

Planning and
Management
Team

- Administrative and operational support
- International cooperation

GHG
Mitigation
Research
Team

- National and sectoral GHG mitigation target setting
- Research on setting allocation cap

GHG
Inventory
Management
Team

- Comprehensive management of national GHG statistics
- Establishment and operation of National GHG System(NGMS) for Greenhouse Gas and Energy Target

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GREENHOUSE GAS INVENTORY & RESEARCH CENTER of KOREA

International Cooperation

Legal Status : Affiliated Institute of Office for Government Policy Coordination Prime Minister's Secretariat

Article 45 of 「Framework Act on Low Carbon Green Growth」

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Office for Government Policy Coordination
Prime Minister's Secretariat
Greenhouse Gas Inventory and Research Center of Korea

Introduction

About GIR

Greenhouse Gas Inventory & Research Center of Korea(GIR) was established on June 15th, 2010 under the 「Framework Act on Low Carbon Green Growth」. GIR, a government institute affiliated to the Office for Government Policy Coordination, serves as a think-tank on GHG inventory & mitigation.

The key functions of GIR are managing national GHG inventory, supporting the establishment of national & sectoral GHG reduction targets, and conducting research on GHG mitigation modeling. In order to share Korea's experiences and support capacity-building for other developing countries, GIR has carried out international cooperative projects including International Modeling Conference (IMC), Cooperative Green Growth Modeling Forum(C2GMF) and GHG training program annually.

Achievement of GIR

- 2016 Apr** Inaugurated Dr. Yong-gun Kim as the 2nd president
- Jun** Transferred from the Ministry of Environment(MoE) to the Office for Governance Policy Coordination
- 2015 Jun** Supported submitting INDC(Intended Nationally Determined Contribution) to the UNFCCC
- 2014 Mar** Signed MOU with HSRI(Hydrometeorology Scientific Research Institute) of Azerbaijan
- Dec** Supported submitting 1st Biennial Update Report to the UNFCCC
- 2013 Nov** Signed MOU with LBL(Lawrence Berkeley Laboratory) in the USA
- 2012 Aug** Signed MOU with UNEP
- 2011 Mar** Held 1st Steering Committee meeting of C2GMF
- Jun** Held 1st GIR GHG training program
- Nov** Signed MOU with IIASA(International Institute for Applied Systems Analysis)
- Dec** Supported submitting 3rd National Communications to the UNFCCC
- 2010 Jun** Established GIR affiliated to the MoE
- Jun** Held 1st International Conference on Post-Kyoto Climate Change Mitigation Modeling
- Sep** Inaugurated Dr. SeungJick Yoo as the 1st president

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Realization of Global GHG Think-Tank



5 Core Functions

- Operation of a world-class national GHG management (MRV) system
- Supporting Greenhouse Gas and Energy Target Management System(TMS) and Emissions Trading Scheme(ETS)
- Supporting setting national and sectoral GHG mitigation targets
- Research on national and international GHG mitigation actions
- Enhancement of international cooperation for global climate mitigation.

Cooperative Green Growth Modeling Forum (C2GMF)

The 23 member countries are working hand-in-hand

C2GMF is a voluntary low-carbon development platform for sharing national GHG policies, inventory and mitigation potential analyses through joint research. Starting from 8 countries in 2011, C2GMF has been expanded to 23 participating countries* from non-Annex I Parties under the UNFCCC.

* Argentina, Azerbaijan, Bangladesh, Cambodia, DR Congo, Egypt, Ghana, Guatemala, Indonesia, Jordan, Kenya, Laos, Malaysia, Mexico, Mongolia, Mozambique, Nepal, Pakistan, Peru, Sri Lanka, Thailand, Vietnam, Korea

C2GMF published 3 joint research reports in GHG mitigation policy and mitigation potential analysis of the transport, power generation, building and waste sector.



GIR GHG Training Program

The trainees from 52 countries are actively engaging in the climate change field

Since 2011, this 4-week intensive program has been operated to support government officials and researchers from developing countries by training GHG inventory compilation and mitigation modeling with diverse lectures and hands-on exercises. So far, 228 trainees from 52 countries successfully completed the program and have been contributing to their own countries in responding to climate change. GIR has been constantly trying to improve the quality of program in order to satisfy the growing needs of developing countries

<Eligibility>

- Current government officials, researchers, or consultants in the field of GHG mitigation or climate change response
- Individuals who are recommended by embassies or C2GMF members
- Education : a graduate-level or higher academic course
- Language : understanding lectures and giving presentations in English are necessary

International Modeling Conference (IMC)

The 1300 supports have been gathered or climate change mitigation

The IMC is a place for national and international experts to share the latest knowledge and experience on GHG mitigation modeling and climate change policies with the general public. Nearly 1300 people over 30 countries in various sectors have attended IMC since 2011.

