

ABSTRACT

Dinas Bina Marga dan Pengairan (DBMP) Bandung is a city government agency that focuses on development and maintenance of kebinamargaan and irrigation facilities. DBMP in performing performance functions assisted by several fields one of which is the development function. This function has the task to manage infrastructure development activities related to kebinamargaan and also irrigation. Bandung city itself is one of the cities that began to launch smart city which strongly recommends governmental administration to use information technology to help business activities.

DBMP Bandung itself in the implementation of its task is still done manually. One of them is the activity of report management. Report management itself has not been well documented. Reports that were made were not recorded well so it takes a long time to access it again. The form of reports that are still in the form of physical causes the storage of any report is not small. Karena that DBPM need a solution to solve the problem.

Enterprise architecture is one solution that can be taken to solve the problems in Bandung DBMP especially in reporting management. Enterprise architecture itself is an approach that translates the mission vision and business strategy plan of a company or organization by comparing existing conditions and targets that focus on the application of information technology and will generate proposals that will assist the organization in the application of information technology later.

In making enterprise architecture using framework. The framework used is TOGAF (The Open Group Architecture Framework). TOGAF itself has several methods that can be adapted to the conditions of the organization, one of which is ADM (Architecture Development Method). TOGAF ADM is selected because it is in accordance with the DBMP condition that is still in the early stages in the use of information technology.

With the implementation of EA is expected to help DBMP Bandung in carrying out its function to achieve the vision of the mission has been made and to improve the performance of the organization itself. With the hope that the next goal of the DBMP as a service-oriented agency is to serve the people.