

Blockchain for Business

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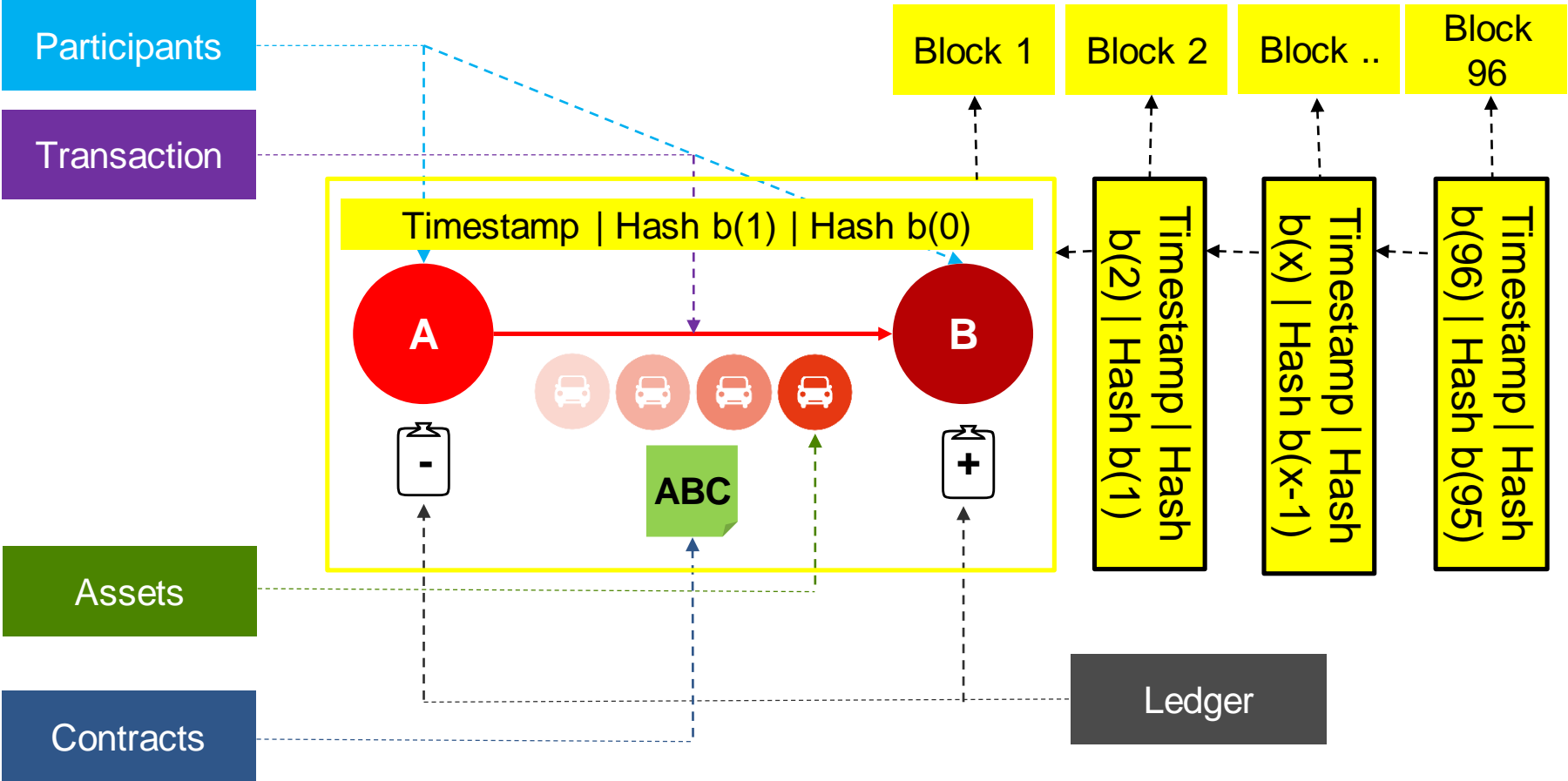
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Agenda:

