

### Towards the Application of Blockchain Technology for Improving Trade Facilitation in CEFTA 2006

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## What are cryptocurrencies?

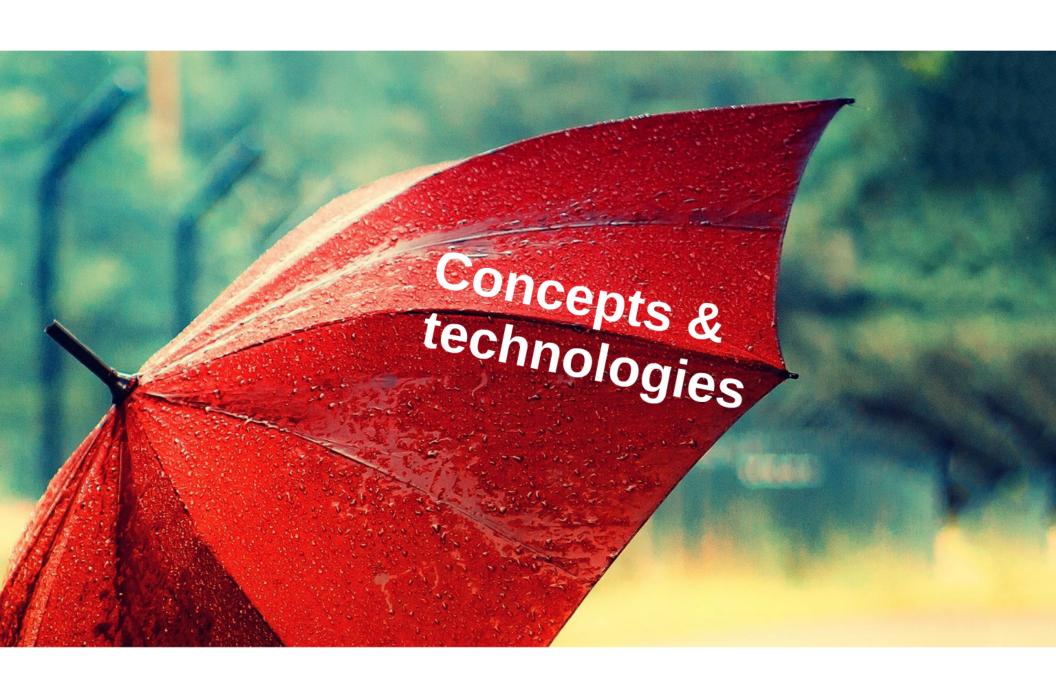
decentralized ledger

cryptographically secured

mining

"Everything you don't understand about **money** combined with everything you don't know about **technology**."





