

ABSTRACT

ANALYSIS AND DRAFTING OF ENTERPRISE ARCHITECTURE SYSTEM OF ELECTRONIC BASED GOVERNMENT USING TOGAF FRAMEWORK ON CONSTRUCTION SERVICES IN THE DEPARTMENT OF BINA MARGA AND WEST JAVA ROOM ARRANGEMENT

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The design of Enterprise Architecture at DBMPR West Java using TOGAF ADM framework as guidance, in order to meet the needs of Information System development. In this study, TOGAF ADM framework has nine (9) phases of the five (5) phases used in this research, these phases are the Preliminary Phase or the preparation phase, Architecture Vision or the phase used to explain the scope of architecture, Business Architecture or the phase that describes development. business architecture of the organization, Information System Architecture or a phase that describes the development of the architecture of data and also applications in an organization, Technology Architecture or a phase that describes the development of a technology architecture in an organization by looking at current conditions (existing) then made some adjustments for the development of future conditions (targeting). The output of this research is a blueprint. The preparation of this research is also based on Perpres No. 95 Tahun 2018 concerning Electronic-Based Government Systems that are used to integrate business processes, exchange data and information, and applications in a service. In the Construction Services Sector, there are still processes that are still being carried out manually so that the exchange of data and information cannot be done in real time. This study applies Enterprise Architecture which focuses on the Construction Services Sector to support existing business processes. The results obtained from the design of Business Architecture are an information system that facilitates business processes, in Data Architecture produces information systems so that data exchange can be accessed in real time, in Application Architecture results in integration between applications, and in Technology Architecture produces technology that can support information system needs.

Keyword: *Enterprise Architecture*, SPBE, TOGAF ADM, Dinas Bina Marga dan Penataan Ruang