CLI: Blockchain and Climate – THE FUNDAMENTALS

Sven Braden, Climate Ledger Initiative
Bonn, November 6th 2017, COP 23

Blockchain Technology – What is it?

- A new kind of decentralized database;
- Data is not stored centralized but distributed over many participating computers;
- In principle, all transactions in the network are transparent for its participants;
- All participants continuously monitor and record transactions and check database records for coherence;
- This process is automatized through a network protocol (clients) – similiar to HTTP.

Blockchain Technology – Hash

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e05d4fa99d66be349d973f0d5526a7284a0c561ca1914e7954975c0b31af9a7d

Nothing is decided until everything is decided

9f62f85d500c8d4682c2aa9f8a00d89658be956b3a680dfd370eb1c9bb94e445

Nothing is decided until everything´s decided

3f9801bc00d0a466b42c006dbbbf312ce38d1cf515a999bb09f9b556feeb5624

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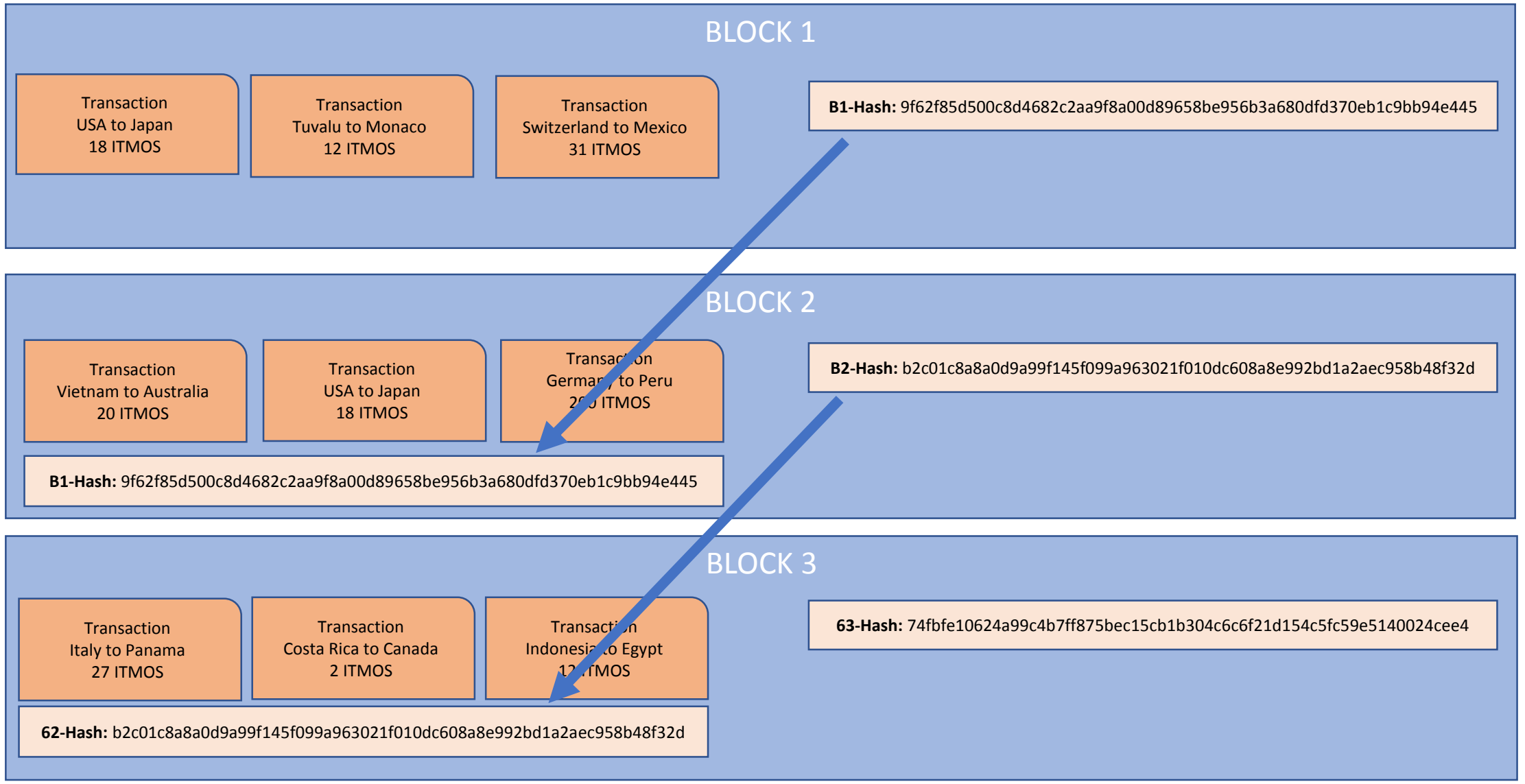

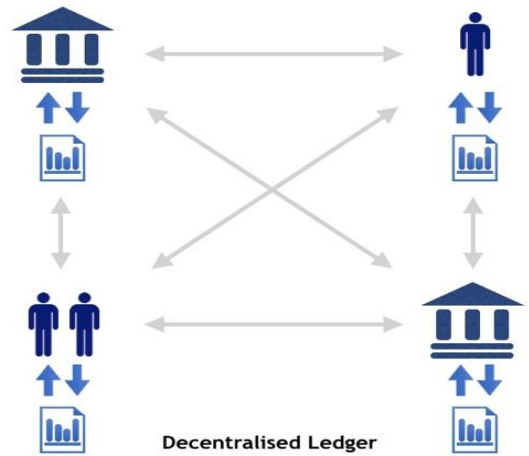
Decentralised Ledger

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Blockchain Hashes do ensure:

- Immutability
- Trust
- Effective decentralisation by providing means to sync distributed data sets
- Data security on a new level

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Thank you.
Vinaka

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