

# Preparation of Korea's BTR

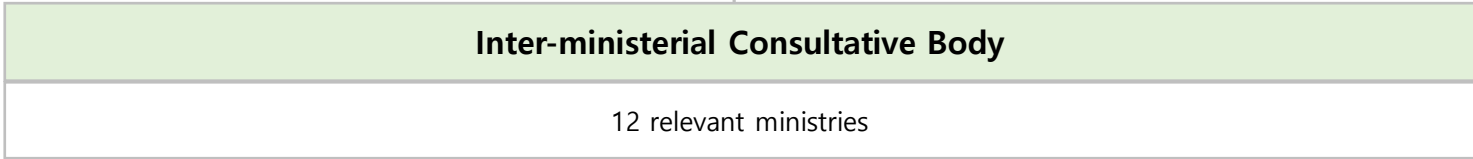
: Implementation System, Guideline and Direction,  
Limitations and Implications

2024.09.24



Greenhouse Gas Inventory and Research Center of Korea,  
Ministry of Environment

# Implementation System



**Inter-ministerial Consultative Body**

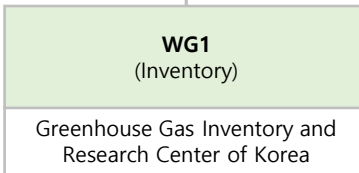
Establishment of inter-agency collaboration system, report preparation and progress of BTR, discussion of key issues

**Working Group**

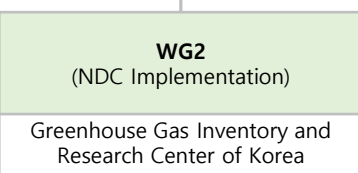
Composition of relevant ministry officials and experts for each sector:  
 Chapter 1 - National Greenhouse Gas Inventory  
 Chapter 2 - NDC Implementation  
 Chapter 3 - Climate Change Adaptation  
 Chapter 4 - Support for Developing Countries and BTR Preparation

**Editorial Committee**

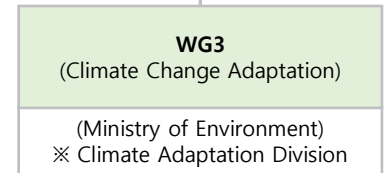
Establishing a group of experts with specialized knowledge to review the overall structure and direction of BTR



- Office for Government Policy Coordination
- Ministry of Agriculture, Food and Rural Affairs
- Ministry of Trade, Industry and Energy
- Ministry of Environment
- Ministry of Land, Infrastructure and Transport
- Ministry of Oceans and Fisheries
- Statistics Korea
- Rural Development Administration
- Korea Forest Service



- Office for Government Policy Coordination
- Ministry of Agriculture, Food and Rural Affairs
- Ministry of Trade, Industry and Energy
- Ministry of Environment
- Ministry of Land, Infrastructure and Transport
- Ministry of Oceans and Fisheries
- Rural Development Administration
- Korea Forest Service
- (Ministry of the Interior and Safety)
- (Ministry of Science and ICT)



- Office for Government Policy Coordination
- Ministry of Education
- Ministry Science and ICT
- Ministry of the Interior and Safety
- Ministry of Agriculture, Food and Rural Affairs
- Ministry of Trade, Industry and Energy
- Ministry of Health and Welfare
- Ministry of Land, Infrastructure and Transport
- Ministry of Oceans and Fisheries
- Korea Heritage Service
- Rural Development Administration
- Korea Forest Service
- Korea Disease Control and Prevention Agency
- Korea Meteorological Administration
- Financial Services Commission



- Office for Government Policy Coordination (ODA General Coordination)
- Ministry of Strategy and Finance
- Ministry of Foreign Affairs
- Ministry Science and ICT
- Ministry of Trade, Industry and Energy
- Ministry of Oceans and Fisheries
- Korea Forest Service

# Guideline and Direction

## ○ Approach

Transparently provide to the international community the information of Korea's carbon neutrality systems and policies, as well as areas of good practices, through inter-ministerial collaboration

## ○ Table of Contents

### **I. National Greenhouse Gas Inventory Information**

### **II. Information for Tracking Progress in Implementing and Achieving NDC**

1. National Circumstances and Institutional Arrangements
2. National Greenhouse Gas Reduction Target
3. Mitigation Policies and Measures
4. Projections of Greenhouse Gas Emissions and Removals

### **III. Climate Change Impacts and Adaptation**

1. National Circumstances and Institutional Arrangements
2. Climate Change Impacts and Risks
3. Climate Change Adaptation Strategies
4. Progress in Implementing Climate Change Adaptation

### **IV. Information on Support Provided and Mobilized for Developing Countries**

1. Finance
2. Technology Development and transfer
3. Capacity Building

### **V. Research and Systematic Information**

1. Research and Technological Development
2. Systematic Observation

### **VI. Education and Public Engagement**

1. Education and Human Resource Development
2. Information Dissemination and Public Participation

### **VII. Information Related to Flexibility**

1. Items Applying Flexibility
2. Capacity Constraints
3. Self-Improvement Schedule

### **VIII. Reporting Improvement Schedule**

1. Areas Needing Improvement
2. Improvement Measures and Strategies

### **Appendix**

1. National Greenhouse Gas Inventory Report (NIR)
2. Greenhouse Gas Inventory Summary ('96 IPCC Guidelines)
3. Common Tabular Format(CTF)

# Guideline and Direction

## ① National Greenhouse Gas Inventory

Previous NIR were calculated and managed according to the 1996 IPCC guidelines. However, with the upcoming submission of BTR, the information on GHG emissions and removals is now reported in accordance with the 2006 IPCC guidelines.

## ② NDC Implementation Information

### PaMs

Thoroughly explain the key policies included in the “Framework Plan for Carbon Neutrality and Green Growth (April 2023)”, and include as many quantitative achievements as possible

### Projection

Project emissions and removals up to 2040 based on ‘WM’, which are mandatory reporting items

## ③ Climate Change Adaptation

Presenting legal framework, policies, implementation systems for adaptation, results of adaptation policy implementation (central/local), and best practices in the adaptation field, based on reports previously submitted to the international community (such as adaptation communication reports)

## ④ Supporting Developing Countries

Although not mandatory, the status of support for developing countries in various areas, including GCF contributions, CTCN technical assistance, and UNFCCC CASTT program, would be shared

# Limitations and Implications

## Challenge

- A big amount of energy is spent on informing about what the BTR and ETF
- Extensive time is required for communication and consultation with relevant ministries, research institutes, and other key stakeholders (Limitations in collecting information from each ministry)
- Minimizing errors that may arise in the translation process from Korean to English

## Lesson learned

- Establishment of an institutional arrangement for preparing BTR
- The first inventory information report applying the 2006 IPCC guidelines (However, consistency between the inventory ('06) and NDC tracking ('96) must be ensured)
- For adaptation, BTR would contain more information than the previous AC
- For developing country support, this is the first report to comprehensively compile information on finance, technology, and capacity-building