

Northeast Asia Cooperation on Carbon Neutrality

2021. 11. 29

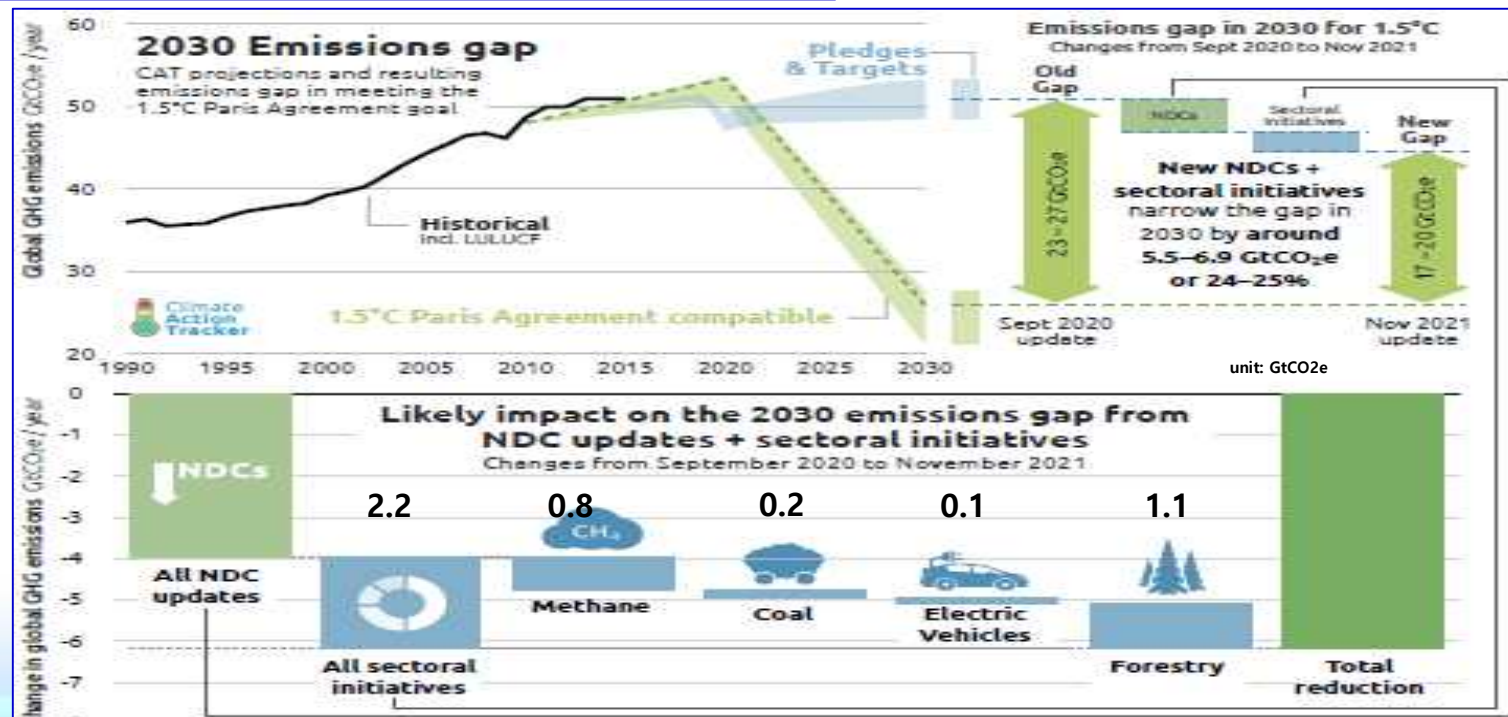
CHU Jangmin (sinoeco@kei.re.kr)

Global commitments for Carbon Neutrality

Key Outcomes by Glasgow COP26

- '2050 Net-zero Commitment(136 countries)', 'New 2030 NDCs(151 countries)', 'Glasgow Climate Pact', 'Glasgow Leaders' Declaration on Forests and Land Use(141 countries)', 'Global Methane Pledge(109 countries)', 'Commitment to phase out Coal-Fired Power', 'Declaration on accelerating the transition to 100% zero emission cars and vans', 'U.S.-China Joint Glasgow Declaration on Enhancing Climate Action in the 2020s', 'Beyond Oil and Gas Alliance Pledge'
- 'Commitment of Glasgow Alliance for Net Zero', 'Cities Race to Zero'

