



INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

"KEY ELEMENTS FOR A SUSTAINABLE WORLD: ENERGY, WATER AND CLIMATE CHANGE"

The Cleaner Production Applied to a Small Industry of the Furniture Sector: Economic and Environmental Efficiency

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Abstract

Applying the methodology of Cleaner Production promotes observation and assessment processes under the focus of the economy in the use of resources and minimizing waste generation. Thus, it is possible to reconcile the productive and economic efficiency with environmental performance. With the data collected in the furniture sector industry that have successfully implemented the practice of Cleaner Production, this article will present a case study on the approach discussing the results achieved by the company in relation to water consumption, consumption of electric energy, generation of waste from steel plate, generation of waste polymer and final destination of the waste industry. The aim is to demonstrate how Cleaner Production contributes to the sustainability of production processes, especially in small and medium enterprises.

Keywords: Cleaner Production, efficiency, small and medium enterprises.
