



# Academic<sup>th</sup>

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ADVANCES IN CLEANER PRODUCTION

“CLEANER PRODUCTION TOWARDS A SUSTAINABLE TRANSITION”

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## Lean Maintenance: Perspective of Competitive and Sustainable Manufacturing

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### Abstract

This article focuses on the integration of operations management processes and with the paradigm of Lean Maintenance, specifically models of production systems in the context of a competitive and sustainable manufacturing. The research method is based on a critical analysis of the literature using two complementary approaches. The research also has shown that adopting the paradigm "Lean Maintenance" in businesses and organizations is still in its embryonic state; however our results suggest that the implementation of the paradigm "Lean Maintenance" can act as a catalyst for operational performance, i.e. making competitive and sustainable manufacturing, especially providing synergy to corporate sustainability. It is important to note that this research will be the basis for a more detailed for medium and small project.

**Keywords:** *Environmental, Operations, Production, Sustainability.*

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