

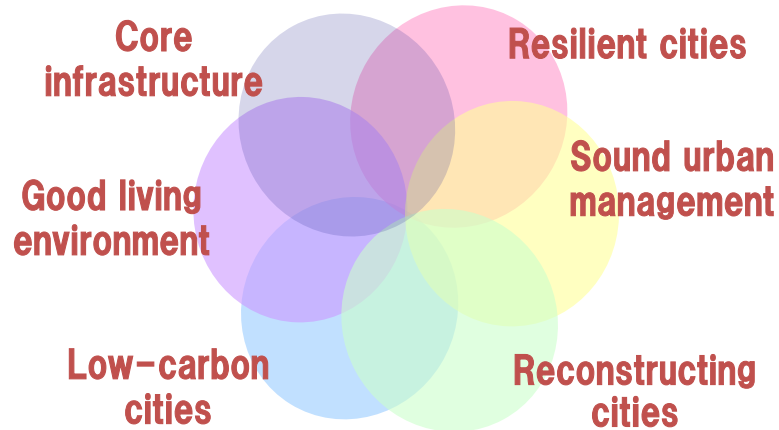
***Approach to enhance City to City cooperation
toward Sustainable Urban Development
by JICA***

**The 8th 3R Conference
for Asian Local Governments
Nov. 5th, 2015**

**Naoki Mori
Global Environment Department
Japan International Cooperation Agency (JICA)**

Vision: Inclusive and Dynamic Urban Development

What to support:



