



INTERNATIONAL  
GREEN BUILD  
CONFERENCE

Adaptation Through Sustainable Innovation

2025

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19 August 2025 | 7.30 a.m. - 5.40 p.m.  
at One World Hotel, Petaling Jaya

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# PRESS REPORT

## 1.0 Online News Articles English

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<https://www.thestar.com.my/news/nation/2025/08/20/1000-madani-parks-planned-for-greener-malaysia>

PUBLISHED DATE: 20 August 2025

**TheStar**

### 1,000 Madani Parks Planned for Greener Malaysia

By Benjamin Lee



*Sustainability first: (From left) Real Estate and Housing Developers' Association (REHDA) Malaysia president Datuk Ho Hon Sang, Green Real Estate (GreenRE) chairman Datuk Seri FD Iskandar, Nga and REHDA Institute chairman Datuk Jeffrey Ng Tiong Lip posing for a photo during the opening ceremony of IGBC 2025.*

PETALING JAYA: Some 1,000 Madani recreational parks will be created across the country over the next decade as part of efforts to promote sustainable urban living and development.

Housing and Local Government Minister Nga Kor Ming, who disclosed this, said a safely decommissioned landfill in Bandar Tenggara, Johor, was transformed into a public park recently.

"This milestone not only helps mitigate environmental pollution and eliminate odour issues, it also provides the community with much-needed green spaces for recreation, leisure and social activities.

"Such green elements serve as vital nature-based solutions to urban challenges. This includes mitigating flash floods and reducing the urban heat island effect, making our cities more liveable and resilient," he said in his keynote address at the International Green Build Conference (IGBC) 2025 here yesterday.

Nga said the government was seeking US\$20mil (RM84mil) from the Global Climate Adaptation Fund to help scale up climate-resilient, nature-based solutions in Kuala Lumpur after previously securing US\$10mil from the fund for similar projects in Penang.

He said at least 20% of garbage trucks operating in the country would comprise electric vehicles by 2027 as part of the ministry's public cleansing reforms.

This change would be introduced for all states currently implementing the Solid Waste and Public Cleansing Management Act 2007, he added.

"We will also introduce night-time cleaning services so as not to disrupt traffic flow and to better suit our country's climate.

"Comprehensive cleaning using water jets at strategic locations will also be implemented ahead of Visit Malaysia Year 2026," he said.

SOURCE LINK:

[https://thesun.my/business-news/govt-looking-at-way-to-integrate-tod-into-future-public-housing-projects-in-sustainable-urban-development-EA14720488#google\\_vignette](https://thesun.my/business-news/govt-looking-at-way-to-integrate-tod-into-future-public-housing-projects-in-sustainable-urban-development-EA14720488#google_vignette)

PUBLISHED DATE: 19 August 2025



## Govt Looking at Way to Integrate TOD into Future Public Housing Projects in Sustainable Urban Development

By John Gilbert



*Nga speaking at a press conference at the International Green Build Conference 2025 today. On the right is REHDA Institute chairman Datuk Jeffrey Ng.*

**PETALING JAYA:** The government is strategising to integrate Transit-Oriented Development into future public housing to improve access for urban communities to job opportunities and education, and also help to ease traffic congestion in city centres.

Housing and Local Government Minister Nga Kor Ming said Malaysia is also expanding the adoption of Industrialised Building System and modular technologies such as prefabricated prefinished volumetric construction in public housing projects, adding that this approach reduces construction costs, minimises noise pollution and lowers construction waste.

"In addition, Malaysia through public-private-people partnerships is strengthening green building standards, updating codes and incentivising sustainable practices across urban development projects.

"Our Malaysian GreenRE and Green Building Index are among the testaments to this effort, fostering innovation and responsible development.

"From energy-efficient design standards to promoting renewable energy adoption such as solar, geothermal, and beyond, our strategic focus centres on transforming Malaysia into a model of sustainable urban living," he told delegates at the International Green Build Conference 2025 today.

Nga said Malaysia and Asean are undergoing rapid urbanisation, with the rate projected to rise from 56% today to 70% by 2050.

Capitals such as Kuala Lumpur, Jakarta and Bangkok are already grappling with the growing pressures of urban growth, including severe traffic congestion and the rising challenge of housing affordability for local communities.

Nga pointed out that the World Bank has cautioned that if left unchecked, urban sprawl could cost Asean economies as much as 2% of gross domestic product annually by 2030 due to congestion and pollution.

"These realities demand urgent, innovative, and comprehensive action. We cannot afford to treat sustainability as an afterthought or optional; it must be the very foundation upon which we design, develop, and build our future cities and communities," he said.

