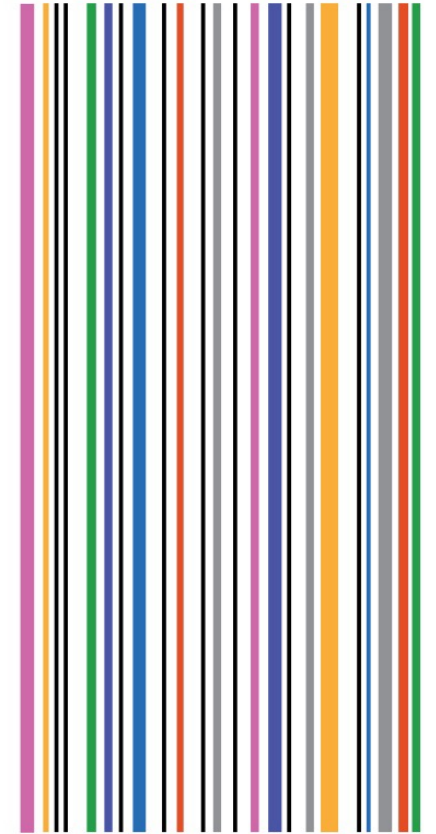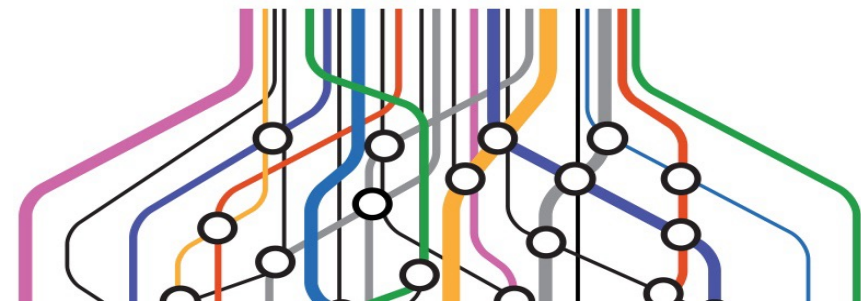# Transparency at Scale
UNECE recommendation 49
UN Transparency Protocol (UNTP)

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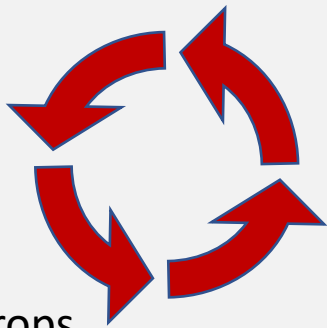# Unsustainable practices must have nowhere to hide.

Transparency, Traceability & Trust can help us win the race to the top. But it's challenging to implement at scale. UNTP aims to solve scalability challenges.

