

# **Socio-economic impacts caused by the expansion of the bioenergy sector in the state of Mato Grosso do Sul: a case-study of the municipalities of Nova Alvorada do Sul and Rio Brilhante**

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This paper seeks to identify the socio-economic impacts spawned by the expansion of the sugarcane sector in Nova Alvorada do Sul and in Rio Brilhante, both located in the state of Mato Grosso do Sul, in Brazil and to verify if these impacts have contributed to the development of these cities. The municipalities of Nova Alvorada do Sul and Rio Brilhante were chosen because they are areas of strong growth of sugarcane in the state, and because there are no other industries of significant size there, in order to highlight the impact of the installation of the sugarcane, sugar and ethanol sectors. The impacts are herein evaluated on the following aspects: status of the local labor market, farming families, regional income, local market status, tax collection. The methodology includes secondary and primary data analysis. The primary data was gathered through interviews and visits to various public and private representatives along with other stakeholders during a field study to Nova Alvorada do Sul and Rio Brilhante. The results have registered the following aspects: positive job creation and increased income, boosting the local market, no conflicts within family farming, as this created job opportunities for them and significant growth in municipal tax collection. Therefore, the conclusion is that the installation of the sugarcane sector within this municipalities contributed to the socio-economic improvement of Nova Alvorada do Sul and Rio Brilhante.

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