Environmental and Economic Benefits of Implementation of Cleaner Production of Polymers in a Company

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Abstract

The aim of this study was to evaluate the environmental and economic advantages of implementing the Cleaner Production in a plastic manufacturing company in the closed-loop recycling of polymers. The research methodology was qualitative single case study, developed through semi-structured interviews and participant observation and quantitative through Wuppertall method to evaluate the environmental gains. The results of the research show economic and environmental advantages fairly representative.

Keywords: Cleaner Production, Polymer Recycling, Environmental Advantage, Advantage economical