



10th INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“TEN YEARS WORKING TOGETHER FOR A SUSTAINABLE FUTURE”

Proposal for a preliminary model of integrated product development oriented to production activities

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Abstract

This work was directed from a study of the phases of the development cycle of PDP and PDIP models, and of works that approached the integration of the manufacture to the development of products. It was verified that the integration of the manufacturing to the PDIP presents gaps, mainly in the phase of production, since the majority of the works are focused in the stages of design and do not consider the complete cycle of development of the product. Therefore, the objective of this work was to propose a preliminary model of integrated product development oriented to production activities throughout the product life cycle. The proposed model presents three phases and seven stages, where each stage has specific activities integrated with the production. As a next step, the model will be tested in Multiuse Goods Not Consumers of clothing products belonging to the fashion corridor, located in the state of Paraná.

Keywords: *Integrated Product Development Process; Project; Manufacturing, Cleaner Production, Concurrent Engineering.*
