

OIX Blockchain, Identity, Trust, and Governance (BITGov) Workshop

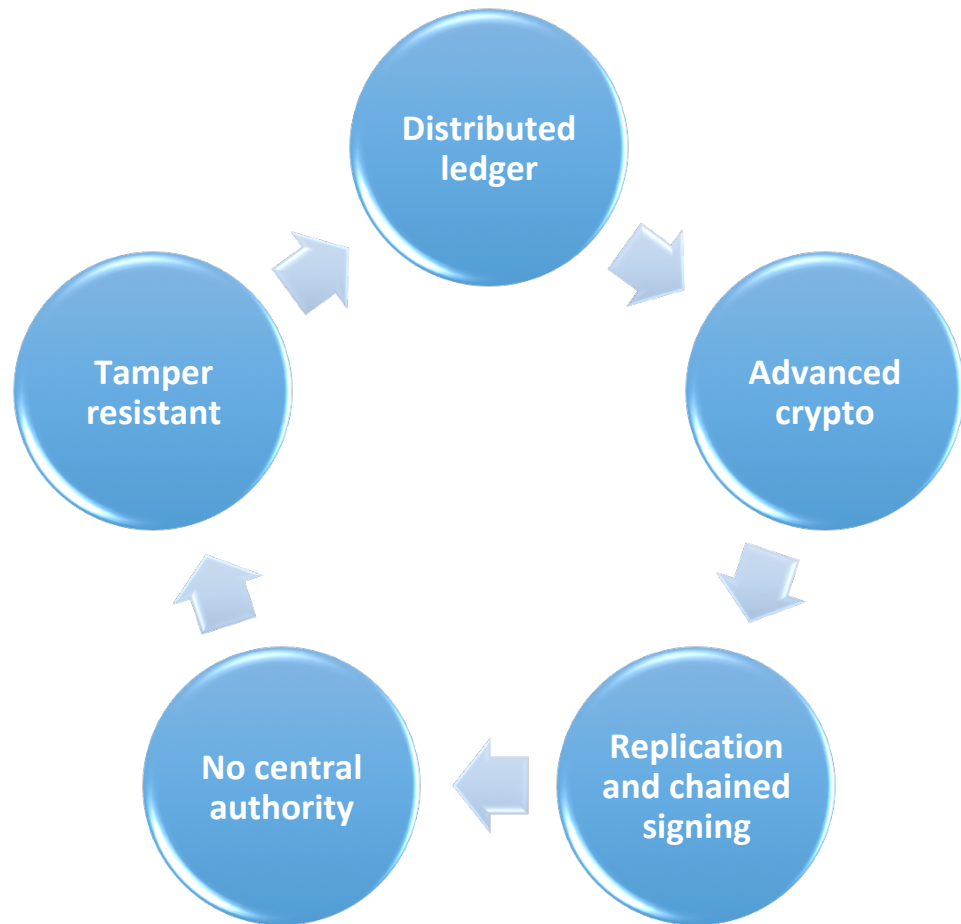
Blockchain and e-commerce law – challenges and opportunities



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The blockchain narrative and legal challenge in a nutshell



- **Technical trust** – in the sense of integrity and authenticity – is built in
- **But where is the legal trust?**
 - Transactions are additively signed by peers
 - But who are they? What are they assuring? What is the value of a transaction or the ledger? And what is your role as a user?

Are there any rules...?



eCommerce Directive

- Nondiscrimination
- Functional equivalence

eIDAS Regulation

- Legal validity of eDocuments
- eSignatures and eSeals

Possibly GDPR and e-money



United Nations
UNCITRAL

Model Law on Electronic Commerce

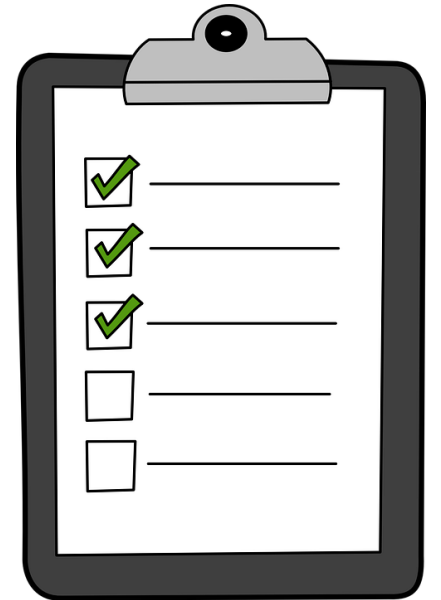
- Nondiscrimination of data messages
- Originality and retention

Model Law on Electronic Signatures

- Equal treatment of signature technologies
- Requirements for signatures

Blockchain in practice – what to look out for?

- Who actually provides signatures / seals?
- What are they committing to by signing?
- Does the use case have specific requirements for:
 - Signatures
 - Retention
 - Communication
 - Privacy and data protection
- **Technological trustworthiness does not automatically translate into legal validity!**



Questions or comments?



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