

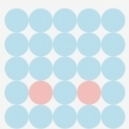


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## ABSTRACT

### **OPTIMIZATION PLANNING OF TRANSPORT SERVICES PERUM BULOG (Case study on Unit Bisnis Jasa Angkutan Regional Division of South Sulawesi) Retnaning Adisiwi**

*When Bulog turned into Perum and have a new vision and mission, Bulog have two fundamental functions : first perform a public service in distributing rice for support national of food security, and the second is to logistics business professionally to gives advantage for Perum Bulog. To find out how optimal commercial activity of transportation services business unit Bulog then conducted research with the aim to find out the transport services business unit performance and factors affecting performance and to identify transportation services plan that provides maximum benefit. To determine the factors affecting performance by using AHP method and to find transportation services plan to use linear programming. The AHP analysis showed that factors affecting performance is the management policy Bulog (0.288); transport volume (0.181); human resources (.140), transportation costs (0.136); transport capacity (0,110); capital (0.084), and warehouse capacity (0.060). Linear programming optimization results indicate that the transportation cost per ton in the national transport activities (movenas) and regional transportation (movereg) is Rp. 272 148, - less than the actual cost (Rp 334,958, -) and changes in transportation routes. In the transport activities raskin (moveraskin) optimization results indicate that the magnitude of transportation cost per ton was Rp. 84.269, - smaller than the actual cost (Rp. 85,010,-) and no changes to transportation routes. In order to develop business to achieve maximum benefit in accordance with the results of the optimization, the UB Jasang must provide a fleet of 3 ships, each with a capacity of 5000 tons and 10 haul trucks, each carrying a capacity of 8 tons.*



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