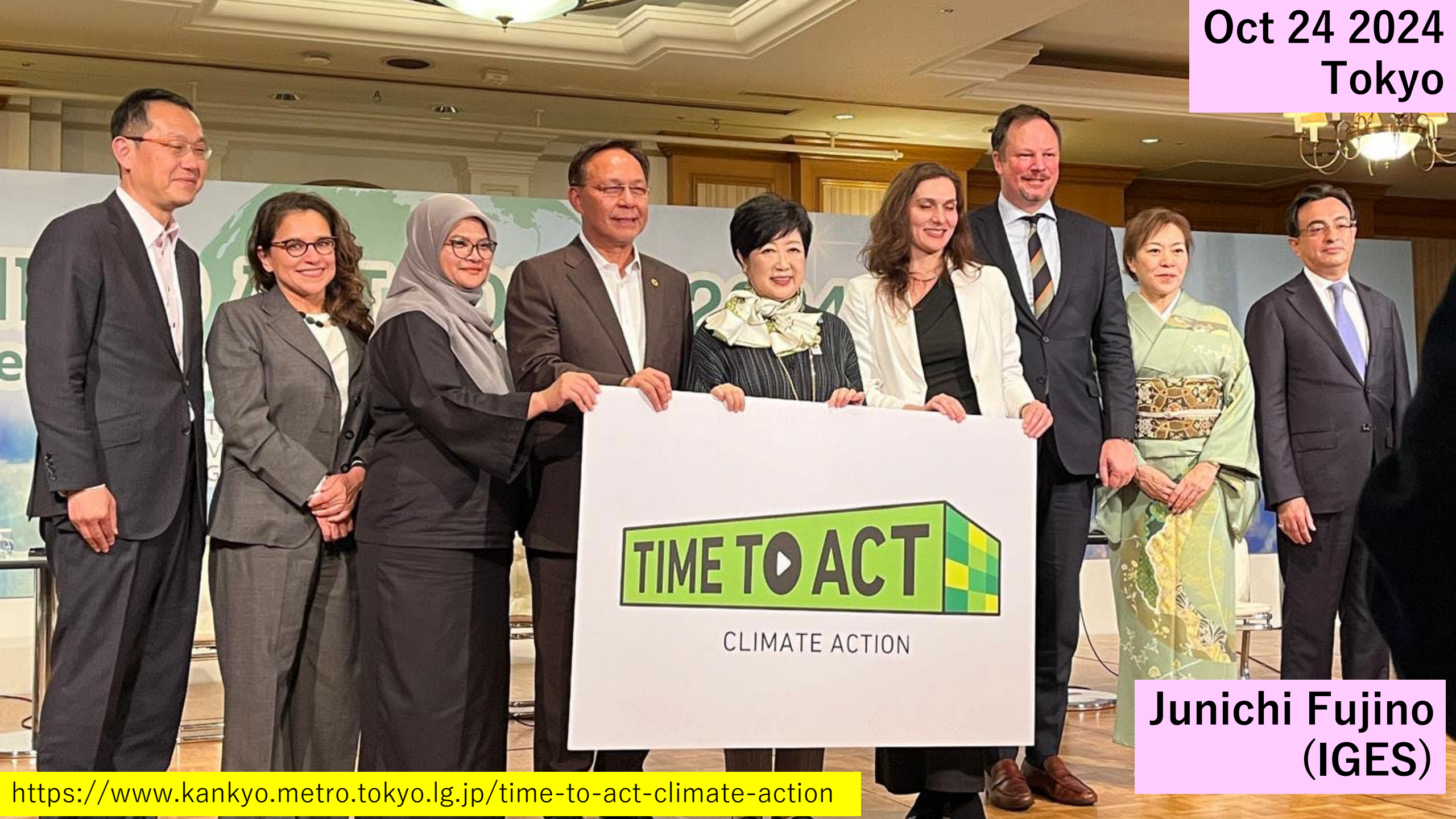


Oct 24 2024
Tokyo



Junichi Fujino
(IGES)

<https://www.kankyo.metro.tokyo.lg.jp/time-to-act-climate-action>

Oct 24 2024
Tokyo



**Kuala Lumpur
City Hall**

**Johor
Sustainability
Centre**

Oct 23 2024
OTO Youth Centre
Saitama



Johor looks for making
the first timber construction
“Sustainable Wooden Library”
in near future



