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THE EFFECT OF SUSTAINABLE DEVELOPMENT ON ENVIRONMENTAL AGENDAS. CASE STUDY: PUTRAJAYA GREEN CITY

BY
MUHAMMAD AqMARUL AZRI BIN AZMI

Thesis Submitted to the Ghazali Shafie Graduate School of Government, Universiti Utara Malaysia
In Fulfilment of the requirement for the Degree Master of Public Management
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ABSTRACT

During the past four decades, the relationships between the evolution of development strategies and environmental concerns within the urban context. Urbanization increases the pressure on limited resources and available services, and threatens health, the environment and urban productivity. This study is a descriptive study that more emphasis to the elaboration of an issue of concern and interest in relation to the implementation of the Green City Program in Putrajaya. This study will use a qualitative study and it will rely on analytical approach. The data will collected from research report, government report, scientific article and from others reliable sources. Nowadays, as a result of this development, studies about the aspects of sustainable development are increasing. Sustainable development is popularly described as “a development that meets the needs of the present without compromising the ability of the future generations to meet their own needs” (WCED, 1987 in Moffat, 1996). Malaysia is actively engaged in international pacts concerning sustainable development efforts. As a result, the Malaysian Government’s sustainability agenda has prioritized the balance between socio-economic and ecological systems to avoid further environmental damage.
ABSTRAK

DEDICATION

This project paper is dedicated to my beloved parents, Rogayah Binti Rabaie and Azmi Bin Morshidi. Both of you have always been in my heart and soul, forever and ever. This journey would not have been possible without your spirit and inspiration.

To my brothers and sisters, Muhammad Aqmarul Afif, Nurul Akma Izzati, Muhammad Aqmarul Azib and Nurul Akma Izzazi, may the principles and insights contained in this journey bring you clarity, balance, focus, and confidence to help you accomplish your greatest dreams and create a meaningful transformation in your life.

To my aunty, Norjannah Bt. Rabaie who have continually supported and believe in me and for the whole Haji Rabaie and Hajah Dayang Laila and Late Haji Morshidi and Hajah Taibah family. They were always supporting me and encouraging me with their best wishes and prayers.

May Allah bless all of us. All praise due to Allah SWT indeed.
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TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>TITLE PAGE</td>
<td>i</td>
</tr>
<tr>
<td>CERTIFICATION OF THESES WORK</td>
<td>ii</td>
</tr>
<tr>
<td>PERMISSION TO USE</td>
<td>iii</td>
</tr>
<tr>
<td>ABSTRACT</td>
<td>iv</td>
</tr>
<tr>
<td>ABSTRAK</td>
<td>v</td>
</tr>
<tr>
<td>DEDICATION</td>
<td>vi</td>
</tr>
<tr>
<td>ACKNOWLEDGEMENT</td>
<td>vii</td>
</tr>
<tr>
<td>TABLE OF CONTENTS</td>
<td>viii</td>
</tr>
<tr>
<td>LIST OF TABLES</td>
<td>xi</td>
</tr>
<tr>
<td>LIST OF FIGURES</td>
<td>xii</td>
</tr>
<tr>
<td>LIST OF ABBREVIATION</td>
<td>xiii</td>
</tr>
</tbody>
</table>

CHAPTER ONE

1.0 Introduction 1

- 1.1 Problem Statement 4
- 1.2 Research Objective 6
- 1.3 Research Question 7
- 1.4 Research Significance 7
- 1.5 Research Methodology 9
- 1.6 Area of Study 10
- 1.7 Conclusion 14

CHAPTER TWO

2.0 Introduction 15

- 2.1 Definition and Concepts 16
  - 2.1.1 Sustainable Development 16
  - 2.1.2 Environmental Agenda 18
  - 2.1.3 Green City – Going Green 26
  - 2.1.4 Initiative toward Low Carbon-Green City 27
  - 2.1.5 National Green Technology Policy 28
  - 2.1.6 Quality of Life 29
2.2 The Connection between Environmental Agendas and Sustainable Development 31
2.3 The Principle of Sustainable Development 35
2.4 Model for Sustainable Development 37
  2.4.1 Three Pillar Basic Model 37
  2.4.2 The Egg of Sustainability 38
  2.4.3 Prism of Sustainability 40
  2.4.4 The Ameoba Model 41
2.5 Sustainable Development In Malaysia: National Plans, Legislation And Policies 42
2.6 Conclusion 48

CHAPTER THREE
3.0 Introduction 49
  3.1 Method of Study 49
    3.1.1 Interactive Model of Research Design 51
  3.2 Selection of Research Area 53
  3.3 Procedures and Measures of Data Collection 54
  3.4 Conclusion 55

CHAPTER FOUR
4.0 Introduction 56
  4.1 Measuring Sustainability 58
    4.1.1 Malaysian Quality of Life Index 59
    4.1.2 Malaysian Urban Sustainability Indicator 60
  4.2 A Dozen Action Towards Green City 62
  4.3 Conclusion 76

