



“TEN YEARS WORKING TOGETHER FOR A SUSTAINABLE FUTURE”

Criteria for Performance Evaluation in Municipal Solid Waste Management

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Abstract

The sustainability issue and sustainable development are terms of relevance in recent years, particularly associated with debates of corporate social and environmental responsibility. In this sense, the instruments of evaluation of environmental performance have the function of reflecting the management strategies integrating with the sustainability actions. Based on this context, the present work has the objective of evaluating the performance of sustainable operations in the management of solid waste in a city in the southwest of Paraná. For this, the particularities of the context are taken into account, identifying the indicators that meet the dimensions of social, economic and environmental concern. For the development of the model an adaptation of the Multicriteria Methodology for Decision Aid – Constructivist - MCDA-C was made, allowing the comparison of the proposed objectives with the indicators obtained from the literature and specialists in the area. From the conception of the model, it was diagnosed that the sustainability that involves the solid waste management operations of the city obtained a score of 30 points, presenting a market-level performance, with a great potential of upgrading to be implemented through improvement actions.

Keywords: *Performance evaluation, Waste management, Multicriteria decision support, Sustainable operations*
