



# Academic<sup>th</sup>

## INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION”

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### **Process Management to Obtain a Cleaner Production in Discrete Manufacturing**

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#### **Abstract**

In the national scene and the imminent presence of the water crisis in Brazil, it becomes mandatory to debate of environmental issues in the production environment as well as in its various sectors of activity. Human interference leads to a scarcity of natural resources caused, in most cases, poor management of these resources and the lack of proper management of waste generated in all processes. This article presents a case study of the implementation of a cleaner production methodology (CP) through the management processes of the existing workflows in a cleaning products company, aimed at implementing practical solutions to reduced consumption of water. These solutions, which include changes in the physical structure of the machines, alongside a joint work with the PPC and other areas involved, combining market strategies and productivity in order to reduce the setups of machines and use of water resources.

**Keywords:** *Sustainability, Cleaner, Water Resources Production.*

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