How to support

(1) Tapping Japanese experience of overcoming rapid urbanization

Collaboration with Japanese national and local governments

(2) Comprehensive and seamless support from planning to operation & maintenance

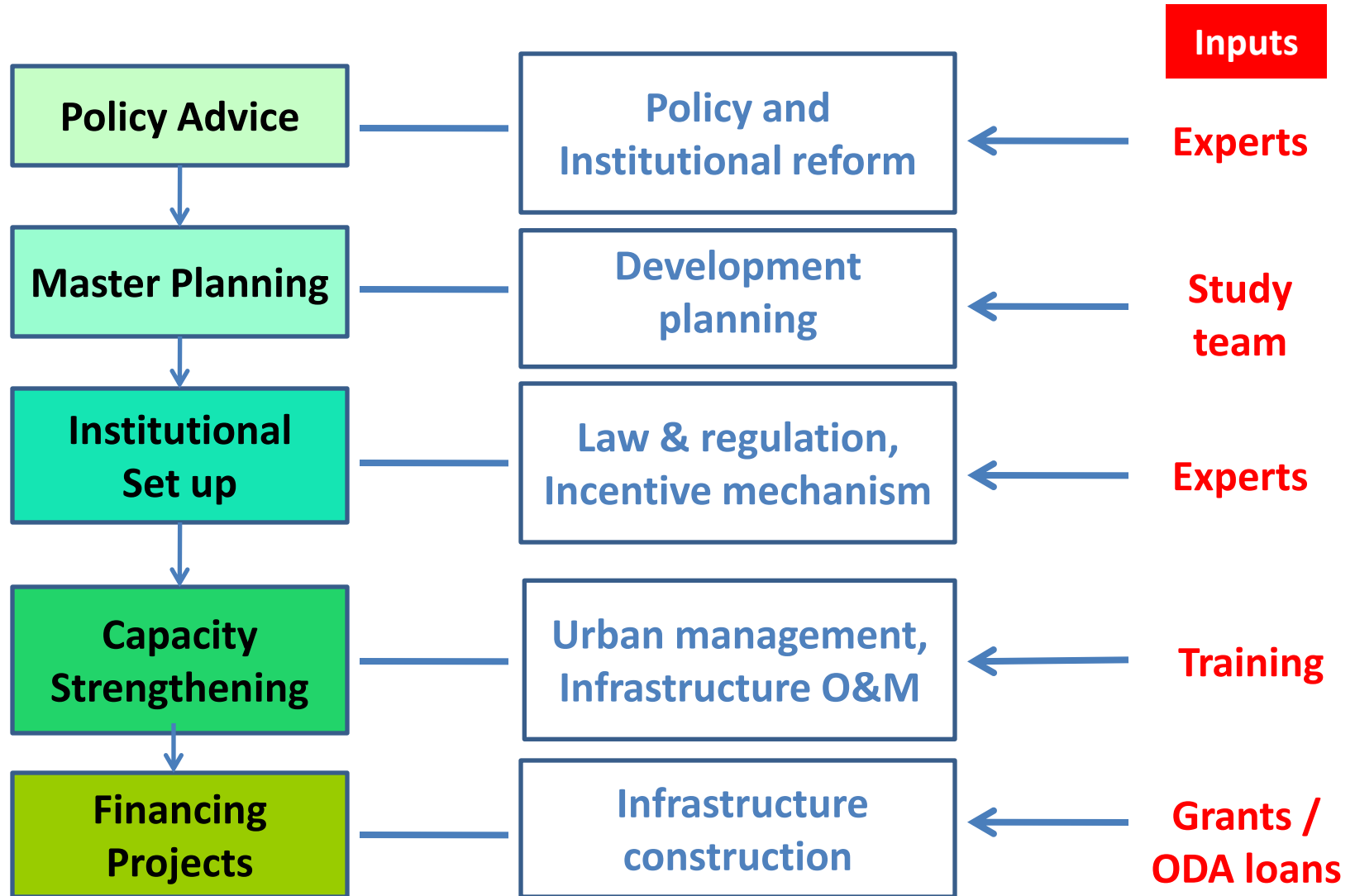
Planning

Implementation

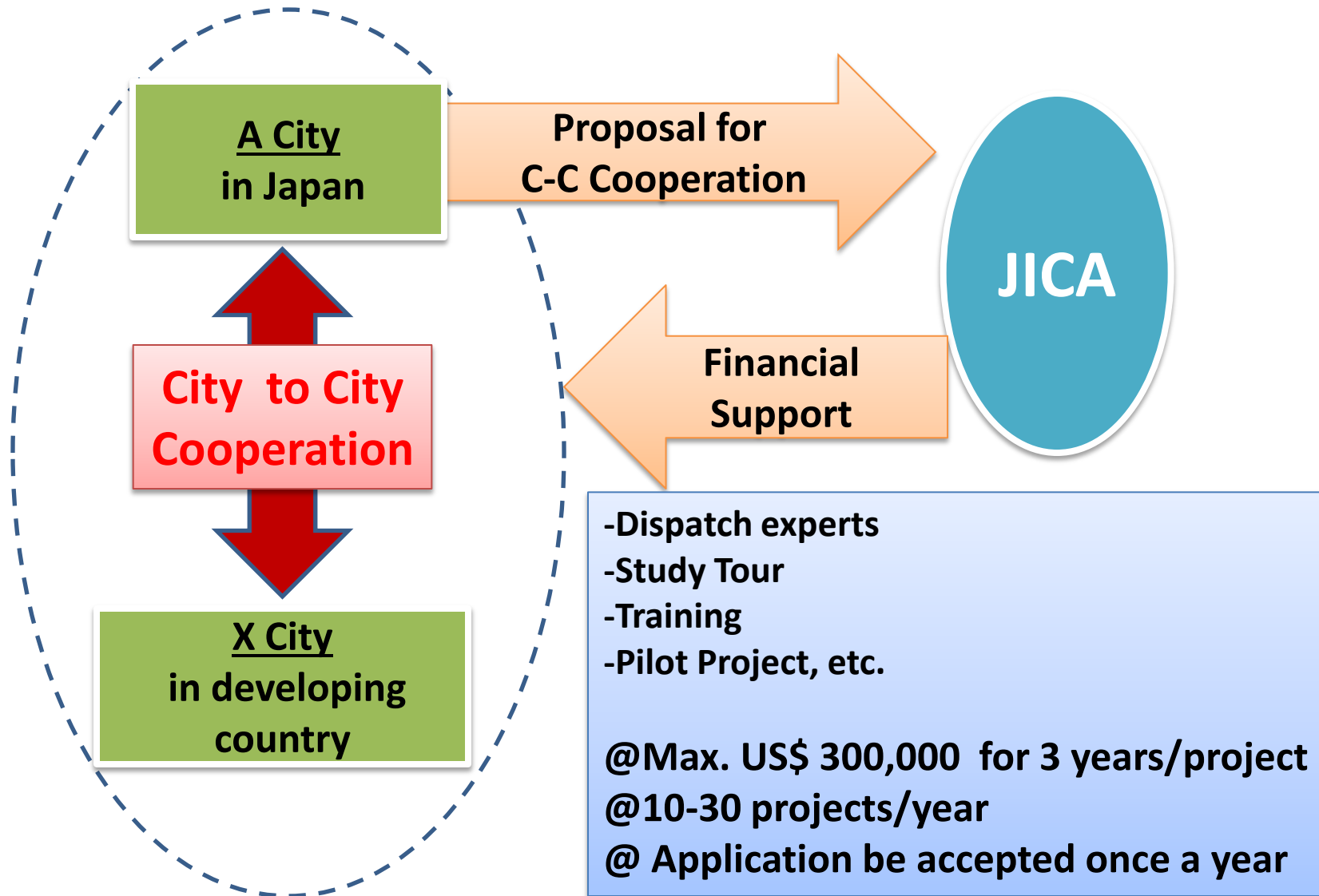
Operation & maintenance

Promotion of investments, business operation and technology transfer by Japanese private sector

JICA's comprehensive approach to Urban Development



Financial support for City-City Cooperation



Yokohama – Bangkok City –City Cooperation

Memorandum of Understanding on “Technical Cooperation for Sustainable Urban Development” (October, 2013)

1. The City of Yokohama will offer technical advice in the area such as **energy management, public transportation, solid waste and waste water management**, etc.

2. The Cities will encourage **participation of the private sector, academic institutions, and local communities** which have expertise and knowledge on low carbon society development.

Yokohama – Bangkok City –City Cooperation

Strategy for C-C cooperation;

Phase 1

Master plan development on low carbon and resilient city
in Bangkok

Phase 2

Institutional setup and capacity development to implement
the master plan

Phase 3

Business matching to promote investment based on
the master plan

**Through mobilizing external resources including ODA and others*

JICA Technical Cooperation Project for Bangkok Master Plan on Climate Change 2013-2023

Objectives

- (1) Drafting a Bangkok Master Plan on Climate Change 2013-2023
- (2) Capacity development for implementation of the Master Plan

