ABSTRACT

Dinas Lingkungan Hidup (DLH) is government agency in the field of environment control. Some activities on DLH West Java especially the areas of governance environment are considered not running effectively and efficiently. The reason is there are no supporting application and existing infrastructure is not as expected. By utilizing information technology then existing problem on DLH West Java, especially the areas of governance environment will be easier to solve. Utilizion of information technologi must be aligned with existing the business strategy so that required design of enterprise architecture. In the design of enterprise architecture needed a framework that is used to identify scope and support the process of architectural design. One of the existing framework is TOGAF with TOGAF ADM method. The TOGAF framework is chosen because it has several advantages, one of which is flexible and easy to integrate. TOGAF ADM has seven phases, that is Preliminary Phases, Architecture Vision, Business Architecture, Information System Architecture, Technology Architecture, Opportunities and Solution, and Migration Planning. On this research by using the TOGAF ADM produces blueprint and IT Roadmap used as the basis for implementation of the system in DLH West Java especially the area of governance of environment.

Keyword: Enterprise Architecture, DLH, *Framework, TOGAF ADM*