Moving on, Nga said Malaysia has pledged to develop 1,000 Madani recreational parks nationwide by 2035, aiming to expand green spaces.

"Notably, for the first time in our history, we have successfully transformed a safely decommissioned landfill in Bandar Tenggara, Johor, into a public park, a milestone that not only helps to mitigate environmental pollution and eliminate odor issues but also provides

the community with much-needed green spaces for recreation, leisure, and social activities.

"In Penang, we secured US\$10 million (RM42.2 million) from the Global Climate Adaptation Fund to incorporate stormwater management systems into public parks and to install green roofs on the Hin Bus Depot.

"Building on this success, Malaysia is now actively seeking an additional US\$20 million from the fund to scale up climate-resilient, nature-based solutions in Kuala Lumpur," Nga said.

In line with the National Energy Transition Roadmap to achieve 70% of renewable energy capacity by 2050, Nga said the ministry is aiming to set up 18 waste-to-energy plants across Peninsular Malaysia.

These facilities are expected to generate up to 600MW of clean energy, thereby reducing reliance on landfills and lowering greenhouse gas emissions.

"Furthermore, we have set a target of 40% recycling rate, which calls for a whole-of-nation approach starting at the community level," Nga said.

Meanwhile, GreenRE chairman Datuk FD Iskandar said the Green Relief has certified over 400 million square feet of cross-floor area across more than 800 projects, encompassing residential, commercial, industrial, and institutional developments.

Green Relief, commonly referred to as GreenRE, is a Malaysian green certification tool designed to uphold and promote sustainable building practices within the country's real estate sector.

Iskandar said this achievement reflects more than just a numerical achievement and signals that the market is prepared to embrace sustainable practices.

"Sustainability has moved beyond being merely aspirational; it is now fully operational. This momentum extends beyond Malaysia, with Green Relief also certifying projects in the United Kingdom, Australia, Vietnam, Cambodia and Thailand."

Iskandar said this demonstrates that Malaysia is not only capable of exporting materials but also exporting talent and technical leadership.

"Green Relief is practical, performance-based, and effective because it is designed specifically for our climate, our economy, and our buildings. This approach aligns closely with Malaysia's policy direction, from the upcoming Urban Renewal Act to the Energy Efficiency and Conservation Act and the Climate Change Act. Green Relief is not just a compliance tool; it is a readiness tool."

SOURCE LINK:

<https://thesun.my/business-news/feasibility-study-on-nuclear-energy-to-include-small-modular-reactors-NA14720508>

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## Feasibility Study on Nuclear Energy to Include Small Modular Reactors

By John Gilbert



*Fadillah visiting a booth at the International Green Build Conference 2025 today. – Bernamapic*

**PETALING JAYA:** The government will conduct a feasibility study on nuclear energy, including small modular reactors (SMR), to assess its potential as a stable base-load power source for regions where renewable deployment faces unique challenges.

Deputy Prime Minister and Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof said this study will evaluate waste management strategies to ensure nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem.

"We are assessing existing technologies in terms of safety, safeguards, and security to determine what is best for Malaysia. Public engagement and acceptance are critical, as only with their support can this nuclear energy initiative move forward.

"Encouragingly, industry feedback has been very positive, with many urging us to accelerate the nuclear energy process," he told reporters at the International Green Build Conference 2025 (IGBC 2025) today.

Fadillah said from a regulatory perspective, the government's focus extends beyond compliance to building the right human capital. This involves not only developing technological expertise but also strengthening enforcement capabilities, which must be seen as a priority, he added.

"Of course, there are international commitments to consider. Malaysia must align with 18 international

treaties and agreements – including several with the United States – before we can finalise a decision on nuclear energy.

"Only then can we determine whether nuclear energy will become part of our future energy mix," Fadillah said.

Touching on Sabah's energy demand and nuclear energy potential, Fadillah said the government must assess the preconditions.

"In Sabah, energy resources are limited. The state does not have significant hydro or solar capacity, and while battery storage, biomass, and biogas can play a role, these sources are also limited. Therefore, we need to identify other firm energy options that can provide a reliable base load for Sabah and the wider region."

Fadillah said any decision must be based on meeting key preconditions. This includes securing public acceptance, ensuring regulatory frameworks are firmly established, and addressing all necessary requirements before moving forward.

"The final decision on the exact location for the SMR cannot be made until these preconditions are satisfied. Only after the base framework is finalised can we proceed with the Environmental Impact Assessment and confirm the certainty of location for the SMR," he added.

