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INTERNATIONAL WORKSHOP  
ADVANCES IN CLEANER PRODUCTION

“INTEGRATING CLEANER PRODUCTION INTO SUSTAINABILITY STRATEGIES”

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## **Development of Industry Sugarcane in Mato Grosso do Sul State: Impacts and Benefits of the Production Energy from Cane Sugar Farming**

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### **Abstract**

This study analysis the production of the bioenergy from the benefits and environmental and social impacts of the supply chain of sugar and ethanol. Thus, it was analyzed papers and data about scenario of Mato Grosso do Sul State, considered the fifth largest producer of ethanol from Brazil. Data are showed regarding the production and productive process discussed from the viewpoint of production cleaner. The research results showed that the benefits have been measured and presented as a great alternative to fossil fuel, however has not the systems and data that measure the environmental impact of these plants in Mato Grosso do Sul State, mainly regarding the heating region.

**Keywords:** *Sugarcane industry. Bioenergy. Clean Production. Environmental Impacts.*

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