

ABSTRAK

Kunci persaingan dalam operasional industri selain terletak pada ongkos, kualitas, waktu, dan pasar, juga terletak pada aspek lingkungan. Persaingan pada aspek lingkungan didasari oleh perkembangan sektor industri yang melibatkan kegiatan di sepanjang rantai pasoknya yang dapat membawa dampak perubahan pada lingkungan. Semua kegiatan di sepanjang rantai pasok mempengaruhi beban lingkungan yang terjadi di sepanjang siklus hidup suatu produk. *TRIE'S CHEESE* merupakan industri rumah tangga yang melakukan aktivitas dari memperoleh bahan baku, membuat produk, dan produk jadi sampai ke tangan konsumen yang menghasilkan emisi karbon dioksida (CO₂). Emisi karbon yang ditimbulkan dari aktivitas-aktivitas tersebut dapat mempengaruhi nilai kinerja lingkungan pada perusahaan, sehingga dilakukan suatu pengukuran kinerja dengan pendekatan *green supply chain* pada industri ini.

Berdasarkan permasalahan di atas, maka akan dilakukan suatu pengukuran kinerja dengan pendekatan *green supply chain* dengan menerapkan model *Green Supply Chain Operation Reference* berbasis *Analytical Hierarchy Process* (AHP). *Green SCOR* merupakan modifikasi dari SCOR model. *Green SCOR* memasukkan unsur lingkungan dalam setiap proses yang digambarkan dalam SCOR model.

Dari hasil pengolahan data diperoleh nilai kinerja lingkungan pada bagian peternakan sapi perah, *TRIE'S CHEESE*, dan agen masing-masing di bulan Januari berturut-turut sebesar 77,25%; 74,81%; 46,57%. Kinerja di bulan Februari berturut-turut sebesar 83,58%; 79,13%; 78,93%. Kinerja di bulan Maret berturut-turut sebesar 75,24%; 63,68%; 73,1%. Kinerja di bulan April berturut-turut sebesar 76,52%; 82,64%; 78,01%. Kinerja di bulan Mei berturut-turut sebesar 74,9%; 73,06%; 73,12% dan kinerja di bulan Juni berturut-turut sebesar 78,15%; 78,03%; 77,61%. Nilai kinerja tersebut dipengaruhi oleh tingkat indikator kinerja lingkungan yang masih menunjukkan bahwa pencapaian dari indikator kinerja jauh di bawah target yang telah ditetapkan dan perlu segera dilakukan perbaikan, tetapi lebih banyak pencapaian dari indikator kinerja yang sudah mendekati/telah mencapai target yang ditentukan perusahaan.

Kata kunci : *pengukuran kinerja, Green SCOR, AHP, supply chain, lingkungan*

ABSTRACT

The key to competition in industrial operations is besides in the cost, quality, time, and market, but also lies in environmental aspects. The competition in environmental aspects are based by development of industrial sector which involves activities along supply chain and bring changes impact to environment. All activities in the supply chain affect the environmental loads that occurred as along as product life cycle. TRIE'S CHEESE is a home industry that conducts activities from obtaining raw materials, making products, and finished products to consumers, which produce carbon dioxide (CO₂) emissions. Carbon emissions generated from these activities can affect the value of company's environmental performance, therefore a performance measurement with a green supply chain approach is carried out in this industry.

Based on the above problems, a performance measurement with a green supply chain approach will be carried out by applying the Green Supply Chain Operation Reference model based on Analytical Hierarchy Process (AHP). Green SCOR is a modification of the SCOR model. Green SCOR includes the environmental elements in each process described in the SCOR model.

From the results of data processing, the value of environmental performance in the dairy farming, TRIE'S CHEESE, and agents' sectors in January was 77,25%; 74,81%; 46,57%, respectively. February's performance was 83,58%; 79,13%; 78,93%. Performance in March was 75,24%; 63,68%; 73,1%. Performance in April amounted to 76,52%; 82,64%; 78,01%. The performance in May was 74,9%; 73,06%; 73,12% and the performance in June was 78,15%; 78,03%; 77,61%. The performance value is influenced by the level of environmental performance indicators, which still show that the achievement of the performance indicators are far below the target that have been set and needs to be immediately improved, but more the achievement of the performance indicators are close to/have reached the company's targets.

Keywords : *performance measurement, Green SCOR, AHP, supply chain, environment*