#### What is blockchain technology?

Digital ledger - a very special book for keeping records

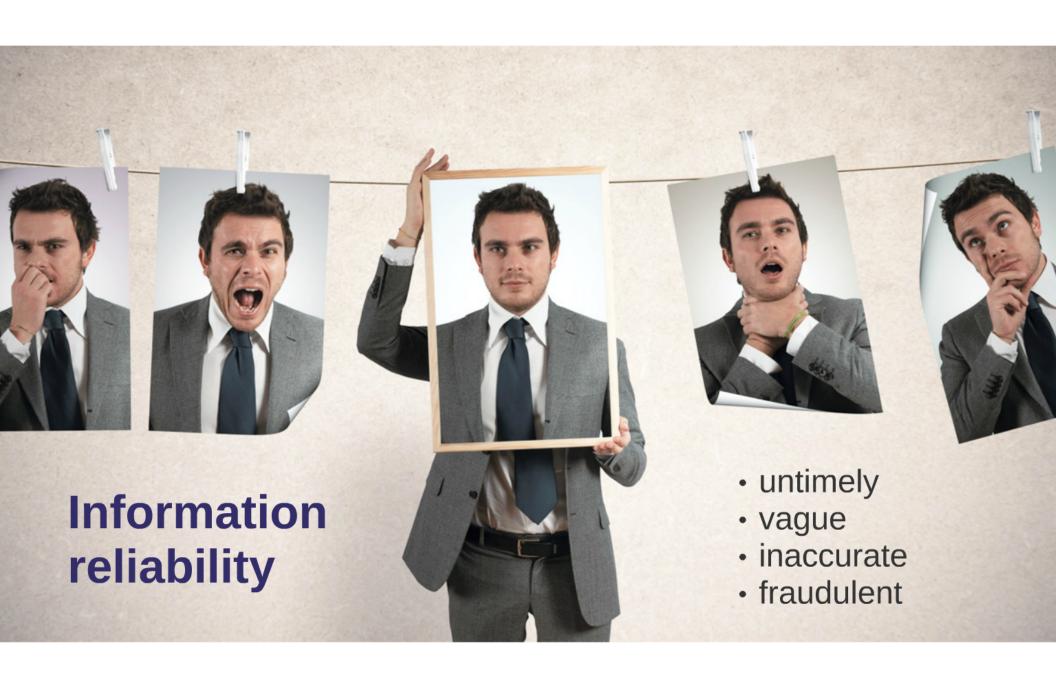


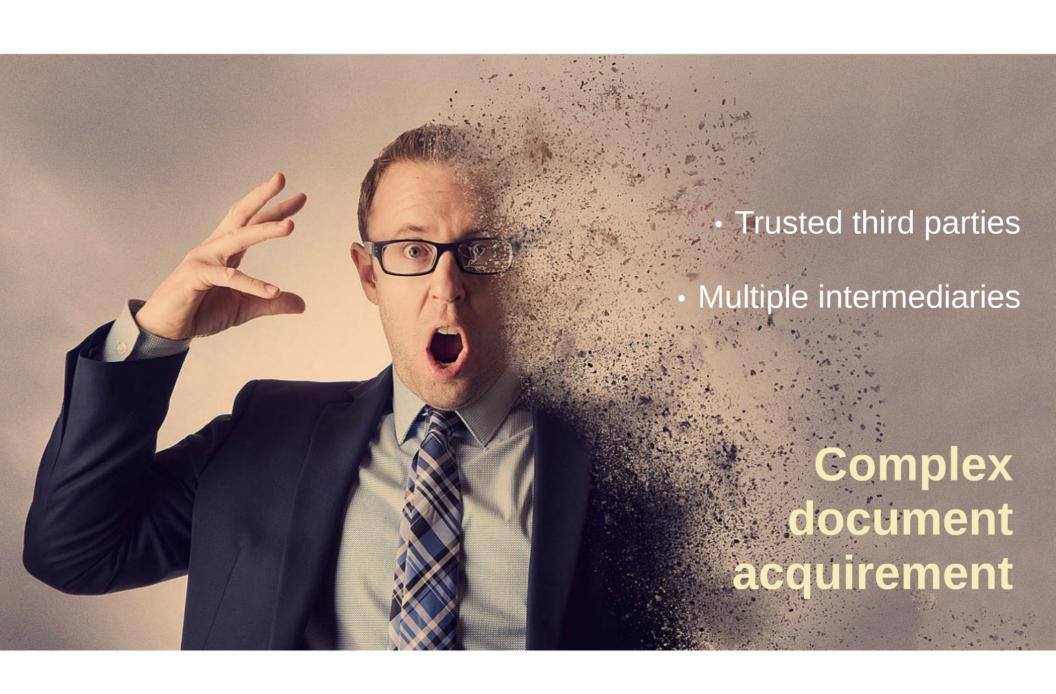


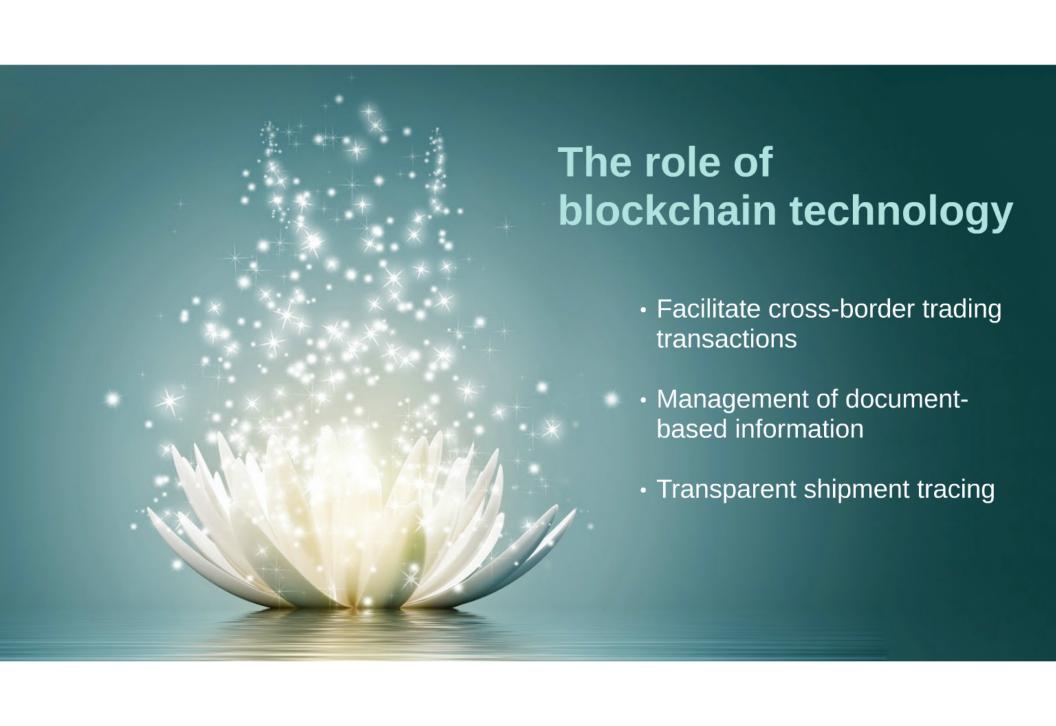




- Non-existence of automated data transfer
