

Low Carbon Society in Iskandar Malaysia Information and Updates

By Idzuan Azam Abdullah, Senior Vice President, Public-Private Partnership
Iskandar Regional Development Authority (IRDA), Malaysia

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VISION : A Strong & Sustainable Metropolis Of International Standing



2,300 sq km or 570,000 acres
 Strategically located at the cross roads of East-West trade lanes
 Within minutes to Singapore
3 times the size of Singapore

Indicators	Year 2 (2005)	Projected (2025)
GDP (USD)	20 billion	93 Bil
Per capita GDP (USD)	14,790	*31,100
Employment	0.610 million	1.428 Mil
Population	1.8 million (2013)	3.0 Mil

9 Focus Economic Sectors



Services – Financial, Tourism, Education, Logistics, Healthcare & Creative

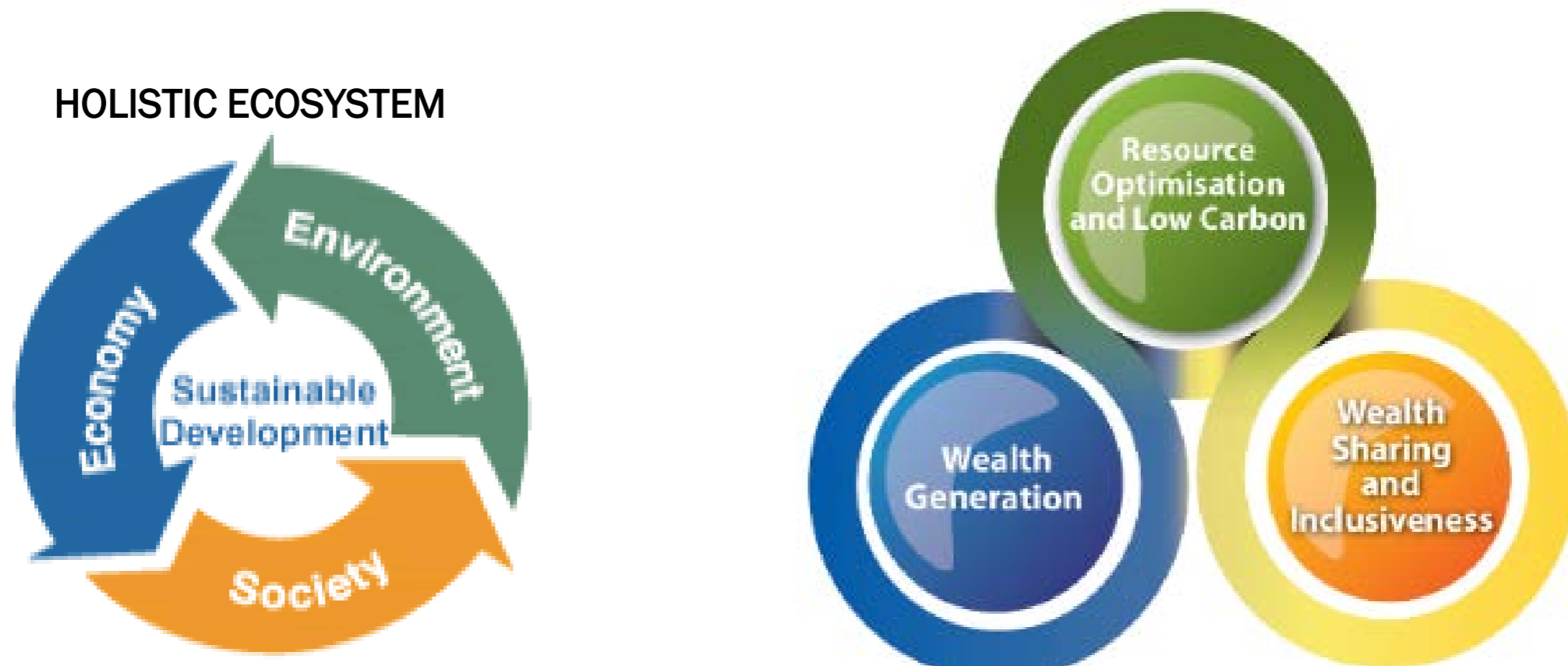


Manufacturing – Electrical & Electronics, Oleo- & Petrochemicals, Food & Agro-Processing

Iskandar Malaysia Vision

“Strong and Sustainable Metropolis of International Standing”

HOLISTIC ECOSYSTEM



Iskandar Malaysia Holistic Eco-system

A resilient ecosystem, anchored by wealth generators, creating regional wealth that is to be shared equally among communities. Wealth generation and wealth sharing, balanced by optimal use of ecological assets, would enhance the Quality of Life in Iskandar Malaysia, turning it into a leading global region. Alongside this, spatial management and good governance would enable the realization of its vision and goals by 2025.



Development of a Low Carbon Iskandar Malaysia



Malaysia's Commitment on climate: COP15 Copenhagen (17 Dec 2009)

YAB Datuk Seri Najib Tun Razak, Prime Minister: “voluntary reduction **up-to-40%** in terms of emission intensity of GDP by the year 2020 compared to 2005 levels”. COP 21 Paris - Reduction up to **45%** in terms of **emission intensity of GDP** by 2030 compared to 2005 levels.

