

# Malaysia Green Buildings Industry Outlook to 2018 - Rising Energy Costs and Depleting Natural Resources to Drive Sustainable Development

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## Abstracts

The report titled “Malaysia Green Buildings Industry Outlook to 2018 - Rising energy Costs and Depleting Natural Resources to Drive Sustainable Development” presents a comprehensive analysis of the industry covering aspects including how green buildings improve business, key drivers, constraints and value chain of green buildings industry, construction spending in Malaysia, market size by number of registered and certified green buildings, gross floor area, market segmentation by ratings, by states, types of buildings. The report also entails a detailed analysis of key developments in the industry, environmental impact and technology analysis of green buildings. A brief snapshot of green buildings industry across different economies of the world has been included in the report.

Malaysia is a dynamic economy which has been evolving constantly over the years. It is a middle income country and has transformed itself since 1970s from a producer of raw materials into a promising multi-sector economy spurred by high technology, knowledge-based and capital intensive industries. Malaysia’s dependence on non renewable source of energy is increasing with the rising population and urbanization in the country. Malaysia, in recognizing the issues of climate change and energy security, has taken the step to promote Green Technology (GT) as part of the solution. It is anticipated that the promotion of green technology would facilitate the achievement of Malaysia's commitment to adopt an indicator of a voluntary reduction of up to 40% in terms of emissions intensity of GDP by the year 2020 compared to 2005 levels. Green technology will be one of the emerging drivers of economic growth for the country to achieve high-income status while addressing the imperative issue of the sustainability.

In South East Asian economies (including Malaysia) across the world, the green

building projects accounted for a share of nearly 39% in the total projects as of 2012. The number of registered projects with GBI to attain a green certification in Malaysia was ~ in 2009 which rose to ~ in 2013. The number of GBI certified projects escalated by ~% in 2012 and ~% in 2013. The total number of GBI certified buildings in the country rose to ~ in 2013 from ~in 2010, which clearly indicates the level of acceptance by the property market.

Non- residential new constructions occupied the largest gross floor area in Malaysia capturing area of ~ square meters as on March 2013 which rose to ~ square meters by March 2014. Residential new constructions made a contribution of more than 45% in 2013 and 2014 respectively of the total green floor area in the country. The Non-residential sector received the largest number of GBI certifications in Malaysia till March, 2014, accounting for ~% share of the total certified projects, followed by ~residential new constructions (capturing ~% of the share) in 2014.

With the rising number of green certifications, the demand for green materials has also surged. The market for green building materials in Malaysia has escalated from USD ~ million in 2010 to USD ~ million in 2013.

Owing to the increasing rate of urbanization, the realty sector is expected to witness a flourishing growth. The increasing initiatives of the government in the field of green development will also provide a strong impetus to the growth of green architecture in the country in the future. Consequently, the focus of green building construction is shifting from new building design and construction to greening existing buildings.

## **KEY TOPICS COVERED IN THE REPORT**

Construction Spending in Malaysia and other Asian countries, 2012

Construction Spending in Malaysia by Residential, Non Residential and Infrastructure, 2012

Green Buildings Market Size by Number of Registered and Certified Green Buildings, 2010-2014 and by Gross Floor Area, 2013-2014

Market Segmentation by types of buildings, by ratings and by states

Analysis of Key Developments in Green Buildings Industry in Malaysia

Snapshot of Green Buildings Market of Different Countries across the world

Future Outlook and Projections of Green Buildings Market in Malaysia,  
2015-2019

Malaysia Green Buildings Material Market Size, segmentation by end users and  
application products, competitive landscape of major players and future outlook

