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Clean Development Mechanism (CDM): Prospects for Production of Bioelectricity by the Brazilian Sugarcane Industry

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Abstract

The Bioelectricity is the most recent and promising product of Brazilian agribusiness. The new activity, the importance of which was recognized in recent years in the Brazilian scenario, is far removed from conventional industry standard for production, ie, requires new forms of knowledge and management before little used, especially in agricultural industry. Thus, through an exploratory research this paper aimed to identify the current situation in the Brazilian cogeneration plants identifying the potential for energy generation from all Brazilian plants and possible opportunities for creation of certificates for Clean Development Mechanism projects in the sector. As conclusions can be observed that the current technological capacity to generate bioelectricity from sugarcane bagasse is in the initial stage, but with potential to increase installed capacity.

Keywords: CDM, sugarcane industry, sustainability, biomass, energy, cogeneration
