

ABSTRACT

Dinas Lingkungan Hidup has the main duty of organizing regional government affairs in the field of environmental management, but the business processes that exist in these agencies have not run well as yet can maximize the use of existing information technology. Problems that occur also due to the absence of a standard to run business processes with the use of optimal information technology. The solution to answer the problem is the need for a standard or guidance in the implementation of business processes to align with the existing information technology strategy. Enterprise Architecture is a method that will be designed with the TOGAF (The Open Group Architecture Framework) and ADM framework (Architecture Development Method) to be a component in TOGAF which will be the design methodology. Starting from the preliminary phase to the migration planning phase. Conclusion of EA design is to produce a blueprint architecture in the form of two existing and targeted conditions in business architecture, information architecture, and technology architecture which then proposed to IT Roadmap.

Key words: *enterprise architecture, TOGAF, agencies, information technology*