Tokyo to Kuala Lumpur Low Carbon System (T2KLLCS): knowledge transfer on low carbon building systems

Tokyo Metropolitan Govt (TMG): The capital of Japan and the inventor of the first city based **Cap-and-Trade Program** for emissions from **buildings**

MOEJ City to city collaboration for a zero-carbon society

+ **Kuala Lumpur City Hall (KL):** The capital of Malaysia; announced **low carbon plan to reduce by 2030** carbon emission intensity of GDP by **70%** (national target 45%)

Aug. 2019
Kickoff mtg @
KL City Hall

TOKYO TO KUALA LUMPUR
LOW CARBON SYSTEM
(T2KLLCS)

Supported by IGES and
Malaysian institutions

TMG's know-how on **energy efficiency and renewable energy** in around **4200 public buildings** is transferred to **KL** for around **2000 public buildings**. KL has decided to prepare her own budget to **retrofit several main public buildings** in FY2021 based on **data analysis**. The city has announced its target to become **carbon neutral by 2050**.

Datuk Mahadi
New Mayor of KL
since Oct 2020,

Mr. Ogawa
Senior Director,
TMG

Second year: Hosted an International Conference

March
2021
online

Zero Carbon City International Forum (March 2021)

Governor of Tokyo



Offered policy recommendations to KL on buildings while reducing own emissions

Mayor of KL



Announced aim to achieve carbon neutral by 2050 with TMG's support

**Leader of Glasgow
Host of COP26**



Minister of Environment (at the time)



Praised the collaboration between TMG and KL saying it could serve as a good practice that could begin a domino effect for decarbonization

<https://www.iges.or.jp/jp/events/20210317>)

C40 World Mayors Summit @ Buenos Aires

Oct 2022
Buenos Aires



C40 Bloomberg
Philanthropy Award



C40 Bloomberg Philanthropy Award Ceremony
@ Buenos Aires

Cleaning the Air We Breathe

Winners: Beijing, Pune

Accelerating Immediate Action in Critical Sectors

Winners: Addis Ababa, Amsterdam

Building Climate Resilience

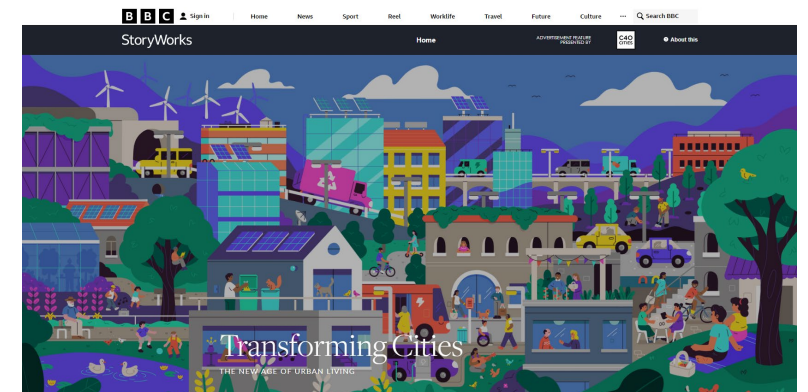
Winners: Dhaka North, Metropolitan Area of Guadalajara

Innovative Climate Solutions

Winners: Freetown, São Paulo

Building a Climate Movement

Winners: Seattle, Tokyo / Kuala Lumpur



BBC Storyworks – Transforming Cities

Third year : Discussions begin on the “Wangsa Maju Carbon Neutral Growth Center”

The private sector in the district also participated in the discussions on specific initiatives.

