

ABSTRACT

In the increasingly growing era of globalization, various industrial sectors are starting to carry out digital transformation, one of which is PT Surya Energi Indotama (SEI), which is a domestic company engaged in the field of new, renewable energy, especially the development of solar energy in Indonesia. In this company, there is a Supporting Section which functions to support the main business functions of PT Surya Energi Indotama (SEI). In running its business, the Supporting Department has implemented automation, but each business unit still carries out its business without any integration between one business unit and another, resulting in misinformation between business units. One approach to overcome this problem is to design an enterprise architecture. Enterprise architecture plays a role in identifying and designing the main components in an organization, such as business processes, technology and information owned by an organization, and how these components interact with each other. To design enterprise architecture, researchers used the TOGAF ADM method which consists of Preliminary, Architecture Vision, Business Architecture, Information System Architecture, Technology Architecture, Opportunities and Solutions, and Migration Planning phases.

Keywords: Enterprise architecture, Supporting Department, TOGAF ADM