



## Abstrak

**Latar Belakang:** Menghadapi bonus demografi dan adanya kasus rujukan ibu anak yang tidak dapat diberikan tatalaksana akibat keterbatasan fasilitas Kesehatan di Kalimantan khususnya Balikpapan maka diperlukan adanya studi kelayakan terkait pembangunan Rumah Sakit Khusus Ibu Anak yang memberikan layanan yang *state of the art*

**Tujuan:** menilai kelayakan pembangunan RS Ibu dan Anak Balikpapan melalui penjelasan analisa situasi, analisa permintaan, analisa kebutuhan dan analisa keuangan

**Metode:** metode penelitian melalui pendekatan deskriptif kualitatif dengan melakukan wawancara mendalam, diskusi kelompok, data sekunder dan data proyeksi keuangan. Analisa data dilakukan guna menentukan apakah data mendukung kelayakan pembangunan RS Khusus Ibu Anak.

**Hasil:** Kelayakan pembangunan RS Khusus Ibu Anak meliputi analisa situasi eksternal didapatkan data yang mendukung dari kebijakan, demografi data pasangan usia subur, jumlah ibu hamil, balita, dan baduta serta angka infertilitas. Pertumbuhan ekonomi di Kalimantan meningkat 6,15% sebagai dampak perpindahan Ibukota Negara, prevalensi kasus ibu anak meliputi kasus infertilitas, kematian Ibu Anak, angka komplikasi pada neonatus yang dapat ditangani serta perbandingan jumlah RS Umum dan RS Ibu Anak di Kalimantan Timur yang menunjukkan angka relative kecil dibanding demografi jumlah pasangan usia subur, ibu hamil dan kasus anak. Analisa situasi internal didapatkan data sarana kesehatan khusus ibu anak di Kalimantan, layanan ibu dan anak, SDM dan keuangan di RS Pertamina Balikpapan. Analisa permintaan meliputi klasifikasi RS yang didapatkan dari rerata jumlah pasien berdasarkan kategori layanan sehingga klasifikasi yang dipilih adalah RS Khusus Tipe A, dilengkapi analisa lahan dan lokasi. Analisa kebutuhan meliputi kebutuhan lahan yang disesuaikan dengan Peraturan Pemerintah terkait penyediaan kamar standar. Terkait jumlah kamar, layanan yang harus tersedia, jumlah dan jenis alat kesehatan serta SDM yang dibutuhkan disesuaikan dengan PMK no 47 tahun 2021. Analisa keuangan menampilkan nilai investasi sejumlah Rp.248.851.888.097 dengan nilai NPV Positif Rp. 26.861.049.351, IRR 13,6% lebih besar dari discount factor, Payback periode pada 3 tahun 7 Bulan, rerata ROI 33,96% pertahun dan BEP sebesar 52,9%

**Kesimpulan:** Analisa menunjukkan kelayakan untuk dilakukan pembangunan RS Khusus Ibu Anak Balikpapan sehingga proses dapat dilanjutkan ke tahapan selanjutnya

**Kata kunci:** Kelayakan, RS Khusus Ibu Anak, Analisa

## Abstract

**Background:** Facing demographic bonuses and the existence of referral cases for mothers and children who cannot be treated due to limited health facilities in Kalimantan, especially Balikpapan, it is necessary to conduct a feasibility study related to the construction of a mother and child specialist hospital that provides state of the art services.

**Objectives:** Assessing the feasibility of the construction of Mother and Child Specialist Hospital of Balikpapan through an explanation of Situation Analysis, Demand Analysis, Needs Analysis and Financial Analysis

**Method:** Research method through a qualitative descriptive approach by conducting in-depth interviews, group discussions, secondary data and financial projection data. All data is analyzed to determine whether the data supports the feasibility of building a special hospital for mothers and children.

**Result:** Analysis to assess the feasibility on development of mothers and child specialist hospital includes an analysis of the external situation, obtaining supporting data from the policy, demographic data on couples of childbearing age, the number of pregnant women, toddlers and under two years old as well as the infertility rate. Economic growth in Kalimantan increased by 6.15% as a result of the relocations of the National Capital, the prevalence of cases of mother and child including cases of infertility, maternal and child mortality, the rate of complications in neonates that can be handled and a comparison of the number of General Hospitals and Mother and Children Hospitals in East Kalimantan which shows relatively small numbers compared to the demographics of the number of couples of childbearing age, pregnant women and child cases. Internal situation analysis obtained data on special health facilities for mothers and children in Kalimantan, mother and child services, human resources and finance at Pertamina Balikpapan Hospital. Demand analysis includes hospital classification obtained from the average number of patients based on service category so that the classification chosen is Special Hospital Type A, equipped with land and location analysis. The needs analysis includes land requirements that are adjusted to Government Regulations regarding the provision of standard rooms. Regarding the number of rooms, the services that must be available, the number and type of medical equipment and human resources needed, adjusted to PMK No. 47 of 2021. Financial analysis shows an investment value of Rp. 248,851,888,097 with a positive NPV value of Rp. 26,861,049,351, IRR is 13.6% greater than the discount factor, payback period is 3 years and 7 months, the average ROI is 33.96% per year and BEP is 52.9%

**Conclusions:** The entire analysis shows that there is feasibility for the construction of the Mothers and Child Specialist in Balikpapan so that the process can proceed to the next stage

**Keyword:** Feasibility, Hospital for Mothers and Child Specialist Hospital, Analysis