

High-level Session on
City-to-City Cooperation
Program

City-to-City Cooperation Program (C3P)

February 26, 2024

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Introduction

Role of Cities in Addressing Climate Change

- The cities account for approximately **70% of global GHG emissions**.
- The cities is becoming at the **forefront of making global efforts to address climate change** as well as of adapting to its impacts.

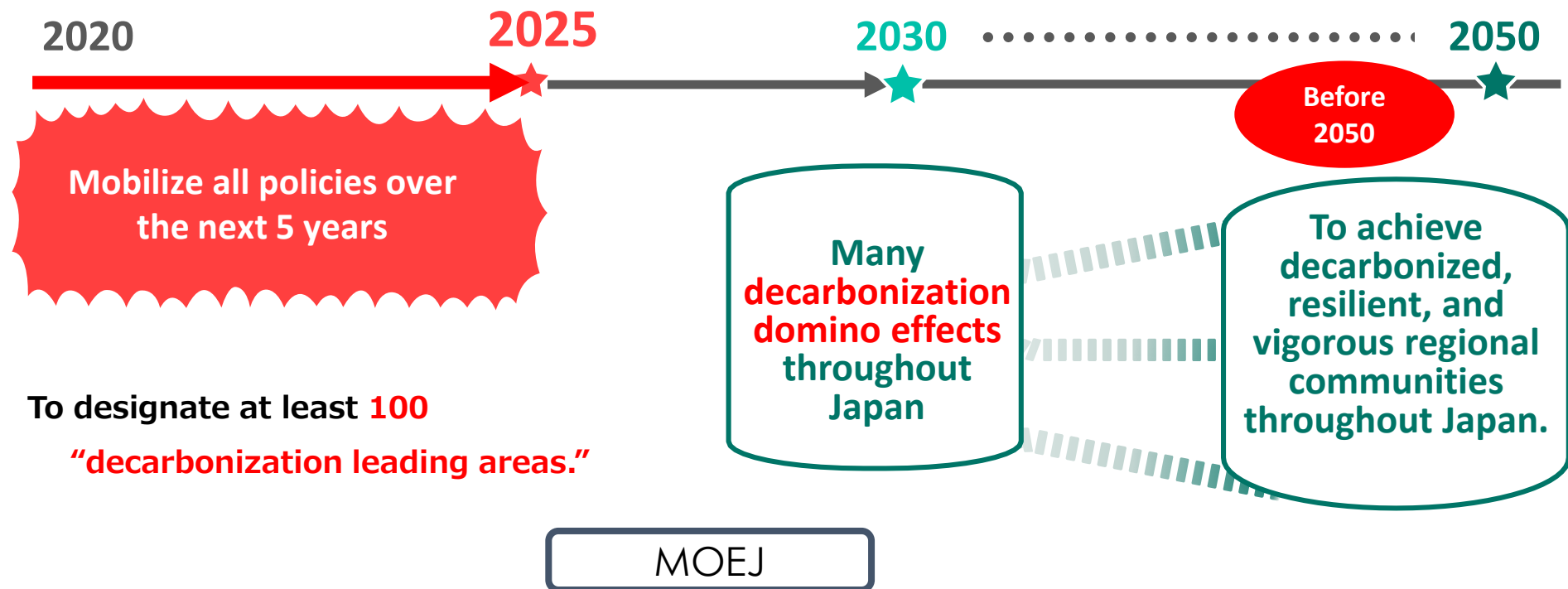


G7 Climate, Energy and Environmental Ministerial Communiqué in 2023 highlighted the vital role of subnational actors in realizing the transformation toward net-zero, climate-resilient, circular, and nature positive economies and the importance of city-to-city corporation.

1. Japan's Initiatives on Cities

(1) Decarbonization Leading Areas (DLAs)

- The Decarbonization Leading Areas (DLAs) are designated by the MOEJ toward **achieving net-zero by FY2030**.
- **74 DLAs** have been selected as the models in achieving net-zero in urban, agricultural and tourist areas.



(2) City-to-City Collaboration Program (C3P)

- Support **City-to-City collaboration between cities in Japan and abroad** to promote **sharing of knowledge and experience** for decarbonization in partnership with private solution providers (Since 2013)

Cooperation activities

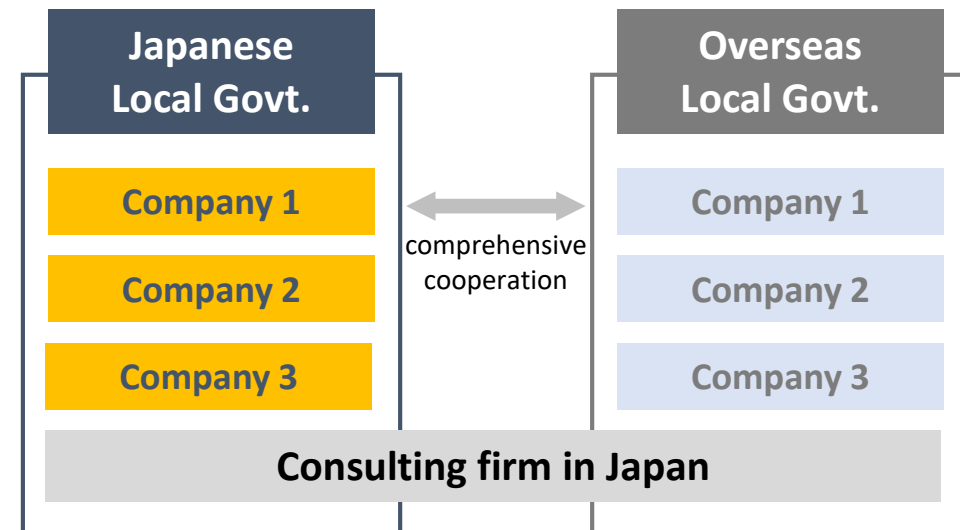
- Co-create low-carbon projects
- Support developing policies and plans to promote climate actions
- Build capacity for government staff
- Raise awareness of stakeholders