- (1) Solar on Infrastructure
 - 1a. Rooftop Solar PV
 - 1b. Solar for Pedestrian Mist
- (2) Floating Solar PV
- (3) District Energy System



Energy

- (4) Anaerobic Digester
- (5) Waste Composting Plant
- (6) Waste Recycling Points



Waste

- (7) Open Space and Forest Protection
- (8) Vertical/Roof Garden
- (9) Linear Urban Parks
- (10) River Cleaning



Green & Open Space



Mobility

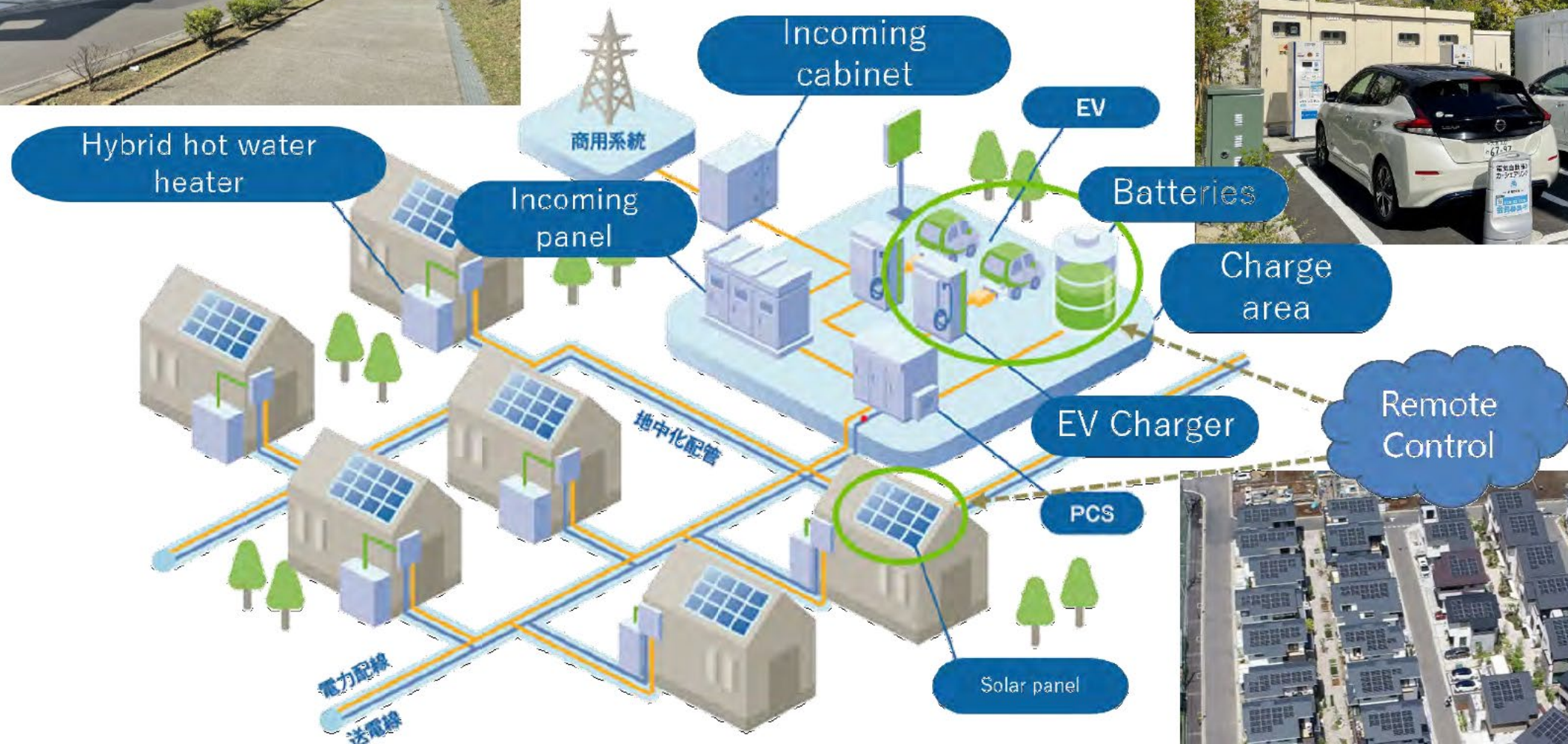
- (11) Pedestrian Cycling Network
- (12) Public Transportation Improvement
- (13) Station Area Planning



Community

- (14) Eco Park
- (15) Community Farming
- (16) Introduce Community Water and Energy Saving Program
- (17) Transforming the Existing Resident Association into Carbon Neutral Community
- (18) Zero Waste Community
- (19) Carbon Neutral Challenge Program in Schools
- (20) Strengthen School Community through Concentrated Efforts

