

Analisis manfaat ekonomi dan identifikasi risiko investasi sistem treasury dealing room (TDR) : studi kasus direktorat jenderal pembendaharaan / Bagus Utomo

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Abstrak

ABSTRAK

Minister of Finance has authority to manage state finances covering cash and securities. To increase Non-Tax State Revenue and reduce the cost of funding, the Directorate General of Treasury build Treasury Dealing Room (TDR). The Budget for information system/information technology (IS/IT) is 74% of the total project budget. This study aims to analyze economic benefits of TDR system investment. Generic IS/IT business value table is used to identify the benefits for the organization and digital prosperity framework for the country. Systems dynamics is used to analyze the interrelationship between business benefits to obtain key business benefits. Quantification is based on IT metrics and assumptions on calculating the value of TDR funds. This research also identifies risks using COSO Enterprise Risk Management-Integrated Framework. Thematic analysis is used to process qualitative data. The results show that investment of TDR systems can reduce the cost of money (RCO-09), increasing revenue caused by increasing business capacity (IRE-01) and widening market segment (IRE-04). The total value of benefits for five years amounted to Rp655.294.873.957. The benefits for the country are increasing efficiency and a larger and more efficient market. Eleven potential risks covering regulatory, coordination, technology, and human resources aspects are obtained.