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“CLEANER PRODUCTION FOR ACHIEVING SUSTAINABLE DEVELOPMENT GOALS”

Greenhouse Gas Inventory of the State of Sonora, México

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Abstract

In the last decades, as part of the urgency of solving environmental problems, several agreements have been generated regarding the reduction of Greenhouse Gases (GHG) (Diamantoudi and Sartzetakis, 2006). The United Nations Framework Convention on Climate Change (UNFCCC) together with the Intergovernmental Panel on Climate Change (IPCC for its acronym in English) seek the stabilization of GHG emissions with respect to the pre-industrial era (Duarte, 2006). The Paris Agreement in 2015 established GHG reduction targets for developed countries and committed them to financially support developing countries (Martínez, 2017). However, the commitments of the nations involved in taking strategic measures to reduce the generation of GHG are still insufficient to minimize climate change (La Jornada, 2017). The main objective of this work is to show the results and experiences obtained during the creation of an inventory of greenhouse gases for the State of Sonora, Mexico and expose the limitations in the generation of this type of inventories.

Keywords: Greenhouse Gases Inventories, Climate Change