VALUE CHAIN ANALYSIS FOR REDESIGNING SUPPLY CHAIN IN COFFEE SUPPLY CHAIN

Student Name: Rahaditya Dimas Prihadianto
NRP: 2510100061
Supervisor Lecturer: Iwan Vanany, S.T.,M.T.,PhD

ABSTRACT

Agricultural sector still provide sufficiently big for gross domestic bruto in Indonesia. In fact, data shows that post-harvest waste happened in Agricultural Supply Chain affect 20-60% from total production. Therefore, redesigning the supply chain is needed to fix waste happened in certain sector on agricultural supply chain. Coffee Plantation subsector is interesting to be elaborated because of export number raising. Nevertheless, the raising of export number is doesn’t followed by the raising number of production that can be hypothesized caused post harvest waste. This study try to elaborate the waste using Value Chain Analysis Method with combination of critical performance indicator. Value Chain Analysis will maps the Current State Value Stream Mapping (CSM) and trace the waste and then eliminate it. It is continued by mapping of Future State Value Stream Mapping (FSM). Analyzing supply chain is using Benefit Cost Ratio in order to know how much benefit will be get than the cost will be taken out to do the recomendation of fixing the supply chain.

Keywords: Food Supply chain Management(FSCM), Value Chain Analysis, Value Stream Mapping, Performance Indicator, Benefit Cost Ratio