New 2030 Emissions Gap



note: The numbers in the below graph represent the estimated annual CO₂e reduction, edited by the author based on references
source: Climate Action Tracker(2021.11), "Glasgow sectoral initiatives currently close the 2030 emissions gap by 9%"

Regional Activities and National Commitments

Regional Activities

- TEMM, 'Activity on Climate Change of Tripartite Joint Action Plan'
- UNESCAP NEASPEC, 'NORTH-EAST ASIA LOW CARBON CITY PLATFORM(NEA-LCCP)'
- UNEP CCAC, 'Activity on Short-lived Climate Pollutants'

National Commitments of Korea, China and Japan

	Korea	China	Japan
2050/2060 Carbon Neutrality	2050 Carbon Neutrality Scenario(A/B)	Opinion in Carbon Peak and Carbon Neutrality	Green Growth Strategy Through Achieving Carbon Neutrality in 2050
2030 NDCs /Carbon Peak	40% cut from 2018 levels (CO₂eq net emission)	more than 65 % cut from 2005 levels (CO₂eq emission per unit of GDP)	46% cut from 2013 levels (CO₂eq net emission)

source: 2050 National Carbon Neutrality Committee of Korea(2021), '2050 Carbon Neutrality Scenario' and '2030 NDC update', Central Committee of Chinese Communist Party and State Council of China(2021), 'Opinion on the complete, accurate and comprehensive implementation of new development ideology to do well in carbon peak and carbon neutrality', State Council of China(2021), 'Carbon Peak Action Plan by 2030', Ministries and Agencies of Japan(2021), 'Green Growth Strategy Through Achieving Carbon Neutrality in 2050'.

KCJ Cooperation on Carbon Neutrality

Building & Enhancing Regional Cooperation of KCJ: 3 and 3+X Modality

[KCJ Cooperation Platform]

ROK-China-Japan Trilateral Summit

- Joint Declaration of Carbon Neutrality
- Permanent Agenda

Ministerial Meeting & 1.5 Track Dialogue

TEMM

TFMM

- Carbon Neutrality Activity in TEMM TJAP
- Carbon Neutrality Program in TFMM

Implementation

TEMM TDGM

TCS

[3+X Modality Cooperation Platform]

ASEAN Plus Three(APT) Summit

- Joint Declaration of Carbon Neutrality
- Permanent Agenda

Ministerial Meeting & 1.5 Track Dialogue

Environment MM

Energy MM

- Nature based Neutrality Program
- Energy Transition and Green City Program

Implementation

3+ASEAN Secretariat

KCJ Cooperation on Carbon Neutrality

Building & Enhancing Regional Cooperation of KCJ: 3 and 3+X Modality

CITIES RACE TO ZERO

The next decade will decide the future for humanity.

Cities can act today by joining Cities Race to Zero.

Delivering a green and just recovery to the COVID-19 crisis; creating strong, fair economies that serve everyone; and cutting greenhouse gas emissions quickly enough to limit global heating to the 1.5°C target of the Paris Agreement are one and the same thing. None are possible without the others. Success in all is the only way to prevent a catastrophic crisis. This conviction underpins the Cities Race to Zero effort, with the goal of recruiting 1,000 cities to the Cities Race to Zero, in support of the COP26 Roadmap of Local Governments and Municipal Authorities (LGMA) Constituency to the UNFCCC.

- **Carbon Neutrality Cities Program in East Asia(EA-CNCP)**
 - Linkage to 'Cities Race to Zero' Activity
 - Leading nature based carbon neutrality
 - Leading Transition to RE100
 - Leading Transition to 100% zero emission Vehicles

Joint Risk Management on Global Supply Chain

Building Information Exchange Channel on GSC Impacts from Carbon Neutrality Policy

- **Joint Risk Management of the carbon neutrality policy impacts on carbon-based bilateral and multilateral supply chain**
 - **Joint Investigation and Vulnerability Assessment on Impacts**
 - **Establishment and Operation of Hotline among relevant agencies**



감사합니다

谢谢

ありがとうございます

Thank you