



Japanese Efforts to Promote Subnational Climate Actions

1 March 2023

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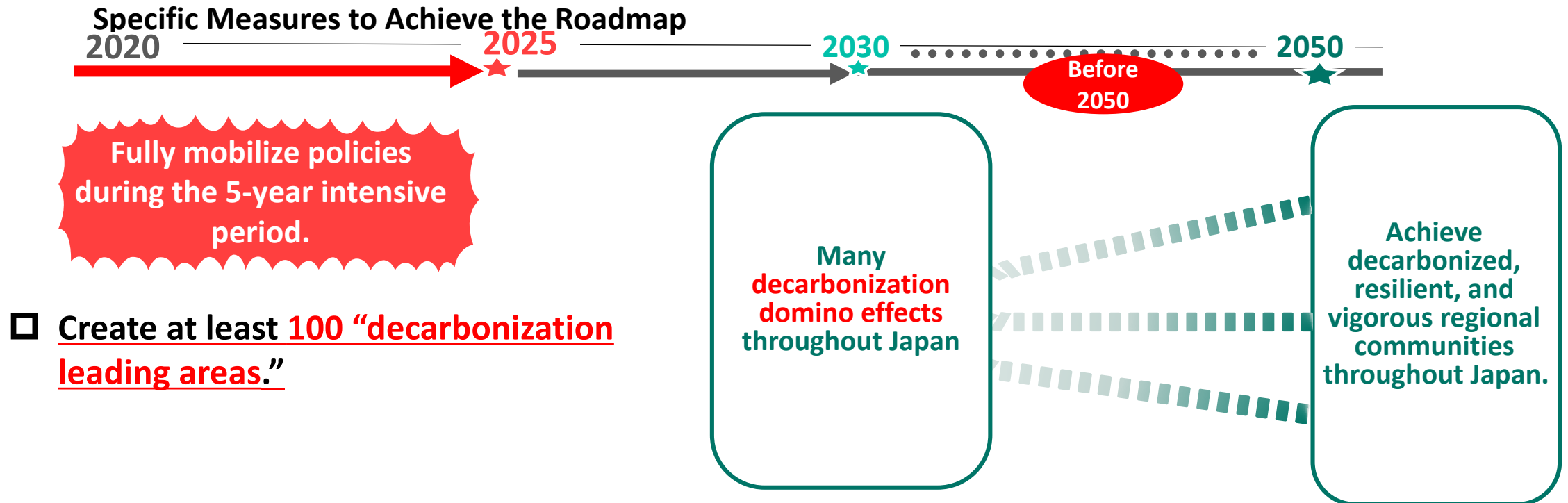
- To achieve **Carbon Neutrality in 2050** and a **46% Reduction of GHG in 2030**, the Roadmap was formulated on June 2021.

Key Message

- Regional decarbonization is a regional **growth strategy**.
- Decarbonization can simultaneously **address socio-economic challenges in the region** with the best use of regional resources, such as renewable energy.
- Every municipality can take initiatives and address current technologies (**best available technologies**).

Decarbonization Leading Areas

- Decarbonization Leading Areas aim to **achieve the goal of its decarbonization by FY2030.**
- **46 Decarbonization Leading Areas** were selected. Subsequently, MOEJ will call for applications will semi-annually until FY2025.



Create more than 100 Decarbonization Leading Areas (DLAs)

- Create **advanced models of decarbonization** in diverse areas such as urban, agricultural, and tourist areas

Biogas power generation from livestock manure (Kamishihoro Town, Hokkaido)



Biogas power generation facilities

Resource Recycling x Decarbonization (Maniwa City, Okayama)

Efforts in food and agriculture sector toward zero carbon

Scheduled to operate in 2024



Food waste recycling facilities

Operational capacity: 36,000kl/year

Production capacity of liquid fertilizer: 8,000 ton/year

Decarbonization of cities with heavy consumption of energy (Yokohama City, Kanagawa)



Coastal area including commercial facilities in Yokohama

Decarbonization of the Cultural Heritage of Ancient Kyoto (Kyoto City, Kyoto)



Fujinomori Shrine



Daigoji Temple

Develop regional implementation system and national support mechanism

- Human Resource (capacity development of local stakeholders and entrepreneurs)
- Technical knowledge sharing (RE potential, local economic analysis)
- Funds (investment for attracting private sector funding of decarbonization projects)

1. Subsidy for transition to regional decarbonization and renewable energy promotion

Subsidy to local governments which are keen to implement regional decarbonization measures
Budgets in 2022: **20 billion JPY (173 million USD)**

2. Japan Green Investment Corp. for Carbon Neutrality (JICN)

Financial support for corporations which implement decarbonization projects
Budgets in 2022: **20 billion JPY (173 million USD)**

- Pairing Japanese cities with partner cities abroad and promoting transfer of knowledge and experience for decarbonization in partnership with private solution providers.

