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INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

Innovation and Life Cycle Assessment in the Sustainable Context

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Abstract

The intense competition encourages organizations to innovate to remain active and competitive in the current market. Furthermore, due to the importance that the environmental issue has gained in the current set, the sustainable development encourages the use of environmental management tools in order to reduce the impacts caused by products. One of available tools that can help in this aspect is the Life Cycle Assessment (LCA) which encompasses all stages of the product life cycle. In this sense, this article presents the role that technological innovation together with LCA plays in Sustainable Development. For this proposal has been made a theoretical research about Sustainability, Innovation and LCA. Was observed that the LCA and Innovation when integrated tread a path towards a production more attentive to environmental issues and collaborate on sustainable development, because while that technological evolution achieves economics benefits, the LCA indicates the route that causes the least impacts.

Keywords: *Sustainable Development, LCA, Technological Innovation, Social Responsibility.*

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