

ABSTRACT

Enterprise Resource Planning is an integrated system that can facilitate the integration of existing processes in the company and allow the company to improve their performance. PT. Pertamina (Persero) as one of the multinational company which runs in the management of oil, gas and geothermal energy began to implement the integrated system. PT. Pertamina decided to use SAP R/3 in 2003, but after three years SAP R/3 is not maximally used up because of various problems that occur.

In 2009 PT. Pertamina began to replace the SAP R/3 to mySAP 2005 that has a higher specification, and now there are several modules (systems) that have entered the post-project stage. One module that has been used is Material Managment Hydro Movement. MM Hydro Movement system used is a new system and the company don't know how the implementation performance and quality of the system. Therefore, the purpose of this research is to evaluate the success of implementation and quality of system in post-project phase of ERP.

Oliver Wight ABCD Checklist is a method for assessing the success of ERP implementation that performed on a set of key factors that are considered as a measure of success of the system and it's called with Critical Success Factor. There are three indicators of Oliver Wight that are used in this research there are, Strategic Planning Processes, People/Team Process, Planning and Controlling Processes. On the other side for determining the quality or maturity of the ERP system, the Fit-Gap Analysis based on ERP Requirements can be used.

Based on the results of data processing using the Oliver Wight ABCD Checklist, the achievement level MMHM system at the level of B, although it has reached the level of B, there are several obstacles that are still occurring and needs to be fixed by using the Change Management. On the other side, the Fit-Gap Analysis between the system and the ERP Requirements MMHM has been very good, because it has met all criteria, but there is one criteria that are not met, which is the support infrastructure.

Keywords: Enterprise Resource Planning, post project, Oliver Wight ABCD Checklist, Fit-Gap Analysis, ERP Requirements