Either : A race to the bottom
Greenwashing is ubiquitous and undetectable

1. It's easy to fake claims

4. Even well-intentioned businesses must fake claims to survive.

2. Consumer confidence drops

3. Low confidence means no price differential

Or : A race to the top
Greenwashing is rare and has nowhere to hide

1. It's hard to fake claims

2. Consumer confidence improves

4. Businesses compete on quality of claims
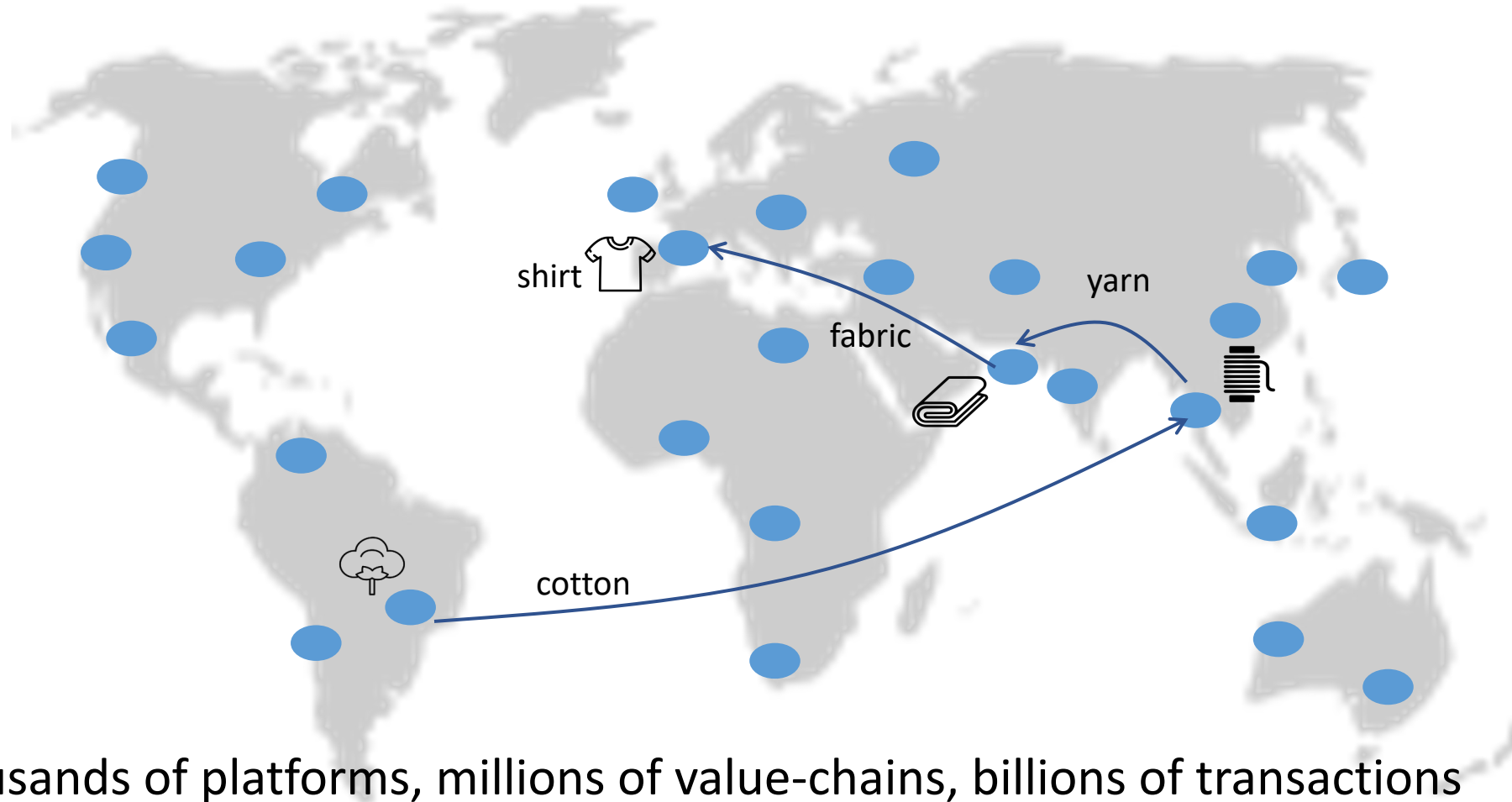
3. Higher prices are justified
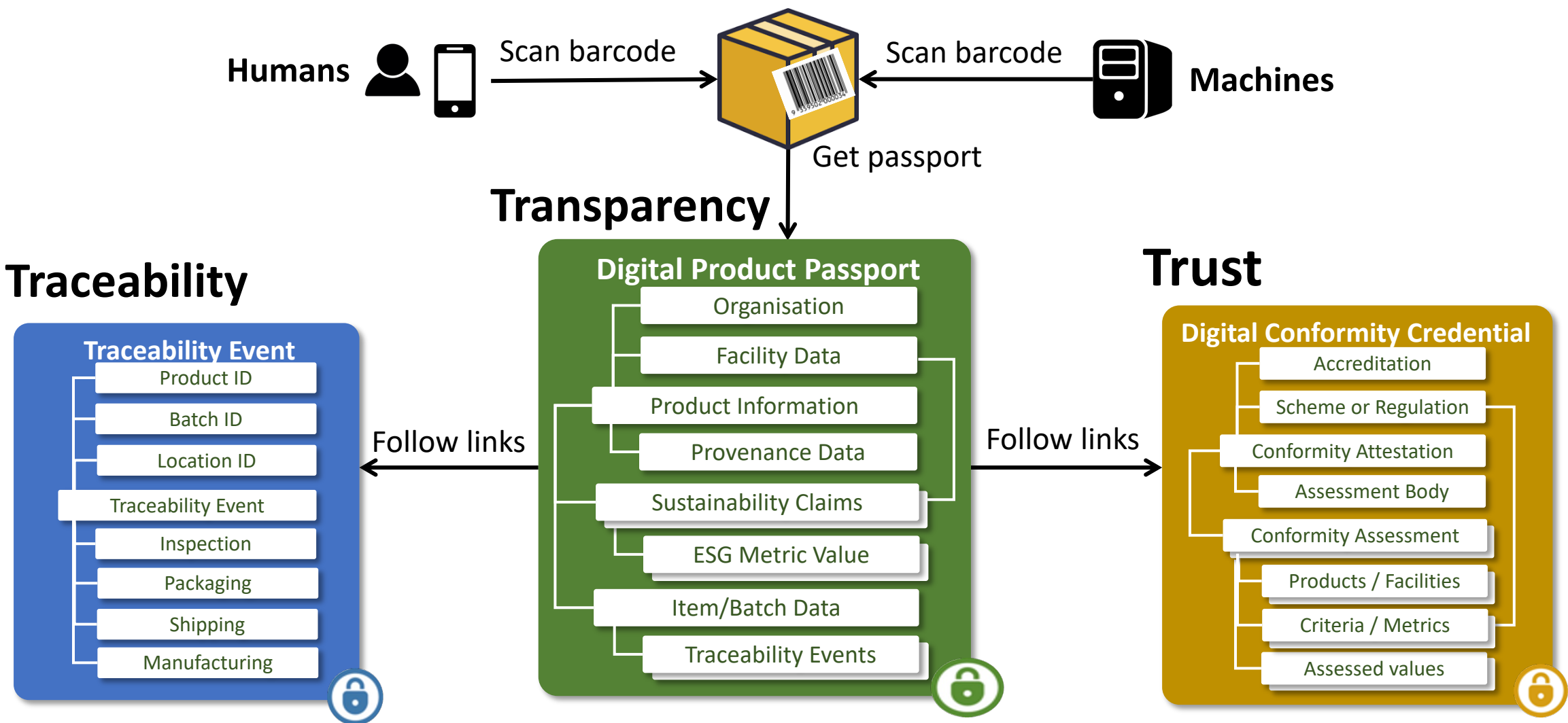
UNTP is an interoperability protocol, not a platform

