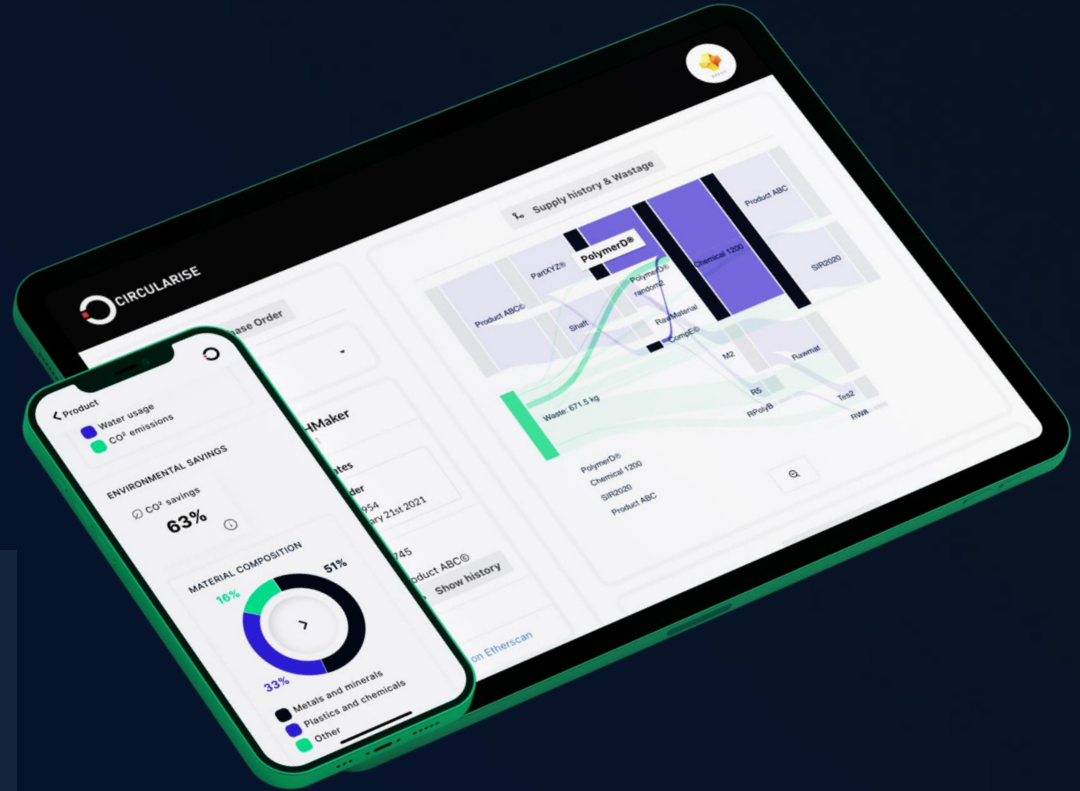




Bringing traceability to global supply chains and empowering businesses to take steps towards a circular economy.

Use a **decentralised public blockchain** as the single source of truth.



