

# PERBADANAN PUTRAJAYA



Future City Initiative International Forum

8<sup>th</sup> February 2015, Thistle Hotel Johor Bahru, Malaysia



**Towards Putrajaya Green City 2025 (A case study of Malaysia)**

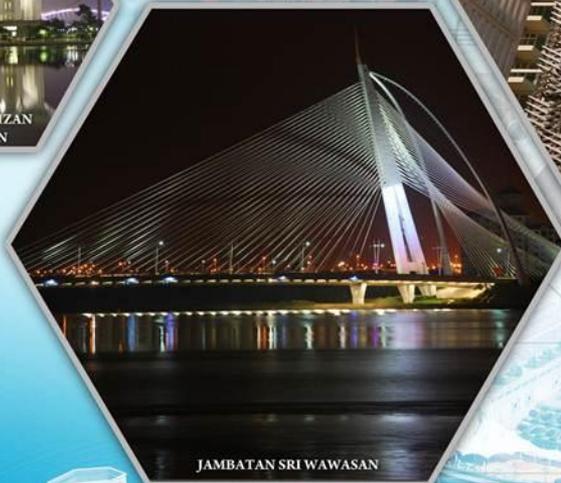
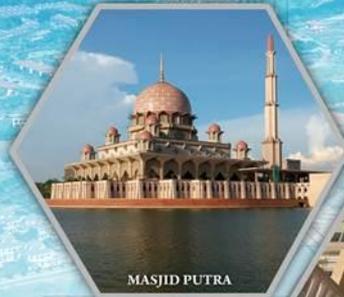
Dato' Omairi bin Hashim, Vice President (City Planning), Perbadanan Putrajaya

# Outline of Presentation

1. Introduction
2. Future Initiative : Putrajaya Green City 2025 (PGC2025)
3. Way Forward



# PERBADANAN PUTRAJAYA



## Introduction

# Vision & Functions

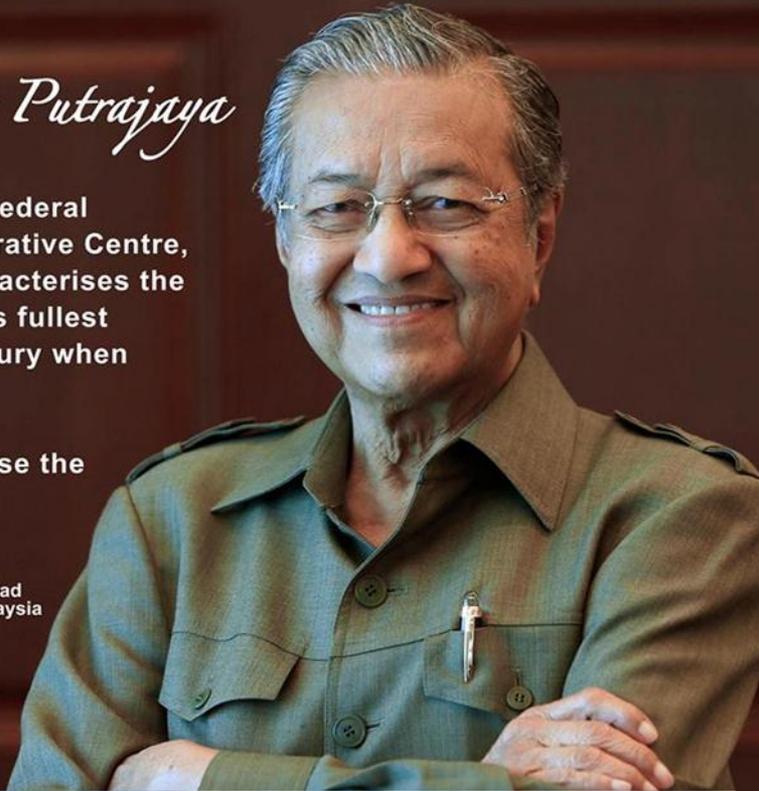
## *The Vision for Putrajaya*

“Putrajaya - the new Federal Government Administrative Centre, will be a city that characterises the spirit of Malaysia in its fullest sense in the 21st century when it is completed...”

