

TUGAS AKHIR PROGRAM MAGISTER (TAPM)

**EVALUASI PENGANGGARAN MODAL PROYEK DISTRIBUSI AIR MINUM
PADA PDAM TIRTA ADRIAN DI KABUPATEN NABIRE**



**TAPM diajukan sebagai salah satu syarat untuk memperoleh
Gelar Magister Manajemen**

Disusun Oleh :

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SEKOLAH PASCASARJANA

UNIVERSITAS TERBUKA

JAKARTA

2025

ABSTRAK

ANALISIS PENGANGGARAN MODAL PROYEK DISTRIBUSI AIR MINUM PADA PDAM TIRTA ADRIAN DI KABUPATEN NABIRE, PAPUA TENGAH

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Implementasi infrastruktur yang mencakup investasi dalam jaringan pipa distribusi dan pembangunan reservoir di Telaga Mamay membutuhkan alokasi modal yang besar. PDAM Nabire dan anggaran dari APBD Pemerintah Kabupaten Nabire sebagai pemilik perusahaan tidak mencukupi untuk membiayai proyek tersebut sepenuhnya. Oleh karena itu, sumber pendanaan tambahan dalam bentuk pinjaman modal diperlukan untuk mendukung proyek ini. Penelitian ini bertujuan untuk mengevaluasi kepastian pendanaan modal dalam proyek distribusi air bersih oleh PDAM Tirta Adrian Nabire dengan melibatkan PDAM Tirta Adrian Kabupaten Nabire sebagai narasumber utama. Aspek-aspek kelayakan yang diteliti meliputi manajemen sumber daya manusia, aspek teknis, pelayanan, dan keuangan. Berdasarkan hasil pembahasan dan uji coba dalam penelitian ini, disimpulkan bahwa investasi proyek PDAM dalam Sistem Penyediaan Air Bersih memenuhi kriteria keuangan dengan biaya investasi sebesar 25 miliar rupiah, komposisi modal 6% (1,5 miliar rupiah modal PDAM dan 94% pinjaman sebesar 23,5 miliar rupiah), NPV sebesar 51,038,234,444, dan IRR sebesar 21,90%.

Selain itu, hasil analisis SROI menunjukkan bahwa proyek ini memiliki SROI Ratio sebesar 2,91. Artinya, setiap satu Rupiah yang diinvestasikan dalam proyek ini menghasilkan sekitar 2,91 Rupiah dalam nilai sosial bagi masyarakat. Dengan demikian, kesimpulan dari analisis ini menegaskan bahwa proyek infrastruktur air bersih PDAM Telaga Mamay memiliki dampak ekonomi dan sosial yang signifikan serta layak untuk dilaksanakan.

Kata Kunci : kelayakan investasi, distribusi air bersih

ABSTRACT

ANALYSIS OF CAPITAL BUDGETING FOR DRINKING WATER DISTRIBUTION PROJECTS AT PDAM TIRTA ADRIAN IN NABIRE DISTRICT,CENTRAL PAPUA

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The implementation of infrastructure, including investments in distribution pipe networks and reservoir development at Telaga Mamay, requires significant capital allocation. The PDAM Nabire and the budget from the Nabire Regency Government as the company owner are insufficient to fully finance the project. Therefore, additional funding in the form of capital loans is needed to support this project. This study aims to evaluate the certainty of capital funding in the clean water distribution project by PDAM Tirta Adrian Nabire, involving PDAM Tirta Adrian Nabire as the main information source. The feasibility aspects examined include human resource management, technical aspects, service, and finance. Based on the results of discussions and testing in this study, it is concluded that the investment in the PDAM project in the Clean Water Supply System meets financial criteria with an investment cost of 25 billion rupiahs, a capital composition of 6% (1.5 billion rupiahs from PDAM's own capital and 94% loans totaling 23.5 billion rupiahs), NPV of 51,038,234,444, and an IRR of 21.90% Furthermore, the SROI analysis results show that this project has an SROI Ratio of 2.91. This means that every one Rupiah invested in this project generates around 2.91 Rupiah in social value for the community. Thus, the conclusion of this analysis confirms that the Telaga Mamay PDAM clean water infrastructure project has significant economic and social impacts and is worthy of implementation.

Keywords: *investment feasibility, distribution of clean water*

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PERNYATAAN

TAPM yang berjudul “ Evaluasi Penganggaran Modal Proyek Distribusi Air Minum pada PDAM TIRTA ADRIAN di Kabupaten Nabire” adalah hasil karya saya sendiri, dan seluruh sumber yang dikutip maupun di rujuk telah saya nyatakan dengan benar.

Apabila di kemudian hari ternyata ditemukan adanya penjiplakan (plagiat), maka saya bersedia menerima sanksi akademik.

Nabire, 18 Maret 2025
Yang Menyatakan



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LEMBAR LAYAK UJI

Yang bertanda tangan di bawah ini, Saya selaku Pembimbing TAPM dari Mahasiswa:

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Judul TAPM : Evaluasi Penganggaran Modal Proyek Distribusi Air Minum pada PDAM TIRTA ADRIAN di Kabupaten Nabire.

Menyatakan dengan sesungguhnya bahwa TAPM dari mahasiswa yang bersangkutan sudah selesai sekitar 80 % sehingga dinyatakan sudah layak uji untuk Ujian Sidang Tugas Akhir Program Magister (TAPM)

Demikian keterangan ini dibuat untuk menjadikan periksa.

Pembimbing II



Dr. Agus Susanto, M.Si

Jayapura, 4 Februari 2025
Pembimbing I



Dr. Said Kelana Asnawi, M.M

**PERSETUJUAN TAPM
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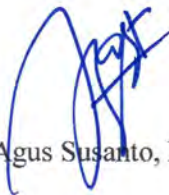
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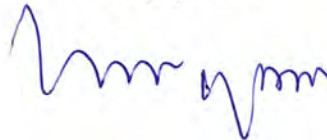
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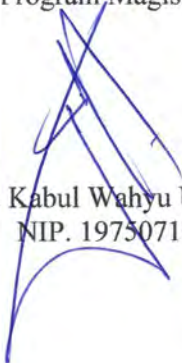
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PENGESAHAN HASIL UJIAN SIDANG

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TAPM telah dipertahankan di hadapan Panitia Penguji Tugas Akhir Program Magister (TAPM)
Program Studi Magister Manajemen Bidang Minat Keuangan pada Sekolah Pascasarjana
Universitas Terbuka pada:

Hari/Tanggal : Selasa, 18 Maret 2025
Waktu : 10.30 – 12.00 WIB

dan telah dinyatakan **LULUS**

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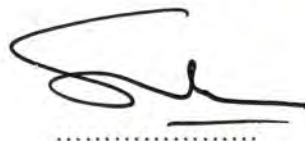
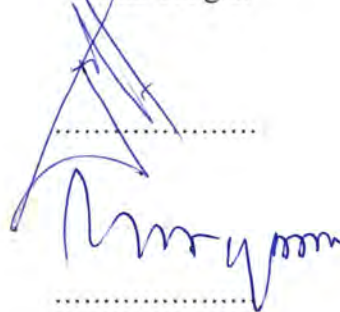
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Tanda Tangan



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