<Cooperation activities>

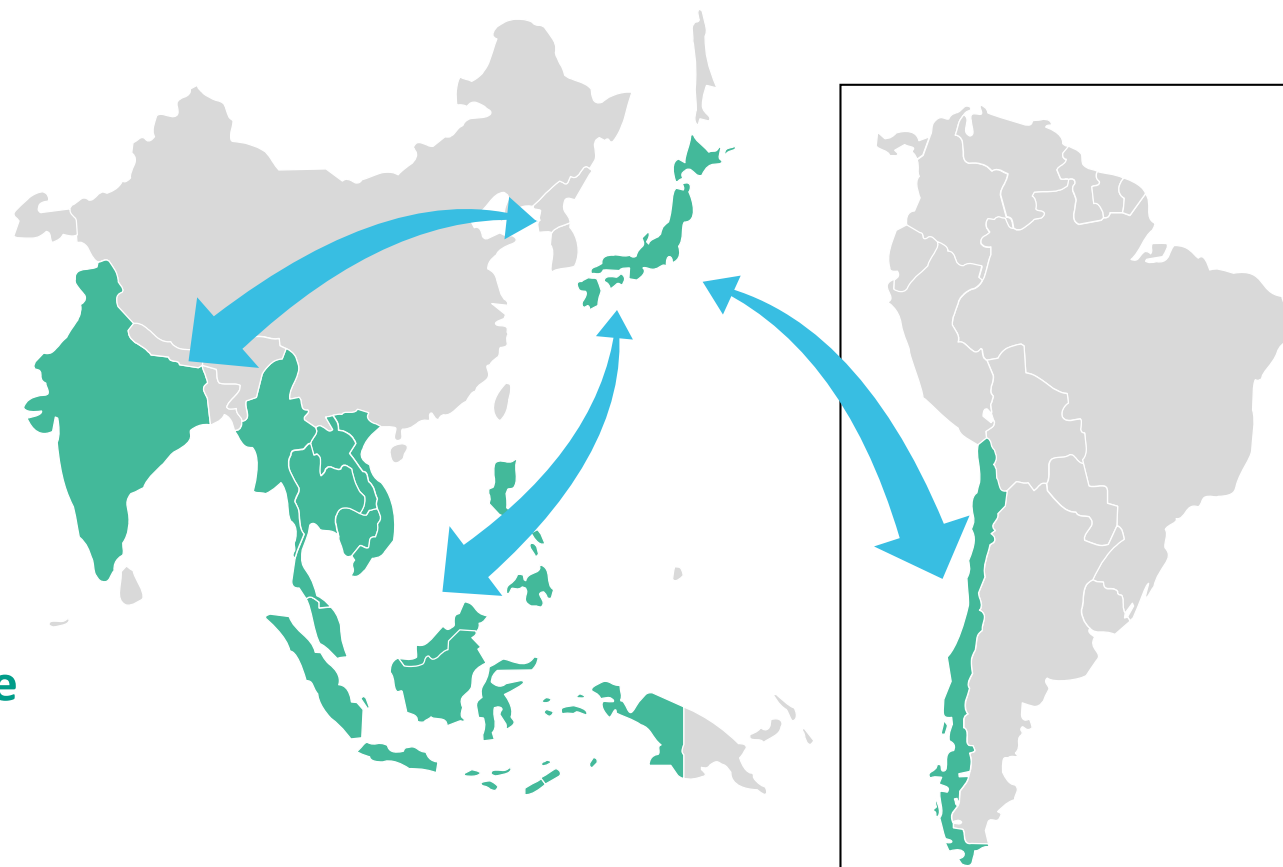
- Co-create low-carbon projects
- Support developing policies and plans to promote climate actions
- Build capacity for government staff
- Raise awareness of stakeholders



