

# International Forum on Low Carbon Cities

Session 5: Stakeholder engagement for inclusive and participatory climate action

## Stakeholder Engagement Local Climate Action in Japan

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# 1 Current Status, Commitments, Challenges and Approach

# Japan - Current Status

## Total greenhouse gas emissions in FY2019 =1,212 Mt CO<sub>2</sub> eq.

- 2.9% (=36 Mt CO<sub>2</sub> eq.) from FY2018 emissions
- 14.0% (=197 Mt CO<sub>2</sub> eq.) from FY2013 emissions
- 12.3% (=170 Mt CO<sub>2</sub> eq.) from FY2005 emissions

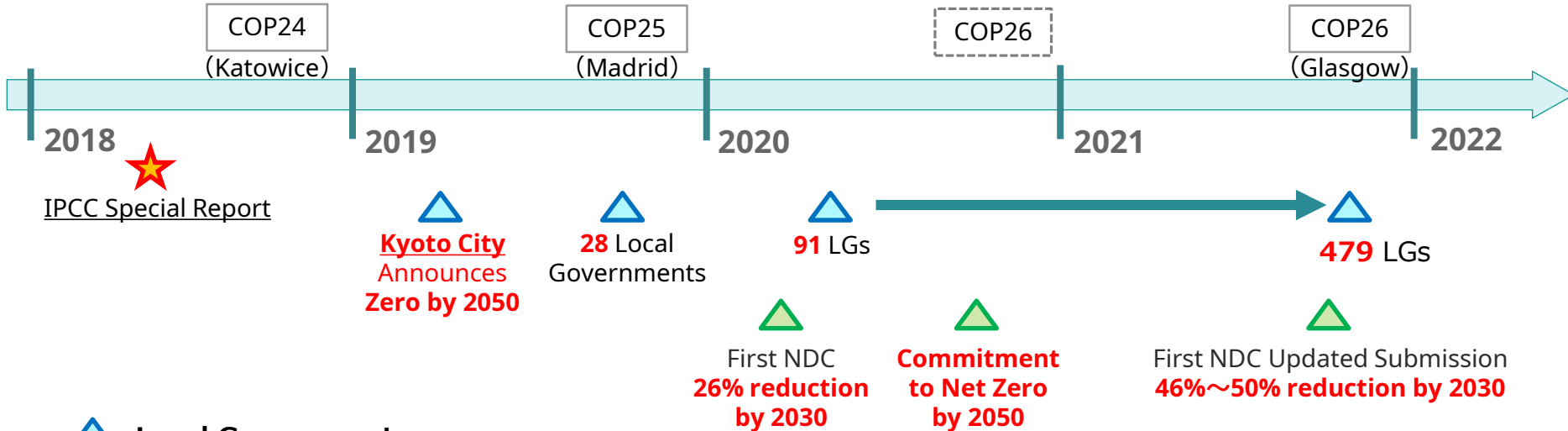
### <Reduction factors identified by the government>

- Reduced energy consumption (improved energy conservation)
  - Wider adoption of renewable energy
- (\*hydrofluorocarbon emissions that substitute for ozone-depleting substances are increasing)

### <Law>

Act on Promotion of Global Warming Countermeasures (enacted 1998)  
(Updated in 2021)

# National & Local Commitment



 Local Government

 National Government

 IPCC Special Report on 1.5°C (2018)

Clarified when and how fast the world needs to become Carbon Neutral to limit global warming to 1.5°C

# Challenge

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## <Action Plans>

- 1/3 of Japanese local governments (=585) already have Territorial Mitigation Plan (TMP). The plan is revised every 5-10 years.

= Experience are accumulated at local government level but drastic and timely revision of plans are needed.

## <Mid-term target>

- Local governments need to update their Mid-term Targets reflecting the updated Nationally Determined Contributions (NDC) which changed from -26% → -46% (and up to -50%) by 2030.

Collaboration with other stakeholders are required increasingly as the reduction target becomes more ambitious.

# Approach – City to City collaboration

Urbanization Rate = Japan: approx. 92% (Europe: approx. 75%)  
Forest Coverage = Japan: approx. 68% (Europe: approx. 38%)

