



Alternativas de producción más limpia en calidad del aire para el sector alfarero, Sogamoso (Boyacá) [

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Analítica

ABSTRACT Introduction: Cleaner production is a preventive and integrated environmental strategy in production processes, products and services, to reduce risks to humans and the environment. An activity that requires the formulation of this type of alternative is pottery production, since its dynamics generate effects in the atmosphere. Objective: To formulate cleaner production alternatives in air quality for the pottery sector of the Pantanitos district, Sogamoso-Boyacá. Materials and Methods: Data were verified in the field to elaborate a process diagram and a structured survey was applied on legal, technical, technological, financial and environmental aspects. For the formulation of the cleaner production program, an analysis matrix was prepared with strategies to prioritize viability for the sector. Results: 1 hive type oven and 55 conventional ovens were registered, with characteristics of family economy. Strategies oriented to technological management, participation in national, regional and local government programs, sustainable consumption, environmental self-management, tax benefits, optimization and improvement of business processes, environmental certifications and financing lines were identified as base tools for program formulation. Cleaner production, considering the technical, economic, financial and environmental potential. Conclusions: Technological management, environmental self-management, tax benefits and financing lines are the strategies included in the cleaner air quality production program based on projects, goals and objectives that present viability for the pottery sector of the Pantanitos district, Sogamoso-Boyacá

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