PENDEKATAN *SUPPLY CHAIN OPERATION REFERENCE* (SCOR) DAN *ANALYTICAL HIERARCHY PROCESS* (AHP) DALAM PENGUKURAN *PERFORMANSI SUPPLY CHAIN* PADA *RICE MILLING* KOPERASI GATOS BUMI JAWI

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ABSTRAK

Dinamika permintaan beras yang fluktuatif pada tahun 2024 membuat Koperasi Gatos Bumi Jawi mengalami kendala dalam aliran *supply chain*. Permasalahan tersebut diantaranya terjadi *out of stock, overstocking,* dan keterlambatan pengiriman produk. Permasalahan yang dialami belum ada evaluasi terkait kinerja *supply chain* koperasi, sehingga dalam penelitian ini metode *Supply Chain Operation Reference* (SCOR) dan *Analytical Hierarchy Process* (AHP) dipilih untuk melakukan perhitungan *performansi supply chain* koperasi. Dalam metode SCOR terdapat lima proses inti yaitu *plan, source, make, deliver,* dan *return.* Lima proses tersebut nantinya akan dibagi dalam berbagai aspek seperti *reliability, responsiveness, flexibility, cost,* dan *asset.* Selanjutnya, dari aspek tersbut akan dijabarkan lagi menjadi indikator kinerja yang dimana dalam penelitian ini terdapat 30 indikator valid dari 37 indikator kinerja yang dirancang. Hasil perhitungan yang dilakukan menghasilkan nilai akhir *performansi* sebesar 80,99%. Angka tersebut menunjukkan bahwa kinerja *supply chain* koperasi masuk dalam kategori baik. Nilai akhir *performansi* dipengaruhi oleh besarnya bobot dan skor normalisasi tiap proses inti, dalam situasi ini permasalahan yang terjadi tidak mendominasi nilai akhir *performansi* sehingga hasil yang diperoleh tetap bagus. Selain itu, proses inti *make* menjadi penyumbang terbesar dan penolong nilai *performansi* dengan persentase sebesar 37,1%.

Kata kunci*:* *Supply Chain, Performansi,* SCOR, AHP

SUPPLY CHAIN OPERATION REFERENCE (SCOR) AND ANALYTICAL HIERARCHY PROCESS (AHP) APPROACHES IN MEASURING SUPPLY CHAIN PERFORMANCE IN RICE MILLING AT GATOS BUMI JAWI COOPERATIVE

ABSTRACT

The fluctuating dynamics of rice demand in 2024 have caused the Gatos Bumi Jawi Cooperative to encounter obstacles in its supply chain flow. These challenges include stockouts, overstocking, and delays in product delivery. The issues faced have not been evaluated concerning the performance of the cooperative's supply chain. Therefore, this study employs the Supply Chain Operation Reference (SCOR) and Analytical Hierarchy Process (AHP) methods to assess the cooperative's supply chain performance. The SCOR method identifies five core processes: plan, source, make, deliver, and return. These processes will be further divided into various aspects, including reliability, responsiveness, flexibility, cost, and assets. Additionally, these aspects will be elaborated into performance indicators; in this study, there are 30 valid indicators out of the 37 designed performance indicators. The results of the calculations yielded a final performance value of 80.99%. This figure indicates that the performance of the cooperative's supply chain falls within the category. Each core process's weight and normalization score influences the final performance value. In this context, the issues encountered do not significantly impact the final performance value, allowing the overall results to remain favorable. In addition, the core make process is the largest contributor and helper of the performance value, with a percentage of 37.1%.

Keywords: Supply Chain, Performance, SCOR, AHP

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