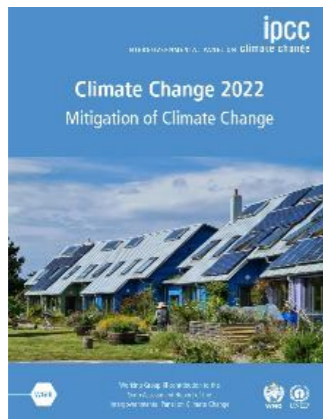




Background and Japan's efforts on multilevel climate actions

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

- **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 IPCC Sixth Assessment Report released in 2022 highlights the need for cities, which account for approximately 70% of global GHG emissions, to urgently promote address a transition to decarbonization.

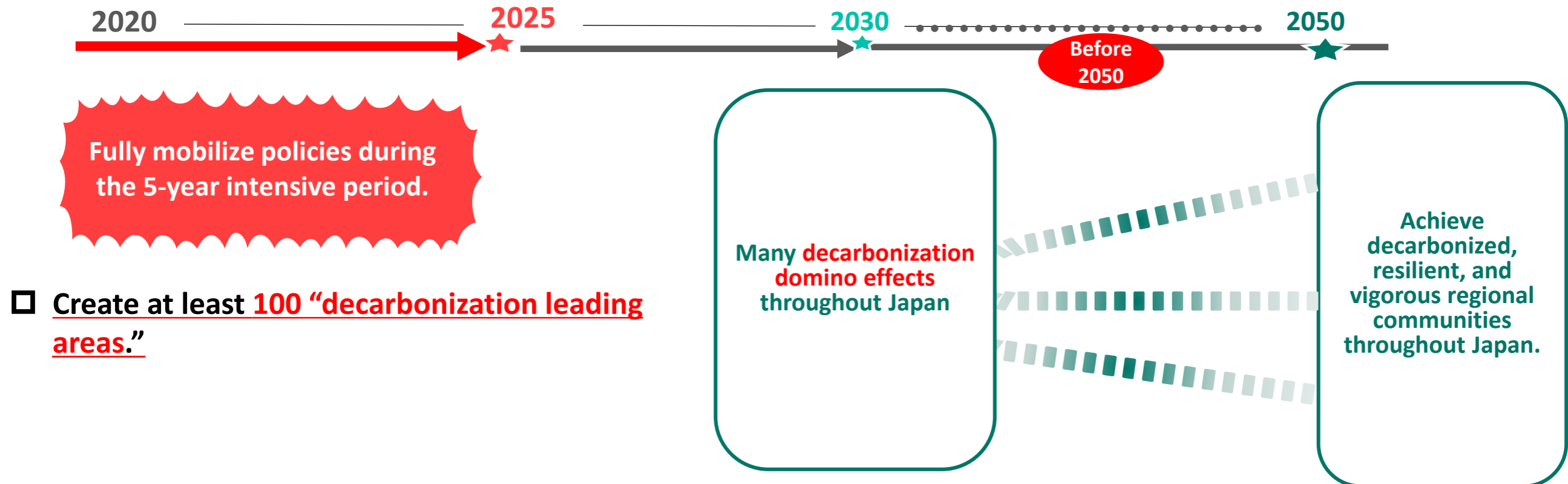


Recognizes the important role of indigenous peoples, local communities, cities and civil society, including youth and children, in addressing and responding to climate change and **highlights the urgent need for multilevel and cooperative action** in this regard

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.