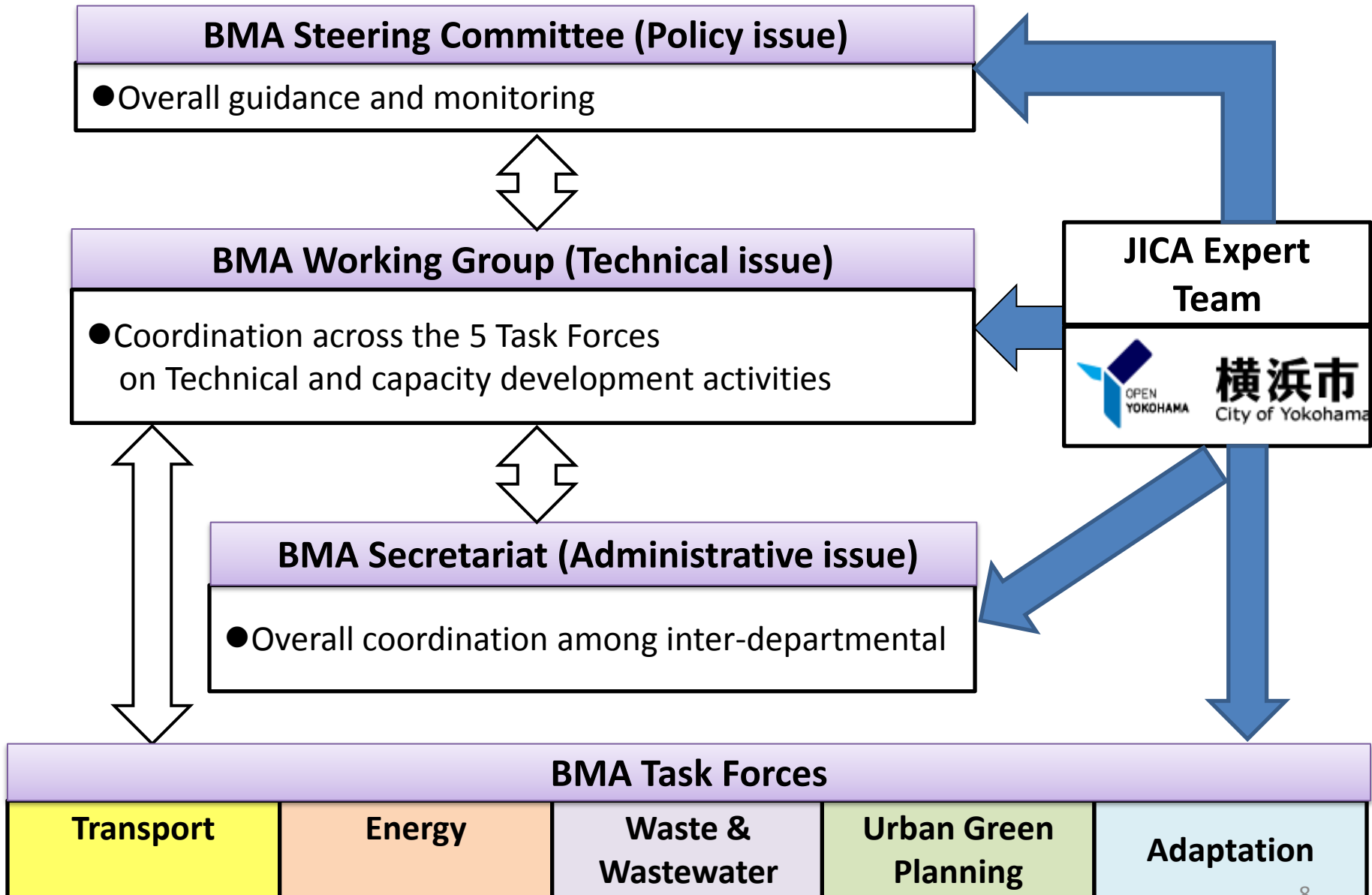
Sectors Covered

- (1) Environmentally Sustainable **Transport**
- (2) **Energy Efficiency** and **Renewable Energy**
- (3) Efficient **Solid Waste** Management and **Waste Water** Treatment
- (4) Urban **Green** Planning
- (5) **Flood control** Planning