Apart from nuclear energy, Fadillah said, the government will launch the National Energy Efficiency

Action Plan 2026-2035, a comprehensive strategy that will chart initiatives across all sectors to drive energy savings, encompassing both electrical and thermal energy measures.

"Our efforts are firmly anchored in the 13th Malaysia Plan (RMK13), which identifies sustainability and green growth as national priorities. RMK13 outlines specific targets, including increasing renewable energy share in the national mix to 35% by 2025, improving energy efficiency across all sectors, and promoting green building certifications such as GreenRE," he added.

Fadillah said the government recognises that green electricity is a key enabler of future economic growth and development.

He noted that the National Energy Transition Roadmap has set out a pathway to achieve 70% installed renewable energy capacity by 2050. This includes the accelerated deployment of large-scale solar projects, expansion of biomass and biogas utilisation, and exploration of emerging renewable technologies such as hydrogen.

"Petra (Energy Transition and Water Transformation Ministry) is committed to working hand in hand to create a sustainable, resilient, and prosperous Malaysia. Let us seize this opportunity to drive transformative change in the built environment and contribute to a greener, more sustainable world for generations to come," Fadillah told IGBC 2025 delegates and participants.



SOURCE LINK:

<https://www.businesstoday.com.my/2025/08/19/nuclear-energy-back-on-the-table-in-petras-long-term-strategy/>

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**BUSINESSTODAY**

## Nuclear Energy Back on the Table in PETRA's Long-Term Strategy



Malaysia is studying the feasibility of nuclear energy, including small modular reactors (SMRs), as part of efforts to secure a reliable base-load power source, said Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof.

Fadillah, who is also Deputy Prime Minister, said the study will give special attention to areas where renewable energy deployment faces difficulties, particularly in Peninsular Malaysia and Sabah.

"This study will carefully evaluate waste management strategies to ensure that nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the 5th International Green Build Conference (IGBC 2025) today.

The study will also examine nuclear safety, safeguards and security, while considering the necessary amendments to laws and regulations. Public engagement will be a key element to ensure acceptance before any final decision is taken.

"We are also working together to ensure that human capital development will be one of the areas that we focus on, not only in terms of technology but also from the enforcement perspective," Fadillah added.

The minister noted that feedback from both the public and industry players has been encouraging. "But the process, as you know, requires us to ratify 18 international treaties and agreements, one of which is the 123 Agreement with the United States. Only then can we firm up the final decision on whether nuclear will be part of our future energy mix," he said.

Alongside the nuclear feasibility study, PETRA will roll out the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0) by year-end, a comprehensive framework to drive savings across electrical and thermal energy usage in all sectors.

SOURCE LINK:

<https://theedgemalaysia.com/node/767146>

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## DPM Fadillah: PETRA to Study Small Modular Reactors as Potential Nuclear Energy

By Magessan Varatharaja



KUALA LUMPUR (Aug 19): The Ministry of Energy Transition and Water Transformation (Petra) is conducting a feasibility study on nuclear energy, including small modular reactors (SMRs) to assess their potential as a stable base-load power source, said its Minister Datuk Seri Fadillah Yusof.

Fadillah, who is also deputy prime minister, said the study will focus on regions where renewable energy deployment faces unique challenges, particularly in Peninsular Malaysia and Sabah.

"This study will carefully evaluate waste management strategies to ensure that nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the 5th International Green Build Conference (IGBC 2025) on Monday.

According to Fadillah, the feasibility study will also focus on regulatory requirements, including the need to amend existing laws and related regulations, as well as on human capital development.

Additionally, he said the ministry will examine nuclear safety, safeguards and security, alongside efforts to engage with the public to ensure wider acceptance before any further action is taken.

"We are also working together to ensure that human capital development will be one of the area that we focus on, not only in terms of technology but also from the enforcement perspective," he added.

Commenting further, Fadillah noted that the ministry has received positive feedback and encouragement from the public and industry players on the potential of nuclear energy as part of the renewable energy sources.

"But the process, as you know, requires us to ratify 18 international treaties and agreements, one of which is the 123 Agreement with United States. Only then can we firm up the final decision on whether nuclear will be part of our future energy mix," he noted.

In the meantime, Fadillah also highlighted that Petra will launch the National Energy Efficiency Action Plan 2026-2035 (NEEAP 2.0) by the end of this year.

He added that the comprehensive strategy will chart initiatives across all sectors to drive energy savings, encompassing both electrical and thermal energy measures.



