

International Conference of Low Carbon Asia

Stabilising Climate Through Low Carbon Actions in Asia: The Road to COP21 and Beyond



Boyd Dionysius Jouman
Head, Environment
Double Tree, Hilton, Johor Bahru, 11 Oct 2015

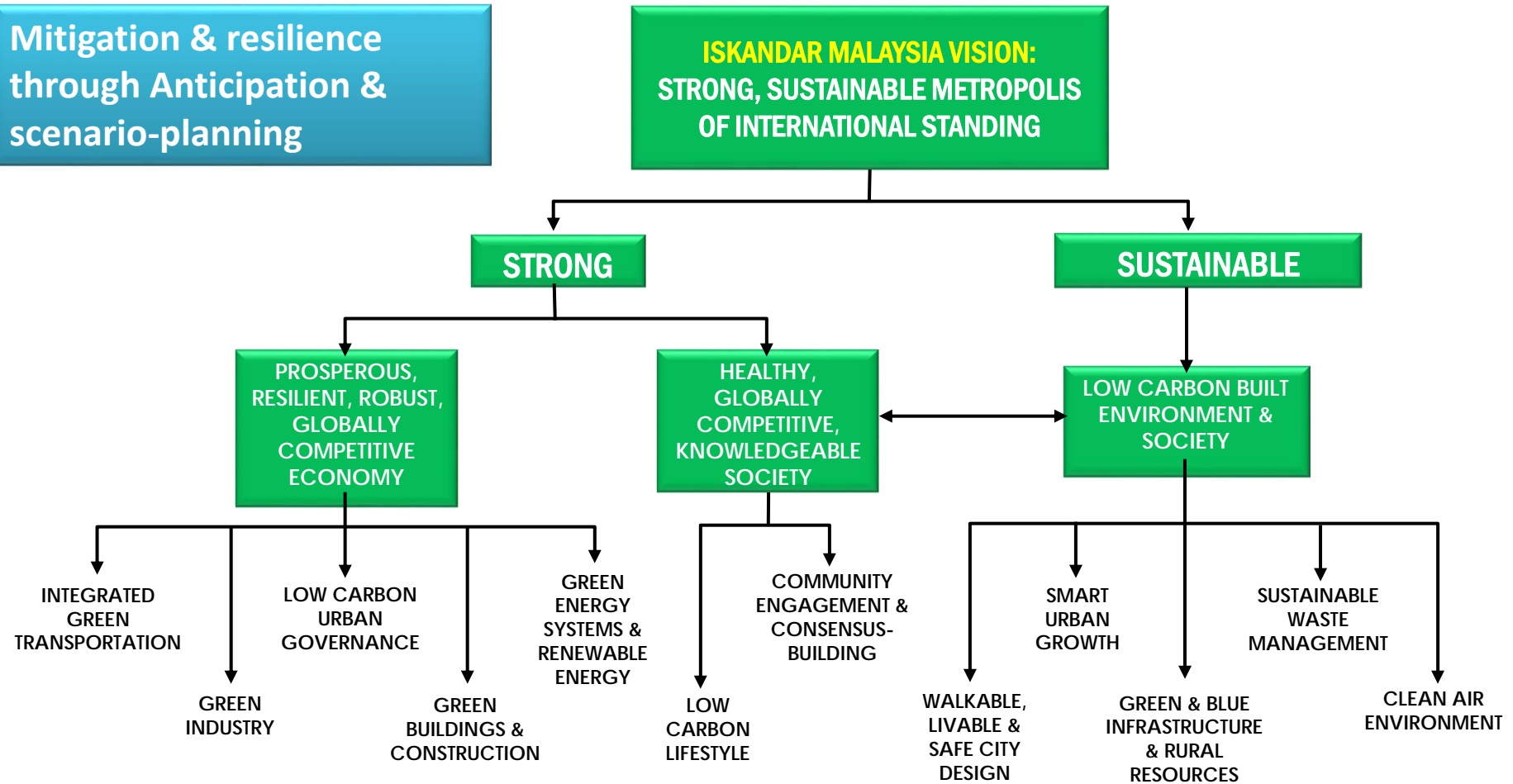
Iskandar Malaysia Vision

**“Strong and Sustainable Metropolis of
International Standing”**

Green-focused Agenda - Rationale

Aligning IM's Vision with Low Carbon Society Development

Mitigation & resilience through Anticipation & scenario-planning



Background: Low Carbon Cities & a Low Carbon Region



Malaysia's Commitment: COP15 Copenhagen (17 Dec 2009)
YAB Datuk Seri Najib Razak, Prime Minister: "... voluntary reduction up-to-40% in terms of emission intensity of GDP by the year 2020 compared to 2005 levels". **2014 – achieved 30%**