- Complicated exchange of documents (computer-paper-computer)







#### The blockchain proposal

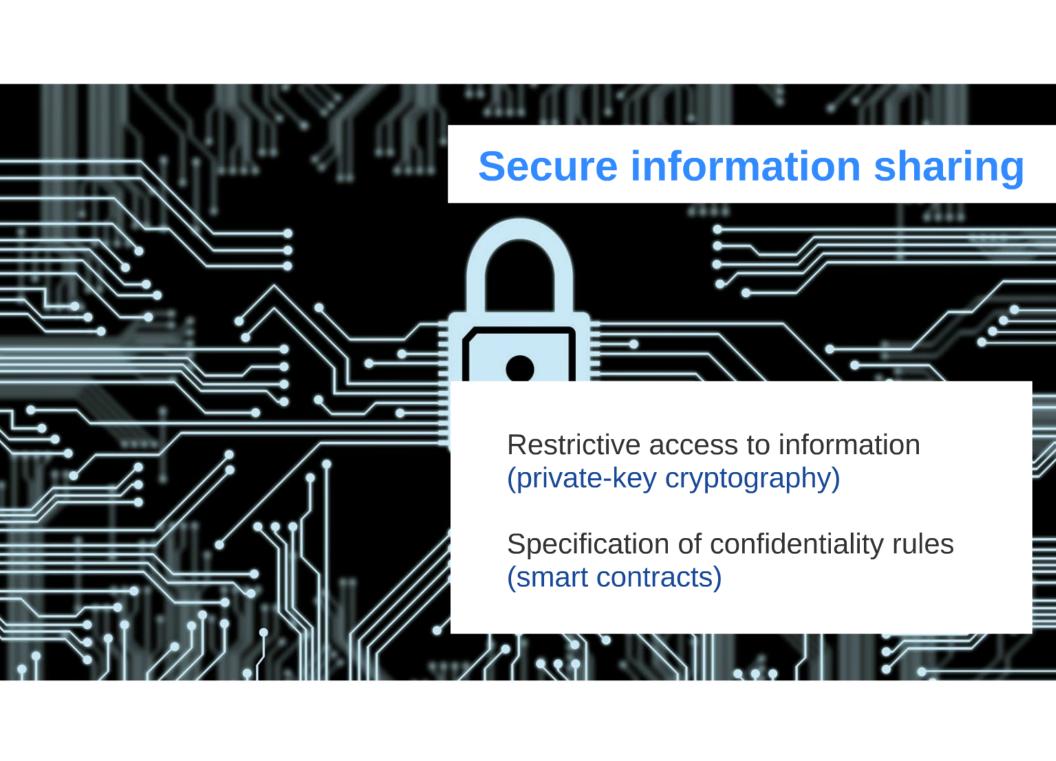
Move customs agencies (and stakeholders) towards a blockchain based integration of collaborative processes

