

ABSTRACT

ENTERPRISE ARCHITECTURE DESIGN AS A SMART VILLAGE DEVELOPMENT STRATEGY IN VILLAGE SERVICES (ECONOMIC SERVICES) DIMENSIONS USING TOGAF 9.2 (CASE STUDY: DESA MAJU IN JAMBI REGION)

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The smart village is one of the digital transformation concepts used to organize the improvement of the economic sector within the scope of village government in supporting the achievement of SDGs Village sustainable development goals. Sembubuk Village is one of the villages in Jambi Province with advanced village IDM status. Judging from the value of the village SDGs in Sembubuk Village, Goals 8 (Village Economic Growth is Equitable) and Goals 10 (Village Without Gaps) still need to be higher at 24.95 and 43.21. This low value is due to the lack of utilization and management of village potential and Village-Owned Enterprises (BUMDes). By implementing a smart village, the Sembubuk Village Government can optimize and increase the effectiveness and efficiency of village economic improvement programs such as training and BUMDes management. In implementing a smart village, aligning the government's strategic plan with technological needs is necessary. To harmonize this, it is necessary to design an Enterprise Architecture (EA). Guidelines for designing EA in this study using the TOGAF 9.2 framework, which consists of the Preliminary phase, Architecture vision, Business Architecture, Information system architecture, Technology architecture, Opportunities and solutions and migration planning. Therefore, applying EA to the design of a smart village produces an EA blueprint and IT Roadmap that can be used as a guide in implementing and optimizing information systems in Sembubuk Village.

Keywords: Smart village; Economic Services; Enterprise Architecture;

TOGAF 9.2; SDGs; IDM.