

## **Abstract**

**PT. Agatos Karya Teknikatama is a company engaged in the field of electrical mechanical. In carrying out business processes the company has a strategic plan, one of its goals is to make SI/IT a strategic means of enterprise development. Current conditions in the PT. Agatos Karya Teknikatama company, there are problems, such as poorly utilized data storage, less SI/IT storage that makes business processes less effective and efficient at corporate functions, and SI/IT does not currently support the company's upcoming five-year plan. From the problems faced, it is necessary to plan according to the needs of the company. Enterprise architecture planning can be used to align information technology with the company's business strategy. Enterprise architecture planning is done using the TOGAF ADM framework, which starts from the preliminary phase to the migration planning phase. The results of enterprise architecture planning using the TOGAF ADM framework in the form of a blueprint and IT roadmap that contains guidance on proposals for the next five years based on the plans that have been made. From the results of using the TOGAF ADM framework assessed based on the company's EA Scorecard, an average score of 49.3% for current conditions and 85.72% for proposed conditions, this means that EA Scorecard testing increased by 36.42% after EA planning using the TOGAF ADM framework.**

**Keyword : Information Technology, Enterprise Architecture, TOGAF ADM, blueprint, IT roadmap, PT. Agatos Karya Tekikatama**