

Governance Framework for an Emerging Trust Ecosystem with a Blockchain-Based Supply Chain

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Abstract : The ever-growing consumer awareness of food provenance in Brazil is driving the creation of a trusted ecosystem around the animal protein supply chain. The traceability and accountability requirements of such an ecosystem demand a blockchain layer to strengthen the weak links in that chain. For that, direct involvement of the companies in the blockchain transactions, including as validator nodes of the network, implies formalizing a partnership with the consortium behind the ecosystem. Yet, their compliance standards usually require that a formal governance structure is in place before they agree with any membership terms. In light of such a strategic role of blockchain governance, the paper discusses a framework for tailoring a governance model for a blockchain-based solution aimed at the meat supply chain and evaluates principles and attributes in terms of their relevance to the development of a robust trust ecosystem.

Keywords : blockchain, governance, trust ecosystem, supply chain, traceability

Conference Title : ICBTB 2022 : International Conference on Blockchain Technology in Business

Conference Location : San Francisco, United States

Conference Dates : November 03-04, 2022