

Enabling Chain of Custody via Blockchain

Trust and Transparency

EASTMAN



The PROBLEM

Three simultaneous global crises need solutions



EASTMAN



2030 Commitments - Critical Impact Areas

Mitigating Climate Change

- Reduce our absolute Scope 1 and 2 greenhouse gas emissions by onethird by 2030 to achieve carbon neutrality by 2050
- Increase renewable energy use at Eastman so 100% of our purchased electricity in North America and Europe will be renewable by 2030
- Innovate to provide products that enable energy savings and greenhouse gas reduction down our value chains and at the consumer level

Mainstreaming Circularity

- Recycle more than 500 million pounds of plastic waste annually by 2030 via molecular recycling technologies, with a commitment to recycle 250 million pounds annually by 2025
- Catalyze improvement of the recycling system by continuing to expand capabilities to recycle more complex products and by participating in initiatives and collaborations to drive increased collection

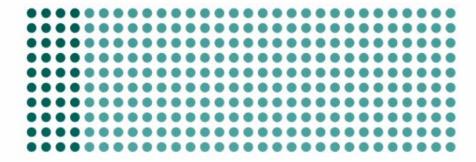
Caring for Society

- Achieve gender parity in alignment with our commitment to Paradigm for Parity™
- Be a leader for racial equity within our industry sector
- Drive new product innovations that advance solutions for society's most pressing needs while ensuring product safety and transparency

Opportunities going to waste

300 million metric tons

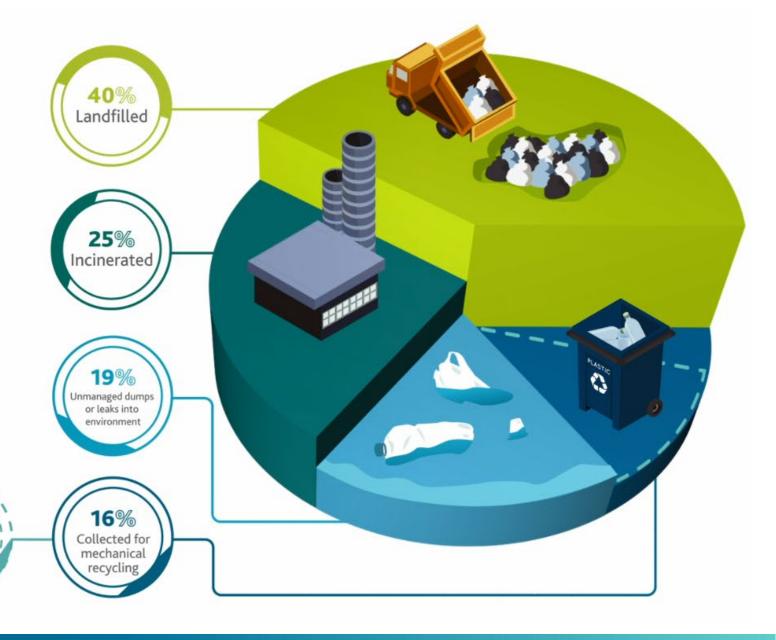
of plastics are produced globally



Actually gets

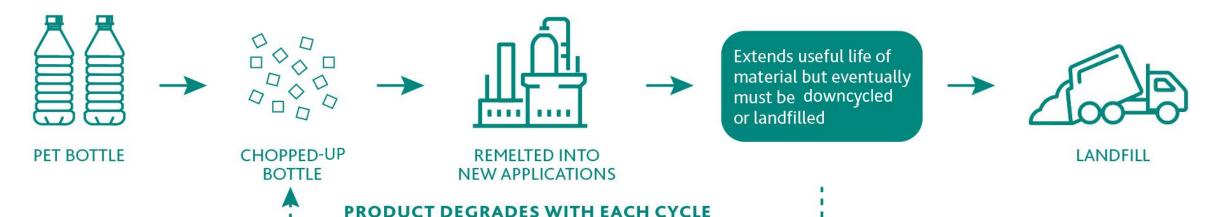
260 million metric tons

of plastics are disposed

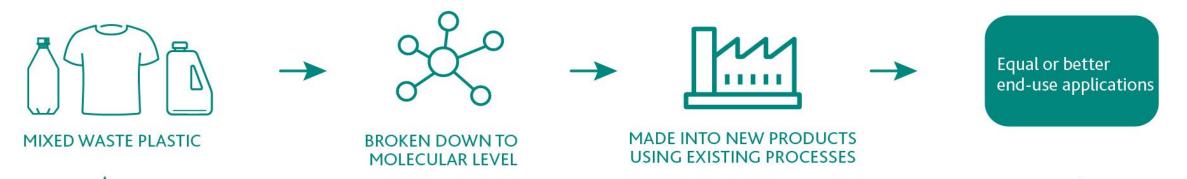


MECHANICAL AND MOLECULAR RECYCLING

MECHANICAL RECYCLING



MOLECULAR RECYCLING



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WHAT WE DOING

WHAT WE KNOW

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Solutions will need to be adaptable and scalable

with ease

pounds of waste annually by 2025

and 500 mildrome pounds by 2030 tes will transform consumer economy Eastman Molecular Recycling Technologies:

carbon renewal & polyester renewal

Digital Traceability solutions:

