



## INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

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

### **Proposals for the Recovery of Waste Processing of Orange Juice**

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#### **Abstract**

The Brazil is the world's largest producer of oranges. Most of the Brazilian production, concentrated in São Paulo State, is for the juice industry. One of the main problems faced by industrial processing of orange juice is the large volume of solid and liquid waste produced. The present work proposes alternatives to the minimization and recovery of solid and liquid waste generated in the processing of juice, based on processing a large company in São Paulo State. The alternatives were proposed based on information and data from literature and the concepts of clean technologies.

*Keywords: Recovery of waste; orange peel; by-products.*

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