

ABSTRACT

ENTERPRISE ARCHITECTURE DESIGN AS A SMART VILLAGE DEVELOPMENT STRATEGY IN VILLAGE SERVICES (ECONOMIC SERVICES) DIMENSIONS USING TOGAF 9.2 (CASE STUDY: DEVELOPED VILLAGE IN SUMATERA SELATAN AREA)

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Information technology can be utilised to increase individual to organisational productivity from various aspects such as economics, health, education, and social. Smart Village is a concept that takes components from the smart city concept that utilises information technology to build Indonesia with sustainable development efforts (SDGs) in rural areas. Research objects are selected based on classifying the Developing Village Index (IDM) with "Advanced" village status. Tanjung Lalang Village is a village with an "Advanced" status that can apply the smart village concept to help solve problems by utilising the resources and potential of the village. The method used in this study is a literature study that provides solutions for designing Enterprise Architecture on the Smart Village concept using the TOGAF 9.2 framework, which consists of the Preliminary phase, Architecture Vision, Business Architecture, Data Architecture, Application, Technology Architecture, Opportunities and Solution, to Migration Planning which focuses on the Village Services dimension in the Economic Services aspect and SDGs Goal 8 (Equal Village Economic Growth) and SDGs Goal 10 (Villages Without Gaps). The results of this study are in the form of an EA Blueprint and IT Roadmap in Tanjung Lalang Village as a guideline for developing smart villages in the Tanjung Lalang Village Government. Through this research, it is hoped to improve services and economic management in the Government of Tanjung Lalang.

Keyword - Smart Village, Enterprise Architecture, TOGAF 9.2, Economic Services, SDGs