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The accounting of material flows and energy tool for improving the environmental performance of organizations

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Abstract

The Material Flow Cost Accounting (MFCA) is a management tool that can help the organizations from any industry to better understand what are the environmental and financial potential consequences of their practices using materials and energy.

Applying such methodology, that aims and quantifies the flows and stocks of materials within organization in physical units to which are associated the related costs, can give to managers the information needed to generate simultaneously the reduction of the environmental impacts and financial benefits.

This poster presents the methodology of continuous improvement of environmental performance and the results of its application in an organization, providing cleaning products, with implemented environmental management system.

Key words: methodology, environmental management, environmental performance, management of materials and energy flows, information dissemination