

ABSTRACT

Badan Perencanaan Pembangunan Daerah (Bappeda) Bandung District is one of the local technical institute that served as the executor of executive functions which coordinate with each other so that governance goes well. In this globalisation's era Bappeda should be able to deal with the advent of information systems and information technology in serving the people. In carrying out its business activities Bappeda should be able to be supported on a variety of aspects: business and infrastructure that includes information systems and technology used.

Government organizations should have a design that can align business strategy with information technology in conducting business activities on research and development functions Bappeda Bandung District. Enterprise architecture is one method that can be used to align business strategy with information technology. Framework which can be used as a reference in designing enterprise architecture that TOGAF ADM. TOGAF ADM consists of 9 phases, but the phases are carried out for this final project only 5 phases which preliminary phase, architecture vision phase, business architecture phase, information system architecture phase, technology architecture phase, and opportunities and solutions phase.

Based on this final project produced the draft EA in the form of artifacts TOGAF ADM and recommendations in the form of IT development roadmap. This study takes a case study Bappeda Bandung District, especially the research and development functions.

Keywords: EA, TOGAF ADM, government, research and development