



Transforming JKR:

Leading Malaysia Towards a Smart and Sustainable Future

Embracing Innovation & Sustainability

May 2024



Introduction: What We Know

Transforming JKR: Embracing Innovation & Sustainability



JKR's LEGACY

- Rich history and plays a critical role in Malaysia's infrastructure development, maintenance and ensuring overall functionality and safety of public facilities
- Ensures improved connectivity, accessibility to basic services, and enhanced living standards for Malaysians
- Sets and oversees construction standards and regulations to ensure the safety, quality, and sustainability of development projects in Malaysia



CORE PRINCIPLES

- Timeliness
- Cost-effectiveness
- High-quality design
- Safety
- Accessibility
- Accountability



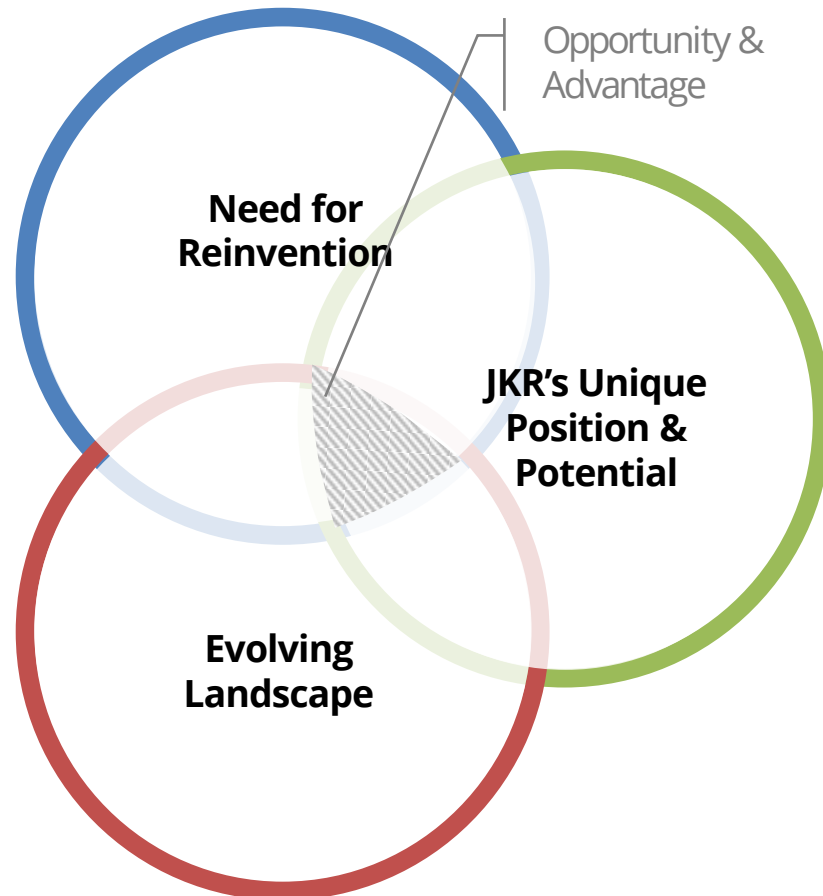
PURPOSE

To inspire and motivate leaders of JKR to embrace a forward-thinking vision for an ever-evolving, futuristic Malaysia



JKR Value Proposition

Combining the need of reinvention with JKR's unique position to seamlessly integrate into the evolving landscape



NEED FOR REINVENTION

- 1 — Recognizing Internal Challenges
- 2 — Inward-looking perception
- 3 — Shifting Focus
- 4 — Redefine JKR's role
- 5 — Encourage collective effort

JKR'S UNIQUE POSITION & POTENTIAL

- 1 — Strategic Presence: Central coordinator and national advisor for infrastructure development
- 2 — Holistic Approach: Aligning projects with national goals for economic growth and sustainability

EVOLVING LANDSCAPE

- 1 — Growing influence of the private sector
- 2 — Trends of outsourcing and privatization
- 3 — Necessity for JKR to adapt and maintain relevance

The Need of Reinvention

- Recognizing Internal Challenges
- Inward-looking perception
- Shifting Focus
- Redefine JKR's role
- Encourage collective effort