Macro Economic Indicators of Green Buildings Market in Malaysia

## Contents

### **1. GREEN BUILDING INDUSTRY DYNAMICS: EVOLVEMENT AND DEVELOPMENT IN THE WORLD**

### **2. MALAYSIA GREEN BUILDINGS INDUSTRY INTRODUCTION**

### **3. HOW DO GREEN BUILDINGS IMPROVE BUSINESS?**

### **4. MALAYSIA GREEN BUILDING INDUSTRY: KEY DRIVERS**

4.1. Government Initiatives for Green Technology in Malaysia

4.2. Growing Environment and Climate Change Concerns in Malaysia

4.3. Rising Energy Costs

4.4. Increasing Awareness about Green Buildings

### **5. MALAYSIA GREEN BUILDING INDUSTRY: KEY CONSTRAINTS**

Higher Cost of Sustainable Housing

Lack of Awareness and Understanding on Sustainable Development

Lack of Expertise and Technology

Lack of Enforcement

Lack of Training and Education

Lack of Commitment from Organizations

Lack of Requirement and Demand from Stakeholders

### **6. MALAYSIA GREEN BUILDING INDUSTRY VALUE CHAIN**

### **7. CONSTRUCTION SPENDING IN MALAYSIA, 2012**

### **8. MALAYSIA GREEN BUILDINGS MARKET SIZE, 2010-2014**

8.1. By Number of Certified Green Buildings, 2010-2014

8.2. By Gross Floor Area, 2013-2014

### **9. MALAYSIA GREEN BUILDING MARKET SEGMENTATION**

9.1. By Types of Green Buildings, 2013-2014

9.2. By Ratings, 2013-2014

9.3. By Certified and Registered Buildings by States, 2013-2014

## **10. ANALYSIS OF KEY DEVELOPMENTS IN GREEN BUILDINGS INDUSTRY IN MALAYSIA**

Accelerating Green Building Projects in Malaysia

Triggers Driving Green Building Activities in Malaysia

Top 3 Social Reasons for Undertaking Green Projects in Malaysia

Major Environmental Reasons for Undertaking Green Projects in Malaysia

Major Challenges to Green Buildings Development in Malaysia

Top Business Benefits of a Green Building

Impact of Financial Incentives on Decisions to Undertake Green Building Projects

Factors Influencing the Formulation of Green Policies in Malaysia

Top 3 Benefits for Using Green Building Rating System in Malaysia

## **11. ENVIRONMENTAL IMPACT OF GREEN BUILDINGS IN MALAYSIA**

11.1. Impact on Air

11.2. Impact on Water

11.3. Impact on Landfill

## **12. TECHNOLOGY ANALYSIS OF GREEN BUILDINGS**

12.1. Water Efficiency

12.2. Energy Efficiency

12.3. Material Efficiency

12.4. Indoor Air Environment Quality

## **13. EVOLVEMENT OF GREEN BUILDINGS MARKET IN THE WORLD**

13.1. Snapshot of Australia Green Building Market

13.2. Snapshot of the US Green Building Market

13.3. Snapshot of the UK Green Building Market

13.4. Snapshot of Singapore and Other South East Asia Green Building Market

## **14. MALAYSIA GREEN BUILDING INDUSTRY FUTURE OUTLOOK AND PROJECTIONS, 2015-2019**

14.1. Cause & Effect Relationship Analysis between Industry Factors and Malaysia Green Building Industry

## **15. MALAYSIA GREEN BUILDING MATERIAL MARKET**

15.1. Malaysia Green Buildings Material Market Introduction

15.2. Malaysia Green Building Material Market Size by Revenue, 2008-2013

15.3. Malaysia Green Building Material Market Segmentation

15.3.1. By Application Products, 2013

Thermal and Moisture Protection, 2013

Mechanical Products, 2013

By Electrical Products, 2013

Others, 2013

15.4. Competitive Landscape of Malaysia Green Building Materials Market

15.5. Malaysia Green Building Materials Market Future Outlook and Projections, 2014-2018

## **16. MACRO ECONOMIC INDICATORS OF MALAYSIA GREEN BUILDINGS MARKET: CURRENT AND PROJECTIONS**

16.1. GDP of Malaysia, 2009-2018

16.2. Inbound Tourist Arrivals in Malaysia, 2009-2018

16.3. Urban Population in Malaysia, 2009-2018

16.4. Building Construction Market in Malaysia, 2009-2018

## **17. ANALYST RECOMMENDATION**

## **18. APPENDIX**

18.1. Market Definitions

18.2. Abbreviations

18.3. Research Methodology

Data Collection Methods

Approach

Variables (Dependent and Independent)

Multi Factor Based Sensitivity Model

Final Conclusion

18.4. Disclaimer

## List Of Figures

### LIST OF FIGURES

- Figure 1: Chronology of Green Buildings in Malaysia, 1992-2009
- Figure 2: The Path for Achieving Sustainable Construction
- Figure 3: Benefits of Green Buildings to Building Owners, Building Occupants and Community
- Figure 4: Electricity Generation Capacity in Malaysia by Different Resources in Percentage (%), 2012
- Figure 5: Energy Demand in Malaysia by Industrial, Residential, Commercial and Other Sectors in Percentage (%), 2012
- Figure 6: Energy Consumption in Malaysia by Petroleum, Natural Gas, Coal, Nuclear Electric Power and Renewable Energy in Percentage (%), 2012
- Figure 7: Renewable Energy Consumption in Malaysia by Biomass, hydroelectric, Wind, Geothermal and Solar in Percentage (%), 2012
- Figure 8: Malaysia Green Building Industry Value Chain
- Figure 9: Pictorial Representation of Make a Building Green
- Figure 10: Spending on Construction Sector in Asia by Geographies in USD Billion, 2012
- Figure 11: Malaysia Construction Spending by Non-Residential, Residential Sector and Infrastructure in Percentage (%), 2012
- Figure 12: Number of Registered and Certified Green Buildings in Malaysia, 2010- 2014
- Figure 13: Gross Floor Area of GBI Certified Buildings in Malaysia in Square Meters, 2013-2014
- Figure 14: GBI Certified Projects by Types of Buildings in Percentage (%), 2014
- Figure 15: GBI Certified Buildings in Malaysia by Ratings in Percentage (%), 2013-2014
- Figure 16: Top Three Triggers Driving Future Green Building Activities in Malaysia by Importance in Percentage (%), 2013
- Figure 17: Top 3 Social Reasons for Undertaking Green Projects in Malaysia by Importance in Percentage (%)
- Figure 18: Most Important Environmental reasons for undertaking Green Projects in Malaysia in Percentage (%), 2013
- Figure 19: Challenges to the Development of Green Building Industry in Malaysia by Importance in Percentage (%), 2013
- Figure 20: Top 5 Business Benefits of a Green Building in Malaysia by Importance in Percentage (%), 2013
- Figure 21: Top 3 Benefits for Using Green Building Rating System in Malaysia in Percentage (%), 2013