Smart Home Community Resilience with Local Grids



Sustainable Wooden Architecture

Highly Airtight and Insulated Houses

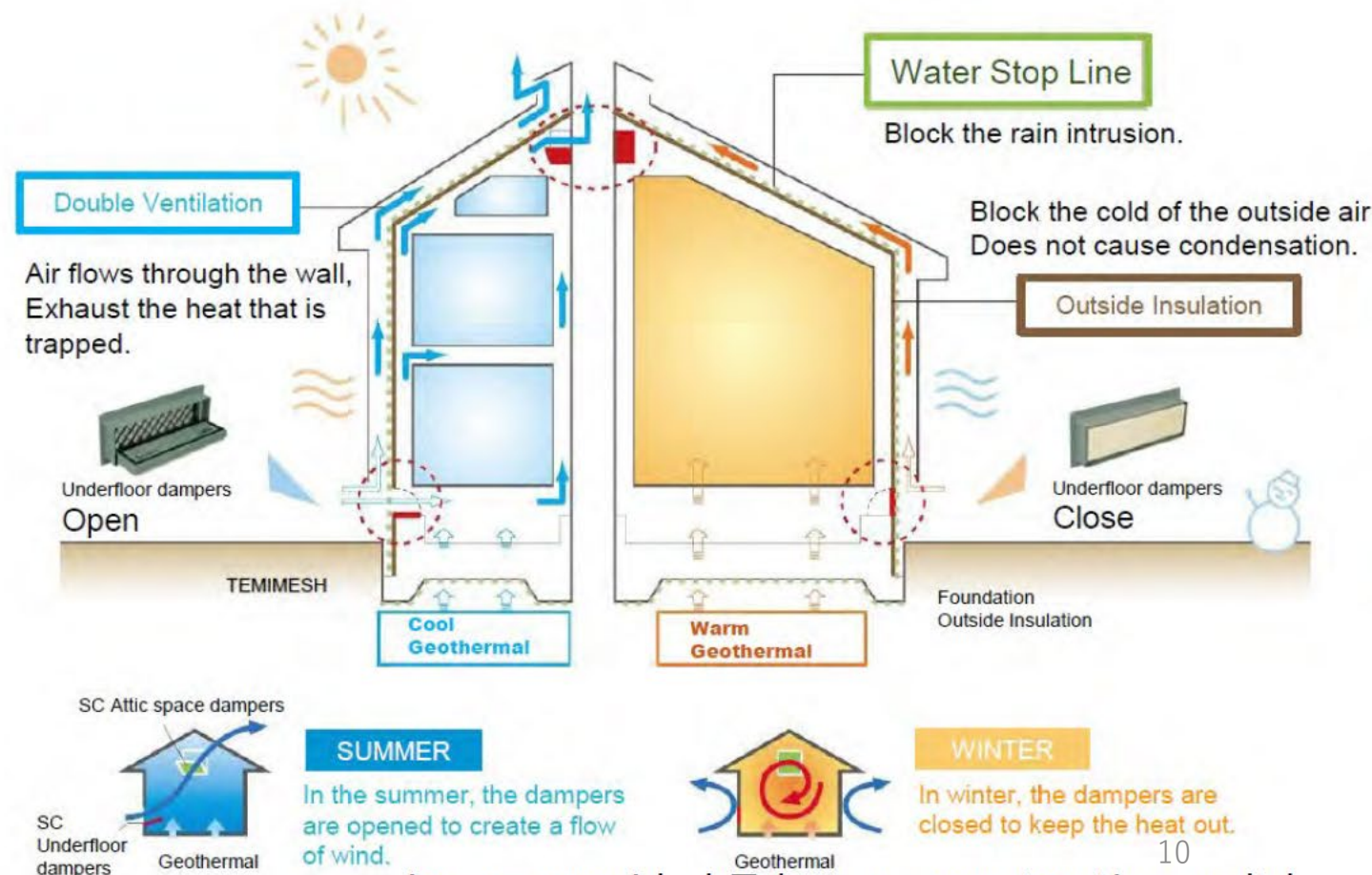


image provided: Takasago construction co, ltd

Saitama City Mayor Shimizu to KL High Level Talks 2023

Aug 2023
KL

Mayor Shimizu of Saitama City made a key note speech. SEDA speaks about Malaysia's national policies



