

# **'PRODUKSI BERSIH' DAN 'MODEL KERJASAMA' SEBAGAI UPAYA MITIGASI EMISI GAS RUMAH KACA PADA SEKTOR INDUSTRI**

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## **Abstract**

Global warming has seized the world's attention will be growing even larger in the future considering the consequences of it. UNO, through environmental program UNEP (United Nations Environment Programme) and the World Meteorological Organization (World Meteorological Organization, WMO) formed the Intergovernmental Panel on Climate Change (IPCC) in 1988 to examine and analyze issues emerging science. Since 1990, every five or six years the IPCC has issued reports related to science through observation and prediction to determine the trend in the future. The conclusions that can be described are one of the strategic ways to protect the atmosphere is to control the use of natural resources. Increasing number of both large and medium industries in order to meet consumer needs for industrial products is contributing to increased emissions of greenhouse gases (GHG) emissions from industrial processes. To meet international standards for the environment, using the GHG Emission Standard, Indonesian follows the IPCC (Intergovernmental Panel on Climate Change) guidelines. In applying these standards in the steel, chemical, aluminum and cement in Indonesia has two options: firstly, replacing old technology with new technology that GHG emissions is small, the second, modifies or adds equipment that reduce GHG emissions. This type of cooperation corresponding to the four types of industries (chemical, steel, cement and aluminum) are complementary models, simultaneous agreement model can be complete each other. Furthermore, various agreements between countries can be done through a variety of mechanisms. In addition, we need to realize the importance of industrial processes and 'clean production', as this can increase the efficiency of use of raw materials, energy, prevent or replace the use of hazardous materials and toxic, reducing the amount and toxicity levels of all emissions and wastes before leaving the process. Clean production was essentially aimed at reducing the environmental impact throughout the product life cycle, from raw material collection to final disposal after the product was not used. Finally, community participation, industrialists, and government jointly required because it is the most effective measure in mitigating the effects of greenhouse gases.

**Keywords :** emissions, production, agreement, industry.

## **A. Pendahuluan**

### **A.1. Latar Belakang**

Pemanasan global telah menyita perhatian dunia bahkan akan semakin

bertambah besar dimasa yang akan datang mengingat akibat yang ditimbulkannya.

UNO, melalui program lingkungan UNEP (United Nations Environment Programme)