



Study of the Appropriateness of the Plastics Industry in the State of Goiás to Integrated Management Actions of Post-Consumer Waste

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Abstract

This article aims to report the study to learn about the actions of adequacy of plastic Industry in Central Goiás State, Brazil the Brazilian solid waste policy (PNRS). This study involved a survey of statistical data of the plastics industry, bibliographic research and documentary analyses, being characterized as an exploratory qualitative study. Through the interview was identified by the Union of industries of the State of Goiás plastic Material (Simplago) there are no effective action for the implementation of the PNRS for the sector, with the exception of educational actions. With the statistical analysis it was found that in Brazil 22% of plastic waste generated are intended for mechanical recycling and 13.5 percent of those go to dumps and landfills. There was also a trend in reduced production of plastic packaging in Brazil in recent years at the expense of packaging produced by other materials.

Keywords: *plastics industry, packaging, plastic recycling*