

ABSTRACT

Application of IT Governance be able to supports organization in order to build a framework that direct and decide the utilization of IT according to the needs that aligned with vision, mission, values, strategy and organization's culture. There is a reference on good corporate governance through application of IT in an Own State Company, that is Ministers of State Decision. Based on a graphic in reference for IT Governance framework in PER-02/MBU/2013 by guide share Europe about COBIT is a framework that focus in aligning IT with company's business. PT Bio Farma is one of State Own Company that in a development of IT and application of IT Governance. The process in PT Bio Farma has not proceed appropriate to COBIT 4.1. Hence, the analysis and design of IT Governance in this research is using COBIT (Control Objective for Information and Related Technology) 4.1 framework.

The first phase is assess the maturity level to discover the maturity level and the gap of IT governance in PT Bio Farma, Plan and Organise (PO) and Acquire and Implement (AI) domain with target score for COBIT 4.1 maturity level is 3 (define). The next phase is priority analysis through mapped the company's target to business goals, IT goals and IT process according to COBIT 4.1. The result of priority analysis is the important and critical priority process for that to do the gap and risk analysis and then do the design. The result of design are policy, standard operational procedure, organizational structure, technology recommendation and document template related to priority processes.

Keyword : IT Governance, COBIT 4.1, Maturity Level, Plan and Organise, Acquire and Implement