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## BERNAMA | Biz

### Petra to Study Small Modular Reactors as Potential Nuclear Energy Source- DPM Fadillah



*Deputy Prime Minister who is also the Energy Transition and Water Transformation Minister, Datuk Seri Fadillah Yusof delivers his keynote address during the International Green Build Conference (IGBC) 2025. – fotoBERNAMA (2025) COPYRIGHT RESERVED*

PETALING JAYA, Aug 19 (Bernama) -- The Ministry of Energy Transition and Water Transformation (PETRA) is conducting a feasibility study on nuclear energy, including small modular reactors (SMRs) to assess their potential as a stable base-load power source, said its Minister Datuk Seri Fadillah Yusof.

Fadillah, who is also the Deputy Prime Minister, said the study will focus on regions where renewable energy deployment faces unique challenges, particularly in Peninsular Malaysia and Sabah.

"This study will carefully evaluate waste management strategies to ensure that nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the 5th International Green Build Conference (IGBC 2025) today.

According to Fadillah, the feasibility study will also focus on regulatory requirements, including the needs to amend existing laws and related regulations, as well as on human capital development.

Additionally, he said the ministry will examine nuclear safety, safeguards and security, alongside efforts to engage with the public to ensure wider acceptance before any further action is taken.

"We are also working together to ensure that human capital development will be one of the area that we focus on, not only in terms of technology but also from the enforcement perspective," he added.

Commenting further, Fadillah noted that the ministry has received positive feedback and encouragement from the public and industry players on the potential of nuclear energy as part of the renewable energy sources.

"But the process, as you know, requires us to ratify 18 international treaties and agreements, one of which is the 123 Agreement with United States. Only then can we firm up the final decision on whether nuclear will be part of our future energy mix," he noted.

In the meantime, Fadillah also highlighted that PETRA will launch the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0) by the end of this year.

He added that the comprehensive strategy will chart initiatives across all sectors to drive energy savings, encompassing both electrical and thermal energy measures.

SOURCE LINK:

<https://www.nst.com.my/business/corporate/2025/08/1262322/feasibility-study-nuclear-energy-progress-says-fadillah>

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# BUSINESS TIMES

## Feasibility Study on Nuclear Energy in Progress, says Fadillah

By Diyana Isamudin



*Deputy Prime Minister, Energy Transition and Water Minister, Datuk Seri Fadillah Yusof speaks during International Green Build Conference 2025 at One World Hotel, Bandar Utama. - NSTP/AZIAH AZMEE*

KUALA LUMPUR: The government is studying the potential adoption of nuclear energy, including small modular reactors (SMRs), as part of its future energy strategy under the 13th Malaysia Plan (13MP).

Energy Transition and Water Transformation (Petra) Minister Datuk Seri Fadillah Yusof said a feasibility study is underway to assess nuclear power's role as a stable base-load supply, particularly in areas where renewable energy deployment faces limitations.

"This study will carefully evaluate waste management strategies to ensure nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the International Green Build Conference (IGBC) 2025.

At a press conference, Fadillah said the move goes beyond technology adoption, requiring amendments to existing laws and related laws, coordinated with the Science, Technology and Innovation Ministry (Mosti) and other agencies.

"We are working together to ensure human capital development is prioritised, not just in terms of technology, but also enforcement. We must also identify other available technologies and consider them from safety, safeguards and security perspectives," he said.

Fadillah noted that public acceptance will be key before any nuclear project is implemented.

"Right now, we are receiving positive responses and encouragement for us to speed up the process," he added.

He said Malaysia must also comply with international frameworks, confirming that 18 treaties and agreements need to be signed, including the Civil Nuclear Cooperation Agreement, or 123 Agreement, with the United States before a final decision is made on nuclear energy's inclusion in the national energy mix.

Fadillah added that renewable energy generation in Peninsular Malaysia and Sabah remains constrained since available sources such as hydro, solar, biomass and biogas are limited.

"We have to find other firm energy that we can produce to support the base-load in Semenanjung and Sabah. But the exact location will only be determined once all preconditions are met, including public acceptance and regulatory approvals," he explained.

Building on the enacted Energy Efficiency and Conservation Act (EECA) 2024, Fadillah said Petra will soon launch the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0).

"This comprehensive strategy will chart initiatives across all sectors to drive energy savings, once again encompassing both electrical and thermal energy measures," he said.

SOURCE LINK:

<https://theedgemalaysia.com/node/767153>

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## Nga Urges Industry Players to Prioritise Sustainable, Climate- Resilient Developments

By Chelsea J Lim



*(From left) REHDA Malaysia president Datuk Ho Hon Sang, GreenRE chairman Datuk Seri FD Iskandar, Housing and Local Government Minister Nga Kor Ming and REHDA Institute chairman Datuk Jeffrey Ng Tiong. (Photo by Patrick Goh/The Edge)*

PETALING JAYA (Aug 19): Housing and Local Government Minister Nga Kor Ming stressed the need to build future developments and cities that are sustainable and resilient against climate change, when presenting his morning ministerial keynote address at the International Green Build Conference (IGBC) 2025 held at the One World Hotel, Petaling Jaya on Tuesday.