Putrajaya will symbolise the nation’s aspirations”

Tun Dr. Mahathir Mohamad  
4th Prime Minister of Malaysia

August 1995



PMO & Putra Mosque October 1996- June 1999

April 1994

Main Function

Federal Government  
Administrative Centre

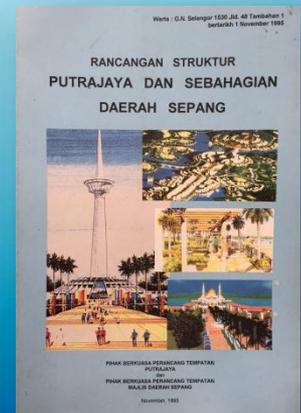
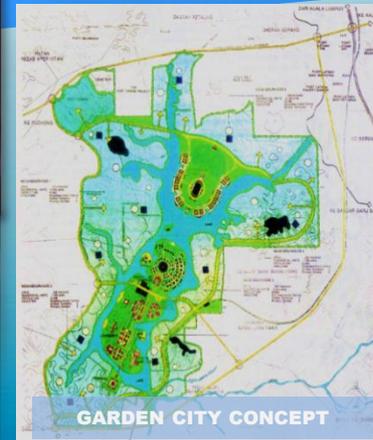
Complementary Functions

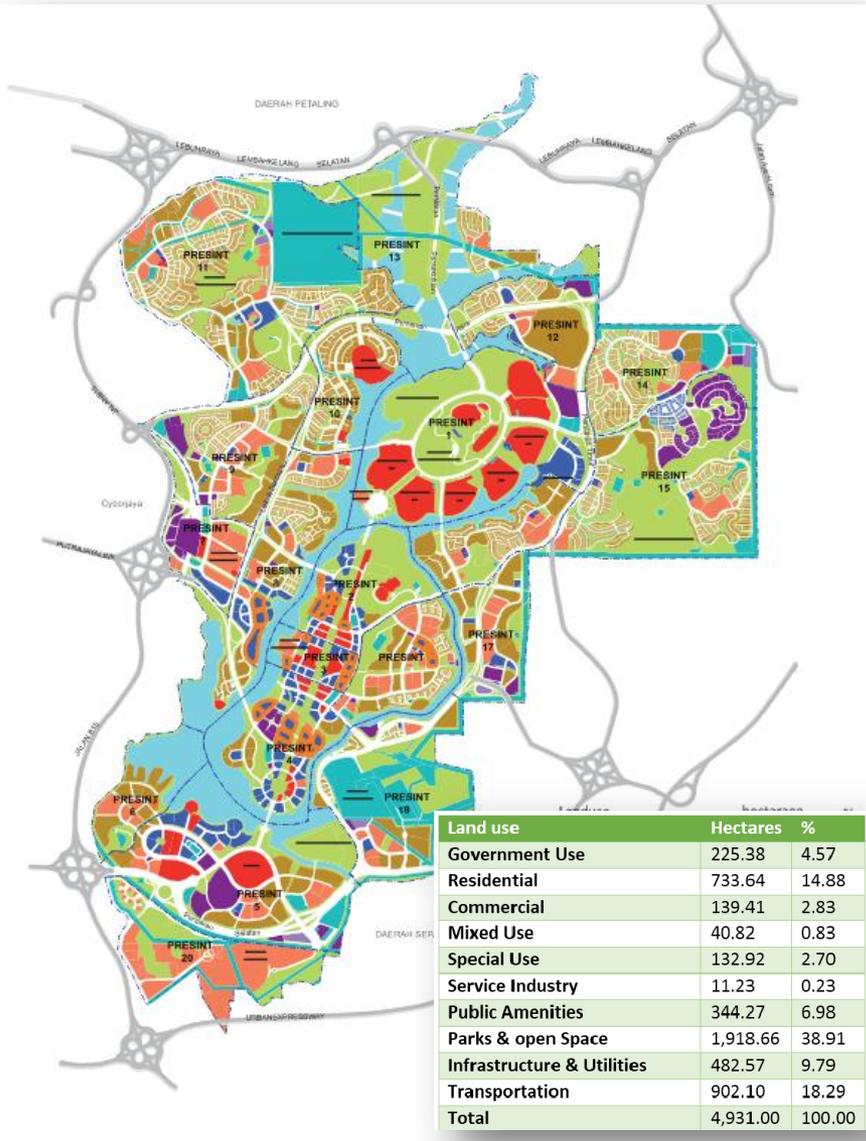
Commercial & Regional HQ

Sports And Recreation

Tourism & Convention

Foreign Mission  
Education

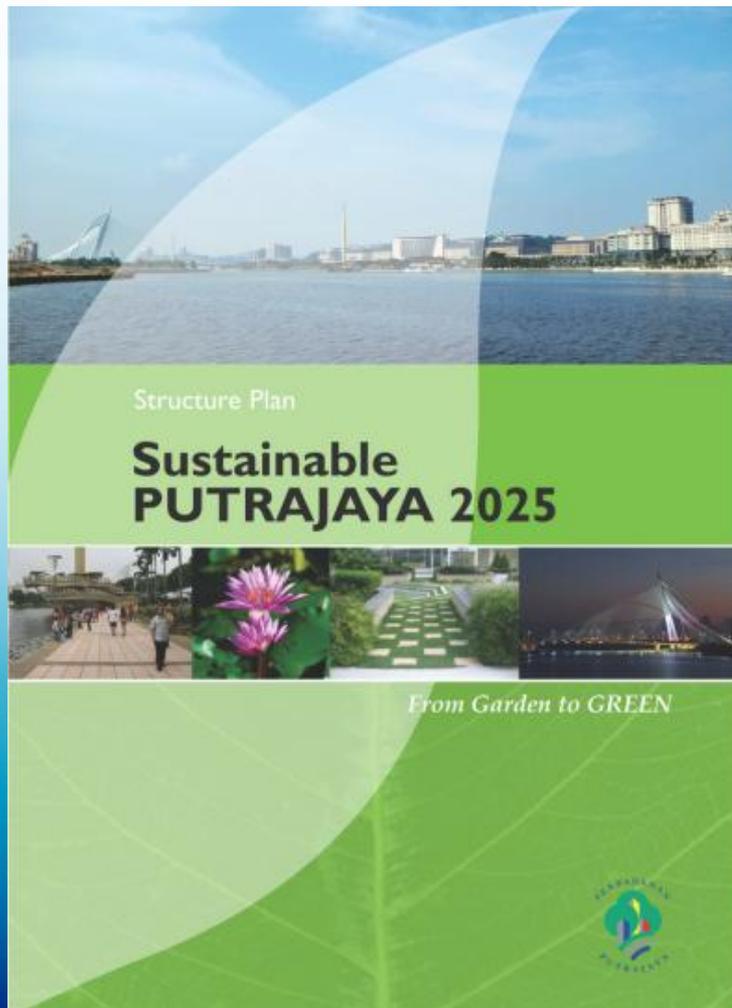




Component	Planned (2025)	Current Status
<b>Population</b>	347,700	86,000
<b>Housing</b>	65,000	27,589 units
<b>Government office space</b>	2.75 million sqm	2.37 million sqm
