Innovation and Cleaner Production: The MONGEE SYSTEM – GREEN GASES TRACKING INFORMATION SYSTEM

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Abstract

Monitoring greenhouse gases information on the North Santa Catarina Plateau, at Brazil South Region, aims ensure the timber industry to share relevant and accurate information supporting positive environmental actions in an increasingly competitive export focused market. With this in mind, the deployment of an Information Management System based on Artificial Intelligence and Ontologies intends to support the process management of cleaner production to be implanted, assists and accelerate decision-making with regard to best practices on environmental management at the regional forestry activities. An intelligent storage and retrieval information system for cleaner production management at the timber industry will allow innovative technology results, integration the production chain through the use of a knowledge database in addition encouraging the establishment of an integrated management model for the industry focused on the uniform growth of the chain and improvement in environmental management.

Keywords: Intelligent Systems, Monitoring, Green Gases Effect, Environment, Cleaner Production.