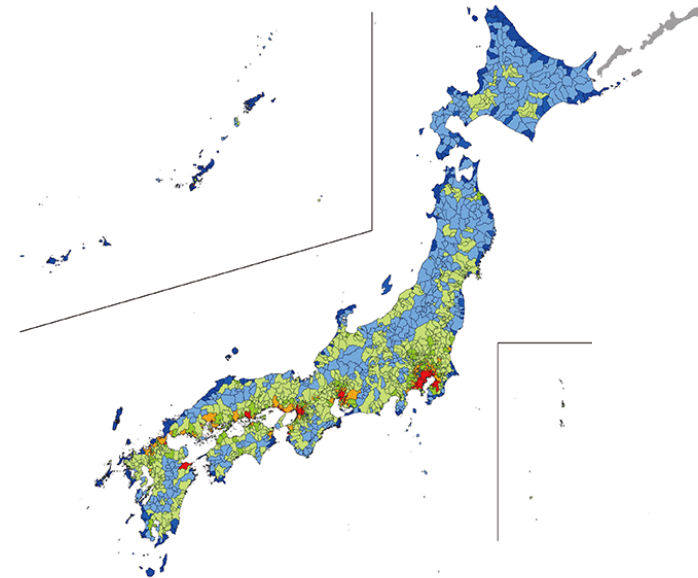
## Cities have different characteristics!

(City B) High Renewable Energy potential



(City A) High Economical Assets & Human Resource

Through collaboration, achieving  
“**Decarbonized, Sustainable and Resilient** society”  
(=Regional Circular Ecological Sphere: Local SDGs)



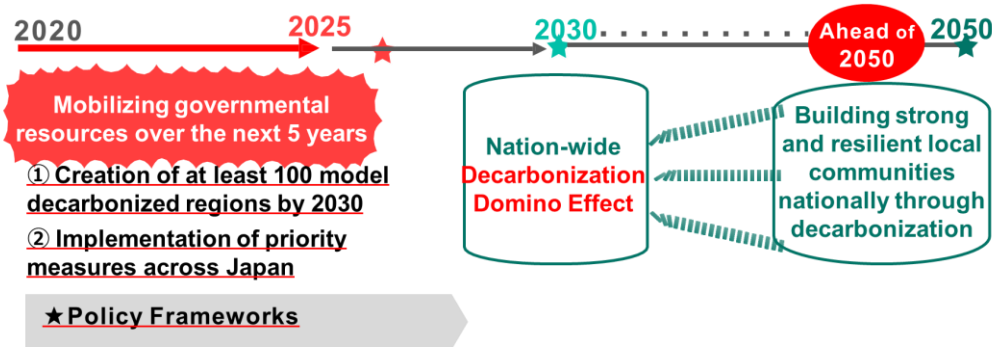
Renewable Energy Potential by Municipalities  
(Red=low, Blue=high)

# Approach – Multilevel & Replicate

## <Ambition Loop and Decarbonization Domino Effect>

National & Local Collaboration for higher ambition and replicate for speed

The Council for National and Local Decarbonization (December 25, 2020)  
Understanding the needs of local governments and what national government can do  
→formulated “[Regional Decarbonization Roadmap](#)” at its third meeting on June 9, 2021.



Implement in collaboration with policy programs such as the Green Food System Strategy, the Green Challenge for National Land Transport, and the Green Strategy for 2050 Carbon Neutrality.

Source: Ministry of Environment, Japan

### 1) Create Decarbonized Area

- Develop Roadmap for 100 Leading Decarbonized Areas by 2025
- Realize Decarbonization by 2030 (Decarbonized Domino Effect)

### 2) Develop regional implementation system and national support mechanism

- Human Resource (Dispatch Experts, capacity development of local stakeholders)
- Technical knowledge sharing (RE potential, local economic analysis)
- Funds

### 3) Lifestyle innovation by visualization

- Visualize CO<sub>2</sub> emission
- CO<sub>2</sub> reduction Points
- Decarbonization Ambassadors