Mayor Shimizu (Saitama) , Ambassador Takahashi (Embassy of Japan)
SEDA, JICA Malaysia Office, JETRO Kuala Lumpur, JACTIM



KL Mayor Kamalzaman and
Saitama Mayor Shimizu



T-REX site visit



SDG s Center visit



Wangsa Maju visit

UTM expert on timber construction visits Saitama

July 2024
Saitama



UTM visits Saitama's forest, lumber yard and the construction site (2024.07.26-27)

JOHOR CENTRE FOR SUSTAINABILITY

LETTER OF COLLABORATION PDT-WORLD BANK GROUP



**Nov, 2023
UNFCCC
Asia-Pacific
Climate Week
@Johor**



Johor Queen



**Prof. Ho Chin Siong
UTM**

This SATREPS (JST-JICA) project (2011-2016) produced huge outputs/outcomes and still on-going activities!

**2011-
2016**

SCIENCE AND TECHNOLOGY RESEARCH PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT PROGRAM (SATREPS)



Project for Development of Low Carbon Society Scenarios for Asia Regions 2011

Ho Chin Siong and Matsuoka Yuzuru

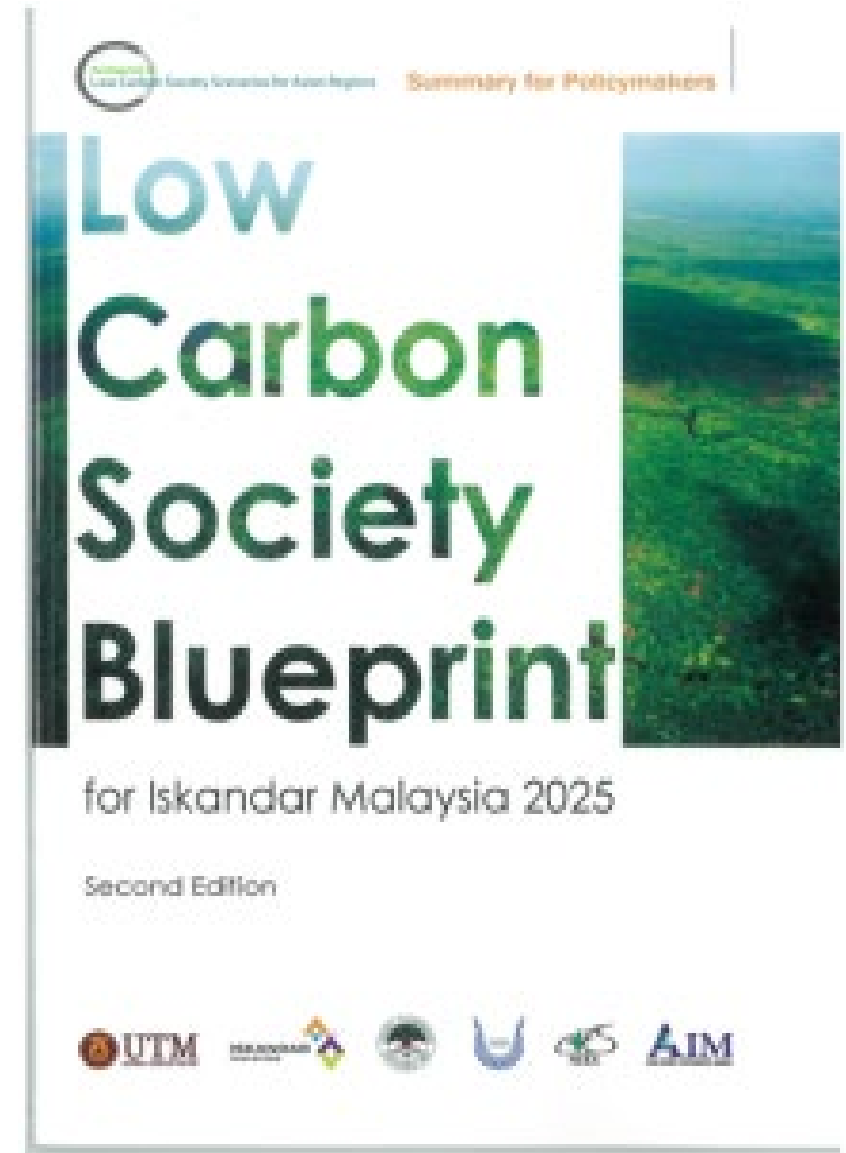
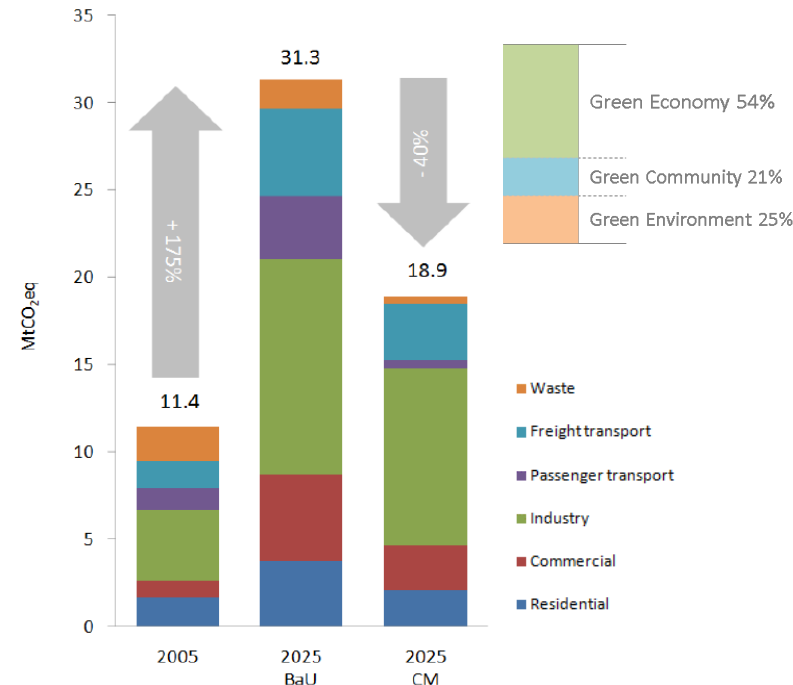
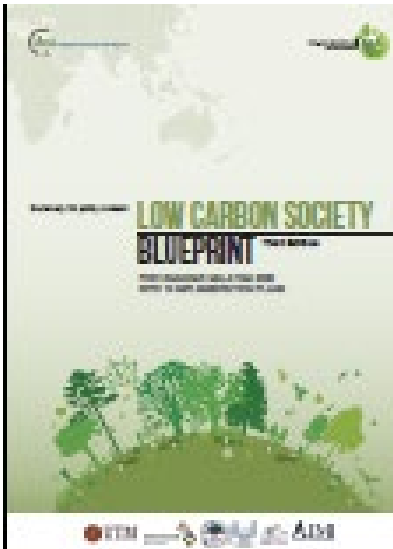


Iskandar Regional Development Authority (IRDA) Developed LCS blueprint based on scientific output of SATREPS projects

2013



- ✓ Document that presents comprehensive climate change mitigation policies and detailed strategies to guide development of Iskandar Malaysia
- ✓ Stress on the **holistic and integrated approach to decouple economy and environment development**
Comprise of two principal components:
 - I) Narrative on growth scenarios, policies, measures and programs to achieve a minimum targeted **40% reduction in carbon emission by 2025** based on the 2005 level and;
 - II) **scenario-based modelling** and projection of carbon emission reductions achievable.





A New Form of Environmentally-Friendly City for the Future

Global warming is the worldwide problem. In Malaysia, communities are working together on a new initiative with the goal of achieving a “low-carbon society.” A Japanese research team is providing support for this project.



The workbook for Iskandar's “Eco-Life Challenge.” Participants use this checklist for reference and take on various ecological challenges.



Investigating the composition of household trash to use as a reference for recycling projects and educational activities.

Discussing the progress of the project with members of the collaborative research. (Professor Matsuyaka is on the right side.)



Today

COP 29 JAPAN PAVILION

Solutions to the world
COP29 JAPAN PAVILION

Channel / Stage sound for headphones