Figure 22: Carbon Dioxide (CO<sub>2</sub>) Emissions by GBI Certified Buildings in Malaysia

Figure 23: Market share of Major Countries in Global Green Buildings Market by Revenue Contribution in Percentage (%), 2012

Figure 24: Percentage Share of Green and Non Green Building Project Activities in Australia, 2012

Figure 25: Percentage Share of Green and Non Green Building Project Activities in the US, 2012

Figure 26: Percentage Share of Green and Non Green Building Project Activities in the UK, 2012

Figure 27: Percentage Share of Green and Non Green Building Project Activities in Singapore, 2012

Figure 28: Percentage Share of Green and Non Green Building Project Activities in South East Asian Economies, 2012

Figure 29: Malaysia Green Building Industry Future Projections by Buildings Registration and Certifications, 2015-2019

Figure 30: Top Parameters Considered for Identifying whether a Construction Material is Green or not, 2013

Figure 31: Malaysia Green Building Material Market Size by Revenue in USD Million, 2010-2013

Figure 32: Green Building Materials Market Segmentation by Application, 2013

Figure 33: Malaysia Green Building Materials Market Future Projections by Revenue in USD Million, 2014-2018

Figure 34: Malaysia GDP in USD Million, 2009-2018

Figure 35: Inbound Tourists Arrivals in Malaysia in Million, 2009-2018

Figure 36: Total Urban Population and as a Percentage of Total Population in Malaysia, 2009-2018

Figure 37: Building Construction Market in Malaysia by Revenue in USD Million, 2009-2018



## List Of Tables

### LIST OF TABLES

Table 1: Green Policies in Malaysia, 2001-2011

Table 2: Green Building Benefits to Commercial Building Owners and Commercial Building Tenants

Table 3: Green Building Benefits by Operating Costs, Building Value, ROI, Occupancy and Rent

Table 4: Carbon Dioxide (CO<sub>2</sub>) Emission Reduction by GBI Certified Buildings

Table 5: Major Sources of CO<sub>2</sub> Emissions in Malaysia, 2013

Table 6: Malaysia Construction Spending by Non-Residential, Residential Sector and Infrastructure in USD Billion, 2012 and Expected Growth Prospects (2013-2018)

Table 7: Malaysia GBI rating criteria

Table 8: Gross Floor Area of GBI Certified Buildings in Malaysia by Categories on the Basis of Contribution in Percentage (%), 2013-2014

Table 9: Gross Floor Area of GBI Certified Buildings in Square Meters, 2013-2014

Table 10: GBI Certified Projects in Malaysia by Categories, as of 15th March, 2014

Table 11: GBI Certified Projects in Malaysia by Categories, as of 15th March, 2013

Table 12: Green Building Index Rating Classification by Points Awarded

Table 13: GBI Certified Projects in Malaysia by Ratings, as of 15th March, 2014

Table 14: GBI Certified Projects in Malaysia by Ratings, as of 15th March, 2013

Table 15: Number of Registered and GBI Certified Projects by State / Territory in Malaysia, 2013 and 2014

Table 16: Percentage of Firms (real estate companies, factories, offices and others) which are presently in 3 different stages of Green Development in Malaysia

Table 17: Impact of Financial Incentives on Decisions to Undertake Green Building Projects by Types of Incentives, Degree of Impact and View

Table 18: Key Factors Influencing the Formulation of Green Policies in Malaysia

Table 19: Reduced Energy Use in Green Buildings Compared with Conventional Buildings

Table 20: Different Stages of Green Building Activity across Firms in Australia, 2012

Table 21: Projected Business Benefits of Green Building in Australia

Table 22: Different Stages of Green Building Activity across Firms in the US, 2012

Table 23: Projected Business Benefits of Green Buildings in the US

Table 24: Different Stages of Green Building Activity across Firms in the UK, 2012

Table 25: Projected Business Benefits of Green Buildings in the UK

Table 26: Different Stages of Green Building Activity across Firms in Singapore, 2012

Table 27: Projected Business Benefits of Green Buildings in Asia

Table 28: Cause and Effect Relationship between Industry Factors and Expected Malaysia Green Building Market Prospects

Table 29: Competitive Landscape of Major Players in Malaysia Green Building Materials Market

Table 30: Inbound Tourist Receipts in Malaysia in RM Million, 2009-2018

Table 31: Correlation Matrix of Malaysia Green Buildings Industry

Table 32: Regression Coefficients Output of Malaysia Green Buildings Industry

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