

GGGI Thailand: Fact Sheet

Industry GHG Reduction to Support the Implementation of Thailand's Climate Change Master Plan

Challenges

With rapid economic growth rate over the past three decades, Thailand has been lifted out of poverty. Growth has however come with corresponding increases in energy demand, natural resources depletion, and greenhouse gas (GHG) emissions. Increased industrial development and use of motorized transport have resulted in significant increases in energy consumption, which mostly comes from carbon based fossil energy sources. Coupled with the effects of climate change, this economic growth, therefore, has come at a cost to Thailand's environment in the form of:

- Water shortage, and drought
- Increased flooding
- Air pollution
- Severe coastline erosion

Activities

Recognizing these challenges, the Royal Thai Government (RTG) is taking steps to mitigate climate change. The Climate Change Master Plan, developed for the period of 2014-2050, is one of the RTG's key initiatives and aims to lead the country to a Low Carbon Society by 2050 by reducing GHG emissions within a sustainable growth framework. GGGI is supporting the RTG to achieve this goal through technical assistance in the development of industrial sector GHG reduction strategies for GHG that complement the Climate Change Master Plan. GGGI's support under the project includes:

- Developing GHG reduction roadmaps for the country's industrial sectors with special focus on the automotive parts, palm oil and frozen food sub-sectors

- Identifying potential GHG reduction measures and technologies, and conducting technological and economic analysis
- Enhancing capacity and coordination within RTG and the private in order to conduct GHG inventories, emission projections, and economic impact assessments of mitigation measures on the selected sub-sectors

Overall Goals

- Assist the implementation of the Climate Change Master Plan through the development of a GHG reduction roadmap in three industrial sub-sectors of the Thai economy

Implementing Partners

- Office of Natural Resources and Environmental Policy and Planning, Ministry of Natural Resources and Environment

Contributing Partners

- Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) – Germany

Results to Date

- Conducted GHG analysis in close consultation with stakeholders to finalize and select the three industrial sub-sectors
- Successfully organized a technical workshop to exchange experiences and knowledge in support of roadmap development and industrial green growth

General Information

GGGI is a new intergovernmental organization founded to support and promote a new model of economic growth known as “green growth.” Green growth targets key aspects of economic performance such as poverty reduction, job creation, and social inclusion, and those of environmental sustainability.

Headquartered in Seoul, Republic of Korea, GGGI also has representation in a number of other partner countries.

- **Member Countries:** Australia, Cambodia, Costa Rica, Denmark, Ethiopia, Fiji, Guyana, Indonesia, Jordan, Kiribati, Republic of Korea, Mexico, Mongolia, Norway, Papua New Guinea, Paraguay, Philippines, Qatar, Rwanda, Senegal, United Arab Emirates, United Kingdom, Vanuatu, Vietnam
- **Operations:** Cambodia, China, Colombia, Ethiopia, Fiji, India, Indonesia, Jordan, Kazakhstan, Mexico, Mongolia, Morocco, Peru, Philippines, Rwanda, South Africa, Thailand, United Arab Emirates, Vanuatu, Vietnam