

## ABSTRACT

Indonesia Coffee Industry has a strategic role and potential in evolving people welfare as well as Indonesia economic growth. However, industrial world's trend is transformed a lot, one of the trends is implementation smart industry concept: the industrial digital based concept which relevant with technology era today. Smart industry offers various advantages, moreover the industries which are not implement the concept they will have no capability to compete with others. When the company going to implement smart industry, they must have the systematic Information System and Information Technology (SI/TI) strategic planning to ensure there SI/TI infestation will achieve the company target correctly. One of Indonesia coffee industries which still not implement smart industry concept is Koperasi Produsen Kopi Margamulya. This research aims to design a systematic SI/TI strategy in order to realize the appropriate smart industry. The use of analytical and design method in this research is Ward & Peppard that consist of 2 phases: input and output. Input phase consist of Business internal analysis, business external, SI/TI internal, and SI/TI external. In output phase consist of SI/TI management strategic planning, IS strategy, and IT strategy. The output of this research is a blueprint of SI/TI design of Koperasi Produsen Kopi Margamulya which is includes business, IS, IT and management IS/IT strategy. Hopefully the IS/IT design will ease to realize smart industry concept that aligned with the Koperasi Produsen Kopi Margamulya vision and mission, moreover to be the reference of smart industry implementation in Indonesia coffee industry.

**Keywords:** *SI/TI Strategic Planning, Coffee Indsutry, Smart Industry, Ward & Peppard*