



GOVERNMENT OF MALAYSIA

DESIGNING CIRCULAR CITIES IN MALAYSIA



RESOURCES OPTIMISATION & LOW CARBON: Overview of Circular Economy Initiatives in Iskandar Malaysia

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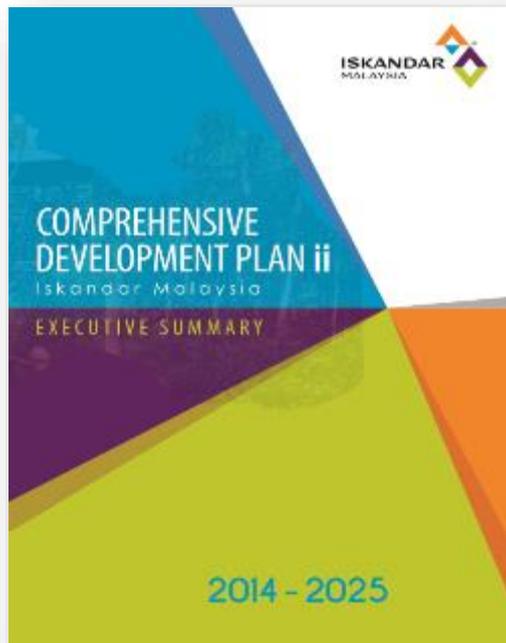


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Iskandar Malaysia: Vision

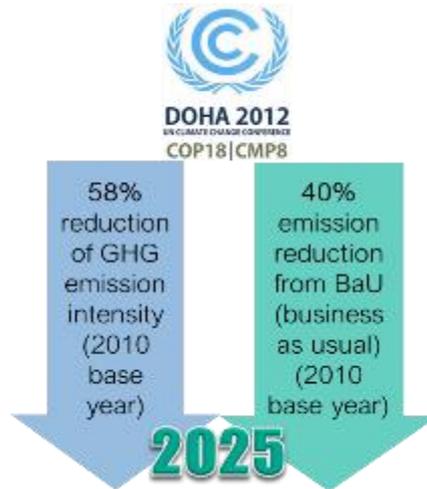
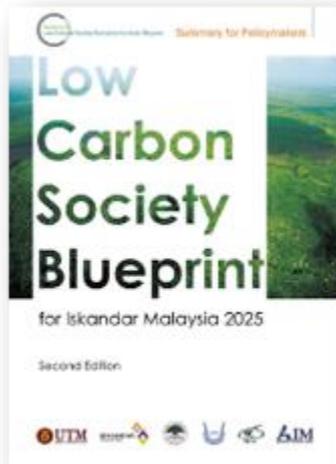
“**Strong** and **Sustainable** Metropolis of International Standing”



Iskandar Malaysia Holistic Eco-system

Resilient ecosystem: wealth generators, creating regional wealth that is shared among communities. Wealth generation and wealth-sharing, optimal use of ecological assets and enhanced Quality of Life. Robust spatial planning and management and good governance would enable the realisation of its Vision and goals by 2025.

Low Carbon Society Blueprint for Iskandar Malaysia 2025 >>> 2030



- Launched: 30 Nov 2012, COP18 Doha, Qatar;
- **A guide for Govts, agencies/policy-makers, businesses, NGOs and communities;**
- 12 Actions grouped into 3 Themes with a total of 281 Programmes;
- **Each Action contains an analysis, list of programmes and potential reduction of GHG emission;**
- June 2020: 76 programmes done; 186 on-going;
- **2017: 13% GHG intensity reduction.**

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



GREEN ECONOMY GUIDELINES: Implementation

INDUSTRIAL SYMBIOSIS & ECO-TOWNS:

**Collaboration with
Kitakyushu City & Other
International Funders**

WASTE TO ENERGY:

**Private Sector
Collaborations**

DECARBONISING TECHNOLOGIES:

**Collaboration with
Toyama City**

SINGLE-USE PLASTICS & MARINE POLLUTION:

