

ABSTRACT

PT Gresik Migas (PTGM) is a regionally owned enterprise (BUMD) operating in the energy sector, particularly in the provision and distribution of natural gas. This study is an analytical investigation aimed at examining the condition of information technology (IT) governance at PT Gresik Migas by utilizing the COBIT 2019 framework. The analytical approach is conducted by assessing the capability levels of key processes relevant to IT governance within the organization, as well as identifying the gaps between the existing condition and the expected capability levels. This process also includes an evaluative element to measure the extent to which IT governance has been effectively and comprehensively implemented, so that the results of the analysis can serve as the basis for developing structured governance improvement recommendations aligned with the company's strategic objectives. The assessment instrument is designed based on COBIT 2019 standards and has been validated by the Head of the Technical and Operations Division as a subject-matter expert, in order to ensure contextual relevance and objectivity. It should be noted that the capability assessment in this study does not fall under the category of statistical quantitative analysis, as it does not involve inferential data processing, but rather employs a descriptive approach based on the evaluation of process activity achievements. The findings indicate that most APO and MEA processes are at capability levels 2 to 3. Based on these findings, the study formulates improvement recommendations focused on three core aspects: people (enhancing IT personnel competencies and roles), process (establishing and enforcing documented policies and procedures), and technology (strengthening integration and continuous system monitoring).

Keywords: *Information Technology Governance, COBIT 2019, MEA Domain, APO Domain, Design Factors, Capability Assessment, Gap Analysis.*