



10th INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“TEN YEARS WORKING TOGETHER FOR A SUSTAINABLE FUTURE”

Environmental Sustainability and Lean Production: A Case Study

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Abstract

This research intends to address, in a preliminary way, the possibility of integrated implementation of environmental sustainability and lean production practices, considering the roles of such practices in the company's operations strategy. It examines the case of a subsidiary of a multinational company inserted in a highly competitive and dynamic environment and operating in several market segments (security, automotive products, electrical products and graphic communication). The research had as objective to verify how the environmental sustainability is inserted in a strategy of operations guided by the lean production. For this, the research methods were used: exploratory bibliographic review and case study. The results of the research show that environmental sustainability has been considered in the decisions oriented to the implementation of lean production practices in the company, but, in the managers' view, the integration of the practices can be quite laborious.

Keywords: *Environmental Sustainability; Operations Strategy; Lean Production.*