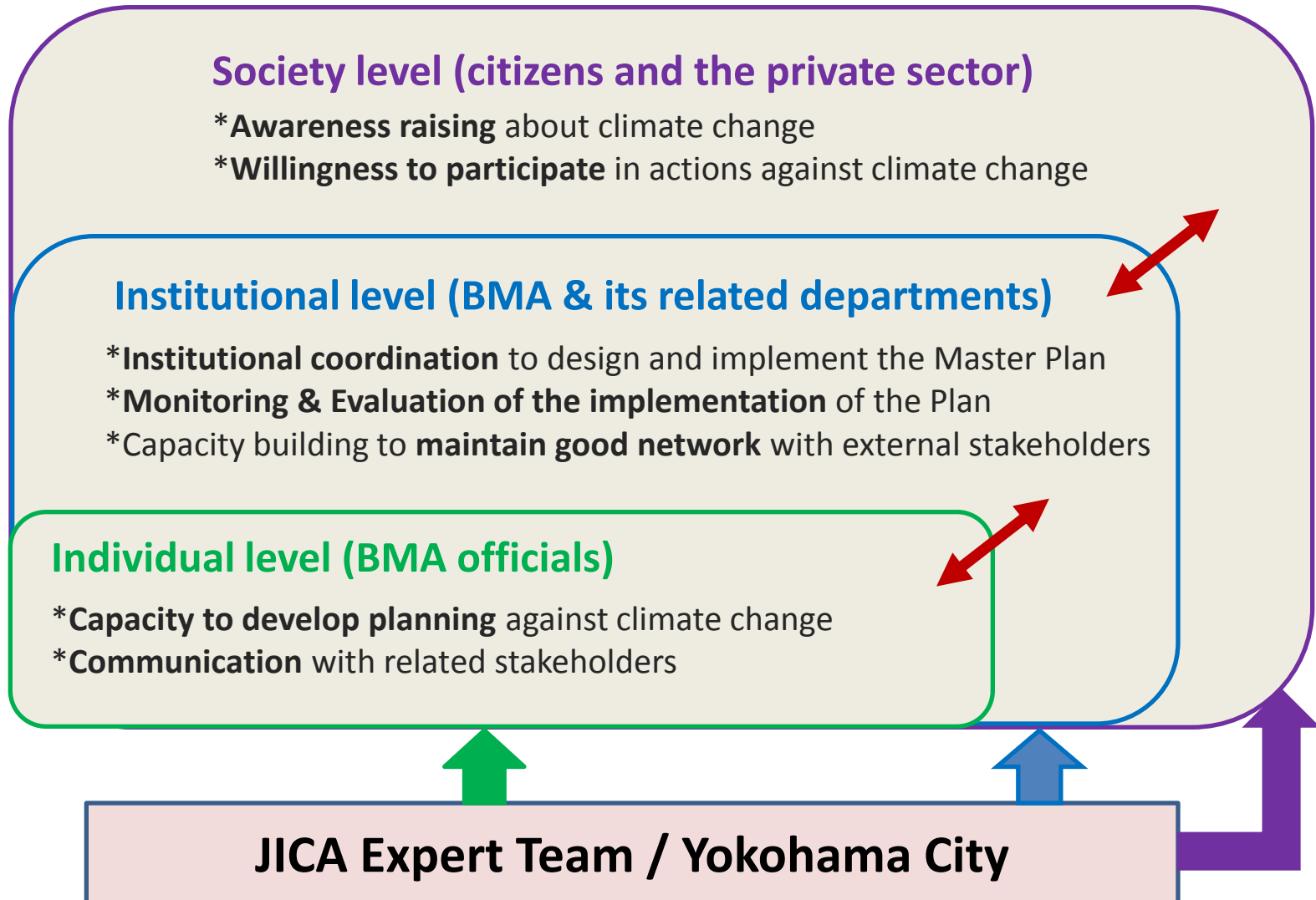
Counterpart

Bangkok Metropolitan Administration (BMA)

Implementation structure



Multi-layered and Comprehensive Capacity building in Master plan development



Sharing Yokohama's Experiences with Bangkok

Yokohama's Experiences on Climate Change Policy and Actions



Share



Introduction in Bangkok Master Plan on Climate Change 2013-2023



To Introduce Energy Efficiency Policy Tools and Schemes in Bangkok



Case Study of Amarin Plaza in Bangkok for ESCO

During master plan drafting process, Building Energy Efficiency has been a strong focus.

BMA included in the Master Plan;

- BEMS and HEMS
- ESCO

Outreach activities targeted at the Private Sector and Citizens were conducted;

- Demonstration of ESCO
- Exhibition of ECO Products

BEMS: Building Energy Management System

HEMS: House Energy Management System

ESCO: Energy Service Company

Conclusion

1. Strong points of city to city collaboration

(1) Can be an effective approach to share “package of knowhow” for urban management with capacity development

including Inter-department coordination,

Public Private Partnership,

Public participation/Outreach to the public, etc.

(2) Can arrange business promotion opportunities among private companies => especially beneficial for SMEs

2. Challenges

* “Continuity” of the collaboration

* Human resource development & Skill up of Japan’s cities

* Financial mobilization for project implementation