<b>Other government use</b>	1.20 million sqm	214,604 sqm
<b>Commercial space</b>	4.35 million sqm	579,000 sqm

# Putrajaya Structure Plan: Sustainable Putrajaya 2025

Regulatory Framework that sets policies & initiatives/programmes to turn Putrajaya into a sustainable low carbon green city



# Quality Public Amenities



# Lush Greeneries within Residential Areas



# Quality Living Environment



Componen

- Climbing

- Skate Park

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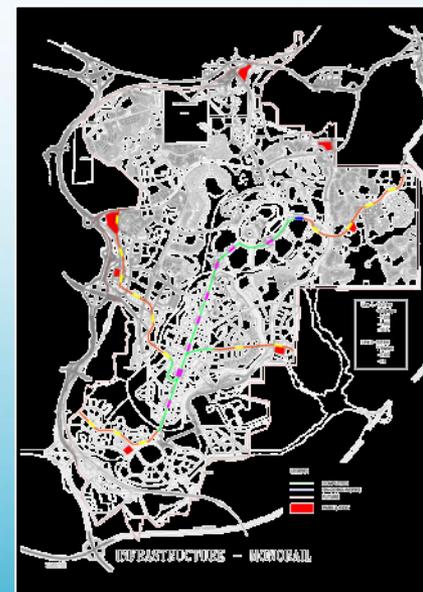
## COMMON UTILITY TRENCH

- Common Utility Trench to incorporate all utilities
- Reduce disruption to services and facilitate maintenance and upgrading works