JKR's Unique Position and Potential

Widespread Presence and Influence

Strategic Integration

Central Coordination

Embracing a National Advisor Role

Expanded Role

Holistic Approach

EVOLVING LANDSCAPE

Growing influence of the
private sector
Trends of outsourcing and
privatization
Necessity for JKR to adapt
and maintain relevance



Case for Collaboration with MRCB



KUALA LUMPUR SENTRAL PAST (1997)



KUALA LUMPUR SENTRAL PRESENT

SETTING THE STANDARD



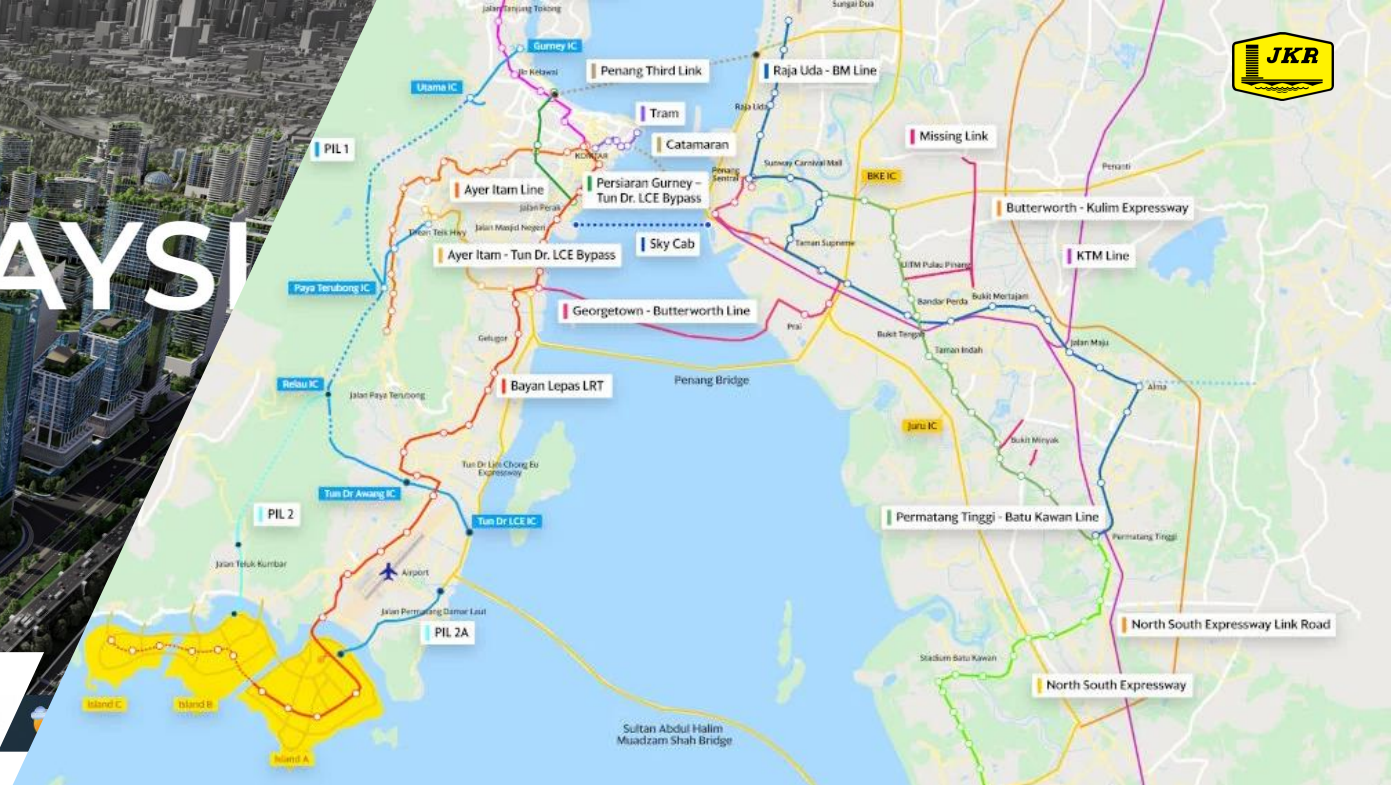
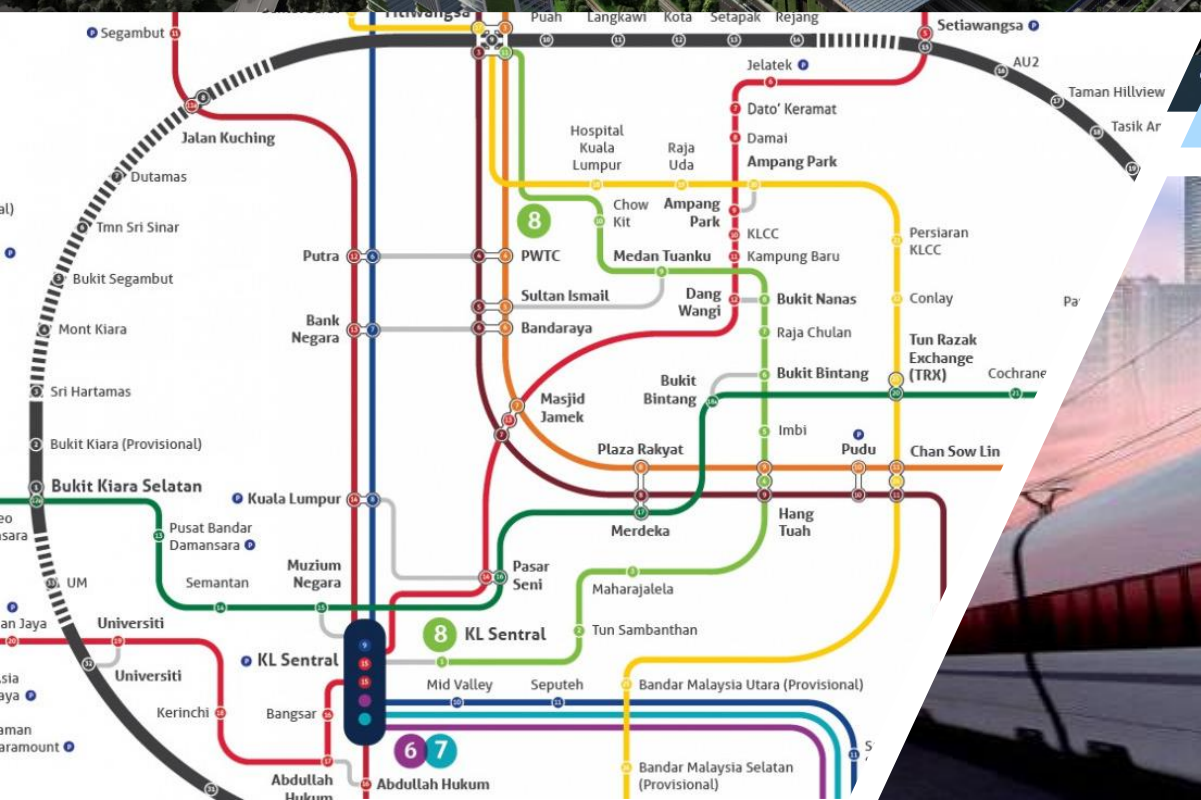