■ 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>

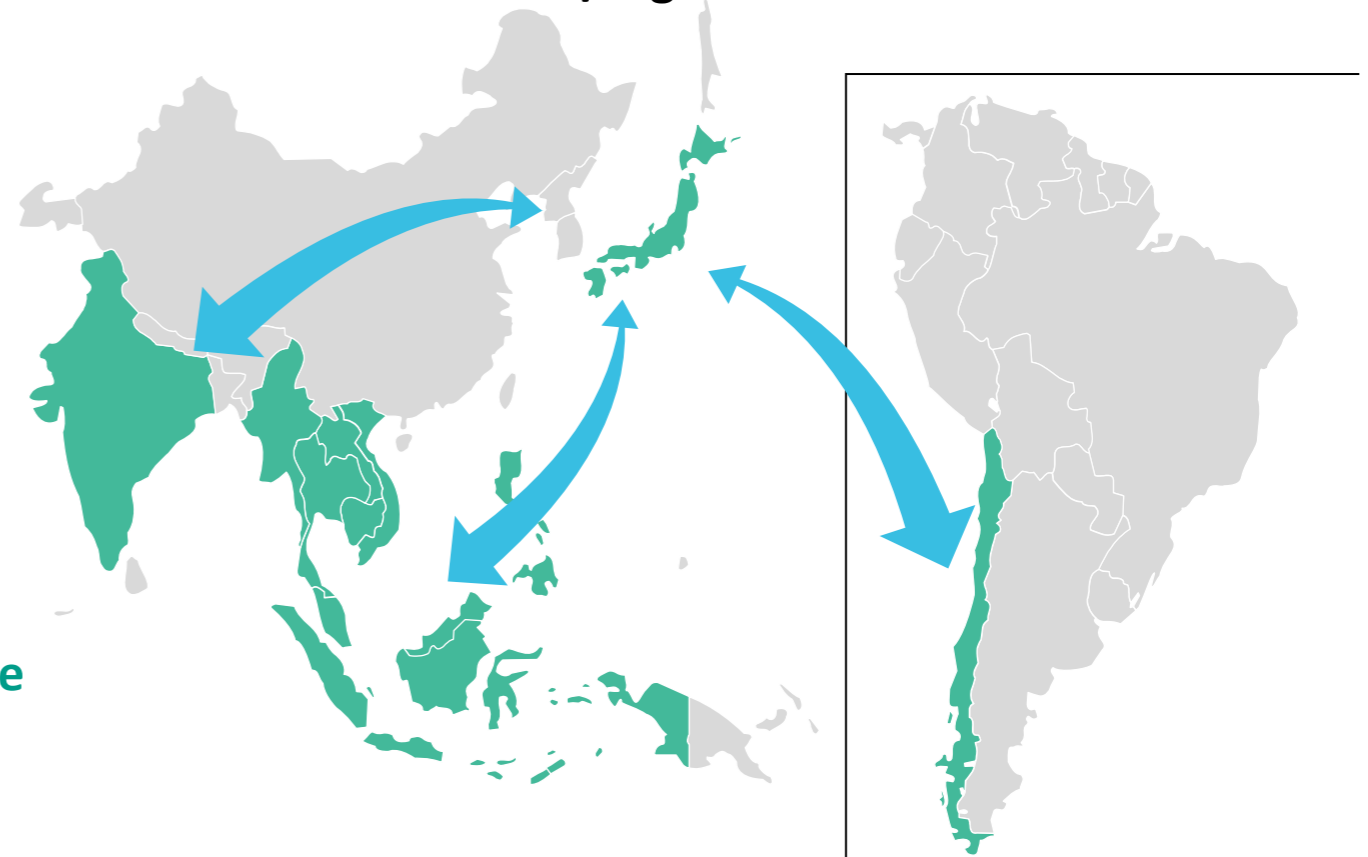
- Co-create low-carbon projects
- Support developing policies and plans to promote climate actions
- Build capacity for government staff
- Raise awareness of stakeholders



<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
Maldives	
1 Malé City	Toyama City
India	
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
Lao 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

