

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.

This paper is well conceived and written. The House of Risk methodology has been proposed by the authors and has been applied by taking the case of a unit involved in brick manufacturing through a data-driven approach to both risk assessment and risk mitigation strategies. The research assumes significance in view of its potential to offer actionable insights for companies operating in the brick manufacturing sector, thereby enhancing their overall risk management effectiveness in SCM. The study empathizes with the process of implementing effective risk mitigation strategies in the realm of brick manufacturing. The House of Risk methodology proposed by the authors offers a systematic approach to address key challenges in the supply chain management of the brick industry. The outcome of the research is to provide a framework for a continuous monitoring and evaluation system throughout the supply chain. Given that this is related to the construction sector and there are many brick manufacturing units around the world, the contribution through this piece of research is quite significant, and the efforts and the outcome of the efforts are praiseworthy. The authors have systematically documented the proposed House of Risk concepts very well. However, the process of identifying related research and citing these works requires a little more effort by the authors. Given that this is an area that is well researched, the number of citations could have been greater.

In summary, the research article is well conceived and well documented. It adds value to the body of research in construction management and especially to supply chain risk management frameworks through the uniquely positioned House of Risk methodology and framework, and it provides the process for estimating aggregate risk potential values and can guide brick manufacturing units in their endeavours for risk mitigation in the process of brick production. This paper is worth publishing and wider dissemination among supply chain professionals and construction management researchers.