Expected outcomes

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

Examples of structures for C3P



MOEJ

2. IPCC Special Report on Climate Change & Cities

1. The third part of the IPCC Sixth Assessment Report released in 2022 highlights the need for cities to urgently promote address a transition to decarbonization.
2. It was agreed that the Seventh Assessment cycle would include a Special Report on Climate Change and Cities. (Decision at the 43rd IPCC Session in 2016)
3. The Special Report will be developed under the joint scientific leadership of Working Groups I, II and III, in support of the WG II Technical Support Unit.
4. The Special Report will be provided in early 2027. (Decision at the 60th Session of IPCC, January 2024, Istanbul)

Scoping Meeting for IPCC Special Report

1. Expected Expertise for Scoping Experts:

- Biophysical
- Impacts and Risks, including (i) Economic and Non-economic Losses and Damages and (ii) Compounding and Cascading Aspects
- Sectoral Development, Adaptation, Mitigation and Responses to Losses and Damages
- Energy and Emissions
- Governance, Policy, Institutions, Planning and Finance, and
- Civil Society

2. The Scoping Meeting will be held in April 2024 in Riga, Latvia.

3. The outcomes of the Scoping Meeting will be considered by the Panel at its 61st Session later in 2024

3-1 IIASA-Japan Research Project on City Transformation

To contribute to the IPCC Special Report on Climate Change and Cities, IIASA and MOEJ have initiated their Joint Research Project on City Transformation to synthesize the current understanding of urban transformations to identify critical knowledge gaps.

This project will:

- Discuss what the physical aspects of climate change, the impacts, vulnerability, climate change adaptation and mitigation mean for cities and urban areas and focus on systems transformation, from sectors to cross-cutting perspective, highlight selected case studies and best practices,
- Assess and present city transformation strategies, considering synergies and trade-offs of mitigation and adaptation strategies by focusing on SDGs, health and wellbeing,
- Identify critical knowledge gaps; complemented by dedicated expert interviews.

3-2 Major Components of IIASA-Japan Research Project

1. Paper Development (2023-2024)
2. Workshop (Closed) in Tokyo on February 27 & 28
3. Symposium in Tokyo on February 28 (PM)



Launching Event at COP28

(1) Paper Structure

The paper will cover the following research areas:

1. Introduction and framing
2. Urban systems
3. Impact and risks
4. Systems transformations
5. Enabling conditions for systems transformations
6. Synergies and tradeoffs
7. Knowledge gaps

(2) Workshop

February 27 & 28 (AM)

Co-Chairs:

Prof. Diana Ürge-Vorsatz, IPCC/AR7 Vice-Chair

Prof. Taikan Oki, IPCC/AR6 Review Editor

Session 1: IPCC Special Report on Climate Change & Cities and IIASA-Japan Research Project on City Transformation

- Dr. Keywan Riahi, Program Director for ECE, IIASA
- Dr. Debra Roberts, IPCC/AR6 WGII Co-Chair
- Dr. Winston Chow, IPCC/AR7 WGII Co-Chair
- Session 2: Report on City Transformation (Phase 1)
- Session 3: Group Discussions
- Session 4: Discussions on Way forward

(3) Symposium (February 28) “IPCC/AR7 and Japan’s Contribution” (in hybrid format)

Keynote Speech

- Dr. Diana Ürge-Vorsatz, Vice Chair of IPCC/AR7 “Roadmap for IPCC/AR7”
- Prof. John Schellnhuber, IIASA DG “IIASA and its Contribution to IPCC/AR7 and beyond”
- Ms. Masako Ogawa, Deputy Executive Manager, MOEJ “Japan’s Contribution to IPCC/AR7”
- Dr. Keywan Riahi, Program Director, ECE, IIASA “Report on IIASA-Japan Research Project on City Transformation”

Panel Discussion to be moderated by Prof. Taikan Oki (IPCC/AR6 Review Editor)

- Dr. Debra Roberts (IPCC/AR6WGII Co-Chair)
- Dr. Winston Chow (IPCC/AR7WGII Co-Chair)
- Dr. Leila Niamir (IIASA/ECE)
- Dr. Eric Zusman (IGES) and
- Ms. Masako Ogawa (MOEJ)

Summary

1. Cities are expected to play a crucial role in addressing climate Change;
2. Japan has developed its initiatives: (a) Decarbonization Leading Areas (DLAs) and (b) City-to-City Cooperation Program (C3P); and
3. Japan has also initiated a collaborative research project on city transformation with the International Institute for Applied Systems (IIASA) aiming to contribute to IPCC Special Report on Climate Change and Cities in its AR7 cycle.

Thank you,