Thailand		
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

Malaysia		
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

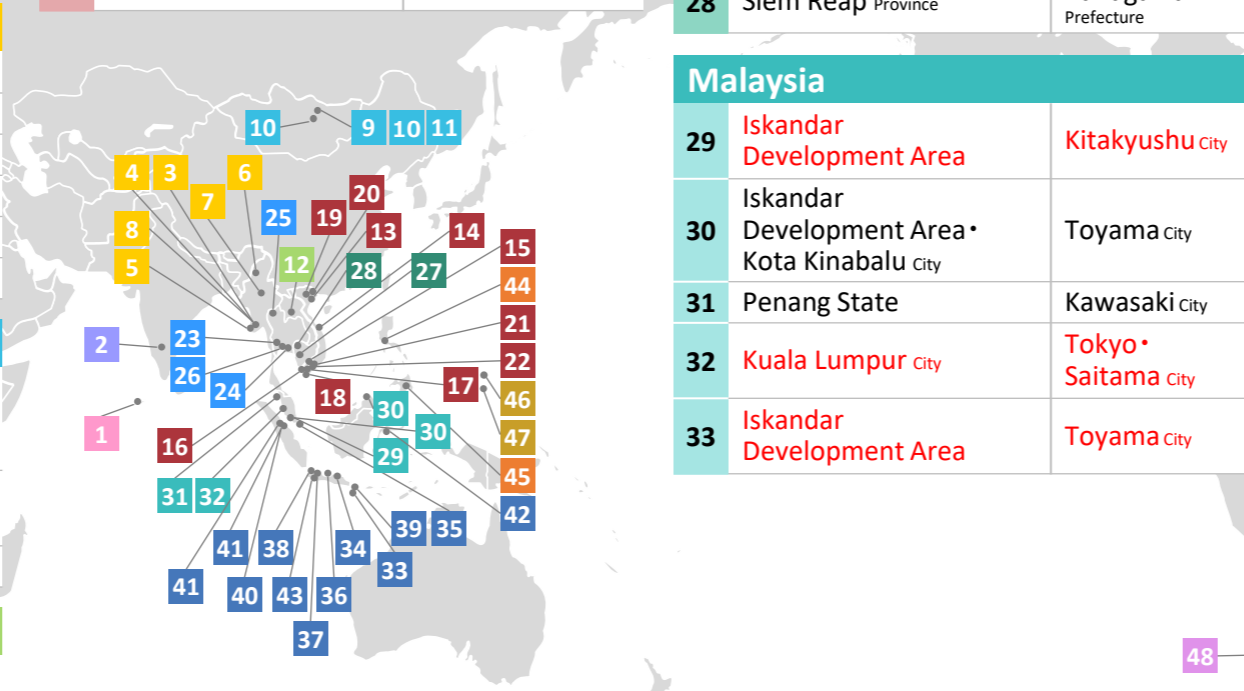
Indonesia		
34	Denpasar City	Clean Authority of Tokyo
35	Surabaya City	Kitakyushu City
36	Batam City	Yokohama City
37	Semarang City*	Toyama City
38	Bandung City	Kawasaki City
39	Special Capital Territory of Jakarta	Kawasaki City
40	Bali Province*	Toyama City
41	Rokan Hulu Prefecture, Riau Province·Pekanbaru 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		
48	Renca Municipality, Santiago City,	Toyama City



