

# Pengembangan system operation & procedure (SOP) pada perencanaan proyek feasibility study di PT PLN (Persero) berbasis PMBOK = The development of system operation & procedure (sop) for feasibility study project planning in PT PLN (Persero) based on PMBOK

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## Abstrak

Tahap perencanaan berperan penting dalam sebuah proyek, termasuk proyek feasibility study. PT. PLN (Persero) Puseulis mempunyai prosedur yang mengatur proses bisnisnya, yaitu Prosedur Enjiniring. Hasil analisis komparasi dan analisis risiko pada tahap perencanaan feasibility study berdasarkan PMBOK menghasilkan SOP baru pada area scope management, time management, cost management, time management, human resource management, stakeholder management serta pengembangan SOP lama yaitu integration management dan risk management. SOP baru menjabarkan kegiatan tahap inisiasi - penutupan, dengan masing-masing penanggungjawab, durasi, dan outputnya. Dengan mengembangkan sistem perencanaan proyek berbasis PMBOK 2013 dengan pendekatan risiko, maka kinerja waktu perencanaan proyek feasibility study dapat ditingkatkan.

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Planning stage is important in a project, including feasibility study project. PT. PLN (Persero) Puseulis have a "Procedure Engineering" that manage the bussiness process. Comparation analysis and risk analysis on planning stage of feasibility study based on PMBOK resulting new SOP in scope management, time management, cost management, time management, human resource management, stakeholder management and developing an existing SOP in integration management dan risk management. The new SOP describe a whole activities from initiating until closing by adjusting the PIC, duration, and output. With developing the project system planning based on PMBOK 2013, the time performance can be improved.