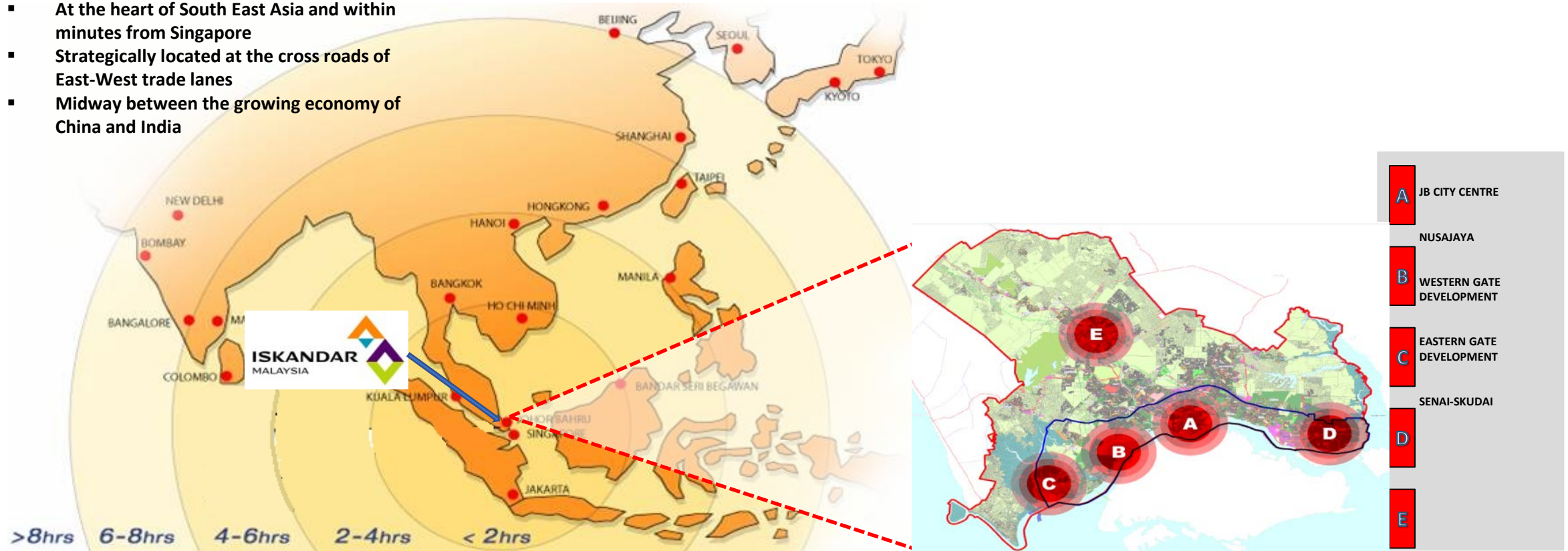


Iskandar Malaysia Vision “Strong and Sustainable Metropolis of International Standing”

+

LCS scenario research
(Low Carbon Society)
by SATREPS (JST/JICA)
scheme

- At the heart of South East Asia and within minutes from Singapore
- Strategically located at the cross roads of East-West trade lanes
- Midway between the growing economy of China and India



