

ABSTRACT

Indonesia has various resources that can be used as a growing business field. One element of developing resources is the palm oil industry (crude palm oil / CPO). In its development, it was found that palm oil production is one of the productions that grows each year significantly based on data from the Directorate General of Plantations in 2021. Based on these data, palm oil production in Indonesia is a potential business project that requires special attention in handling the Maintenance of production machinery and production infrastructure of all facilities to support oil palm production. One company that has taken advantage of the advantages in oil palm plantations since 1992 is PT. XYZ who is fully implemented ERP in all parts of its operations. In the production process, there has a problem, namely data inconsistency in reporting in the machine maintenance process that is carried out. Hence, the machine breaks down at least once, and some processes still go through the manual stage. The author's solution is configuring the Corrective Maintenance section to improve ERP performance, especially in the Plant Maintenance module. Therefore, the Corrective Maintenance procedure is configured by adding a job completion process that has been tested successfully.

Keywords: *ERP, SAP, plant maintenance, breakdown, refinery industry, corrective maintenance*