

## **ABSTRACT**

*PT. PP London Sumatra Indonesia Tbk is a company engaged in the oil palm and rubber plantation industry. They already implemented information technology. In order to maintain productivity and synergy, PT. PP London Sumatra Indonesia implements the use of ERP based on SAP Logon 730. However, in implementing the SAP system at PT. PP London Sumatra Indonesia, the company does not yet know the level of acceptance of SAP system users in the HR division. Therefore, in ordering the acceptance/use evaluation of the system used. Because the acceptance of new technology can have an impact on the company, because the implementation of the new system will be an inhibiting influence in decision making in the company. Which means acceptance of the system is crucial. Theory Planned of Behavior which is the development of the TRA theory. Which in this TPB is the addition of a behavioral control perception construct variabel that is used to determine how employees influence when using SAP. By using TPB which will analyze the TPB modeling variabels on the use of the SAP system at PT. PP London Sumatra Indonesia. With this explanation, this study aims to analyze the acceptance of the implementation of the SAP system using five variabels and the data will be processed by smartPLS. The process of collecting data distributed to 30 SAP Logon 730 users in the Human Resource division at PT. PP London Sumatra Tbk. And it can be concluded that 3 hypotheses are accepted and 1 hypothesis is rejected.*

**Keywords - ERP, SAP, Human Resource, TPB**