

LANDSCAPE OF BLOCKCHAIN STANDARDISATION



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Goals of the lanscape on blockchain standardisation

- This is a specific task in BLOCKSTAND aiming to:
 - helping stakeholders to orientate themselves in blockchain standardisation, for example when implementing or selecting solutions
 - as an internal tool for BLOCKSTAND to identify areas where standardisation is needed and to collect feedback from experts
 - in general, a tool to empower the stakeholders, SMEs in particular, within the blockchain standardisation domain
- The starting point are the blockchain related content and actions in the Rolling Plan for ICT Standardisation, Document updated annually by the European Commission in collaboration with the European Multi-Stakeholder Platform (MSP) on ICT Standardisation priorities that provides a bridge between EU policies and ICT standardisation activities. See <https://joinup.ec.europa.eu/collection/rolling-plan-ict-standardisation>
- The project also provides comments to the Rolling Plan development, aiming to improve it based on the direct experience on the field and feedback received

How we do it

- Mapping Standardisation Activities
 - Consider blockchain standardisation activities worldwide
 - Special focus on European initiatives and their impact on the global scale
 - Collect contributions from experts and stakeholders
- Analysis of Activities in the Rolling Plan
 - Examination of standardisation activities present in the Rolling Plan for ICT standardisation
 - Examination of ongoing projects and initiatives outlined in the Rolling Plan
- Evaluation of all activities and update of the database

The first version of the database is available online, please provide feedback:

<https://blockstand.eu/repository-of-blockchain-standards/>



Standards should be a 'win-win' solution for all stakeholders



Enabling competition as an opportunity for operators and end-users

Should set common minimum requirements, establishing the basis for compliance to ensure interoperability and security

Standards support technology neutrality and effectiveness in supporting the objectives of the digital transition, including environmental goals

This is especially true for innovative technologies such as Blockchain and DLT

Compliance will be more and more important

- New regulations such as the Data Act and the revision of the eIDAS Regulation are on the way
- **The final text is not yet available**, however **according to the available information**:
 - the eIDAS Regulation introduces “electronic ledgers” as a qualifiable trust service and the request to publish a reference to standards in relation to the qualified electronic ledger requirements
 - moreover, the new European ID Wallet is based on the Self Sovereign Identity principles and in future it may be based on Blockchain technologies
 - the Data Act requires the development of a harmonised standard for minimum requirements for smart contracts
- participation of SMEs to standardisation is key to ensure standards are fit for



purpose

*Thank you for your kind
attention!*