BANDAR MALAYSIA

International Business Hub



International Business Hub



VISION OF THE FUTURE



Vision of the Future

JKR as a Leader in Innovation and Sustainability



JKR as a Leader in Innovation and Sustainability

- Embracing a culture of innovation
- Encourage creativity and innovation
- Leverage nationwide presence for smart technology implementation
- Develop a national digital twin for optimized planning and management
- Strategic Alliances
- Collaborate with universities to create center of excellence
- Leverage the experience of JKR cadres in other ministries
- Expand roles in local councils for effective local development

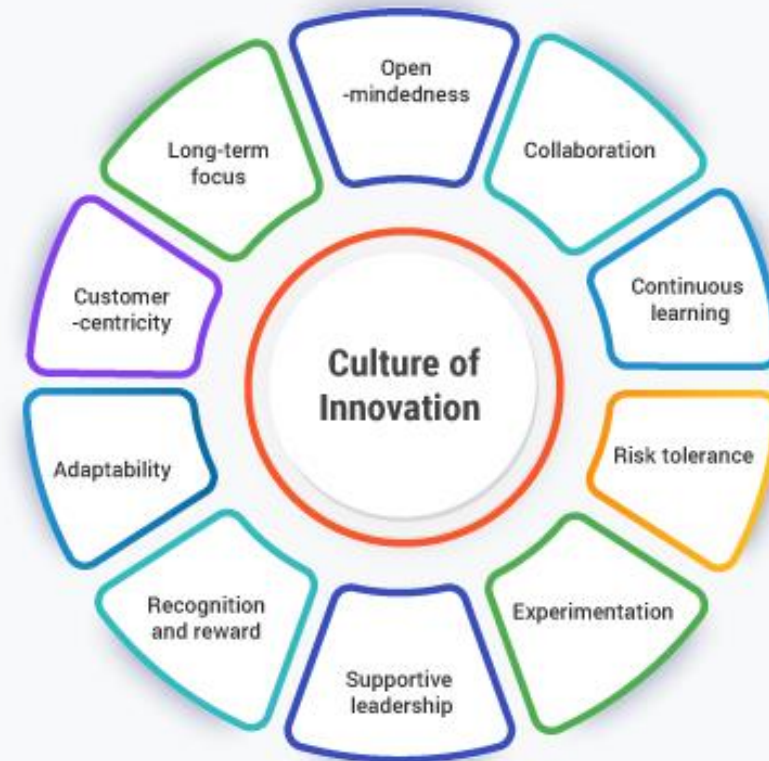
Promoting Sustainable Practices:

- Establish innovation labs and recognition programs
- Bend the rules, don't break them
- Promoting Sustainable Practices
- Champion sustainable construction and green technologies
- Align practices with national and global sustainability goals
- Create strategic posts for sustainability experts

Call to Action:

- Inspiring Transformation: Seizing the opportunity to redefine JKR's role
- Prioritizing Innovation and Sustainability: Nurturing a culture of creativity and rewarding innovative contributions







Partner with Key Organizations.

Forge partnerships with bodies such as the Construction Industry Development Board (CIDB), Board of Engineers Malaysia (BEM), Board of Architects Malaysia (LAM), and Board of Quantity Surveyors Malaysia (BQSM).

Collaborate with other government ministries and private sector entities to leverage expertise and resources.

Engage with Academia and Research Institutions

Cross-Sector Initiatives:

Initiate cross-sector projects that bring together diverse stakeholders to address common challenges and innovate solutions.

Use these initiatives to pilot new technologies and approaches that can later be scaled up.





Logo PBT Seluruh Malaysia

Bandar Raya



Johor Bahru
Johor



Iskandar Puteri
Johor



Pasir Gudang
Johor



Alor Setar
Kedah



Melaka Bersejarah
Melaka



Seremban
Negeri Sembilan



Kuantan
Pahang



Pulau Pinang
Pulau Pinang



Seberang Perai
Pulau Pinang



Ipoh
Perak



Shah Alam
Selangor



Petaling Jaya
Selangor



Subang Jaya
Selangor



Kuala Terengganu
Terengganu



Kota Kinabalu
Sabah



Kuching
Sarawak



Kuching Selatan
Sarawak



Miri
Sarawak



Kuala Lumpur
Wilayah Persekutuan

From Expertise Sharing to Local Impact
JKR Cadres
Local Councils



**SOUTHEAST ASIA'S BIGGEST
TECH EVENT ON 5G, SMART CITIES,
IR4.0, EMERGING TECHNOLOGIES
AND APPLICATIONS**



SMART NATION
19-21 NOVEMBER 2024
MITEC, KUALA LUMPUR **EXPO 2024**

**19-21 NOVEMBER 2024
MITEC, KUALA LUMPUR**

- Where is JKR?
- Smart Nation Vision
- National Asset Management
- Nationwide Presence
- Development of Digital Twin

