ABSTRACT

This research focuses on the application of the Smart Village concept in Serang Village through the design of Enterprise Architecture using the TOGAF ADM 9.2 framework, which includes the stages of Preliminary Phase, Architecture Vision, Business Architecture, Data Architecture, Application Architecture, Technology Architecture, Opportunities and Solutions, and Migration Planning. This research is driven by the development of information technology and the need to improve the efficiency and effectiveness of village resource management in supporting sustainable development and increasing the achievement of SDGs, especially SDGs 8 (Equitable Village Economic Growth) and SDGs 15 (Villages Care for the Land Environment). The problems studied include inefficiency in the implementation of business activities, uneven village economy, and ineffective communication between the village government and local industries. The results of this study are based on an analysis of environmental, economic, and people pillars. The design of Enterprise Architecture for Smart Village in the Serang Village Government produces outputs in the form of Architecture Roadmap and Blueprint Enterprise Architecture, which serve as strategic guidelines in the application of information systems on these pillars in the Serang Village Government.

Keywords: *Enterprise Architecture*, *Smart Environment*, *Smart Economy*, *Smart People,* SDGs, *Smart Village*, TOGAF ADM