Low Carbon Society Blueprint for Iskandar Malaysia 2025

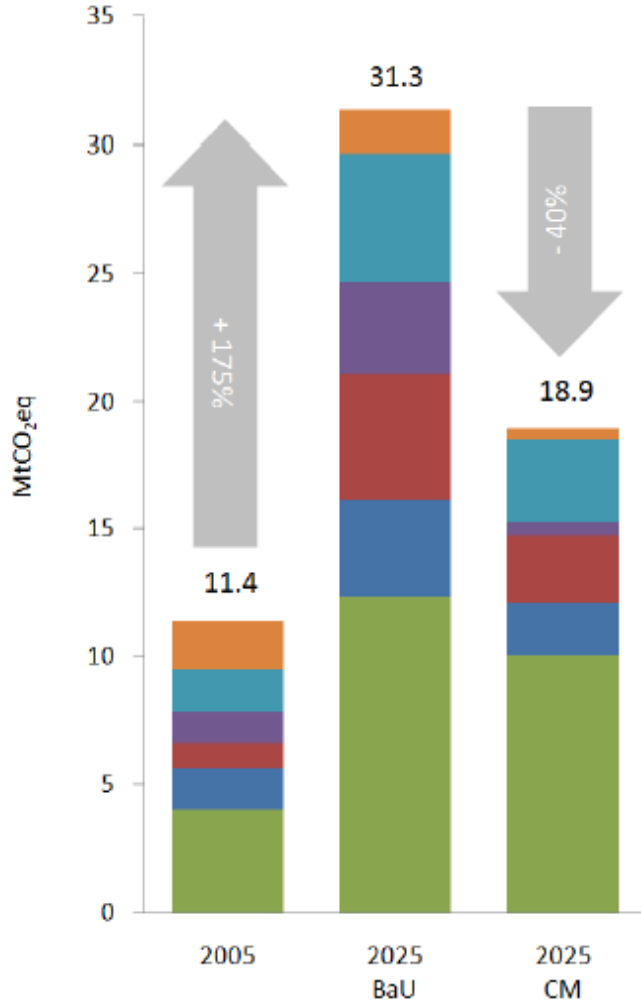
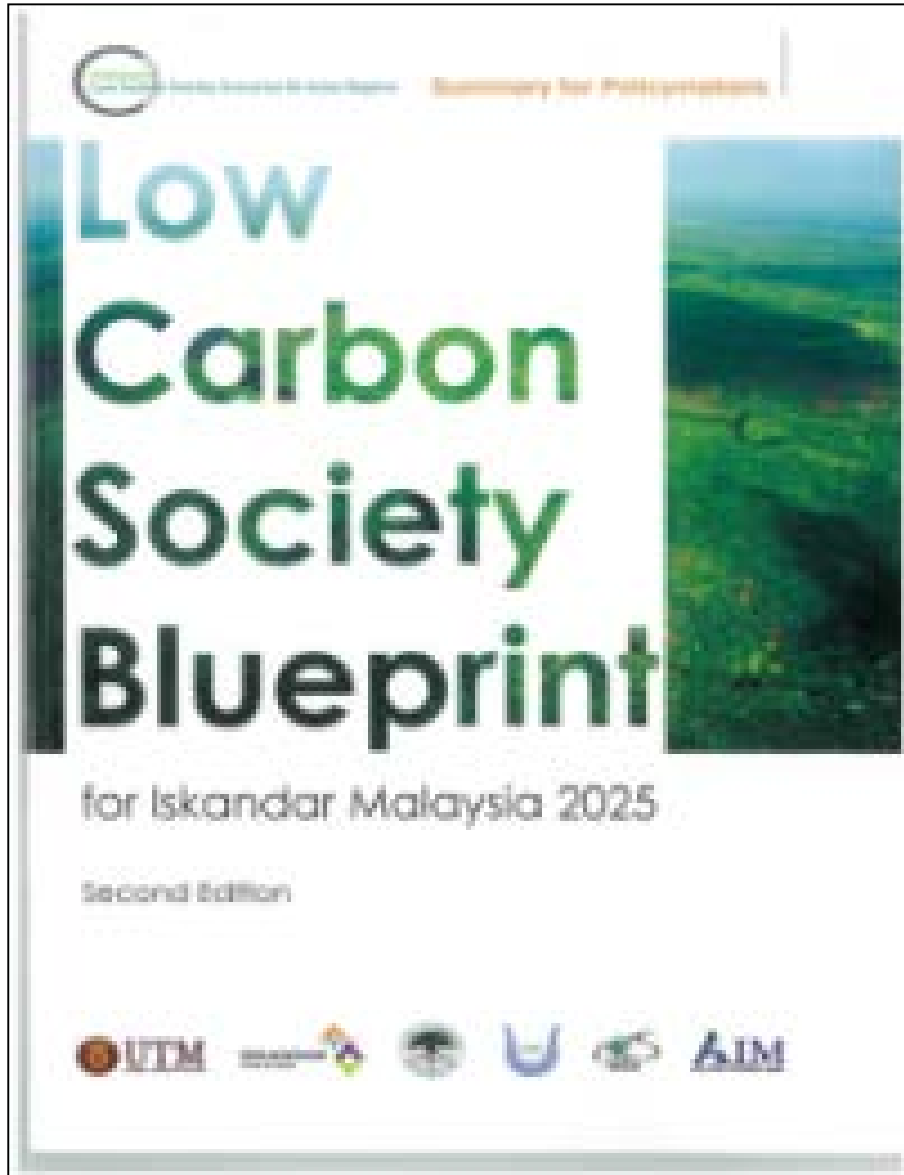


