

Mgr inż. Włodzimierz Połoz

Wykładowca

Katedra Logistyki /Wydział Zarządzania UŁ

Title

The concept of improving the process of municipal waste collection on the example of enterprises operating in the Lodzkie Voivodship

Keywords

process management, organizational efficiency, municipal waste, indicators of the waste collection process

Abstract

The subject of the dissertation is part of the broadly understood environmental protection issue, in which the growing costs of waste management, including municipal waste, force the entities participating in the process of managing this waste to reduce or at least not increase it. The presented dissertation refers to the use of indicators of the efficiency of the municipal waste collection process. Efficiency indicators of the municipal waste collection process enable a comparative analysis of the parameters of the waste collection process and taking actions to improve this process in the company collecting municipal waste. This dissertation deals with the issues of process management, in which the author focused on explaining process management as well as methods for their improvement. Another issue covered by the dissertation is the issue of the efficiency of the organization and processes in the organization. The author draws attention to the praxeological approach to the efficiency of the organization perceived in the category of effectiveness and efficiency. Efficiency - achieving the assumed result and efficiency expressed as the ratio of inputs to the effects achieved. Addressing the issue of waste management, including municipal waste, the author points out that waste is an inseparable element of the modern economy and society. Satisfying the growing variety of human needs, different social groups, triggers the need to own and use various products with changing features of functionality, manufacturing technology, availability. This process inevitably leads to an increasing amount and diversity of waste due to the different types and forms of production and consumption activities. In addition to the stream of municipal waste

accompanying places of living, we are dealing with waste from the processes of transformation of raw materials, materials, components, use of finished products, moved in the opposite direction of the traditional supply chain, which is dealt with by reverse logistics. The interests of the author of the presented dissertation focus on research enabling the identification of parameters of the municipal waste collection process as well as factors influencing the efficiency of this process. These are factors directly dependent on the surveyed waste collection company, as well as those that do not depend on the company. These are factors resulting from the relationship between the company that was awarded a public contract for the collection of municipal waste and the statutory organizer of the public contract - the commune as the body responsible under the Acts on commune self-government and maintaining cleanliness and order in communes for environmental protection and maintaining cleanliness and order and neutralizing municipal waste. The third participant in these relations are waste producers - inhabitants of cities, towns, housing estates and houses, for whom disposal of waste has a significant impact on the comfort of life. The final conclusions of the presented dissertation are: the concept of improving waste collection processes and recommendations for companies providing waste collection services.