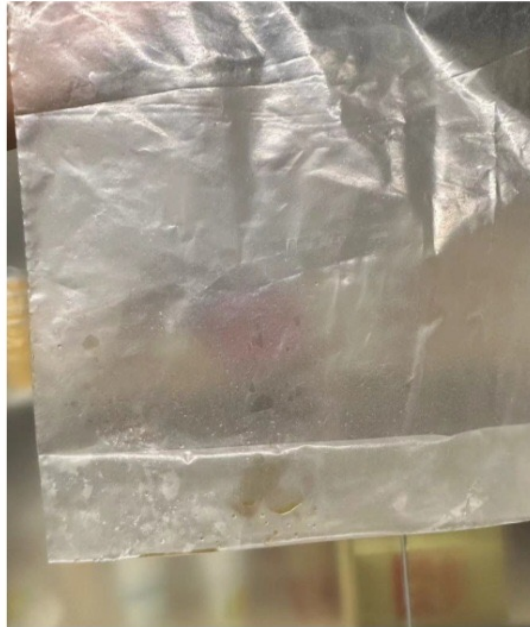
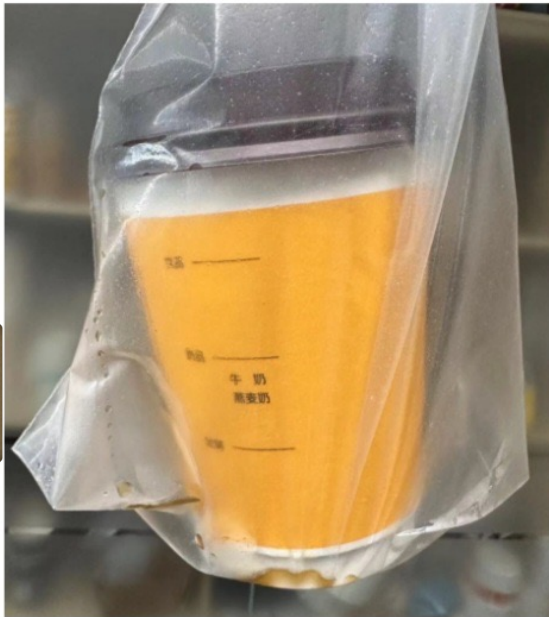


Products made with Utopia Plastix presented by IRIS, USA at the Inspired Home Show, Chicago, IL USA



Agriculture liner made with Utopia Plastix- Farmers experienced more nutrient rich crops, moist soil, no weeds, and no pests. Material had significant degradation between 120-140 days. Farmers tilled it into the soil.

Hot cup test: put hot Americano(93C) in the bag and for 30mins delivery.