Low Carbon Society Blueprint for Iskandar Malaysia 2025 - Global launching COP18 (Doha) Nov 2012
LCSBP Implementation Booklet 'Actions for a Low Carbon Future', COP19 (Warsaw), Nov 2013; **Mini-Stern Report - The Economics of Low Carbon Cities, June 2014 (by Leeds University).**



Smart City Framework for Iskandar Malaysia – Nov 2012
Green as New Consumer Culture, New Market, New Growth with Green Credentials
- Preparing LCS Action Plans for 5 LAs in Iskandar Malaysia
- OECD-IRDA Study – Urban Green Growth in Dynamic Asia

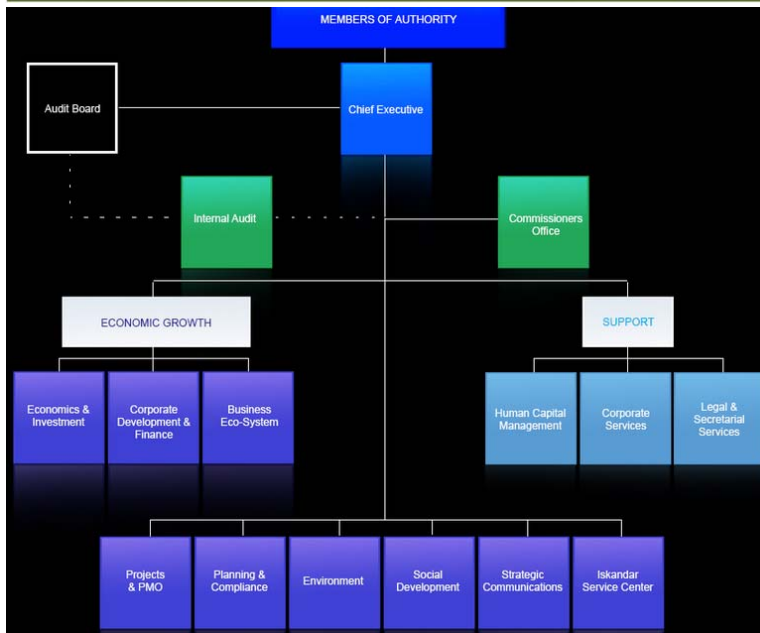


SE4ALL – Sustainable Energy for All initiative (under Global Energy Acceleration Platform program (GEEAP))
Iskandar Malaysia – selected at the Climate Summit, NYC, Sept 2014 at the UN. TOYAMA City

LCS Policy-Making into Iskandar Malaysia's Comprehensive Development Plan ii (CDPii)



The astute planning and management of the economic region's resources – through the Green-Focused Agenda, Low Carbon Society blueprint and Smart City Framework – has been noticed by many national and international organisations and Governments:



**Creation of the Environment Division, IRDA
1st January 2013**



A resilient ecosystem, anchored by:

- **Wealth generators**
- **Wealth generation**
- **Wealth-sharing**

Realisation via spatial management and good governance

LCSBPIM embedded in CDPii, appearing as part one of the holistic eco-system – Chapter (Resources Optimization & Low Carbon)



Strong Government Support in Infrastructure Enablers



Hard Infrastructure

>RM9 billion Government Spending in Iskandar Malaysia since 2006

RMK 11 – **RM26 billion** requested for public transportation, environment, safety & security
To improve Quality of Life



2011

River cleaning



2012

Sg Segget transformation



2015

Bus Rapid Transit



2016 - 2020

High Speed Rail



Strong government support in Infrastructure Enablers



Soft Infrastructure – Education and Human Capital

Safety and Security



UTM - Research University

4 Trust schools include Medini Trust Schools
New public and government linked universities,
community colleges



577 (415) CCTVs installed
27 Community Police Posts
2 new IPDs and 2 under construction
>100 Auxilliary Police deployed



Promising Financial & Business Services



Promoted sub-sectors

- ✓ Offshore financial services
- ✓ Financial shared services and outsourcing
- ✓ Islamic banking and finance
- ✓ Knowledge development and research hub
- ✓ Financial and other professional services





Industrial Parks 2.0



- ✓ Safeguard Compound
- ✓ Hi Speed Broad Band
- ✓ Clean and Green Environment
- ✓ One Stop Industrial and Commercial
- ✓ Space Customization Solution
- ✓ Comprehensive Business Eco System
- ✓ Beautiful Landscaping
- ✓ One stop advisory services
- ✓ Workers Dormitory



TPM TECHNOPARK



Petabuhan Tanjung Pelepas Sdn. Bhd.

