



Ministry of Environment
Greenhouse Gas Inventory and
Research Center of Korea

Concept Notes and Agenda

Side Event at the 26th UN Climate Change Conference of the Parties 2021 (COP26) on Advancing Greenhouse Gas Inventory Systems

Date: 10am – 11:30am, Tuesday, 9 November 2021
Venue: Korea Pavilion of COP26, Glasgow, United Kingdom

Organized by the United Nations Office for Sustainable Development (UNOSD) of the UN Department of Economic and Social Affairs (UN DESA) and the Greenhouse Gas Inventory and Research Center of Korea (GIR) of the Ministry of Environment (MoE) of the Republic of Korea

1. Background

The 2030 Agenda for Sustainable Development is the fundamental framework for the Sustainable Development Goals (SDGs) including SDG 13 (Climate Action) that urges the Member States to take action to mitigate climate change and adapt to its impacts as climate crisis affects lives everywhere. The “Global Warming of 1.5°C”, a special report published by the Intergovernmental Panel on Climate Change (IPCC) presents an important mitigation roadmap for the governments to limit the global temperature rise by 1.5°C and achieve carbon neutrality by 2050 to prevent irreversible damages from climate change¹. The recently released IPCC Working Group I sixth assessment report shows that the world will probably reach or exceed 1.5°C of warming within just the next two decades². Despite the adverse impacts of the global pandemic on the world economy, climate change is still on its way making 2020 one of the warmest years on record³. Hence, the urgent call for action on reducing carbon emissions as a response to climate emergency is growing greater than ever.

In this context, UNOSD has played an active role in the capacity building of countries in the Asia-Pacific Region and beyond to tackle climate change issues and enrich governments’ mitigation tools by hosting a series of Greenhouse Gas (GHG) Inventory System Training Workshops since 2018. A national greenhouse gas inventory is a valuable tool for accumulating and managing national carbon emissions data and serves as a cornerstone of the Nationally Determined Contributions (NDCs). Consequently, the inventory provides evidence-base for the purpose of understanding development trends, improving resource management and energy efficiency, and developing policies and programmes to address climate change.

During the 26th UN Climate Change Conference of the Parties (COP26), UNOSD will organize a side event which focuses on developing and managing greenhouse gas inventory system as an extension of UNOSD's GHG Inventory System Training Workshop. The event will incorporate presentations from the countries on their experiences, best practices, and lessons learned on utilizing the GHG inventory system as a means to accelerate progress for achieving carbon neutrality and SDG 13 (Climate Action).

2. Objectives

The objectives of the side event are to provide a platform for policy dialogue and knowledge sharing through presentations and discussions on developing, managing, and utilizing national GHG inventories for the implementation of SDG 13. The workshop is expected to have the following outcomes:

- Developing capacities of country representatives, policymakers, practitioners, and experts on the 2030 Agenda and the SDGs with a special focus on SDG 13;
- Facilitating the implementation of greenhouse gas inventory system in different countries and understanding related policies and methodologies toward enabling environment of greenhouse gas reduction; and

¹ https://www.ipcc.ch/site/assets/uploads/sites/2/2019/06/SR15_Full_Report_High_Res.pdf

² IPCC AR6 Climate Change 2021: The Physical Science Basis, <https://www.ipcc.ch/report/ar6/wg1/>

³ UN Secretary-General Antonio Guterres's 2021 New Year's video message <https://www.un.org/sg/>

- Exchange of experiences and lessons learned on addressing climate change issues through national GHG inventories and NDCs and advancing networks among participating organizations, countries, and regions to promote the implementation of the SDGs and Climate Action.

3. Participants

The side event will gather country representatives, government officials, policymakers, experts, and stakeholders who are attending the 26th UN Climate Change Conference of the Parties (COP26) being held from 1 to 12 November 2021 in Glasgow, United Kingdom. The event will also be live streamed online to engage more participants in a hybrid format.

4. Agenda

Agenda (Tentative)	
Tuesday, 10am – 11:30am, 9 November 2021	
Time	Content
10:00-10:10	Opening Remarks <ul style="list-style-type: none"> • Mr. Chun Kyoo Park, Head of Office, UNOSD
10:10-10:20	Welcoming Remarks <ul style="list-style-type: none"> • Mr. Dong-hyuk Shin, Researcher, Greenhouse Gas Inventory and Research Center of Korea (GIR)
10:20-11:10	Country Experiences on the Development and Management of Greenhouse Gas Inventory System Speakers <ul style="list-style-type: none"> • Mr. Kiatchai Maitriwong, Executive Director, Thailand Greenhouse Gas Management Organization • Dr. Sanghamitra Adhya, Associate Professor, Kalyani College, India (online) • Mr. Antonio Urrutia, Director of Climate Change, Directorate of Climate Change, Guatemala (interpretation by Ms. Jenny Vasquez) • Ms. Moonjung Kim, Environmental Researcher, GIR Korea (online)
11:10-11:30	Q&A and Discussion Moderator <ul style="list-style-type: none"> • Ms. Yujeong Kim, Senior Development Management Expert, UNOSD

5. Organizers

This event is organized by the United Nations Office for Sustainable Development (UNOSD) of the UN Department of Economic and Social Affairs (UN DESA) and the Greenhouse Gas Inventory and Research Center of Korea (GIR) of the Ministry of Environment (MoE) of the Republic of Korea.

6. Formality

The side event will be held in a hybrid format in which live streaming service will be provided to the online participants via Webex and Youtube.