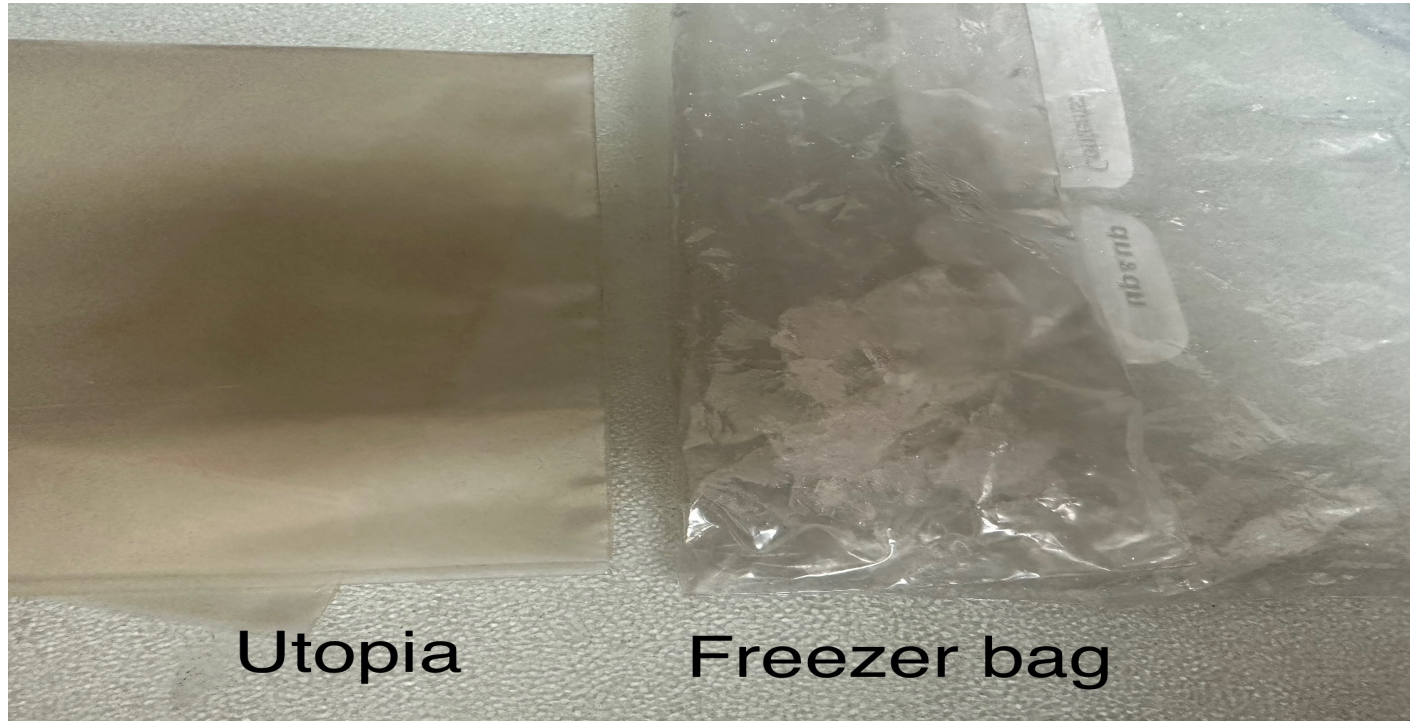


Conclusion: after test, there's no shrink and stretch for
No odor issue found. And touching the surface, there's
leakage.

temperature 48C)



- Conclusion: after test, there's no shrink and stretch found.
No odor issue found. And touching the surface, there's no oil



Utopia

Freezer bag



**Images provided by Senior Engineer with New Jersey Manufacturers Extension Program-
Six-month test conducted with bag made with Utopia Plastix and Ziploc Freezer Bag
Bag made with Utopia Plastix maintained moisture barrier and no presence of crystallization or freezer
burn**

