

ABSTRACT

Department of Highways and Irrigation of Bandung City (DBMP) is one of Government Agency which provide infrastructures supporting peoples live and economy. Information Technology is highly required to be implemented at DBMP to support its operational activity - especially in archiving data. By implementing information Technology, the heavy use of paper can be reduced. Enterprise Architecture will be used to implement Information Technology at DBMP.

Enterprise Architecture is a method to synchronize business strategy with information technology. Framework that will be used to support Enterprise Architecture of design process is TOGAF (The Open Group Architecture Framework) with TOGAF ADM (Architecture Development Method) Method. TOGAF ADM is used in this research because TOGAF ADM has been widely used in this research because TOGAF ADM has been widely used in enterprise architectural design. TOGAF ADM has 9 phases, there are Preliminary Phase, Architecture Vision, Business Architecture, Data Architecture, Application Architecture, Technology Architecture and Opportunities Solutions.

Design in this research will generate TOGAF ADM artifacts in blueprint which can be used for DBMP Bandung City - especially in control unit.

Keywords: Enterprise Architecture, TOGAF ADM, Governance.