1. Blockchain on one slide
2. Public Blockchains : NO GO zones for businesses
3. Requirements for Business Blockchain
4. Blockchain Use Cases
5. Palm oil blockchain demo overview

Blockchain on one slide

Consensus | Distribution



Public Blockchains : NO GO zones for businesses

- ❖ Governance fallacies
- ❖ Anonymity
- ❖ Transactional capacity and cost
- ❖ Exploitation of buggy code available in public

Requirements for Business Blockchain

Append-only distributed system of record shared across business network



Shared ledger(s)



Smart contract

Business terms embedded in transaction database & executed with transactions

Ensuring appropriate visibility; transactions are secure, authenticated & verifiable



Privacy



Permission

Transactions are endorsed by relevant participants

Blockchain Use Cases



Financial

Trade Finance
Cross currency payments
Mortgages



Public Sector

Asset Registration
Citizen Identity
Medical records
Medicine supply chain



Retail

Supply chain
Loyalty programs
Information sharing (supplier – retailer)



Insurance

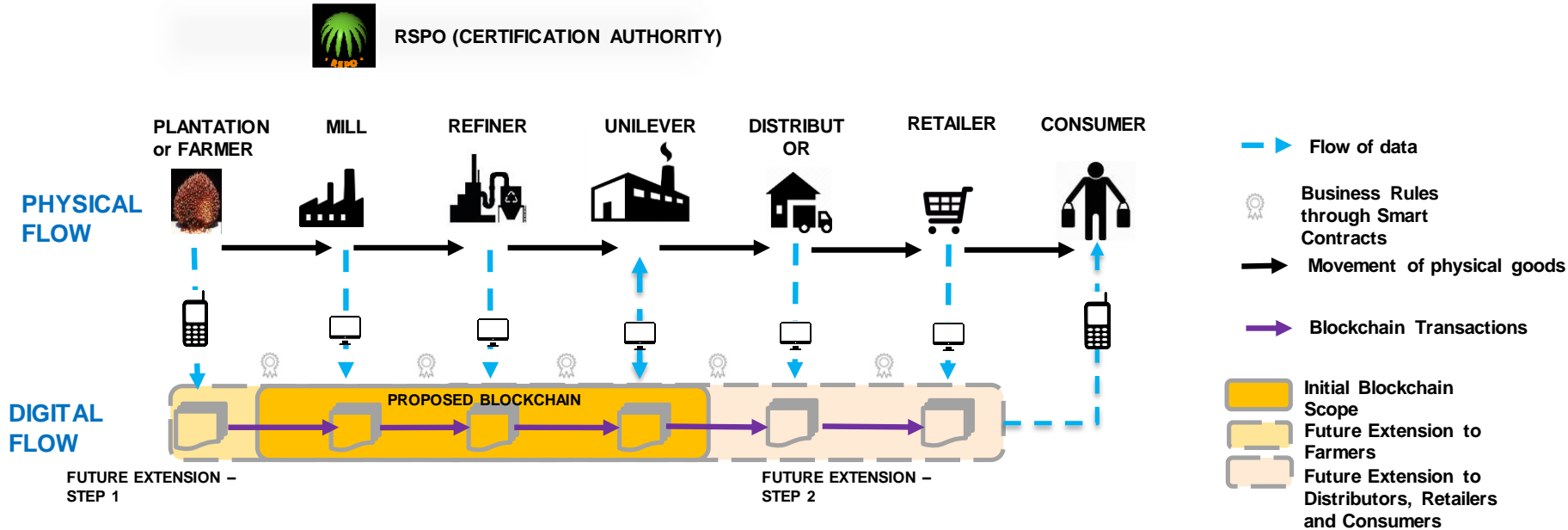
Claims processing
Risk provenance
Asset usage history
Claims file



Manufacturing

Supply chain
Product parts
Maintenance tracking

PALM OIL BLOCKCHAIN DEMO OVERVIEW



TRANSACTIONS on BLOCKCHAIN during DEMO on PALM OIL USE CASE

