

ABSTRACT

PT. Albasia Nusa Karya Garut Regency is a new company in Indonesia that focuses on wood business, especially in the manufacture and export of barecore. Barecore is a piece of albasia or sengon wood cut into pieces into strips(corpus) of the same size and glued to each other to form a sheets such as plywood. As an international export company, PT. Albasia Nusa Karya Garut Regency has not implemented adequate information technology such as the lack of system integration between functions and document management.

Based on the problems, PT. Albasia Nusa Karya Garut Regency requires the design of Enterprise Architecture that can resolve these problems.

In the design of Enterprise Architecture will using TOGAF ADM framework. In this research will design Preliminary Phase, Architecture vision, Business Architecture, Data Architecture, Application Architecture and Technology Architecture. The result of this research is the design of Enterprise Architecture which have contents about artefact and the recommendation that can overcome the problems mentioned above by applying an ERP SD application that is able to perform document management, reporting and integrating export function with other functions.

From this design of Enterprise Architecture expected to be a reference or basis for PT. Albasia Nusa Karya Garut regency in developing information technology to support the business processes.

Keywords: Enterprise Architecture, TOGAF ADM, framework, PT. Albasia Nusa Karya Garut Regency, barecore