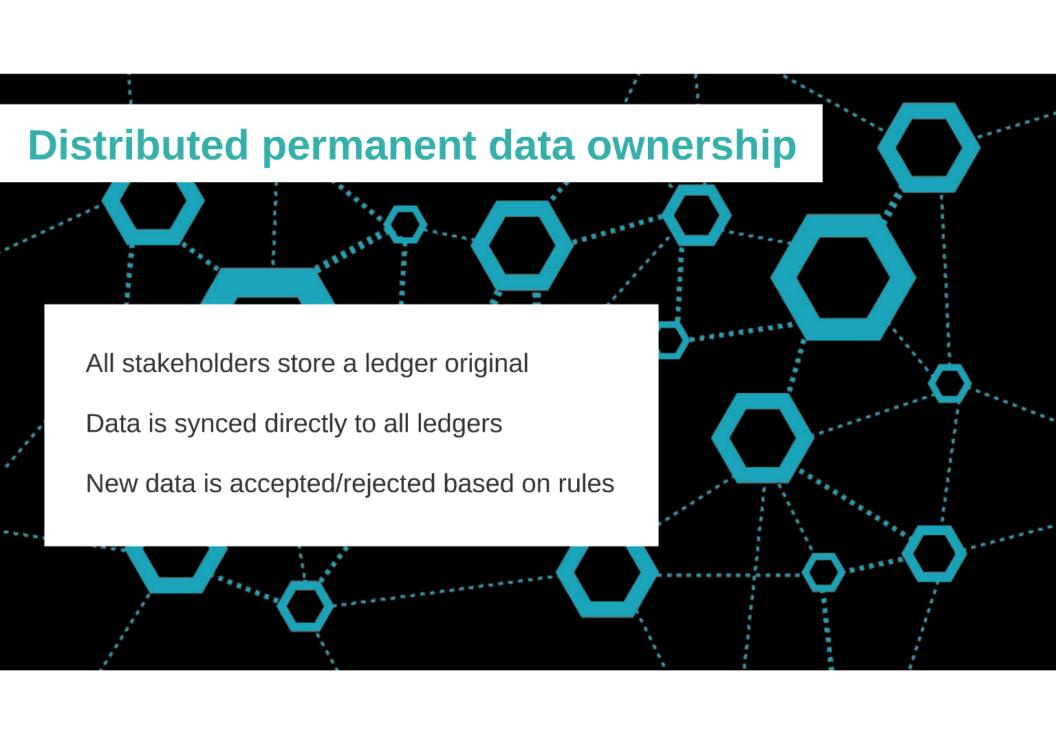
- Electronic original documents
- Secure information sharing
- Distributed permanent data ownership

#### **Electronic originals**

- Unchangeable (hashing)
- Guaranteed without a third party (digital signatures)







# Next step Consider moving trade services to blockchain technology

