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Verification of Outcomes from Carbon Market Under the Solid Waste Sector

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Abstract

The paper addresses the verification of outcomes from Clean Development Mechanism (CDM) in landfills. Our research focuses on the São Paulo Metropolitan Area and outlines six CDM projects: Bandeirantes, São João, Caieiras, Itapevi, Pedreira, and Lara. 23 indicators are proposed, organized in the social and environmental dimensions. The process of construction of indicators was participatory, taking into account also the validation by experts, through the Delphi technique. Those dimensions are subdivided into five themes: participation, emphasizing the participation of associations and cooperatives surrounding landfills; articulation among agents involved, which have different interests; benefits, focusing on the CDM application for solid waste sector (especially waste pickers cooperatives and technology transfer); environmental quality monitoring, highlighting the issue of odor; and gas emissions monitoring related to the efficiency of biogas capture system. The aforementioned results corroborates the relevance of the indicators developed based on interdisciplinary and multi-agent approaches, considering the different stakeholders.

Keywords: *co-benefits indicator, Clean Development Mechanism, landfill.*
