

ABSTRACT

ENTERPRISE ARCHITECTURE DESIGN IN INFORMATION TECHNOLOGY FUNCTION OF BANK BPD BALI USING TOGAF ADM APPROACH

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Bank BPD Bali is a Regional Government-Owned Enterprise (BUMD) that is engaged in banking and is a public bank whose majority ownership is held by the provincial government of Bali. Bank BPD Bali has the vision to become a strong, highly competitive and leading bank in serving UMKM and contribute to regional economic growth. Based on this vision, the function of information technology plays an important role in achieving the vision of Bank BPD Bali. The purpose of the information technology function of Bank BPD Bali is to provide information technology support that is reliable, effective, and efficient for bank operations in achieving the vision and mission and strategy of Bank BPD Bali. In order to achieve the objectives of the information technology function, an information system is needed to create an integrated and synergic information technology environment. The use of IT at Bank BPD Bali still lacks synergy between business units and IT so the IT investments that are not in accordance with business needs. Therefore, it is necessary to design an enterprise architecture (EA).

Enterprise architecture was chosen because it can control the complexity of the company, its processes, and systems. In addition, EA was chosen because IT strategies are not only about technology but also create an integrated environment that utilizes human skills, business processes, organizational structures, and technology to change the competitive position of business.

To create an enterprise architecture design in information technology functions, this research uses TOGAF ADM as a framework in Preliminary Phase, Architecture Vision, Business Architecture, Architecture Information Systems, Technology Architecture, Opportunities and Solutions, and Migration Planning. The results of this

study are to provide an overview of the blueprint and IT roadmap for planning IT investments to fit business needs.

Keywords: Enterprise Architecture, TOGAF ADM, Bank, Information Technology