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ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION”

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## Cleaner Production Opportunities in Furniture Manufacturing Process Custom-Made: a Case Study of a Wardrobe

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### Abstract

This article aims to present cleaner production opportunities in furniture manufacturing process custom-made from a case study of a wardrobe. The method applied in this mapping was the UNIDO / UNEP for the implementation of Cleaner Production Programs from simplified model of the Clean Technology Network of Bahia report (Teclim), Polytechnic School of the Federal University of Bahia (UFBA). The results indicate significant production losses, that generated suggestions for improvement in the areas of planning, metal cutting, physical layout, safety, inventory of raw materials. Also identifies strategies to increase the eco-efficiency of processes and products in several orders of magnitude (factor 10). One is the creation and implementation of software to optimize the process of project design and budget.

**Keywords:** *cleaner production, furniture production, custom-made furniture, opportunities.*

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