

ABSTRACT
ENTERPRISE ARCHITECTURE ANALYSIS AND DESIGN
USING TOGAF ADM APPROACH IN PRODUCTION
FUNCTION
(CASE STUDY : PERUSAHAAN DAERAH AIR MINUM
TIRTA RAHARJA KABUPATEN BANDUNG)

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The availability of clean water must be widely felt by all citizen of Indonesian. A well clean water accessing gives more positive causes to the human development index. According to BPS data 2015, at level of district the average of clean water accessing just reached 49% that could be percieved by community. It forms a commitment as well as a government reference to realize 100% universal access to drinking water by 2019. Recognizing the problematic of access to clean water does not escape the responsibility and priorities of PDAMs to provide quality water supply and service. However, looking at internal companies there are still many obstacles in the production process such as water loss and the difficulty of raw water supply. Thus it is necessary to design Enterprise Architecture to identify the right business processes. This research uses Togaf ADM approach to analyze and design Enterprise Architecture that integrate between business, data, application and technology which then will generate suggestion or solution to company strategy. The research resulted in a blueprint of enterprise architecture design in production function and it roadmap as preparation material for information system development.

Keywords: production, enterprise architecture, information system, PDAM, clean water