**Collaboration with Johor
State Government through
Johor Low Carbon Council**

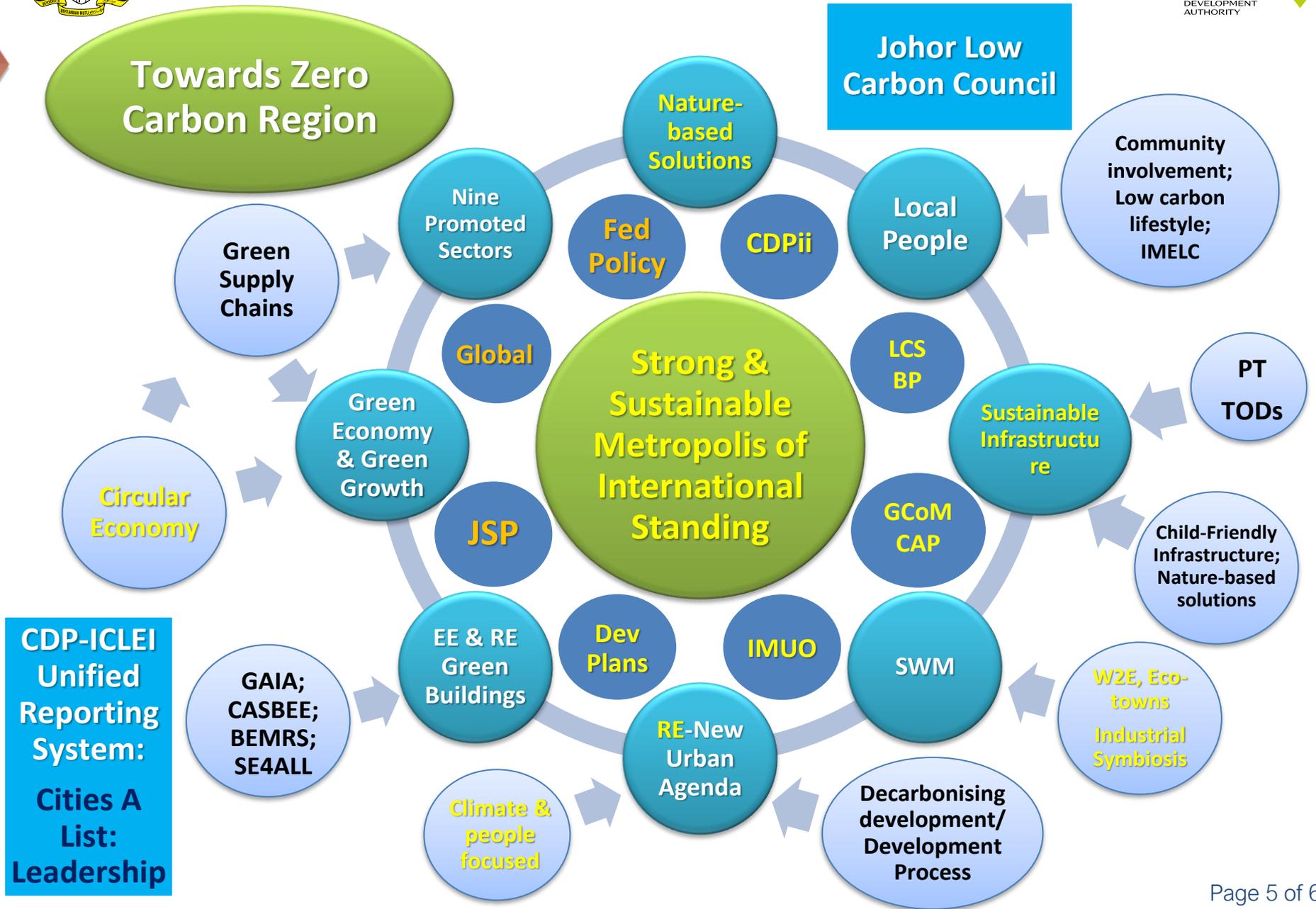


Circular Economy Initiatives: What we have to do from now -

Policies/Programmes/Initiatives	Platforms/Channels
<p>Objective 1: Continue to build the momentum that has been already been created with all stakeholders within Iskandar Malaysia through various projects/initiatives - community green projects; Eco-Life Challenge for Schools; FELDA Low Carbon Village; PESISIR platform;</p>	<ul style="list-style-type: none">• Local communities• Federal & State Governments• Local Authorities (Low Carbon Society Action Plans)• Academia (Education Dept, UTM, Schools)• PESISIR• Businesses• Developers• NGOs & Other Interest Groups
<p>Objective 2: Take advantage of the current momentum international focus and the public attention on marine plastic pollution/SUP to raise political and social priorities for circular economy and society.</p>	
<p>Objective 3: Engage the public and media in a continuing and regular dialogue to deepen IRDA's current circular economy strategies and initiatives and enhance everyone's involvement.</p>	
<p>Objective 4: Implement the "Iskandar Declaration on the Environment" to get Commitment to Environmental Sustainability.</p>	



Low Carbon Society Iskandar Malaysia 2030





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THANK YOU

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