# Stakeholder Engagement



# Stakeholder

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**Community**

**National  
Government**

**Universities/  
Academic  
Institutions**

**Youth**

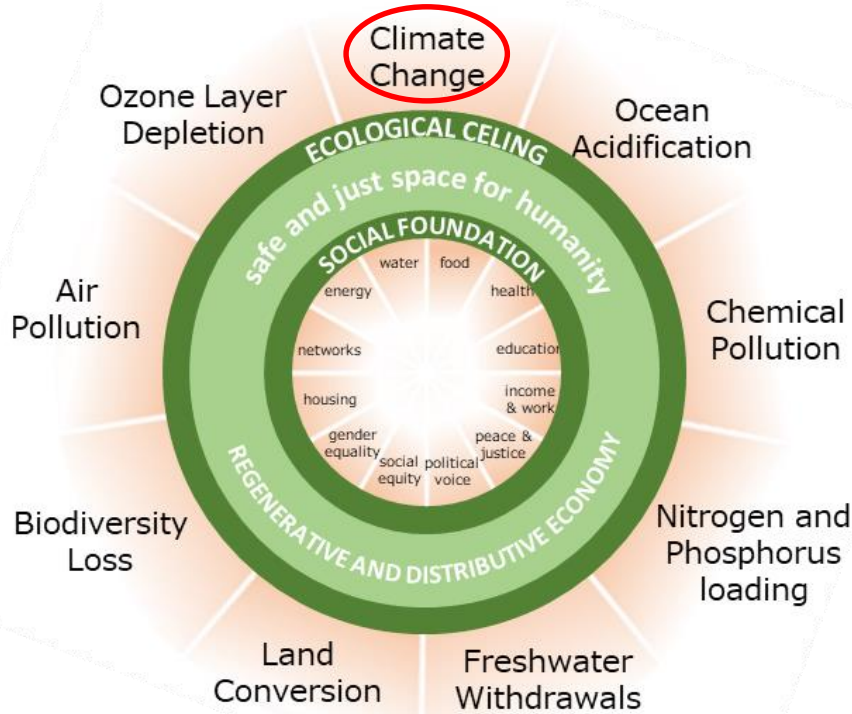
**Local  
Government**

**Private  
Companies**

**Researchers**

**NGOs/NPOs**

# Climate Change in wider perspectives



Environmental,  
Economic, and Social  
issues are indivisible

The Doughnut of social and planetary boundaries (Kate Raworth)

# SDGs as a tool



# Stakeholder engagement



In 2016, the government established SDGs Promotion Headquarters with the Prime Minister as the chair, the Chief Cabinet Secretary and Foreign Minister as vice chairs, and all ministers as members

→Regional Revitalization Public-Private Cooperation Platform (Cabinet Office)

地方創生SDGs  
官民連携  
プラットフォーム

<Current Members>

Municipalities: over 1017

Government Organizations: 16

Private Companies/Organizations: 4983

<Activities>

-Working Groups (cross cutting themes)

-Collaboration workshops

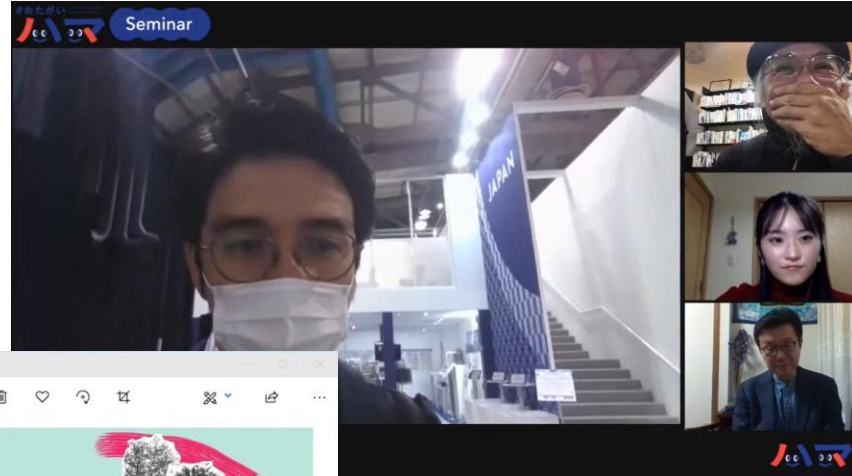
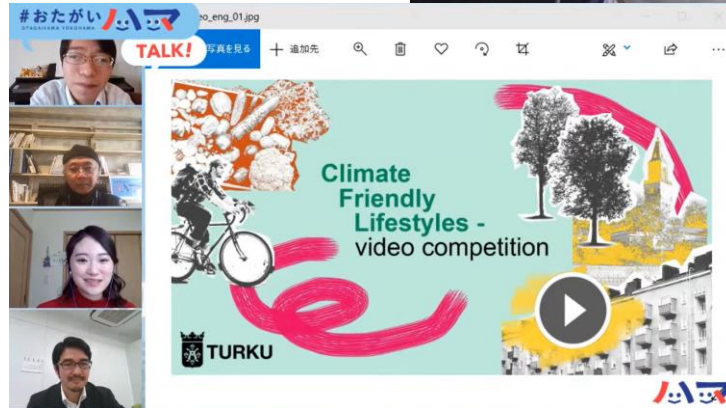
-Knowledge accumulation and exchange

# Other specific engagement

## Youth and NGOs

Case of Yokohama  
City supporting the activity of  
NGOs and Youth Groups  
(Engaging in the discussion of  
sustainability)

<Live from COP26>



NGO

Youth

Yokohama  
City

Youth Video Competition

# Other specific engagement



## Universities/ Academic Institutions

Conducting “1.5 Degree Lifestyles” Study with IGES and also with member local governments.  
Engaging citizens on understanding how the lifestyle might/need to change in the world limiting the global temperature rise within 1.5 degree.



**Thank you**



# Our Mission

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ICLEI – Local Governments for Sustainability (known as “ICLEI”) is a global network working with more than 2,500 local and regional governments committed to **sustainable urban development**.

Active in 125+ countries, we influence sustainability policy and drive local action for low emission, nature-based, equitable, resilient and circular development.