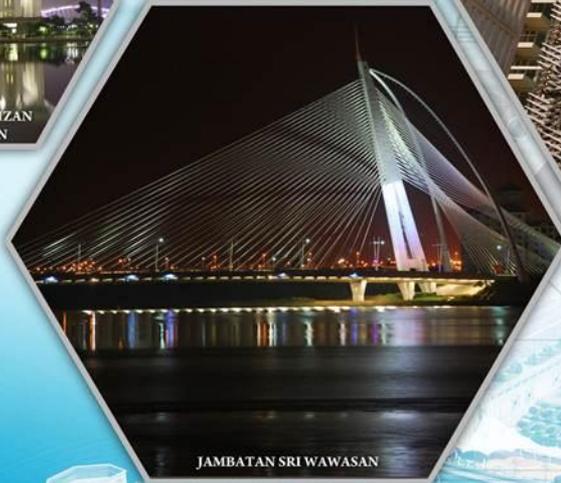
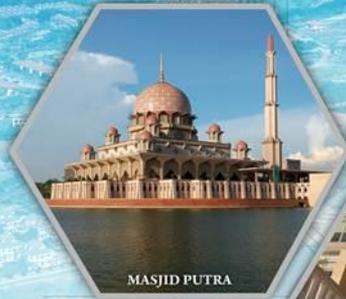


- Bus, taxi and rail supported by Park-and-Ride facilities
- Complemented with pedestrian network of walkways & cycleways
- creating sustainable transportation system



Park & Ride facilities and monorail alignment

# PERBADANAN PUTRAJAYA



Future City Initiative : Putrajaya Green City 2025 (PGC2025)

# Transforming Putrajaya into *Green City*

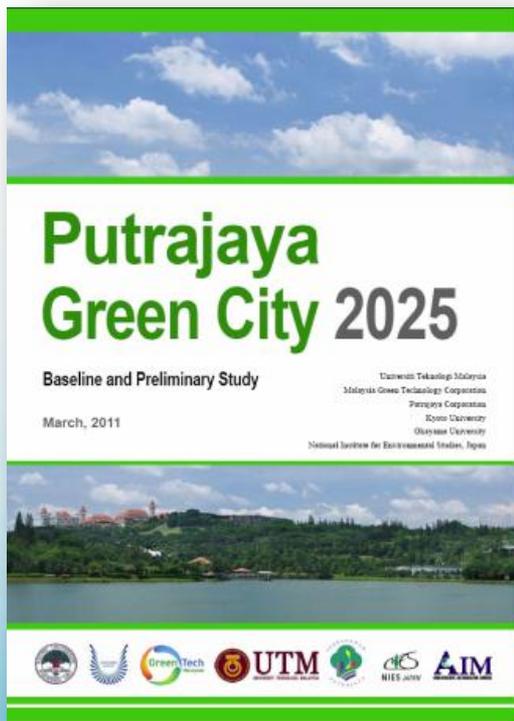
Transforming Putrajaya into a Green City, one that commits towards continuously improving the quality of living environment by ensuring that its urban activities and development **reduces carbon emission, encourages green business and creates a green lifestyle**

