

Review of: "How Blockchain Technology Can Address Circularity and Trace Emission in the Energy Sector"

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Potential competing interests: No potential competing interests to declare.

There are some factual errors like statement that blockchain is the technology first used since 1990s in Bitcoin and cryptocurrency transactions or that Hyperledger Fabric 2.0, differently from other blockchains, allows to use smart contracts (e.g. Ethereum has smart contracts as well).

Some important aspects are not mentioned, like digital identity in European region (e.g. by using EBSI), or disadvantages of blockchain like:

- questionable legal validity of smart contracts
- immutability which disables update of smart contracts, i.e. resolving possible bugs
- bloating of blockchain if too much data is recorded

In general, practical application of blockchain is not deeply enough assessed (from technical point of view) including its disadvantages.