

ABSTRACT

Dinas Tanaman Pangan dan Hortikultura Provinsi Jawa Barat was a government office that has the main task to carry out agricultural activities of West Java. The resources function was charge of providing the need to assist agriculture throughout the region of West Java. The development of this digital era demands the Dinas Tanaman Pangan dan Hortikultura Provinsi Jawa Barat to serve the community by utilizing information technology. The business process must use and utilize the technology and information infrastructure.

The design of enterprise architecture at the Dinas Tanaman Pangan dan Hortikultura Provinsi Jawa Barat will use TOGAF ADM framework that can align the business strategy with the utilization of information technology. This design will determine architecture in Preliminary phase, Architecture Vision, Business Architecture, Data Architecture, Application Architecture, Technology Architecture, Opportunities and Solution, and Migration Planning. Enterprise Architecture will determine the requirements in the business phase, data, applications, and technology so that the resulting architecture will be better. Transition planning which includes the opportunities and solution phases and the migration planning phase will determine the risks and values gained from the design of this architecture.

The results obtained from the design of enterprise architecture in the form of artefacts on TOGAF ADM and the roadmap architecture for the development of information technology. The designed architecture can help the Dinas Tanaman Pangan dan Hortikultura Provinsi Jawa Barat in particular the function to improve its services.

Keywords: *Enterprise Architecture, TOGAF Framework, Dinas Pertanian*