"The escalating impacts of climate change, manifested through rising temperatures, extreme weather events and rising sea levels are no longer distant threats, but immediate realities for Malaysia and the Asean region," he said. "These realities demand urgent, innovative and comprehensive action. We cannot afford to treat sustainability as an afterthought or optional. It must be the very foundation upon which we design, develop and build our future cities and communities."

Attended by over 800 participants, the conference was co-organised by Real Estate and Housing Developers' Association (REHDA) Institute and GreenRE Sdn Bhd. With the theme of "Adaptation Through Sustainable Innovation", the full-day conference featured panel discussions and talks by nine speakers from across the globe.

In his opening speech, GreenRE chairman Datuk Seri FD Iskandar said that the property and construction industry must find solutions to reduce its emissions.

"For decades, the building and construction sector has been a major part of the problem. We are responsible for nearly 40% of global emissions but that can and must be changed. We must stop being part of the climate problems and start becoming the structural backbone of the solution," he said.

Meanwhile, Deputy Prime Minister and Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof, in his afternoon ministerial keynote address, stressed the importance of energy efficiency in the built industry as it aligned with the upcoming Energy Efficiency and Conservation Act.

"The Energy Efficiency and Conservation Act 2024 provides the legal foundation to advance our national energy efficiency agenda. This act covers both electrical and thermal energy, placing focus on managing demand comprehensively while promoting efficient energy use across industrial, commercial and domestic sectors. For the building sector, the act is especially significant as it encourages the adoption of energy-efficiency designs in new construction as well as improved energy management in existing ones.

SOURCE LINK:

<https://www.thestar.com.my/news/nation/2025/08/19/evs-to-make-up-20-of-country039s-waste-management-fleet-by-2027>

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**TheStar**

## EVs to Make Up 20% of Country's Waste Management Fleet by 2027

By Rebecca Chong



*Sustainability first: (From left) Real Estate and Housing Developers' Association (REHDA) Malaysia president Datuk Ho Hon Sang, Green Real Estate (GreenRE) chairman Datuk Seri FD Iskandar, Nga and REHDA Institute chairman Datuk Jeffrey Ng Tiong Lip posing for a photo during the opening ceremony of IGBC 2025.*

PETALING JAYA: The Housing and Local Government Ministry is targeting electric vehicles (EVs) to make up 20% of solid waste management operations nationwide by 2027.

Minister Nga Kor Ming said the move was part of the country's public cleansing reform agenda, which emphasises sustainability and greener urban development.

"In conjunction with Malaysia's chairmanship of Asean and the UN-Habitat Assembly, this initiative reflects Malaysia's commitment to leading the Sustainable Development Goals," he said during his keynote address at the International Green Build Conference 2025 here on Tuesday (Aug 19).

Nga said EV adoption in waste management would cut greenhouse gas emissions while lowering long-term operational costs.

Potential EV uses include compactors, street sweepers and water sprayers.

Nga added that the ministry is also aiming to build 18 waste-to-energy (WTE) plants by 2050.

The Port Dickson plant has been operational since 2023, while the Sungai Udang facility in Melaka is expected to be completed in 2029.

According to Nga, these plants could generate up to 600 megawatts of renewable energy (RE), enough to supply 500,000 households and support Malaysia's goal of reaching 70% RE capacity by 2050.

SOURCE LINK:

<https://www.redtomato.com.my/video/38239.html>

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## IGBC 2025 Champions Sustainable Innovation and Climate-Ready Cities



*Left to right: Mr. Yeoh Su Guan (Chairman of REHDA Kedah/Perlis), Datuk Haji Muztaza (Director, GreenRE), Tan Sri Datuk Eddy Chen (REHDA Institute Trustee), Dato' Jeffrey Ng Tiong Lip (Chairman of REHDA Institute), Dato Seri FD Iskandar (Chairman of GreenRE), YB Tuan Nga Kor Ming (Minister of Housing & Local Government), Tan Sri Dato' Teo Chiang Kok (REHDA Institute Trustee), Datuk Ho Hon Sang (President of REHDA Malaysia), Datuk Ng Seing Liong (REHDA Institute Trustee), Datuk NK Tong (Immediate Past President of REHDA Malaysia), Datuk Rick Cheng (Director of GreenRE), Ir. Ashwin Thurairajah (Executive Director of GreenRE), and Mr. David Chong (Chief Operating Officer of REHDA Institute).*

The International Green Build Conference (IGBC) 2025 concluded today at One World Hotel, Petaling Jaya, having brought together over 800 delegates, two Cabinet Ministers, and some of the most respected voices in sustainable development, architecture, engineering, and finance. IGBC 2025, themed "Adaptation Through Sustainable Innovation", was co-organised by GreenRE and REHDA Institute with the aim of creating a high-impact platform for exchanging strategies to decarbonise the built environment, strengthen urban resilience, and drive ESG transformation across Malaysia and the ASEAN region.

