



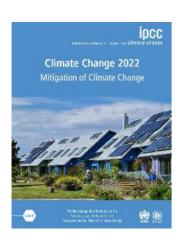
Background and Japan's efforts on multilevel climate actions

TSUJI Keitaro, Ministry of the Environment, Japan Aug 22nd 2023

Background



Multi-level actions by relevant stakeholders including subnational and national government, civil society, businesses, citizens and other key partners are crucial in advancing climate actions at local levels.



The third part of the <u>IPCC Sixth Assessment Report</u> <u>released</u> in 2022 highlights the need for cities, which account for approximately 70% of global GHG emissions, to urgently promote address a transition to decarbonization.



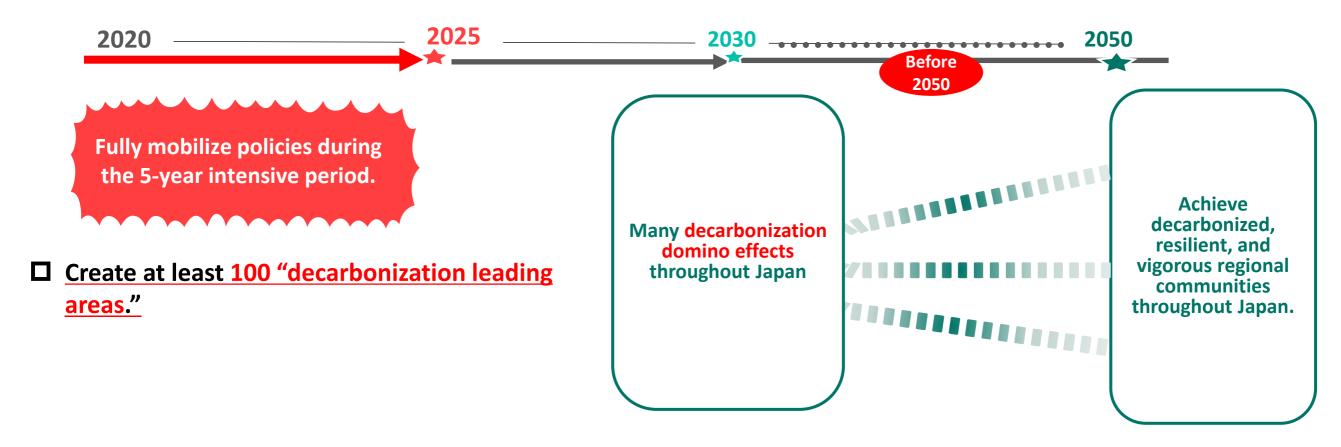
Recognizes the important role of indigenous peoples, local communities, cities and civil society, including youth and children, in addressing and responding to climate change and highlights the urgent need for multilevel and cooperative action in this regard

Decarbonization Leading Areas





- To achieve Carbon Neutrality in 2050 and a 46% Reduction of GHG in 2030, Japanese national and subnational government co-developed the Regional Decarbonization Roadmap in June 2021.
- The Decarbonization Leading Areas aim to achieve net-zero by FY2030.
- 62 Decarbonization Leading Areas have been selected to build the models of achieving net-zero in urban, agricultural, and tourist areas.



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.

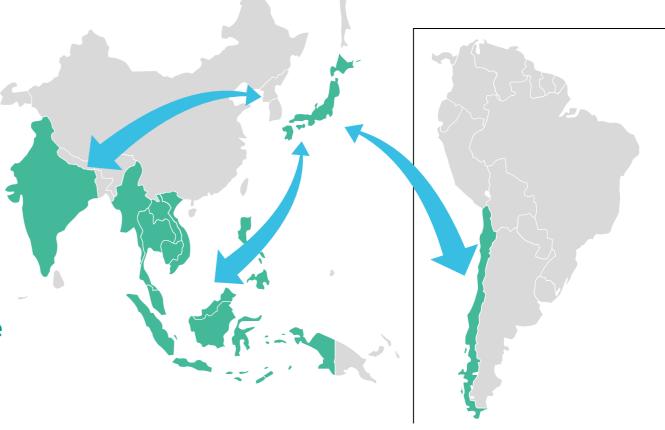
<Cooperation activities>

- 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 47 cities/regions in 13 countries



City-to-City Collaboration Program (C3P) (FY2013~2023)





Partnering 20 Japanese subnational governments with 47 subnational governments in 13 countries

Partner city		Japanese city
Ma	aldives	
1	Malé city	Toyama city

Inc	lia	
2	Bangalore city	Yokohama city

Myanmar			
3	Yangon Region	Kitakyushu city	
4	Yangon city	Kawasaki city	
5	Ayeyarwady Region	Fukushima city	
6	Sagaing Region	Fukushima city	
7	Mandalay city	Kitakyushu city	
8	Yangon city	Fukuoka city	

Mongolia			
9	Ulaanbaatar city	Sapporo city- Hokkaido Government	
10	Ulaanbaatar City· Tuv aimag Prefecture	Sapporo City	
11	Ulaanbaatar city	Sapporo city	
1 000			