<Expected outcomes>

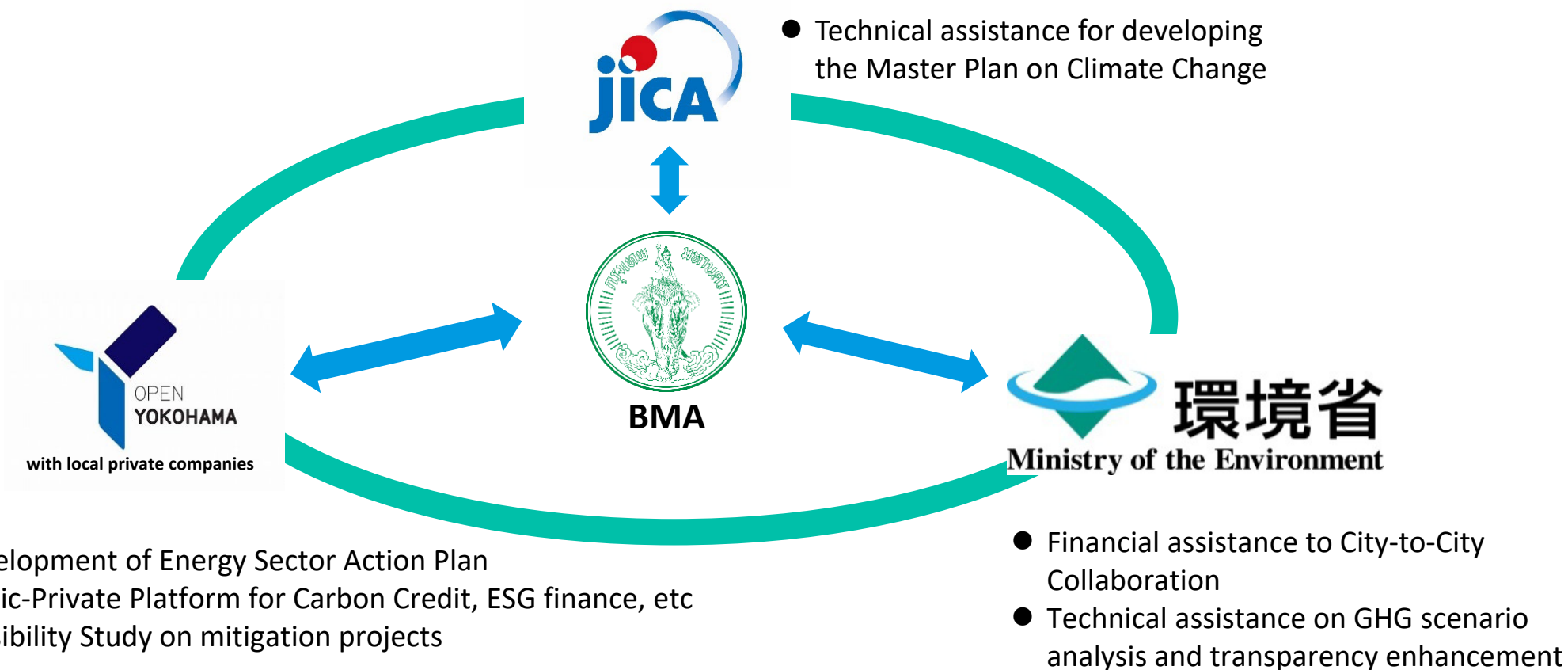
- Deliver net-zero commitment
- Deploy decarbonized technologies/infrastructure
- Develop action plans and regulations

Partnering **20** Japanese cities
with **45** cities/regions in **13** countries



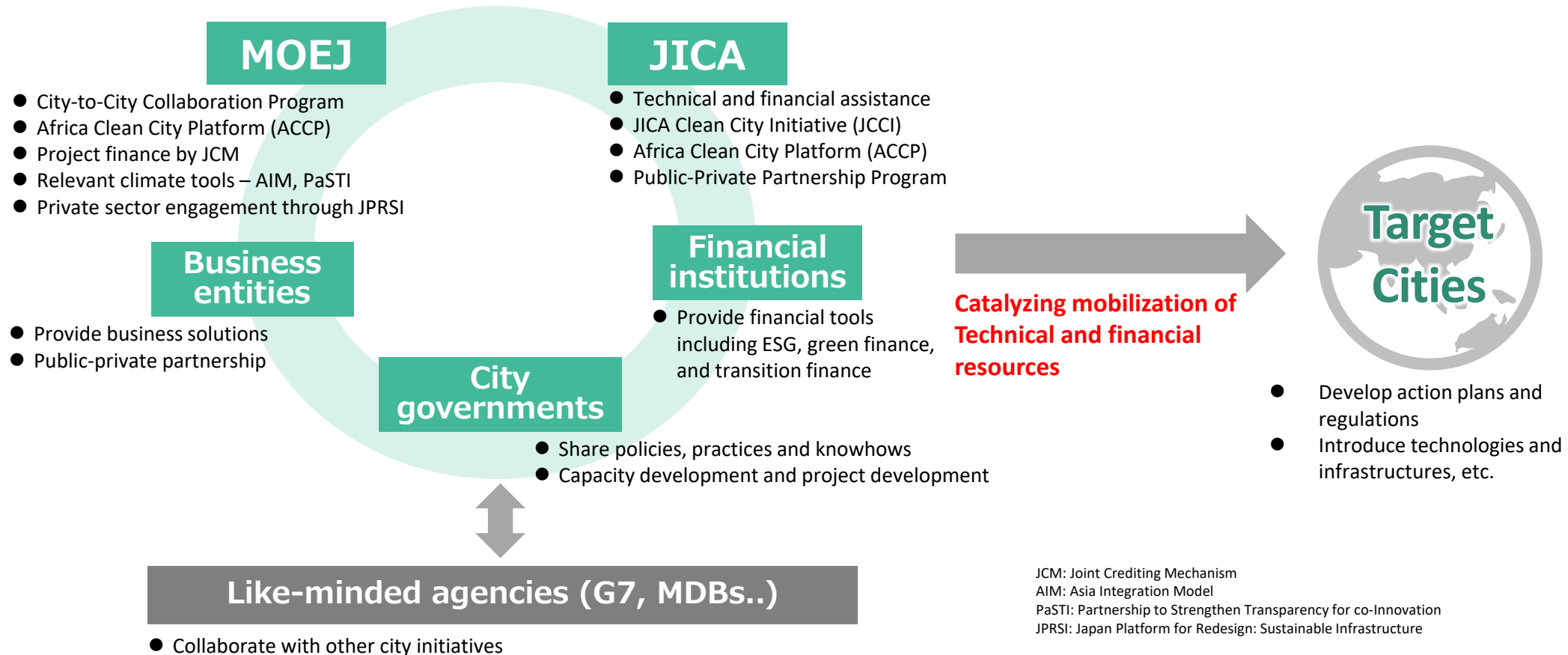
Success Cases of City-to-City Collaboration