The event featured ministerial keynote addresses by YB Tuan Nga Kor Ming, Minister of Housing and Local Government (KPKT) and President of UN-Habitat 2025–2027, and YAB Dato' Sri Haji Fadillah bin Haji Yusof, Deputy Prime Minister of Malaysia and Minister of Energy Transition and Water Transformation (PETRA). Both ministers stressed the urgency of incorporating sustainability into policy, planning, and execution, as well as calling for public-private collaboration to meet Malaysia's climate commitments. The one-day conference saw thought leaders sharing their insights and experience in several key topics confronting the industry today. These included:

- Raymond Lee (Ramboll, Singapore): Waste-to-Energy, Bioenergy & Carbon Capture as part of low-carbon urban strategies.
- Sunphol Sorakul (Foster + Partners, Thailand): Biophilic Elements as a Value Creation Tool in Residential and Mixed-Use Developments.
- Shao-wei Huang (Zaha Hadid Architects, China): scalable green design innovations for high-density cities.
- Ar. Catharine Arul Dass (UK Parliament): the role of BIM in heritage conservation and urban rejuvenation.



*Left to right: Mr. Chong Sau Min (Executive Director, Sunway Integrated Properties), Datuk Ho Hon Sang (President of REHDA Malaysia), Dato Seri FD Iskandar (Chairman of GreenRE), YB Tuan Nga Kor Ming (Minister of Housing & Local Government), Dato' Jeffrey Ng Tiong Lip (Chairman of REHDA Institute), Dato' Seri Azmir Merican (Group Managing Director, Sime Darby Property), and Razly Mohammad Rus (Executive Vice President, S P Setia).*

- Steven Kang (Measurement & Verification Pte Ltd, Singapore): predictive and preventive facilities management for energy-efficient building performance.
- Keren Liu (Ally Logistic Property, Malaysia): Green Smart Warehousing.
- Alexander Wu (Dormitory Association Singapore Limited): positioning Centralised Labour Quarters (CLQs) as a green asset class. There were also two panel discussions, which examined pressing topics such as Adaptation and Resilience in a Changing Climate and Financing the Green Transition, exploring pathways to unlock green financing, strengthen ESG disclosures, and future-proof developments against climate and market risks.

Speaking on behalf of the organisers, Datuk Seri FD Iskandar, Chairman of GreenRE, said: "At a time when climate change, ESG frameworks, and urban transformation are reshaping how we plan, design and build, IGBC offers a vital platform for businesses, policymakers, and professionals to gain practical insights from industry leaders, explore emerging technologies, and learn how to position themselves as leaders in sustainability movement.

One of our key hopes is to encourage deeper collaboration across sectors between government, the private sector, local authorities, and academia in advancing Malaysia's sustainable development agenda."

For the first time, the conference included the Academia Participation Sponsorship Programme (APSP), a component strategically designed to bridge the gap in human capital development by providing students and lecturers with practical insights into sustainability practices and their real-world applications. It also facilitates early talent engagement between industry leaders and Malaysia's brightest students.

Jointly Organised by Under this programme, participating students and lecturers received full-day access to all conference sessions and the exhibition. In addition, a dedicated "Meet the Industry" networking session served as a focused platform to connect APSP sponsors (namely, Affin Bank, Bank Pembangunan Malaysia, Sime Darby, S P Setia and Sunway Property) with students and academics from 12 leading public and private universities across Malaysia, with the aim of fostering interactions for new talent recruitment, internship opportunities, mentorship, and knowledge exchange.

The 12 universities that participated in this inaugural programme are Universiti Tunku Abdul Rahman (UTAR), Universiti Teknologi MARA (UiTM), Universiti Malaysia Perlis (UniMAP), Universiti Sains Malaysia (USM), Sunway University, Universiti Putra Malaysia (UPM), University of Technology Sarawak (UTS), Universiti Malaya (UM), UCSI University, Universiti Tun Hussein Onn Malaysia (UTHM), Universiti Utara Malaysia (UUM), and Monash University. IGBC 2025 was made possible through the support of sponsors Affin Group, Progressture Solar and Kansai Paint, alongside numerous partners from government, academia, and the private sector, reflecting the conference's role as a national platform for knowledge sharing and action on sustainable development.