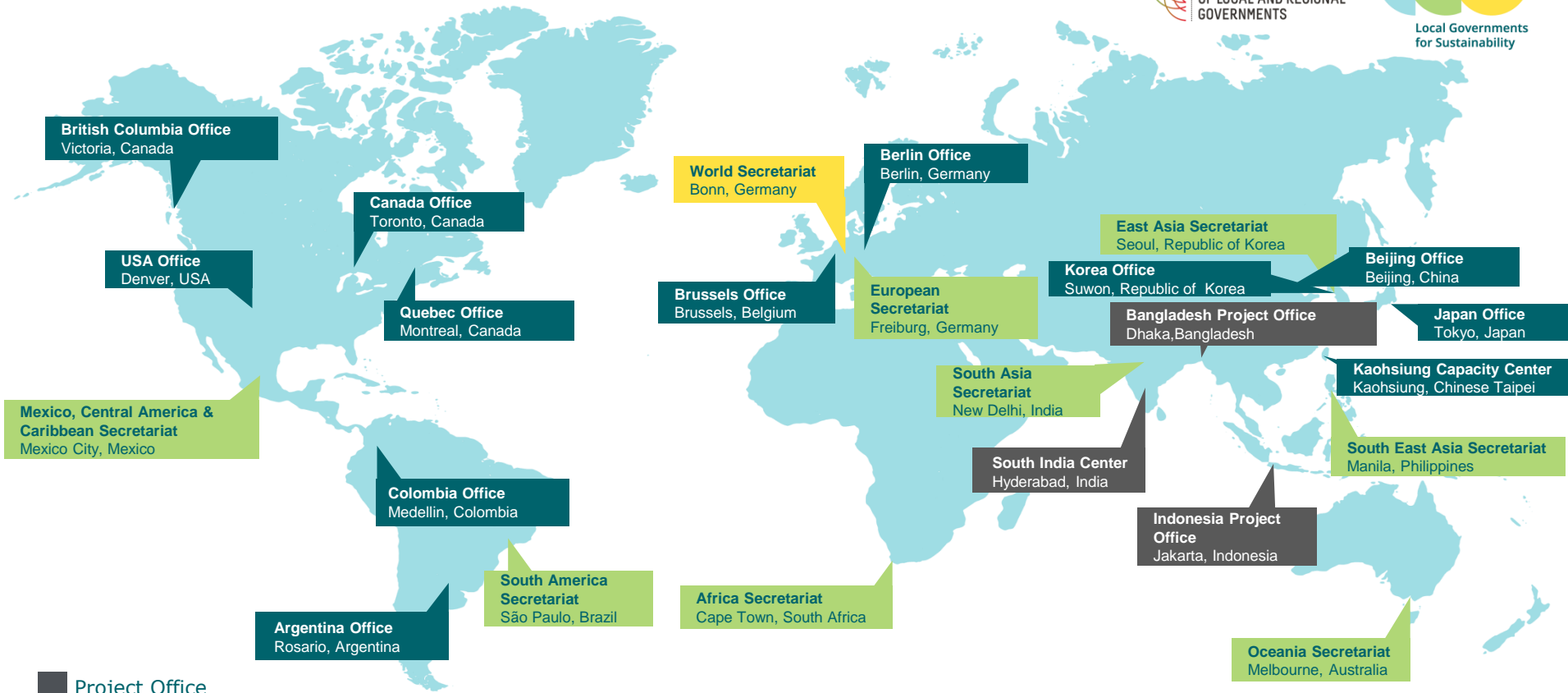
**2,500+ LOCAL  
AND REGIONAL  
GOVERNMENTS**

**ACTIVE IN  
125+  
COUNTRIES**

**300+  
EXPERTS IN  
24 OFFICES  
WORLDWIDE**



# Global Presence: 24 ICLEI Offices



- Project Office
- Country Office
- Secretariat office

# ICLEI Network of Local and Regional Governments committed to Sustainability



● ICLEI Member local and regional governments

● ICLEI Network local and regional governments

# Holistic Approach: Sustainable Development



We empower local and regional governments in the ICLEI network to outline, implement and report their ambitious climate and energy roadmaps for their government operations and territories, while creating multiple co-benefits, including socio-economic opportunities and improving the health of people and nature.



**LOW EMISSION  
DEVELOPMENT**



**NATURE-BASED  
DEVELOPMENT**



**EQUITABLE  
AND PEOPLE-  
CENTERED  
DEVELOPMENT**



**RESILIENT  
DEVELOPMENT**



**CIRCULAR  
DEVELOPMENT**

As a compass to shape and manage our actions in a rapidly changing world and to transform our cities, towns and regions, we will drive action through five critical, strategic and interlinked pathways that are the basis of sustainable urban development.