Red: Ongoing projects in FY2023

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



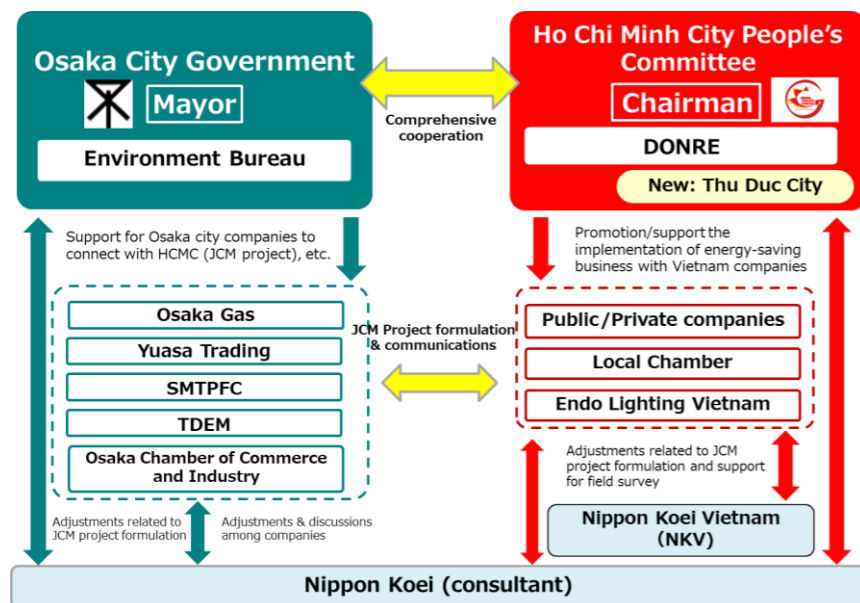
Ho Chi Minh City and Osaka City

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

INTRODUCTION 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

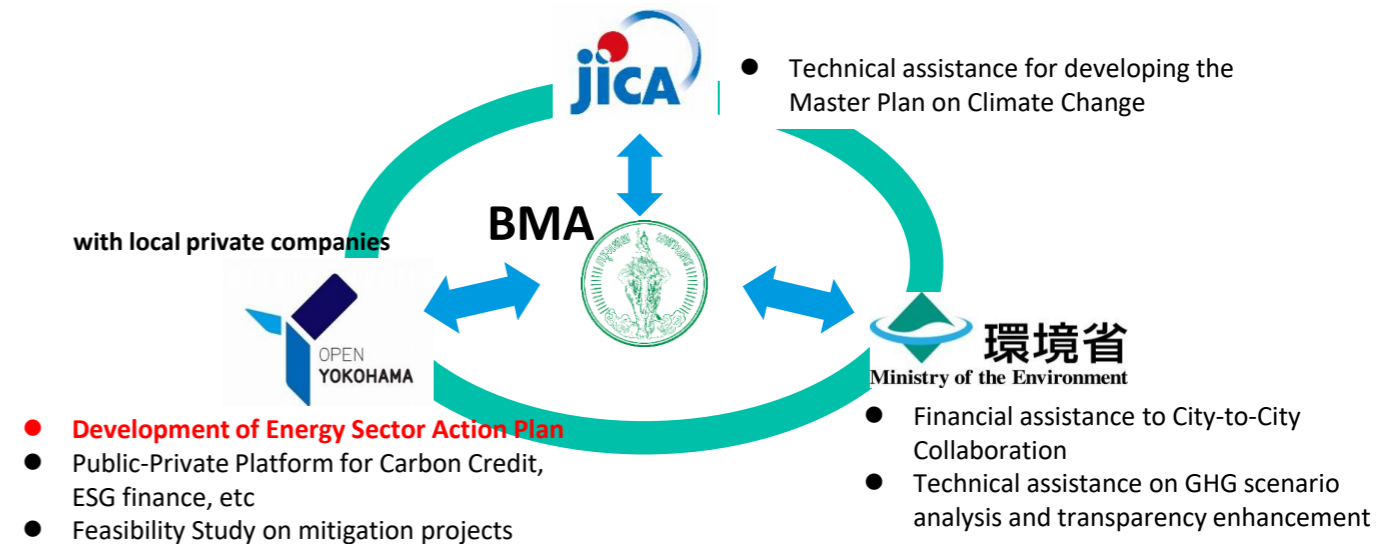
Implementation Structure of City-to-City Collaboration Project



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.

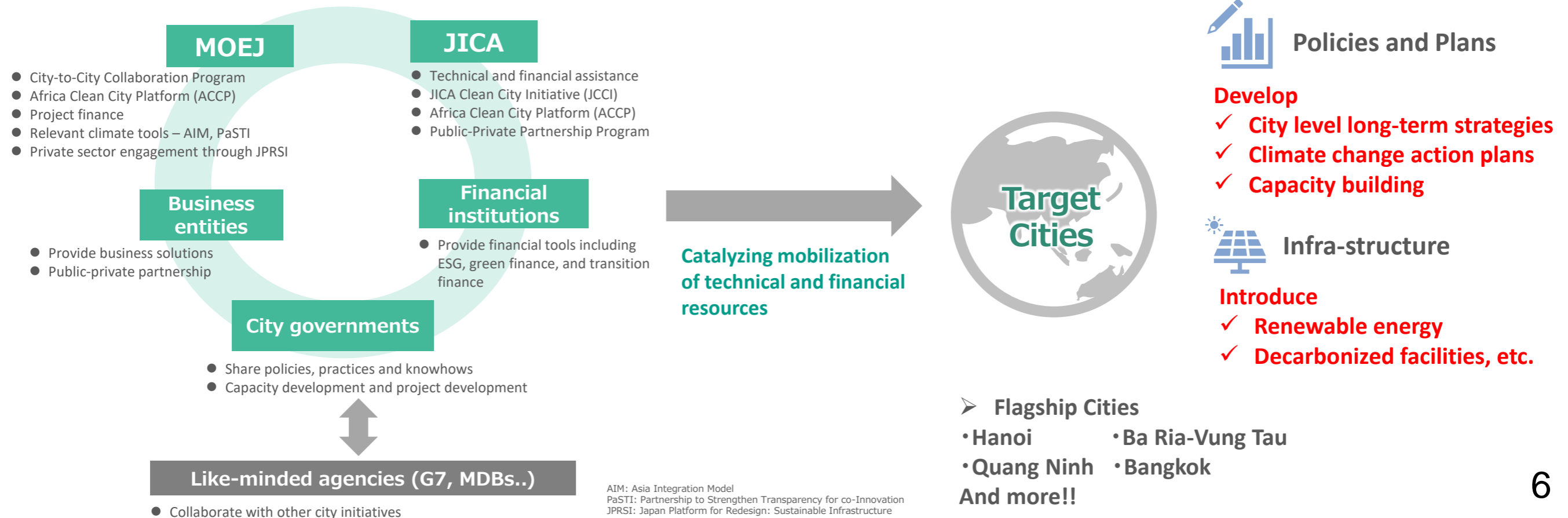
Comprehensive cooperation with BMA



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.



Thank you for your kind attention



Ministry of the Environment