

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

Lucky Setiawan

Potential competing interests: No potential competing interests to declare.

This research aims to improve supply chain management by considering the risk factors of each supply chain flow in the brick manufacturing industry.

Literature review stage

In the literature review, it discusses the construction industry (services), while the discussion in this research discusses the manufacturing industry, so the comparison is not apples to apples because the core objects of the two industries are very different. Inventory In manufacturing, inventory of raw materials and finished products can be managed. However, in services, there is no inventory because services are consumed as they are produced. Customer involvement In services, customers are directly involved in the production process, while in manufacturing, customers only receive finished products. Primary resources The primary resources in manufacturing are raw materials, equipment, and machines. Meanwhile, in services, the main resource is human resources (labor).

Results and Discussion (Risk Identification)

The results and discussion can be seen in Table 1, "Mapping of Supply Chain Activities." Mapping supply chain activities using the SCOR model and categorizing them into 5 core processes (plan, source, make, deliver, return), the next step is to identify potential risks that may occur (Table 2, "Identified Risk Events and Risk Agents).

It is necessary to match between Tables 1 and 2 to clarify further the flow of this research, so that we can draw conclusions about which risky problems in brick factories fall into which SCOR category.

Results and Discussion (Hor Phase 1)

This stage (HOR phase 1) is an important data processing stage that needs to be shown in this research, as shown in references:

A, B, Maria Ulfah, Mohammad Syamsul Maarif, Sukardi Sukardi & Sapta Raharja (2016) "Analysis and Improvement of Supply Chain Risk Management for Refined Sugar Using the House of Risk Approach," Journal of Agricultural and Industrial Technology, 26(1), <https://journal.ipb.ac.id/index.php/jurnaltin/article/view/13129> https://www.researchgate.net/publication/334537654_The_Identification_of_Material_Management_Risk_Factors_Affecting_The_Time_Performance_in_Fly_Over_Project_Construction

Results and Discussion (Hor Phase 2)

Likewise, at this stage (HOR phase 2), it is still unclear where the processing is obtained.