

ABSTRACT

**ENTERPRISE ARCHITECTURE DESIGN WITH TOGAF ADM
APPROACH ON DISTRIBUTION FUNCTION (CASE STUDY :
PERUSAHAAN DAERAH AIR MINUM TIRTA RAHARJA
KABUPATEN BANDUNG)**

Tirta Raharja Regional Water Company is a responsible company for the distribution of clean water in Bandung Regency, West Bandung Regency, and Cimahi Regency. PDAM Tirta Raharja has been established since 1926. Tirta Raharja Regional Water Company has a vision with excellent service into the most advanced and competitive PDAM. For the sake of the realization of this vision, Tirta Raharja Regional Water Company must always make improvements, especially in the function of distribution of clean water to the areas of Bandung and surrounding areas. Distribution is a function that aims to design a water distribution network and is responsible for installation and maintenance of water distribution. To improve performance and performance hence required integrated information system as supporting the distribution function. In the design of information systems often do not meet the needs of the company, then before entering into the stage of system development, designing enterprise architecture is required. The design of enterprise architecture for information system of Tirta Raharja Regional Water Company on distribution function using TOGAF ADM with limitation that is Preliminary phase, Architecture Vision, Business Architecture, Information System Architecture, Technology Architecture, Opportunities and Solutions and Migration Planning by comparing the existing and target condition . The output in this research is in the form of blueprint architecture and IT Roadmap as the basis of development on distribution function at Tirta Raharja Regional Water Company. TOGAF ADM was chosen because it can meet the needs of enterprise architecture development.

Keywords : Enterprise Architecture, TOGAF ADM, Distribution, PDAM Tirta Raharja