For more information, visit <https://igbc.com.my/>



SOURCE LINK:

<https://www.thevibes.com/articles/news/111751/fadillah-malaysias-green-building-drive-to-anchor-net-zero-push>

PUBLISHED DATE: 19 AUGUST 2025



## Fadillah: Malaysia's Green Building Drive to Anchor Net Zero Push

*Deputy Prime Minister unveils new strategy linking legislation, innovation and regional cooperation to transform the built environment and lead ASEAN in sustainable development*



*Central to Malaysia's climate strategy is the Energy Efficiency and Conservation Act (EECA) 2024, which provides a comprehensive legal framework to promote efficient energy use across all sectors - August 19, 2025*

THE Government has called for united global action to embed sustainability across the built environment, as the country positions itself as a regional leader in low-carbon development.

Speaking at the International Green Build Conference (IGBC) 2025, Deputy Prime Minister II and Minister of Energy Transition and Water Transformation, Datuk Seri Fadillah Yusof, declared: "Today's discussions represent a vital convergence of ideas and actionable solutions that will shape our journey towards a low-carbon, resource-efficient, and climate-resilient future."

This year's conference, themed 'Adaptation Through Sustainable Innovation', was co-organised by GreenRE and the REHDA Institute and attended by delegates from across ASEAN, the United Kingdom, China, and Singapore.

### Legislation to Drive Change

Central to Malaysia's climate strategy is the Energy Efficiency and Conservation Act (EECA) 2024, which provides a comprehensive legal framework to promote efficient energy use across all sectors.

"The Act covers both electrical and thermal energy, and is central to achieving Malaysia's net-zero carbon emissions target by 2050," Fadillah told attendees. He added that the government will soon introduce the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0) to drive energy savings and reduce emissions nationwide.

Complementing the EECA, the GreenRE Energy Certificate was also spotlighted for enabling measurable energy benchmarking, carbon tracking, and renewable integration in construction.

### Sustainable Buildings as Economic Infrastructure

"The built environment is central to this transformation," said Fadillah. "PETRA is committed to working with GreenRE, REHDA, industry partners, and financial institutions to unlock investment and policy support for climate-resilient practices."

To date, GreenRE has certified over 400 million square feet of green building space across almost 800 projects in Malaysia and abroad, positioning the country as an emerging hub for sustainable development.

### Boosting Renewables, Exploring Nuclear

Fadillah reiterated Malaysia's target under the National Energy Transition Roadmap (NETR) to achieve 70% renewable energy capacity by 2050, through solar, biomass, biogas and hydrogen technologies.

He also revealed that PETRA is conducting a feasibility study on nuclear energy, including Small Modular Reactors (SMRs), to assess their viability as a stable energy source for areas where renewable deployment may be limited. The study will include a thorough assessment of waste management requirements.

Fadillah urged all stakeholders to invest in innovation, collaborate across borders, and invest in talent through

training and research initiatives led by institutions such as REHDA.

"I commend the organising committee for championing sustainability through IGBC," he said. "Let us seize this opportunity to drive transformative change in the built

environment and contribute to a greener, more sustainable world for generations to come."

A closed-door industry session was also scheduled later in the day to connect students, lecturers, and private sector leaders for dialogue, internships, and talent development in sustainability. - August 19, 2025

SOURCE LINK:

<https://thesun.my/business-news/feasibility-study-on-nuclear-energy-to-include-small-modular-reactors-NA14720508>

PUBLISHED DATE: 20 August 2025



## IGBC 2025: Worker Dormitories Moving Beyond Compliance to Viable Investments, says Singapore Association

By Myia S Nair



*Wu said the focus has since shifted to enhancing workers' well-being and fostering a sense of community.*

- **Dormitory Association Singapore Limited (DASL) council member Alexander Wu: Centralised Labour Quarters (CLQs) are no longer just a compliance requirement—they are emerging as a viable, income-generating asset class for forward-thinking developers.**

KUALA LUMPUR (Aug 20): Worker dormitories are increasingly viewed not only as regulated housing solutions but also as emerging investment assets, with a shift in focus towards community well-being, sustainability, and long-term viability.

Speaking at the International Green Build Conference (IGBC) 2025, Dormitory Association Singapore Limited (DASL) council member Alexander Wu (pictured) underscored the growing role of purpose-built worker dormitories as both a regulated housing solution and an emerging investment asset class.

