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Dissemination of Cleaner Production Tool In the Brazilian Public Universities

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Abstract

The chemical industry can be considered one of the most responsible for dispersion of toxic substances in the environment, due to nature and to the amount of residues generated along its productive processes. It is not enough to attenuate and control the pollutants of this industry, but preventing or minimizing their generating source. Cleaner Production (CP) is a good tool for environment management, mainly in small and medium-sized companies which are the majority in Brazil, and it is considered an option for economical and environmental benefits, which can be tangibles and intangibles. Case studies in the industrial sector are being carried out by universities or governmental institutions, observing that independently of the branch of performance of the companies, the chemical processes are the ones that receive greater attention. A bibliographical research was done to verify the dissemination of the concept of CP in Brazilian universities through academic works. These studies showed that entrepreneurs' awareness has been improved in relation to the environmental preservation. The digital libraries of public universities were accessed, concluding that Rio Grande do Sul, Santa Catarina and Bahia states concentrated 63% of the documents found up to 2006. The majority case studies were developed in chemical companies and they were from master dissertations.

Keywords: *Cleaner Production, chemical industry, Brazilian universities, case studies*