Leave data where it is but link it together when needed using decentralised events.
Use any software you like – so long as it conforms to UNTP.

shirt

fabric

yarn

cotton

Thousands of platforms, millions of value-chains, billions of transactions

It defines 3 documents and a simple way to share them

If you've got the product ID then you can get the data, readable by humans and machines

Humans — Scan barcode → [box with barcode] ← Scan barcode — **Machines**

Get passport

Transparency

Traceability

Trust

Traceability Event
- Product ID
- Batch ID
- Location ID
- Traceability Event
- Inspection
- Packaging
- Shipping
- Manufacturing

← Follow links

Digital Product Passport
- Organisation
- Facility Data
- Product Information
- Provenance Data
- Sustainability Claims
- ESG Metric Value
- Item/Batch Data
- Traceability Events

Follow links →

Digital Conformity Credential
- Accreditation
- Scheme or Regulation
- Conformity Attestation
- Assessment Body
- Conformity Assessment
- Products / Facilities
- Criteria / Metrics
- Assessed values

Which can scale across entire supply chains.

Each party can implement UNTP without any dependency on other parties.
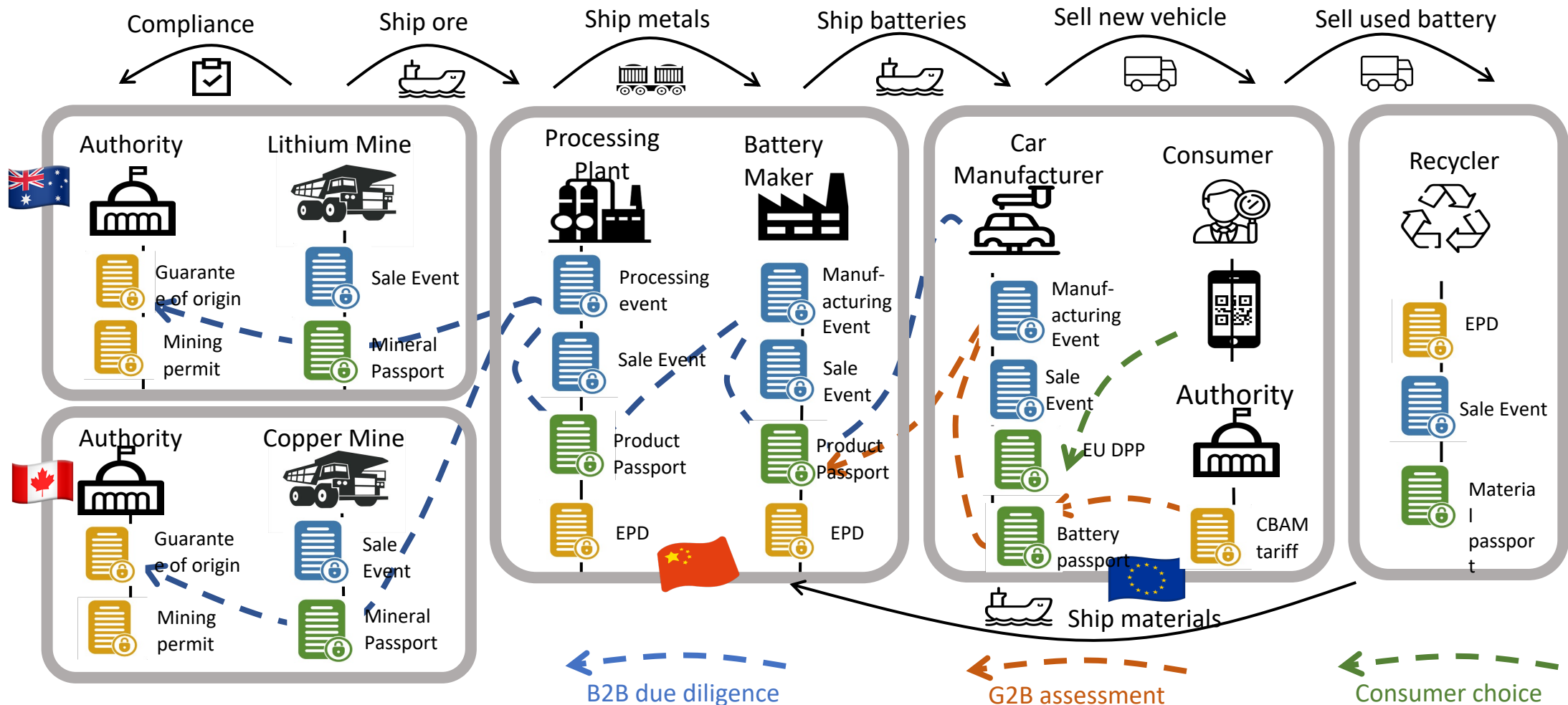
And complements other initiatives.

