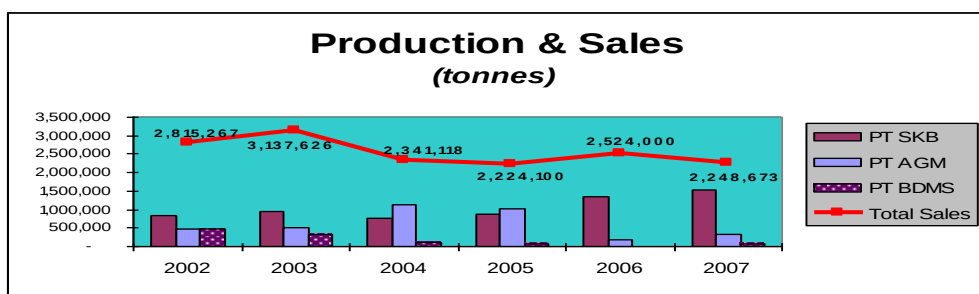


ABSTRACT

PT. Baramulti Sugih Sentosa is one of sub company of Baramulti Group which its main function is producing and distributing coal from the others sub company joining in the Baramulti Group (including: PT. Sumber Kurnia Buana, PT. Antang Gunung Meratus, PT. Baradinamika Muda Sukses, etc.) to the external buyers.

While running the business, Baramulti has faced many problems; one of those problems is volume of sales decrease when production's increase. That phenomena is being described in the picture below



And besides that, the decreasing of coal quality which is 10,8% that occurred in Baramulti is being noticed by its external costumer.

The first step in designing the logistic business process by using reengineering method, especially using paperless method, is identifying and analyzing the existing process in Baramulti. The next step is creating a creative idea which are benchmarking, brainstorming and fantasizing. After that, design the process based on the creative idea that had been made in the previous step, but the human resource, technology and the business process itself is still being considered. In this process, the logistic business process is also being analyzed. And for the last step is doing a validation using a simulation

The result of logistic business process design is shown in the table below

Sebelum Reengineering		Sesudah Reengineering	
Proses	Waktu Proses	Proses	Waktu Proses
Permintaan Batubara kepada Supplier	56.23 Menit	Permintaan Batubara kepada Supplier	619.3919 Menit atau 10.3232 Jam
Penerimaan Batubara Dari Supplier	3742.77 Menit atau 62.3795 Jam	Penerimaan Batubara Dari Supplier	690.41 Menit atau 11.50683 Jam
Pengiriman Batubara Kepada Pelanggan	6153.6 Menit atau 102.56 Jam	Pengiriman Batubara Ke Port Logistic	625.973 Menit atau 10.43288 Jam
Toatal waktu yang dibutuhkan	9952.6 Menit atau 6.91 Hari	Total waktu yang dibutuhkan	1935.775 Menit atau 1.35 Hari

Keyword: BPR, reengineering, Logistic business process