

ABSTRACT

ANALYSIS AND DESIGN OF BUSINESS ARCHITECTURE FOR ELECTRONIC BASED GOVERNMENT SYSTEMS IN SPACE ARRANGEMENT USING TOGAF ADM FRAMEWORK (CASE STUDY: DINAS BINA MARGA AND PENATAAN RUANG WEST JAVA)

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Sistem Pemerintahan Berbasis Elektronik (SPBE) is the administration of government that utilizes information and communication technology to provide services. SPBE architecture is used to describe the integration of business processes, data, information and applications to provide a service. In the field of spatial planning there are problems that are not in accordance with the SPBE aspects related to business processes and the exchange of data is still using the manual method using paper which causes the process to not be integrated in real time. Designing Enterprise Architecture using TOGAF ADM is done to produce an integrated process for developing and maintaining the spatial planning field, and the existing design can be adapted to changes and needs, both existing and targeting. In designing enterprise architecture that will be carried out using 4 phases in the TOGAF ADM, namely, preliminary phase, vision architecture, business architecture, information architecture consisting of data architecture and application architecture, and technology architecture.

Keywords : SPBE, *Enterprise Architecture*, TOGAF ADM.