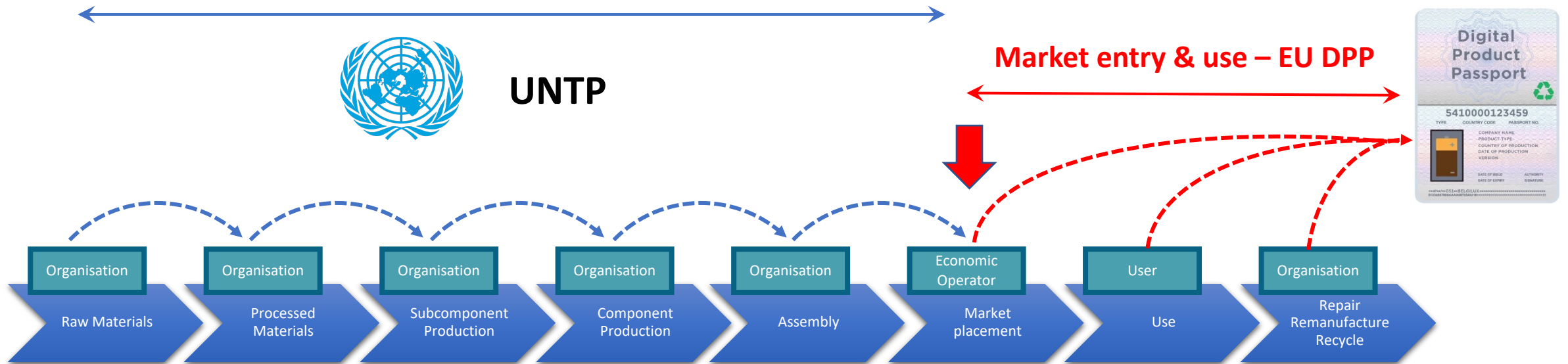**Regulatory passports** : UNTP provides the cross-border upstream data
Industry passports : UNTP provides the interoperable cross-industry core.

Upstream traceability and transparency – UN DPP

UNTP

Market entry & use – EU DPP

Digital Product Passport

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Organisation	Organisation	Organisation	Organisation	Organisation	Economic Operator	User	Organisation
Raw Materials	Processed Materials	Subcomponent Production	Component Production	Assembly	Market placement	Use	Repair Remanufacture Recycle

CIRPASS
Digital Product Passport

Funded by the European Union

We are running pilots to test UNTP. Join us!

June 2023   Dec 2023   Today   July 2024   Dec 2024

UNECE Recommendation 49

Draft Policy	Public Review	Implementation Pledges

UNTP Specification

Discovery v0.1+ PoCs	Alpha V0.5+ Pilots	Beta V1.0 Scaling up	Ongoing Governance Vx.y

Agriculture Pilots – Australia, EU

Red Meat PoC	Red Meat, Horticulture & Grains Pilot	Adoption at scale

Critical Minerals Pilots - Canada, Australia, Democratic Republic of Congo

CA Copper PoC	CA Copper, AU Lithium, DRC Cobalt Pilots	Scale up

Your Industry / Jurisdiction Pilots?

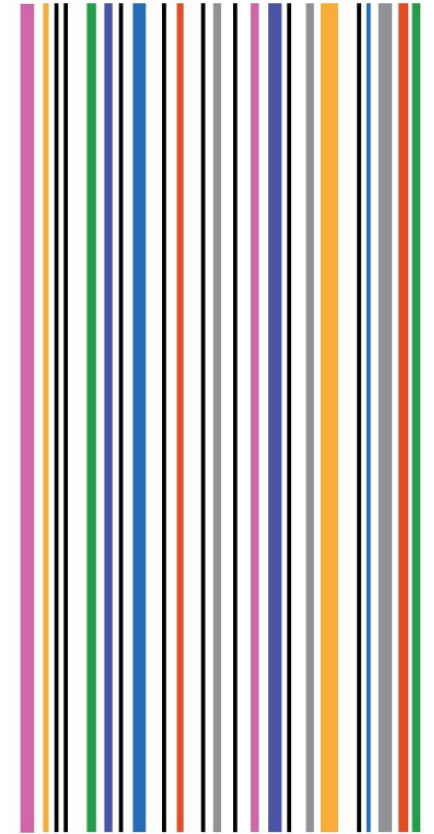| Proof of concept	Low volume pilots	Scale up

Transparency at Scale
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https://uncefact.github.io/spec-untp/