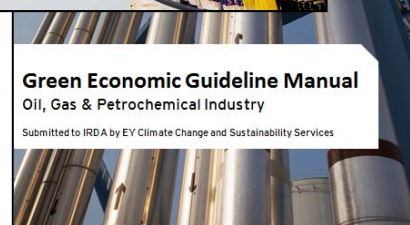
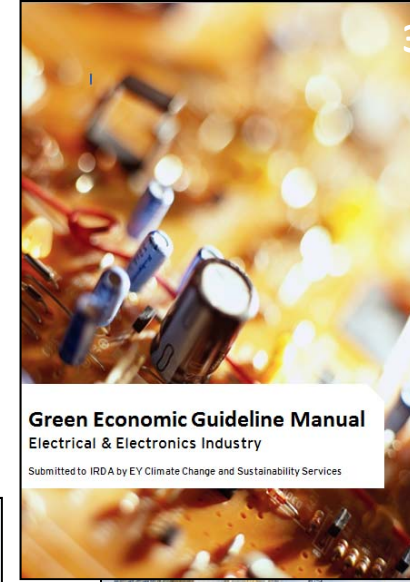
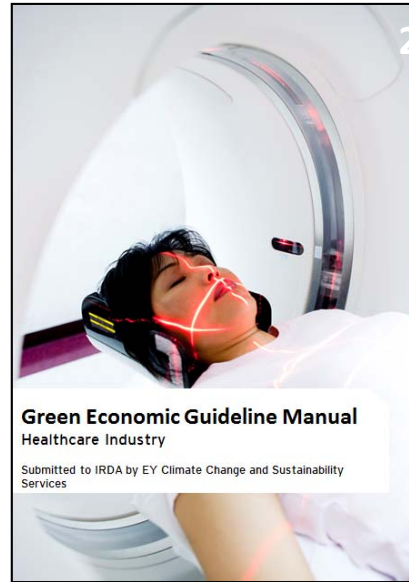


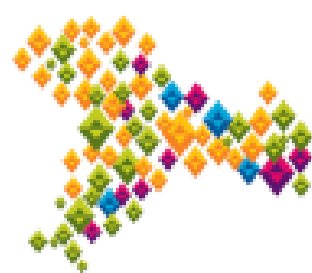
silan nusajaya

Senai HI-TECH PARK



Green Economy Guidelines Implementation in IM





INVEST ISKANDAR MALAYSIA 2015

Iskandar Malaysia

A Strong & Sustainable Metropolis of International Standing



ISKANDAR MALAYSIA Investment Update

Engku Ahmad Kamel
Director, Economics & Investments

29th September 2015

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Moving Forward: Low Carbon Society Blueprints for 5 Municipalities within Iskandar Malaysia



JOHOR BAHRU CITY COUNCIL MBBJ
Low Carbon Society

The project is an initiative of the Low Carbon Society, which is a key pillar of the Iskandar Malaysia Development Plan 2025. It aims to create a vibrant, world-class cosmopolis of the south, with a focus on sustainable development and innovation. The project will be implemented in phases, starting with the development of the city center and the surrounding areas. The project will be implemented in phases, starting with the development of the city center and the surrounding areas. The project will be implemented in phases, starting with the development of the city center and the surrounding areas.

UTM, MAMPU, JICA, SATREPS



Johor Bahru

Vibrant world class cosmopolis of the south



JOHOR BAHRU TENGAH MUNICIPAL COUNCIL MPJBT
Low Carbon Society

The project is an initiative of the Low Carbon Society, which is a key pillar of the Iskandar Malaysia Development Plan 2025. It aims to create a green, livable city and a creative innovation belt, with a focus on sustainable development and innovation. The project will be implemented in phases, starting with the development of the city center and the surrounding areas. The project will be implemented in phases, starting with the development of the city center and the surrounding areas.

UTM, MAMPU, JICA, SATREPS



Johor Bahru Tengah

Green livable city & creative innovation belt



PASIR GUDANG MUNICIPAL COUNCIL MPPG
Low Carbon Society

The project is an initiative of the Low Carbon Society, which is a key pillar of the Iskandar Malaysia Development Plan 2025. It aims to create a green and clean industrial port city, with a focus on sustainable development and innovation. The project will be implemented in phases, starting with the development of the city center and the surrounding areas. The project will be implemented in phases, starting with the development of the city center and the surrounding areas.

UTM, MAMPU, JICA, SATREPS



Pasir Gudang

Green & clean industrial port city



KULAIJAYA MUNICIPAL COUNCIL MPKU
Low Carbon Society

The project is an initiative of the Low Carbon Society, which is a key pillar of the Iskandar Malaysia Development Plan 2025. It aims to create a smart, integrated logistic hub, with a focus on sustainable development and innovation. The project will be implemented in phases, starting with the development of the city center and the surrounding areas. The project will be implemented in phases, starting with the development of the city center and the surrounding areas.

