

ABSTRACT

PT Karsa Buana Lestari is a company engaged in the field of environmental impact analysis consultancy services and environmental laboratories that are experienced and supported by professional human resources and experts in their fields. To support these activities the General and Logistics Division has a role in managing the procurement of goods and transportation to support the process of activities that occur at PT Karsa Buana Lestari. The General and Logistics Division has the disadvantage of not meeting good quality, in this case, the recording, storage, and recording of data that is not well integrated between each division and the inaccuracies in recording data. In this case, a solution is needed for improvements in the General and Logic business processes, namely by using an enterprise architecture plan in the form of an IT Roadmap design for recommendations on technology development that is used as a reference in implementing enterprise architecture at PT Karsa Buana Lestari.

So in this study using qualitative methods, namely by making observations to the company and interviews directly to the public and logistics functions in the company that aims to get the data and information needed.

This study uses the TOGAF ADM framework with a model namely ArchiMate. Archimate can separate the scope of work from business process analysis, application architecture and data, and technology. The output of this research is in the form of an IT Roadmap to provide recommendations for the implementation of information technology development at PT Karsa Buana Lestari.

Keywords: Enterprise architecture, TOGAF ADM, IT Roadmap, ArchiMate, Qualitative