- JICA has cooperated with BMA that led to **development of the Master Plan on Climate Change**. **Yokohama City** has cooperated in **dispatching an expert and providing a training**.
- Yokohama City and BMA continued to engage in a City-to-City Collaboration Program for **the implementation of the masterplan** with financial support of **MOEJ**.



Clean City Partnership Program (C2P2)

- MOEJ and JICA, in partnership with other key stakeholders, roll out a **Clean Cities Partnership Program (C2P2)**, which:
- Mobilize **engagement of multi-stakeholders** on target cities.
- Provide a **comprehensive and synergetic support to urban agenda** including climate change, environmental pollution and circular economy.
- Collaborate with ongoing and new city initiatives by G7 members and MDBs.

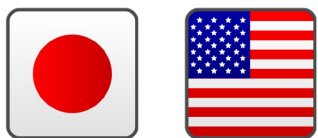


JCM: Joint Crediting Mechanism
 AIM: Asia Integration Model
 PaSTI: Partnership to Strengthen Transparency for co-Innovation
 JPRSI: Japan Platform for Redesign: Sustainable Infrastructure

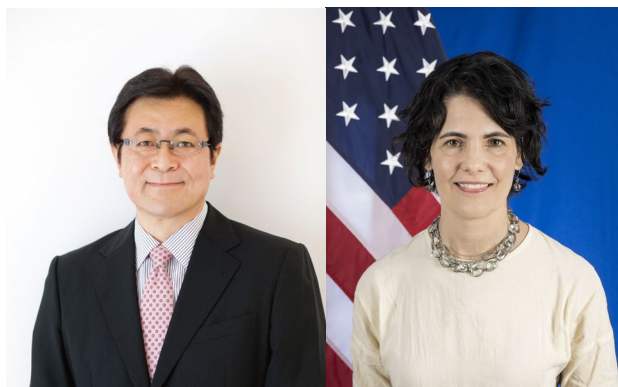
Collaborative Initiatives with Other Partners

- Work with bilateral and multilateral partners on promoting subnational climate actions
- Further discussion expected at G7 Ministers' Meeting on Climate, Energy and Environment in Sapporo

◆ U.S.-Japan Global Subnational Zero Carbon Promotion Initiative



- Convening
The "Zero Carbon City International Forum" **NOW!!**



◆ EU-Japan Green Alliance



- Convening
The "EU-Japan 100 Cities Event on Climate Action"



◆ Q-CHAMP (Quad Climate Change Adaptation and Mitigation Package)



- Convening
The "Quad Workshop on Subnational Climate Action under Q-CHAMP"



Domestic Policies and Programs

- Close cooperation between national and subnational governments
- Regional Decarbonization Roadmap
- At least 100 Decarbonization Leading Areas by 2030
- All Zero Carbon City by 2050



International Cooperation

- City-to-City collaboration
- Co-organize events with bilateral and multilateral partners
- Promote comprehensive multi-level support (C2P2)
- Explore cooperative actions with G7 countries and MDBs

Thank you for your kind attention



Ministry of the Environment