FROM GARDEN TO GREEN

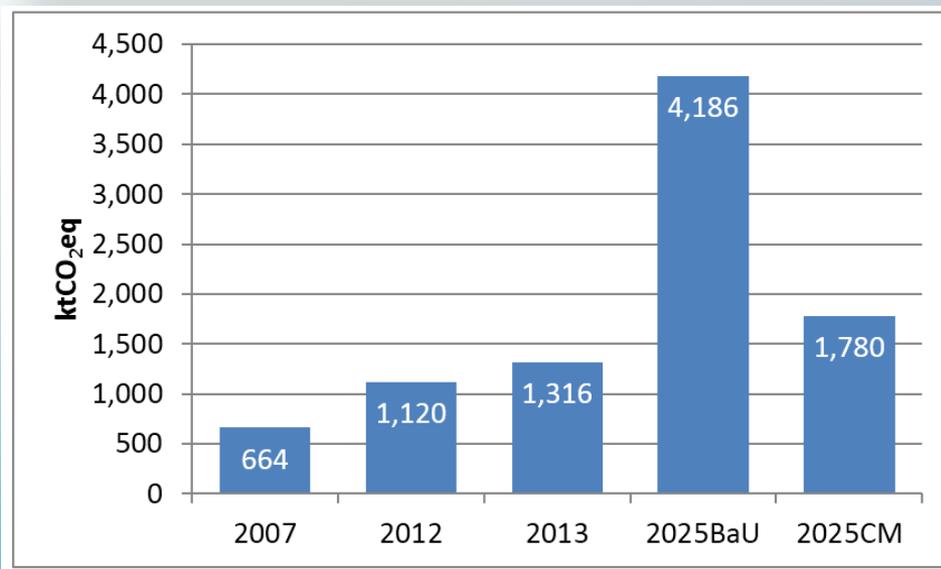


- At the Copenhagen COP15, Malaysia has made a conditional commitment of a reduction of carbon emission intensity of Malaysian GDP, of up to 40% by 2020 from a 2005 baseline.
- In tabling the 2010 Malaysian Budget, the Prime Minister announced to “develop Putrajaya and Cyberjaya as pioneer township in Green Technology as a showcase for the development of other townships” .





Sector	2007	2012	2013	2025BaU	2025CM
Residential	23	59	73	266	150
Government departments	180	461	600	363	139
Commercial	65	207	240	1435	769
Public amenities & facilities	67	21	34	240	112
Passenger transport	161	316	305	1314	368
Freight transport	20	7	7	156	89
Waste	148	49	51	414	189
Total Emissions	664	1,120	1,310	4,188	1,816
carbon sink					35
<b>Net emissions</b>	<b>664</b>	<b>1,120</b>	<b>1,316</b>	<b>4,186</b>	<b>1,780</b>



**PGC2025 has identified initiatives/programmes to be implemented in line with the policies of the structure plan**

# Green Building Initiatives

- Compulsory use of centralized chilled water for air conditioning purposes of buildings in the CBD (Central Business District)
- Encourage the construction/retrofitting of buildings to be certified as 'Green Building'



**Ministry Of Energy, Green Technology & Water  
(Low Energy Office Building)  
ASEAN Energy Award, 2006**

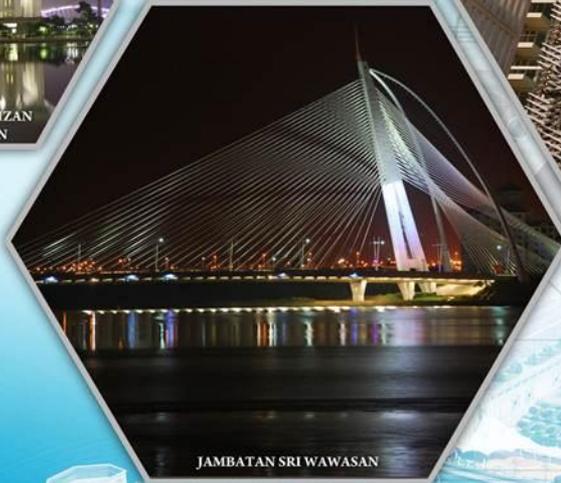
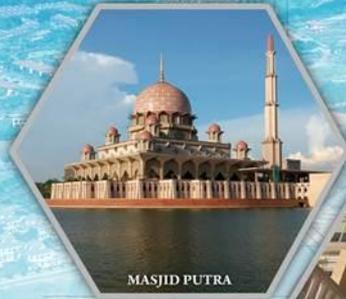


**Energy Commission  
Green Building Index (GBI) - Platinum**

- LA21 Programmes involving the community & stakeholders from the business community & NGOs has already been implemented.
- Programmes such as Community Policing, Community Gardening, Community Health & Fitness, 3R and many others is key towards social development.



# PERBADANAN PUTRAJAYA



## Way Forward



# Way Forward

Putrajaya is a planned city based on sustainable development principles that has evolved to be a liveable, vibrant and prosperous city that has set a new benchmark in quality urban living.

Sustainable city management & development through a conscious effort for environmental preservation will create a conducive living environment, encourages living close to nature.

The focus of development now is to move from garden to green and from government to other economic activities to ensure the liveability of the city.

Community & stakeholders engagement through LA21 programmes and education & learning needs to be further intensified to ensure sustainable societal development and integration.

# THANK YOU



[www.putrajaya.gov.my](http://www.putrajaya.gov.my)



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