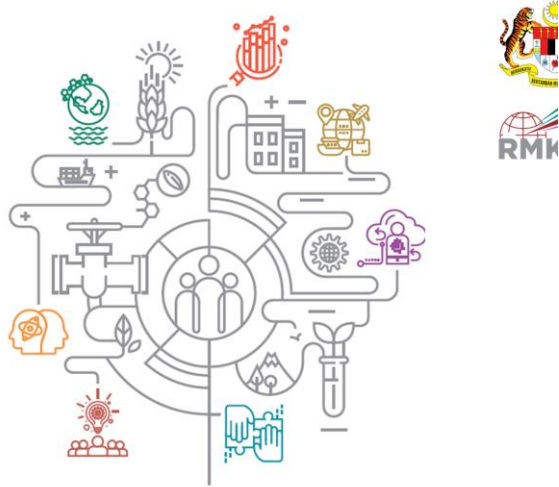


JKR Leading Sustainability

Conclusion



Economy Ministry to start drafting 13MP policies this year



Presentation Video

**TWELFTH
MALAYSIA
PLAN**

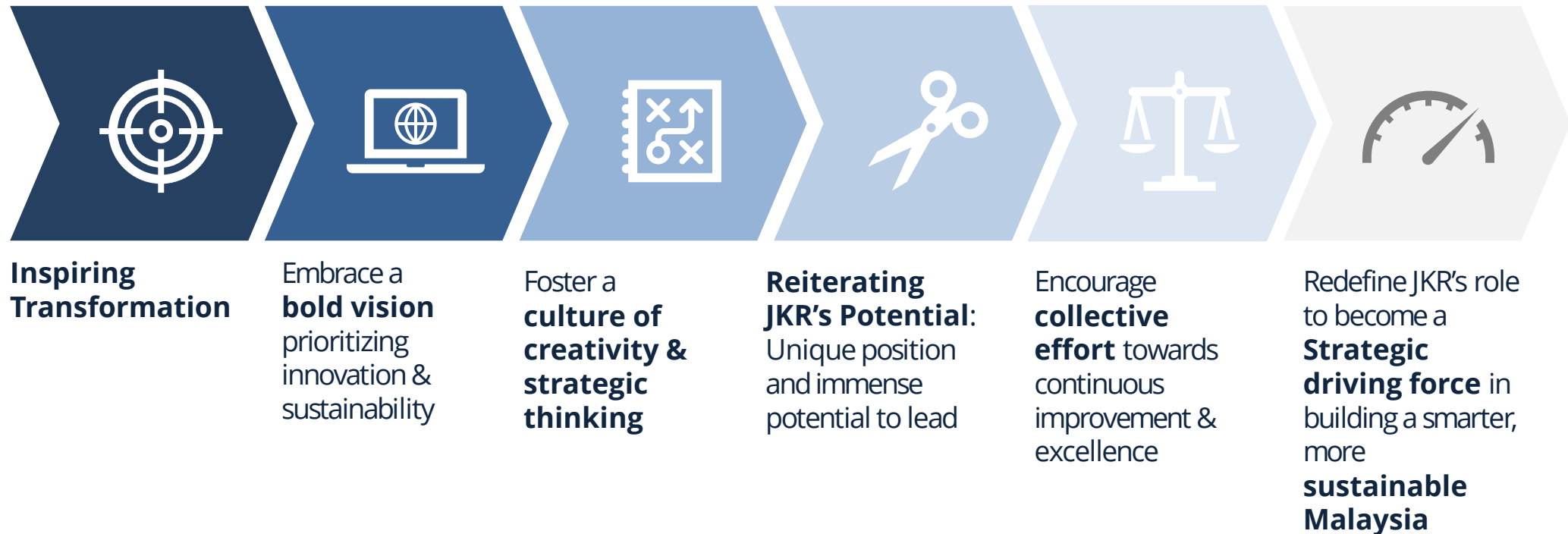
2021-2025

A PROSPEROUS, INCLUSIVE, SUSTAINABLE MALAYSIA



**MALAYSIA
MADANI**

Conclusion...





Terima Kasih

Thank You