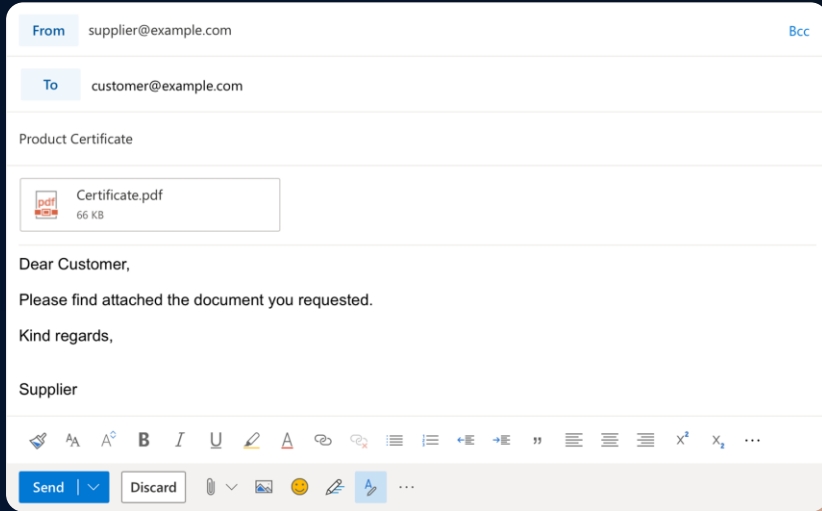
Dr. PHIL BROWN
VP BIZ DEV & STRATEGY

PhD (TU Delft)
focused on:

**Collaborative
Circular Oriented
Innovation**

THE PROBLEM

Traceability today



No efficient solution

- Labour intensive
- Prone to error and/or fraud
- Usually reactive
- Not scalable

The SOLUTION

The Circularise Digital Twin



POLYMER

Covestro

Token ID: 0xe0...AB94

25 KG

Mass Balance

ACCESS VIA SMART QUESTIONING

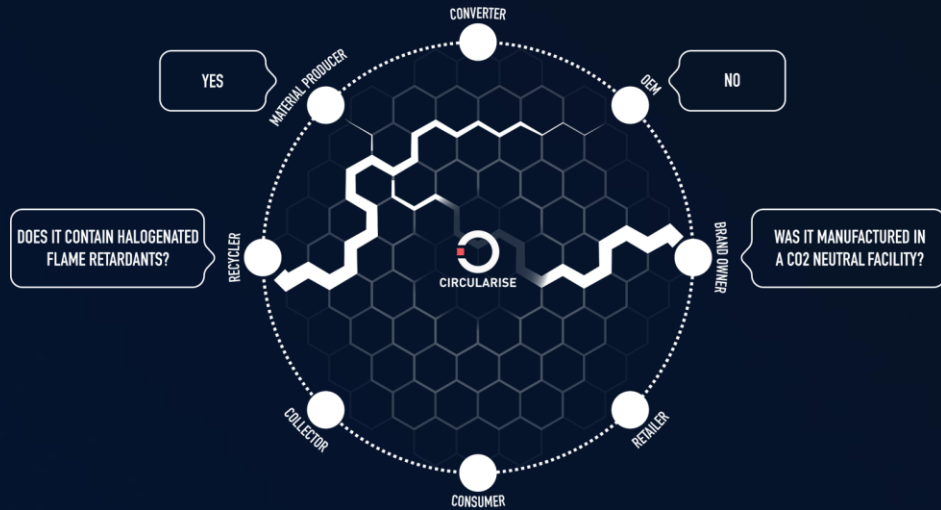
<input type="checkbox"/> Product Name	<input type="checkbox"/> CO ₂ e Emissions
<input type="checkbox"/> Manufacturing Site	<input type="checkbox"/> Water Usage
<input type="checkbox"/> Recycled Content	<input type="checkbox"/> Hazardous Subs..
<input type="checkbox"/> Energy Consumption	<input type="checkbox"/> Certifications

Token history

- 12/10/2021, 18:12
Raw Material DA sent
- 01/10/2021, 15:40
Raw Material DA created, token ID created

END TO END TRANSPARENCY WITHOUT COMPROMISING CONFIDENTIALITY

Sharing Insights on Materials & Products to support Circular Strategies



Smart Questioning

Patent-Pending

Get Answer

Verify Answer

Ingredients	Questions?	Answer	Proof valid?
Bromide	Contains < 15%?	Yes	✓
Copper	Contains < 20%?	No	✓
Cadmium	Contains < 1%?	No	✓
Fluorescent coatings	Contains < 5%?	Yes	✓
Indium tin oxide (ITO)	Contains < 25%?	Yes	✓
Printed Circuit Board	Contains < 71%?	Yes	✓
Mercury	Contains < 33%?	Yes	✓