Lac	o PDR	
12	Vieng chan City	Kyoto City

Vietnam				
13	Hai Phong city	Kitakyushu city		
14	Da Nang city	Yokohama city		
15	Ho Chi Minh city Thu Duc city	Osaka city		
16	Kiên Giang Province	Kobe City		
17	Can Tho City	Hiroshima Prefecture		
18	Soc Trang Province	Hiroshima Prefecture		
19	Hanoi city	Fukuoka Prefecture		
20	Quang Ninh Province	Shiga Prefecture		
21	Ba Ria-Vung Tau Province	Sakai city		
22	Ben Tre Province	Ehime Prefecture		

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Th	ailand	
23	Bangkok Metropolitan Administration	Yokohama city
24	Rayong Prefecture	Kitakyushu city
25	Chiang Mai Prefecture	Kitakyushu city
26	Eastern Economic Corridor (EEC)	Osaka city

Cambodia			
27	Phnom Penh Capital Administration	Kitakyushu city	
28	Siem Reap Province	Kanagawa Prefecture	

Ma	alaysia	
29	Iskandar Development Area	Kitakyushu city
30	Iskandar Development Area • Kota Kinabalu city	Toyama city
31	Penang State	Kawasaki city
32	Kuala Lumpur city	Tokyo• Saitama city
33	Iskandar Development Area	Toyama city

Inc	donesia		
ШС	uonesia		
34	Denpasar city	Clean Authority of Tokyo	
35	Surabaya city	Kitakyushu city	
36	Batam _{City}	Yokohama city	
37	Semarang city*	Toyama city	
38	Bandung City	Kawasaki city	
39	Special Capital Territory of Jakarta	Kawasaki city	
40	Bali Province*	Toyama city	
41	Rokan Hulu Prefecture, Riau Provice Pekanbaru City	Kawasaki city	
42	Gorontalo Province	Ehime Prefecture	
43	West Java Province	Kitakyushu city	

※ Joint project for Bali and Semarang

Philippines			
44	Quezon city	Osaka city	
45	Davao city	Kitakyushu city	

Palau		
46	Koror Province	Kitakyushu city
47	Airai Province	Urasoe city
Chile		
40	Renca Municipality,	Toyoma

Red: Ongoing projects in FY2023

Santiago city,

Good practice of City-to-City Collaboration Program (C3P)





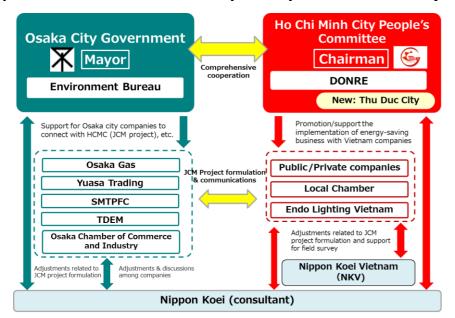
Ho Chi Minh City and Osaka City

- ◆ The Team OSAKA network of private solution **providers** and teamed up with HCM local companies.
- As a result, 9 JCM projects formulated by 2022

INTORODUCTION of

- Solar PV System,
- Eco-Driving by Utilizing Digital Tachograph System,
- High Efficiency Air-conditioning System and Air Cooled Chillers ,
- High Efficiency Boiler System to Food Factory,
- High Efficiency LED Lighting with Dimming and Tunable Function

Implementation Structure of City-to-City Collaboration Project



Bangkok Metropolitan Administration and Yokohama City

- ◆ 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.

Comprehensive cooperation with BMA



- **Development of Energy Sector Action Plan**
- Public-Private Platform for Carbon Credit, ESG finance, etc.
- Feasibility Study on mitigation projects

- Financial assistance to City-to-City Collaboration
- Technical assistance on GHG scenario analysis and transparency enhancement

Clean City Partnership Program (C2P2)





- MOEJ and JICA, in partnership with other key stakeholders, roll out a Clean Cities Partnership Program (C2P2), aiming a comprehensive and synergetic support to urban agenda including climate change, environmental pollution and circular economy.
- Through C2P2, we develop policies and plans to promote climate action, provide capacity building as well as introduce decarbonized infrastructure.

MOEJ

- City-to-City Collaboration Program
- Africa Clean City Platform (ACCP)
- Project finance
- Relevant climate tools AIM, PaSTI
- Private sector engagement through JPRSI

Business entities

- Provide business solutions
- Public-private partnership

JICA

- Technical and financial assistance
- JICA Clean City Initiative (JCCI)
- Africa Clean City Platform (ACCP)
- Public-Private Partnership Program

Financial institutions

 Provide financial tools including ESG, green finance, and transition finance

Catalyzing mobilization of technical and financial resources





Develop

- ✓ City level long-term strategies
- ✓ Climate change action plans
- ✓ Capacity building



Introduce

- ✓ Renewable energy
- ✓ Decarbonized facilities, etc.
- > Flagship Cities
- HanoiBa Ria-Vung Tau
- •Quang Ninh •Bangkok
 And more!!

City governments

- Share policies, practices and knowhows
- Capacity development and project development



Like-minded agencies (G7, MDBs..)

Collaborate with other city initiatives

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

Thank you for your kind attention