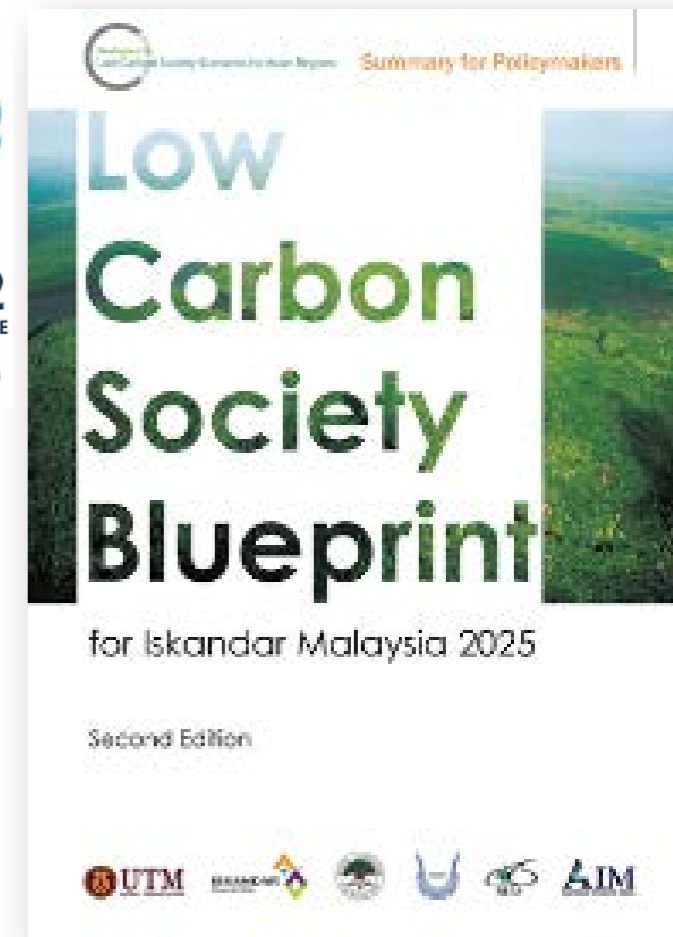
Low Carbon Society Blueprint for Iskandar Malaysia 2025 – 1st global launching at COP18 (Doha, 2012)

COP19 Warsaw (Nov 2013) - LCSBPIM Roadmap & Book “Actions for a Low Carbon Future” (programme implementation)

COP20 Lima (Nov 2014) - Low Carbon Society Brochures for 5 Local Authorities in Iskandar Malaysia

COP21 Paris (Nov 2015) - Low Carbon Society Action Plan 2025 for 5 Local Authorities in Iskandar Malaysia

COP22 Marrakech (Nov 2016)- Iskandar Malaysia Green House Gas Inventory 2015





Development of the Building Energy Monitoring & Reporting System (BEMRS) in Iskandar Malaysia



Planning and Target timelines

BEMRS is one of the key actions in the LCSBPIM under Action 3: Low Carbon Urban Governance



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





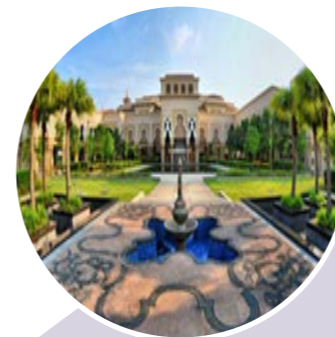
BEMRS : Summary and Way Forward



- 2 training workshops had been conducted (24-26 Feb 2016, Tokyo and 16-17 Oct, JB)
- Lessons Learn from Tokyo Metropolitan Government in case studies
- Proposing Building Energy Audit in Each LAs in IM (2016-2018)
- **Next:**
 - a) Designing a reporting manual from a pilot building (2017)
 - b) Financial Incentive in promoting reporting scheme (target 2018)



Pilot Project 1-2 Energy Audit Showcases in Government (each LAs) / IRDA Building and Develop a friendly template (Timeline: 2017)



Phase 1 All Government Buildings (Timeline: 2018-2022)



Phase 2 All Main Commercial Buildings (Timeline: 2022-2025)



Phase 3 Other Buildings (Timeline: 2026-2029)

In collaboration with:



TOKYO METROPOLITAN GOVERNMENT





Green Investment Opportunities in Iskandar Malaysia



Green Technology Application/Adoption in Current Industries / Sectors

- . Renewable Energy (Solar, Waste etc.) Solutions
- . Energy Efficiency Systems, Protocols, Products & Services
- . Retrofitting
- . Green Public Transportation System

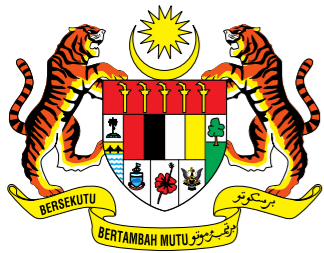


Green Technology Incorporation for New Investments

- . Building complies to Green Requirement (Codes, Materials & Equipment) Development
- . Green Economy Guidelines
- . Supply Chain Efficiencies (Energy, Water & Waste (3R))
- . Carbon Accounting/Reporting



Developing Research & Development (R&D) on Green Technology (Tool & Technology Developers)



THANK YOU



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