

Analisis Kelayakan Bisnis Galangan Ship Recycling Pada Model 3 in 1 = Business Feasibility Analysis of Ship Recycling Yard on 3 in 1 Model

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Abstrak

Sejak diberlakukannya asas cabotage pada tahun 2005, jumlah armada kapal di Indonesia meningkat. Dengan adanya peningkatan tersebut maka pada tahun ini terdapat banyak armada kapal yang berusia diatas 20 tahun yang didominasi kapal barang, kapal tongkang dan kapal tunda. Sedangkan berdasarkan Hong Kong Convention, umur operasi kapal dinilai ekonomis hanya sampai 25 tahun. Hal ini membuka peluang bisnis ship recycling di Indonesia. Salah satu model bisnisnya berbentuk model 3 In 1. Model dengan membeli, memproses dan menjual sendiri hasil produksi. Apabila ingin melakukan suatu bisnis maka perlu menyusun sebuah studi kelayakan bisnis agar mengetahui layak atau tidaknya bisnis ini dijalankan. Pada penelitian ini berfokus pada studi kelayakan bisnis pada aspek keuangan. Hasil studi kelayakan bisnis galangan ship recycling model 3 in 1 di aspek keuangan yaitu payback period selama 12 tahun 9 bulan 30 hari, average rate of return sebesar 17%, net present value sebesar Rp 34.778.749.935, profitability index sebesar 1,35, internal rate of return sebesar 8%. Dari hasil studi kelayakan tersebut bisnis galangan ship recycling dinyatakan layak karena telah memenuhi syarat kriteria investasinya.

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Since the implementation of Cabotage Principal in 2005, the amount of the Indonesian flagged ship increases. With those increase, comes many ships that are over 20 years old that are dominated by cargo ships, barges, and tug. According to the Hong Kong Convention, the economical operational age of a ship is only 25 yeas old. This opens up an opportunity for a ship recycling business in Indonesia. One of the applicable business model is a 3-in-1 business model. This model works by purchasing, processing, and dealing with the processed results themselves. When bulding a business, a worthiness study must be conducted in order to see whether the business will be worthwhile or not. This study focuses on the financial aspect. The results of the 3 in 1 model for a ship recycling shipyard business yields a payback period of 12 years 9 month and 30 days, average rate of return of 17%, net present value of Rp 34,778,749,935, profitability index of 1.35, and an internal rate of return of 8%. From those results, it can be concluded that a ship recycling business is deemed worth as it has passed its investment criteria.