

ABSTRACT
DEVELOPMENT MODULE WAREHOUSE OF GREEN ERP SYSTEM
BASED ON ODOO IN LEATHER TANNING INDUSTRY
USING ASAP METHOD
(CASE STUDY: PT.ELCO)

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PT. Endies Leather Company (ELCO) is one of the companies in the leather tanning industry with leather finish products. Activities carried out in the leather industry are related to chemicals and produce waste that is harmful to the environment. This activity must be managed so that it does not adversely affect the environment, namely by implementing an Enterprise Resource Planning (ERP) system with the concept of Green Supply Chain Management (SCM) in a company based. One part of SCM is warehouse management that manages the storage, inventory, and movement of goods. But this company is still done manually and not all parts use the system. This causes several problems, namely data that is not realtime and there is no system integration to manage business processes. This system is carried out with the concept of Green Warehouse based on open-source Odoo. The purpose of this concept is to design an information system to monitor the activities and management of goods in the PT. ELCO warehouse by paying attention to environmentally friendly aspects. The application of the green warehouse system is carried out using the ASAP (Accelerated System Applications and Products) method, starting from the project preparation stage, then the business blueprint, realization, and final preparation without going live. The results of this study are the developing configuration and customization of a green warehouse system that is integrated with green production and green sales management system using the Odoo open-source application.

Keywords: Enterprise Resource Planning (ERP), Green Warehouse, Odoo, ASAP (Accelerated System Applications and Products)