6 Month Freezer Testing

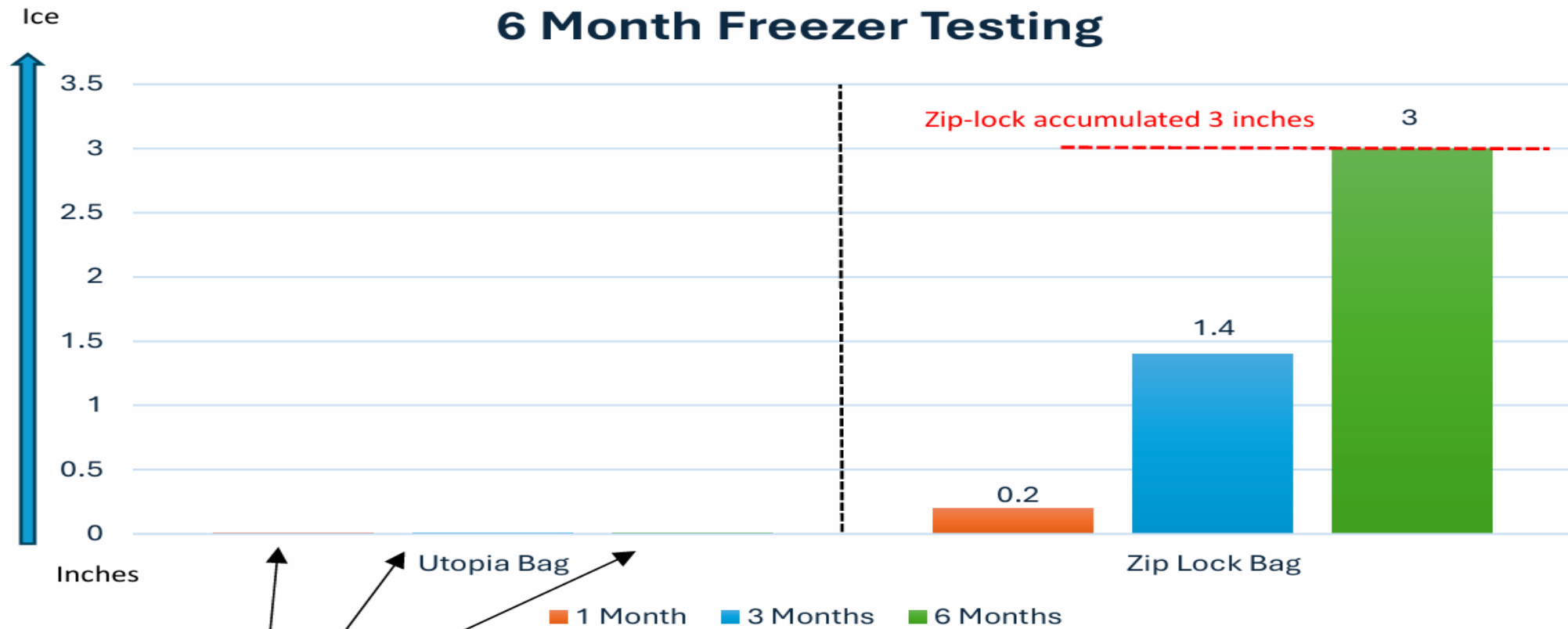
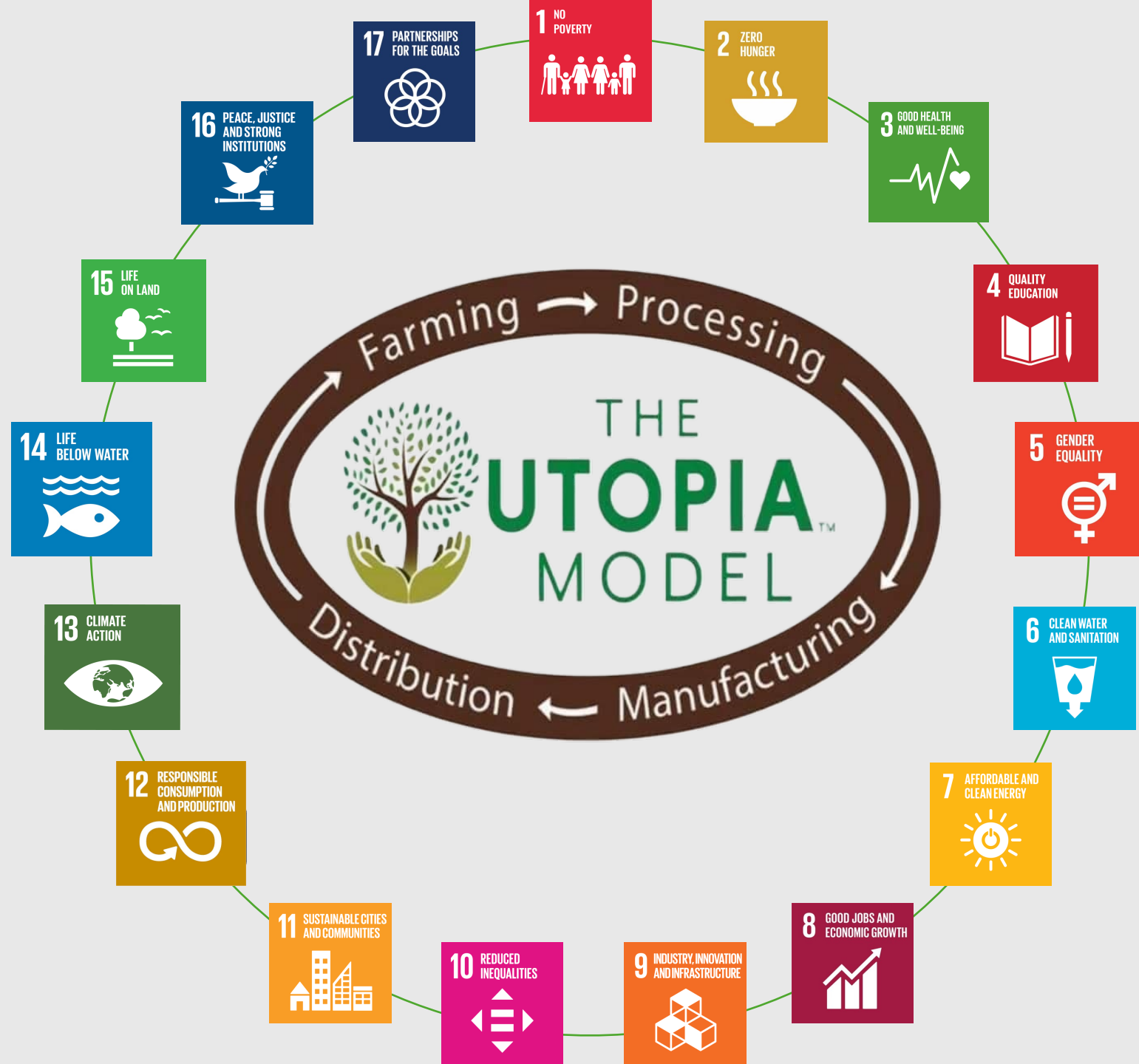


Figure 2. Shows Ice Accumulation Over Test Interval

Utopia was free of
ice formation



Figure 1. Shows a photograph of the bags removed from freezer on October 21, 2023.



In Conversation with Sharina Perry on developing a sustainable ecosystem business model

Thursday 5 December 2024
17:15 – 19:30

UNIVERSITY OF
CAMBRIDGE
Judge Business School



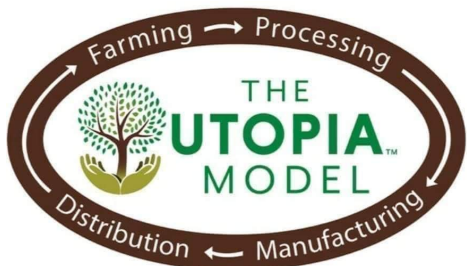
Developing a sustainable ecosystem business model

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JOIN US ON THE JOURNEY TO UTOPIA



SHARINA PERRY

UTOPIA PLASTIX: FOUNDER/INVENTOR

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