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INTERNATIONAL WORKSHOP  
ADVANCES IN CLEANER PRODUCTION

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“CLEANER PRODUCTION INITIATIVES AND CHALLENGES FOR A SUSTAINABLE WORLD”

## Cleaner Production and Product Life Cycle Design of the Upholstered Furniture in the State of Alagoas, Brazil

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### Abstract

This paper presents some results concerning environmental and organizational aspects obtained from analysis of the manufacture processes of upholstered furniture in the Furniture Cluster in the State of Alagoas, Brazil. The methodology is based on concepts of Pollution Prevention and Cleaner Production. The data were collected through interviews with employees and direct observation in the local. The results indicate the need for advanced studies to identify possible changes in the product and / or in the development process of upholstered furniture of that cluster. The partial conclusions suggest a future application of Life Cycle Assessment on one of upholstered furniture to improving the manufacturing efficiency through the cleaner environmental practices.

**Keywords:** *cleaner production, product life cycle design, furniture production, upholstered furniture.*

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