

ABSTRACT

A green supply chain performance measurement system is needed to manage the environmental risks that are often being the major issues of industry. Demands from the government to implement the green supply chain system will certainly be a boost to major industries in Indonesia. So also for PT. Elco Indonesia Sejahtera, PT. Elco Indonesia Sejahtera is an industry engaged in the leather tannery located in Garut, West Java. This company has engineer-to-order production system, production process is done if there is order from customer. In addition, the current requirement to fulfill export requirements is the need to apply Green's perspective to the company. However, the leather tanning industry in this research did not have an environmentally friendly standardization yet . To realize an industry that applies green perspective in the industry, of course PT. Elco Indonesia Sejahtera requires a model of its own company performance measurement system design. In addition, the problems that often occur in the process of sales and distribution in the company of PT. Elco Indonesia Sejahtera is a recording that is often undocumented and not computerized. Therefore, this research aims to assist companies in implementing green sales and distribution system by developing green sales and distribution system with ERP-based SCOR model.

This research was conducted by designing Green Sales and Distribution system using Green SCOR model. This research begins with a preliminary stage by identifying the problems encountered. It then collected some data such as business process, stakeholder identification, green stakeholder stakeholder analysis, green objectives identification, and KPI related to green sales and distribution. Furthermore, data processing is done by weighting KPI to know the importance of each KPI according to the company. And the next step is to design a system of green sales and distribution based on ERP.

The result of this research is the existence of ERP system of Sales and Distribution module at Odoo which has been adjusted to business process or company activity using SCOR model to produce KPI as input to application. This system can facilitate the company in monitoring the activities of the company and overcome the problems associated with sales and distribution activities in PT. Elco Indonesia Sejahtera.

Keywords: ERP, Sales and Distribution, Odoo, AHP