



INTERNATIONAL WORKSHOP ADVANCES IN CLEANER PRODUCTION

"KEY ELEMENTS FOR A SUSTAINABLE WORLD: ENERGY, WATER AND CLIMATE CHANGE"

Clean Development Mechanism (CDM) Projects and Generation of Clean Technologies in Brazil

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Abstract

One of the Kyoto Protocol's innovations was stipulating mechanisms that aim at the cooperation among countries to mitigate the climate change. Only the Clean Development Mechanism (CDM) makes the participation of developing countries possible. The article's goal is to evaluate the contribution of Brazilian CDM projects related to the Energy Industries for the generation of clean technologies. From the analysis of the 37 projects that had received carbon credits up to 2007, it is possible to conclude that this contribution remains incipient: only 3% of them could be characterized by the development of clean technologies focused on cleaner production. Thus, considering that clean technology and cleaner production are the most adequate environmental strategies to reach a sustainable development, it is not possible to affirm that these 37 Brazilian CDM projects are effectively contributing for this target. So, the analysis of the Brazilian projects related to the Energy Industries reveal that, at least in Brazil, CDM is far from achieving the fundamental purpose of minimizing the global warming via the stimulation of a cleaner development model relied on the cooperation among countries.

Keywords: Clean Development Mechanism (CDM), Clean Technologies, Cleaner Production, Brazilian Energy Industries.