CHAPTER FIVE
5.0 Introduction 78
  5.1 Discussion 79
    5.1.1 First objective: To identify the relationship between sustainable development and environmental agenda 79
5.1.2 Second objective: To identify the importance development of Green City in Malaysia. Case studies in Putrajaya

5.2 Summary
5.3 Limitation of Study
5.4 Proposal
5.5 Conclusion

REFERENCES
List of Table

Table 2.0: Malaysia’s National Five Year Development Plans showing sustainable development concepts 44

Table 2.1: Planning legislation that referred to sustainable development in Malaysia 45

Table 2.2: National policy on the environment and technology in Malaysia 46

Table 4.0: Putrajaya Facts and Figures 56

Table 4.1: Scale of Sustainable City 61

Table 4.2: CO² Emission Reduction Amount 74
List of Figures

Figure 1.0: Map of Putrajaya 13

Figure 2.0: GreenTech Malaysia’s Perspective Alignments 29

Figure 2.1: The Three Pillar of Sustainability 33

Figure 2.2: Three Pillar Basic Model 37

Figure 2.3: The Egg of Sustainability 39

Figure 2.4: Prism of Sustainability 40

Figure 3.0: An Interactive Model of Research Design 53

Figure 3.1: Theoretical Framework 55

Figure 5.0: Promoting Sustainable Development Involves Multi-Dimensional Actions 86
List of Abbreviations

3R Reuse, Reduce, Recycle
BaU Business as Usual
CASBEE Comprehensive Assessment System for Built Environment Efficiency
CO₂ Carbon Dioxide
ERL Express Rail Link
EV Electric Vehicles
FAO Food and Agriculture Organization of the United Nations
GBI Green Building Index
GDP Gross Domestic Product
GEF Global Environment Facility
GHG greenhouse gas
HEMS Home Energy Management System
HV Hybrid Vehicles
IAEA International Atomic Energy Agency
IBS Industrialized Building System
ICT Information and Communication Technologies
IMO International Maritime Organization
IPCC Intergovernmental Panel on Climate Change
ITS intelligent transportation system
KeTTHA Ministry of Energy, Green Technology and Water Malaysia
LAs Local Authorities
LEED Leadership in Energy and Environmental Design
MDGs Millennium Development Goals
NGOs Non-Governmental Organization
PGC2025 Putrajaya Green City 2025
PJC Putrajaya Corporation
QL Quality of Life
SDGs sustainable development goals
SWM solid waste management
TNB Tenaga Nasional Berhad
UHI urban heat island
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<thead>
<tr>
<th>Acronym</th>
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</tr>
</thead>
<tbody>
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<td>UN</td>
<td>United Nations</td>
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<tr>
<td>UNDESA</td>
<td>United Nations Department of Economic and Social Affairs</td>
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<td>UNDESD</td>
<td>United Nations Decade of Education for Sustainable Development</td>
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<td>UNDP</td>
<td>United Nations Development Programme</td>
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<td>UNEP</td>
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<td>UNESCO</td>
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<td>UNFCCC</td>
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<td>UN-HABITAT</td>
<td>UN Human Settlements Programme</td>
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<td>UNIDO</td>
<td>UN Industrial Development Organization</td>
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<td>VMT</td>
<td>vehicle mile travel</td>
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<td>WCED</td>
<td>World Commission on Environment and Development</td>
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<td>WMO</td>
<td>World Meteorological Organization</td>
</tr>
</tbody>
</table>
CHAPTER ONE

INTRODUCTION

1.0 INTRODUCTION

Malaysia’s is often hailed as an example of developing a successful country in Asia. Malaysia has started to concern in environmental issues since colonial times. The stress for sustainable development given in the Seventh Malaysian Plan (1995-2000) and the formulation of the Total Planning Doctrine (Zainuddin, 1995 in Foziah, 2004) indicates that the concern for the environment begins to gain firmer ground. The relationships between men, the Creator and the environment is the focus of the integration of spiritual value into development discussed in Total Planning Doctrine. Moreover, in recent years, to lower pollution and resolve environmental issues, the established cities around the world have been attempting to find green solutions.

The term of ‘green city’ has become increasingly popular in recent years, although it has worked out and implemented in western country since the early 1990's. In Malaysia, the term was first brought to the public when it was announced by Datuk Seri Mohd Najib Bin Tun Abdul Razak, the Prime Minister when tabling the Tenth Malaysia Plan ago and has declared
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NEWSPAPER/WEB


**TELEPHONE INTERVIEW**

Name : En. Sim Ee Chin  
Post : Ketua Penolong Pengarah  
Department : Jabatan Perancang Bandar  
Office : Perbadanan Putrajaya  
No. Tel : 012-3807658 (03-88877056)  
Email : sim@ppj.gov.my