

Review of: "Enhancing Supply Chain Management Risk Mitigation: A House of Risk Methodology Applied to Brick Manufacturing in Aceh Besar Regency"

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Potential competing interests: No potential competing interests to declare.

Manuscript: Enhancing Supply Chain Management Risk Mitigation: A House of Risk Methodology Applied to Brick Manufacturing in Aceh Besar Regency

Comment 1: The introduction is brief and does not fully explain the importance of risk management in supply chain operations. I suggest elaborating on the significance of mitigating risks within the supply chain, particularly in the context of brick manufacturing in Aceh Besar Regency. Providing a more detailed explanation of the challenges faced by the industry and how they translate into risks would enhance the clarity and relevance of your research.

Comment 2: The literature review does not fully capture the recent trends in the topics of supply chain and risk management in brick manufacturing. Broaden the scope of your research to include more recent references. I suggest examining the following articles to gain insights into proactive supply chain management methodologies:

House of risk: a model for proactive supply chain risk management. *Business Process Management Journal*, 15(6), 953-967.

Data-driven modeling for designing a sustainable and efficient vaccine supply chain: A COVID-19 case study.

Transportation Research Part E: Logistics and Transportation Review, 184, 103494.

Blood supply chain risk management using house of risk model. *Walailak Journal of Science and Technology (WJST)*, 16(8), 573-591.

Comment 3: The method section, particularly the Quantitative Phase and Qualitative Phase, lacks concrete details and mathematical models to address risk within the supply chain. Additionally, there is a lack of measures introduced for the Qualitative Phase. Enhancing the method section with a more comprehensive explanation of the quantitative models utilized for risk assessment and mitigation within the supply chain would strengthen the novelty of your work. Consider providing mathematical models and specific measures for both the Quantitative and Qualitative Phases to better elucidate your methodology and demonstrate the rigor of your research approach.

Comment 4: Fig 4 is not organized, with some text overlapping. Consider revising the layout for better readability and clarity.

Comment 5: The language should be improved. Consider revising sentences for clarity, coherence, and conciseness to enhance the overall readability and professionalism of the manuscript.