Abstract

Packaging System for locally produced food

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Purpose of this conference paper is to explore the potential of the concurrent development of packaging for locally produced food and in order to improve logistics and supply chain performance. A conceptual model to widen and enhance the exploration and understanding of supply chain and packaging for locally produce food industry was designed. Lessons from implementation on a practical level is been presented. In the exploration process the design model provide technical aspects of packaging performance, and the social aspects of interacting supply chain actors are covered. Case studies from food industries will be presented and an exploration of concurrent packaging development in complex adaptive systems is covered.

The results show how small changes in the packaging system could lead to greater efficiency in the Food Supply Chain. The model highlights packaging systems and how they perform to create an efficient Food Supply Chain.

The research aims to contribute greater understanding of the interactive role of packaging systems among Supply Chain members. Empirically, the paper focuses on the downstream Supply Chain. The paper is taking a holistic view on packaging system and its interactions in the Supply Chain, the study can assist the suppliers of packaging by providing a conceptual instrument in packaging and product development processes.

The paper contributes with practical help in understanding the performances of the packaging system, suggestions for improvements, interactive role of packaging systems among the actors in the food supply chain. Furthermore, the paper provides valuable empirical exploration of concurrent packaging development and a concept which serves as a theoretical base for future research.