GreenToken by SAP

Digital Opportunity across the Value Chain



Standardize Digital Tracking and Traceability to Build Trust, Transparency, and Accountability



Offer transparency for product and packaging material to align with commitments and sustainability goals

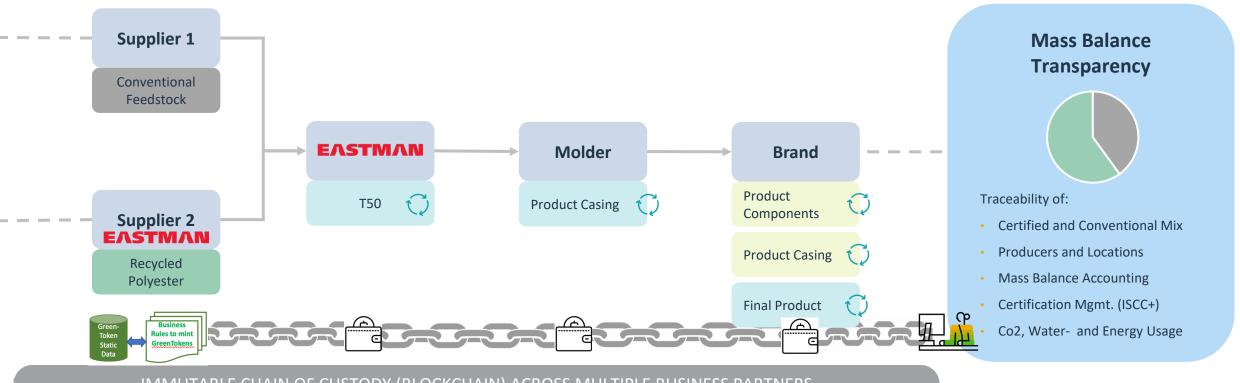


transparency while ensuring confidential data remains private



Provide immutable sourcing
data on Blockchain to support
auditing and marketing

Pilot: Circular Materials with Eastman Supply Chain



IMMUTABLE CHAIN OF CUSTODY (BLOCKCHAIN) ACROSS MULTIPLE BUSINESS PARTNERS



Material = Recycled Polyester

Qty = 1 kg

Origin = Springfield, U.S.A

Co2 Footprint = 0.1

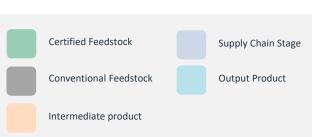
Cert. # = A123XX5678

Producer = Supplier 2

Prod date = 11/08/2022

Unique ID =: X123YY45FF765

Etc.

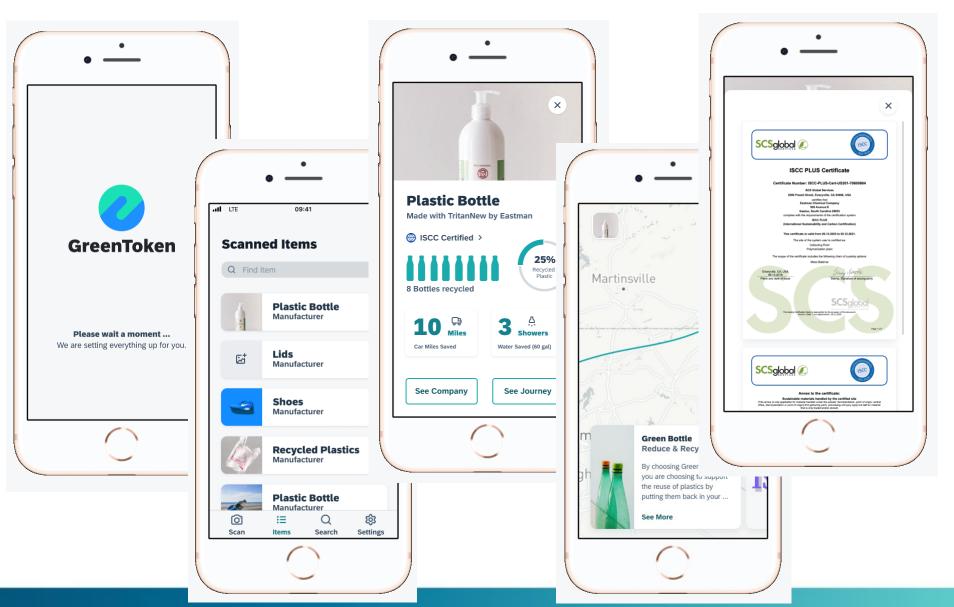




| End Consumer App







Summary: Why Blockchain – Industry Transparency?

Reduce Risk

- Decrease time to traceability from months to seconds
- Assurance of zero noncompliance supply
- Reduce supply chain disruptions with better insight of our materials to stakeholders

Improve Brand Perception

- Increase brand value through trust – customers stating that sustainability and traceability are important to them
- Ability to build personalized experiences while maintaining privacy
- Remain market leader and disruptor

Cut Costs

- Reduce audit complexity and costs
- Reduce time and costs of corrective actions
- Create trust in automated workflows with external stakeholders enabling better speed to market







