

# **Blockchain Technology Solution for Financial Inclusion of African Small Farmers : A Systematic Literature Review**

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## **Abstract**

Integrating Africa's small farmers to the agricultural supply chains is necessary for their economic growth and development. Nonetheless, the lack of access to finance prevents many African farmers from taking part in the supply chain. the agriculture sector has a persistent problem with getting financial from finance institutions. Smallholder farmers have been mostly excluded from the access to financing services. Blockchain has been applied to resolve a variety of issues in numerous sectors. In the agricultural industry, Blockchain is utilized to increase the supply chain's transparency, security, and traceability. the deployment of Blockchain technology, known as distributed and immutable ledger could be utilized to strengthen agriculture finance.

Regarding this, we suggest a systematic literature review to gather all pertinent research on the applications of Blockchain technology for financial inclusion of African small farmers in order to identify current research themes. This research makes a concrete contribution by discussing how blockchain technology might help address the problem of financial exclusion of African small farmers, laying the groundwork for a potential solution that could link these farmers to the global agricultural supply chain.

## **Keywords**

Blockchain, Finance, Agriculture, Supply chain, Literature review

## **Biographie**

**Yassine Elkoraichi** is is a Ph.D. student in the Department of Engineering Sciences at EST Safi, Cadi ayyad university. He received his engineering degree in Industrial Engineering from ESITH Casablanca. His research interests are focused on the applications of blockchain technology in the African agricultural supply chain.