Figure 1: GHG emissions by sectors

	Action Names
1	Integrated Green Transportation
2	Green Industry
3	Low Carbon Urban Governance
4	Green Buildings & Construction
5	Green Energy System & Renewable Energy
6	Low Carbon Lifestyle
7	Community Engagement & Consensus Building
8	Walkable, Safe, Livable City Design
9	Smart Growth
10	Green and Blue Infrastructure & Rural Resources
11	Sustainable Waste Management
12	Clean Air Environment

12 action, 281 program

Science to Action (Theory and Practice)

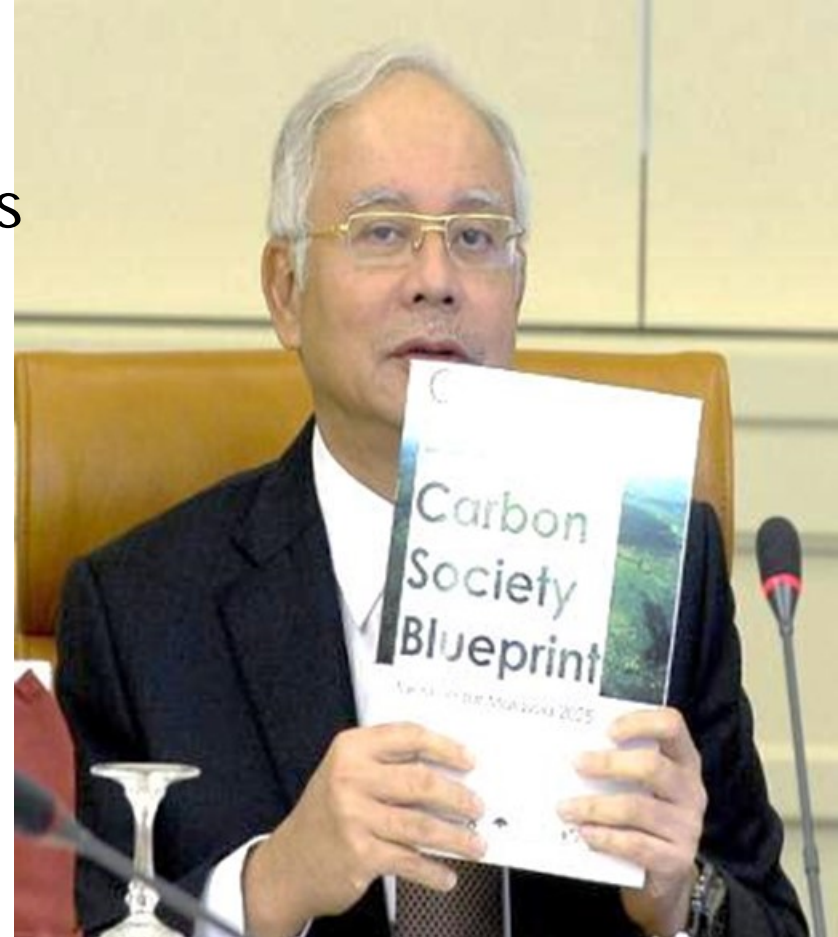
Japanese experience on
Low Carbon Scenarios & Roadmaps