UTM, MAMPU, JICA, SATREPS



Kulaijaya

Smart integrated logistic hub



PONTIAN DISTRICT COUNCIL MDP
Low Carbon Society

The project is an initiative of the Low Carbon Society, which is a key pillar of the Iskandar Malaysia Development Plan 2025. It aims to create a clean energy and agro-biodiversity hub, with a focus on sustainable development and innovation. The project will be implemented in phases, starting with the development of the city center and the surrounding areas. The project will be implemented in phases, starting with the development of the city center and the surrounding areas.

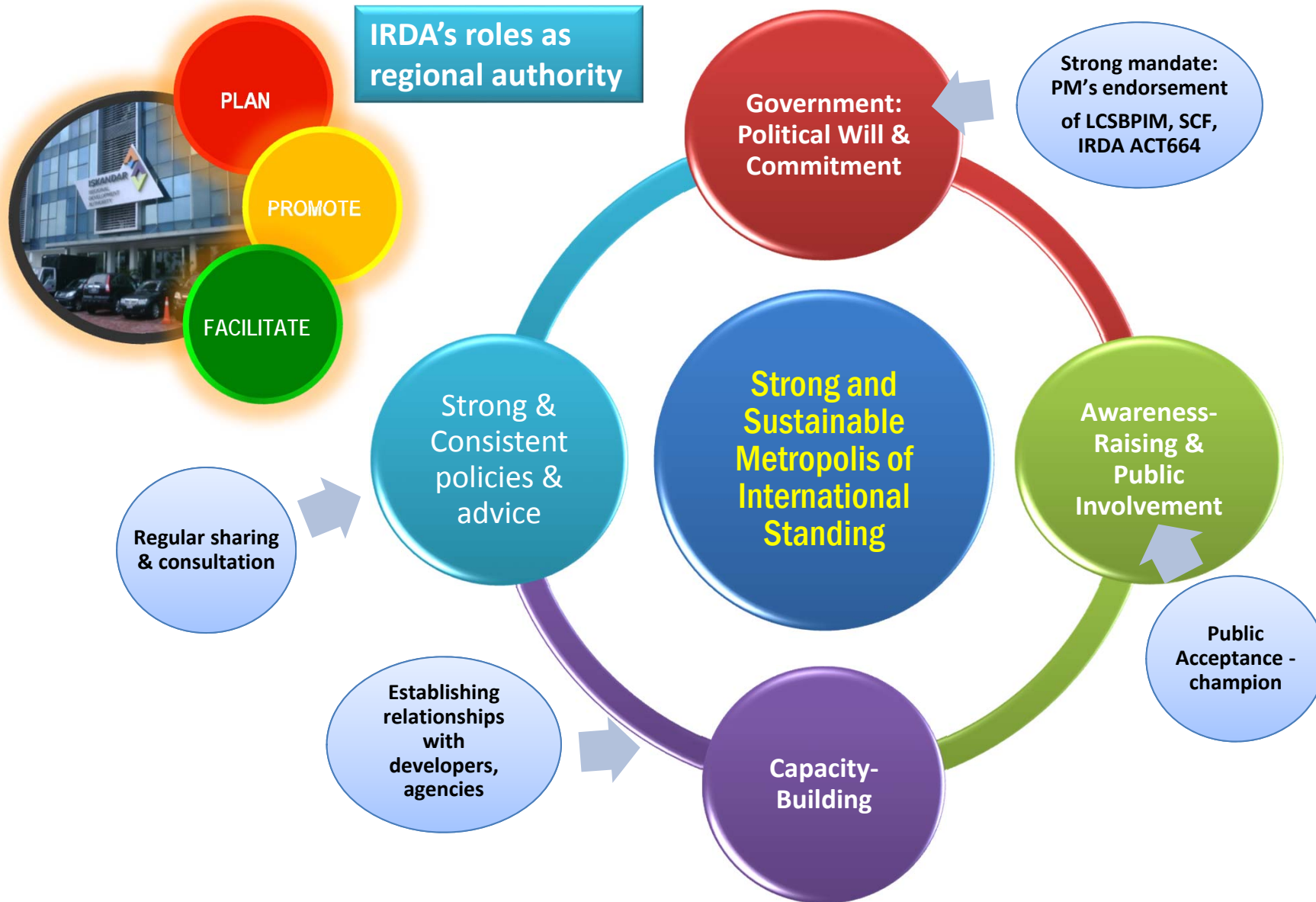
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Pontian

Clean energy and agro-biodiversity hub

Mechanisms for Success of the LCSBPIM



THANK YOU! KOTOHUADAN!

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RCE ESD (Regional Centre of
Expertise on Education for
Sustainable Development) – **RCE
Iskandar**

**UTM-LOW CARBON ASIA
RESEARCH CENTRE**