+

Malaysian challenge on
Implementation of Low Carbon Visions



Premier of Malaysia provided
permission in the 13th IRDA
Steering Committee to start
the Iskandar Low Carbon
Society planning
(December 11th, 2012)



Local & International Launches



COP 18,
Doha



MOA,
2012



MOA,
2013



COP 19,
Warsaw



COP 20,
Lima



COP 21,
Paris



MOA,
2015



AIC, 2016



COP 22, Marrakech

Low Carbon Publications



2009

2012

2013

2014

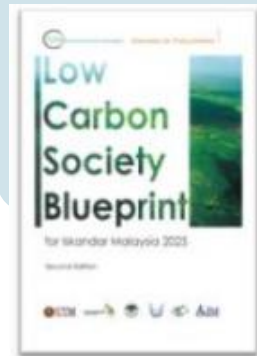
2015

2016

* Preliminary Study: Brochure Low Carbon City 2025 Sustainable Iskandar Malaysia



*Low Carbon Society Blueprint for Iskandar Malaysia 2025 - Summary for Policymakers



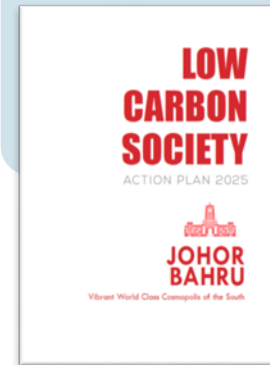
*A Roadmap towards Low Carbon Iskandar Malaysia 2025
*Iskandar Malaysia: Action for a Low Carbon Future



*Low Carbon Society Brochures for 5 Local Authorities



*Low Carbon Society Action Plan 2025 for 5 Local Authorities in Iskandar Malaysia (Johor Bahru, Johor Bahru Tengah, Pasir Gudang, Kulai & Pontian)



*Iskandar Malaysia Green House Gas Inventory 2015



Low Carbon Society Projects 2016

ISKANDAR
REGIONAL
DEVELOPMENT
AUTHORITY



ISKANDAR
MALAYSIA
2006 - 2016



CASBEE / Comprehensive Assessment
ISKANDAR / System for Built Environment
Efficiency



- To create awareness of Low Carbon Society (LCS) among students, teachers and their families in achieving the target of carbon reduction by 2025.
- Collaboration IRDA, JPNJ, UTM, MIM and Japan (Kyoto City)
- 231 primary schools and 28,000 year 6 student
- Recorded 290,219.3 KgCO₂eq.

AIMS:

- to establish long-term partnerships between stakeholders. An umbrella platform to implement marine and coastal initiatives;
- to encourage proactive management of coastal resources involving technical government agencies, researchers, NGOs, the private sector;
- To empower local champions as the main beneficiary of the PESISIR programme.

- In 2016, CASBEE Iskandar Manuals (for Urban, City and Building) pilots have been completed and adopted by IRDA
- Globally launched at COP22 Marrakech, 9 Nov 2016
- Next step: Establish CASBEE Iskandar Centre (CIC) in order to further promote, implement and manage the CASBEE Iskandar development.

LCS implementation: Transfer Knowledge from Tokyo to Malaysia

- Collaborative team comprised by UTM (University Technology Malaysia)/TMG (Tokyo Metropolitan Government)/AIM transfers the building monitoring and reporting program which initiated by TMG.
- We works together with Putrajaya Corporation (PJC) and Iskandar Region Development Authority (IRDA).
- Trainings, workshops and intensive discussions many times among both cities' staffs, TMG's staffs and experts have been conducted.