DASL is a non-profit, independent trade association in Singapore led by 10 council members who are the leading dormitory operators in the island republic.

"Centralised Labour Quarters (CLQs) are no longer just a compliance requirement—they are emerging as a viable, income-generating asset class for forward-thinking developers," he said.

The council member noted that the previous approach to dormitory development was primarily centred on efficiency and cost reduction. However, the focus has since shifted to enhancing workers' well-being and fostering a sense of community.

The key challenge, he said, lies in ensuring economic viability while creating inclusive living environments.

Incorporating technological innovation and sustainable practices was identified as a potential solution to balance both objectives.

In December 2023 and 2024, Singapore's foreign workforce reached a record high of approximately 450,000, primarily in the construction, marine, and process industries. However, with dormitories operating at around 80% occupancy, capacity remains insufficient to house all workers.

This, Wu added, has spurred investment interest in large-scale projects and prompted the government to enter the dormitory development segment, setting new benchmarks for standards and facilities.

Dormitories in Singapore are no longer viewed solely as basic, cost-saving accommodation near worksites. They are increasingly designed as community-based, co-living environments.

Facilities include privacy areas, social spaces, communal kitchens, and recreational amenities, aimed at improving worker welfare, social integration, and retention.

The sector has also embraced sustainability initiatives, ranging from solar panels and energy storage systems to rainwater harvesting and food-waste-to-energy solutions. These green features not only reduce operating costs but also align with ESG requirements.

Recent transactions illustrate growing financial interest. Large-scale acquisitions have already taken place, including a S\$750 million (RM2.46 billion) portfolio deal, while upcoming listings are expected to reach S\$1.8 billion. "Dormitories are financially attractive to investing," Wu reiterated.

He was of the view that dormitories are resilient assets that provide recurring income streams and remain a preferred housing option for employers engaged in large infrastructure and industrial projects.

Transport solutions are also being explored to ease congestion, with dormitory operators partnering with service providers to consolidate bus routes and reduce carbon emissions. Wu suggested that Singapore's model may offer lessons for Malaysia, where worker housing remains a pressing issue.

*EdgeProp is media partner for IGBC 2025, themed "Adaptation Through Sustainable Innovation" and co-organised by GreenRE and REHDA.*

SOURCE LINK:

<https://www.edgeprop.my/content/1913489/malaysia-pushes-40-recycling-minister-nga-calls-promotion-conscious-consumption>

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## Malaysia Pushes for 40% Recycling, Minister Nga Calls for Promotion of Conscious Consumption

By Veishnawi Nehru



From left: REHDA Kedah/Perlis chairman Yeoh Su Guan, REHDA Malaysia president Datuk Ho Hon Sang, GreenRE chairman Dato' Seri FD Iskandar, Housing & Local Government minister Nga Kor Ming, REHDA Institute chairman Datuk Jeffrey Ng Tiong Lip, group managing director & CEO of Sime Darby Property Dato' Seri Azmir Merican, and , REHDA Institute chief operating officer David Chong

- **IGBC 2025 also looked at flood problems in ASEAN, Scandinavian design principles, sustainability being a value-add for homebuyers and investment capital with sustainability mandates.**

PETALING JAYA (Aug 19): Malaysia is targeting a 40% national recycling rate, urging communities to go beyond Reduce, Reuse, Recycle by adding a fourth "R": Rethink—promoting conscious consumption for a sustainable, responsible future.

Housing and Local Government Minister Nga Kor Ming said Malaysians must move beyond the traditional 3Rs. "Rethink before we consume, and adopt sustainable consumption habits that will secure a more responsible future for generations to come," he said during the International Green Build Conference (IGBC) 2025 held at One World Hotel.

In line with the 13th Malaysia Plan, Nga said the government aims to expand the adoption of Industrialised Building Systems (IBS) and modular technologies such as PPVC (Prefabricated Prefinished Volumetric Construction) in public housing projects. "This approach reduces construction costs, minimises noise pollution and lowers construction waste. We are also strategising to integrate Transit-Oriented

Development (TOD) into future public housing. "This will not only improve access for urban communities, especially the urban poor, to job opportunities and education, but also help ease traffic congestion in city centres." He added that Malaysia has pledged to develop 1,000 MADANI recreational parks nationwide by 2035.



*Nga: Rethink before we consume, and adopt sustainable consumption habits that will secure a more responsible future for generations to come*

"For the first time in our history, we have successfully transformed a safely decommissioned landfill in [Bandar Tenggara, Johor](#), into a public park. "This milestone not only helps mitigate environmental pollution and eliminate odour issues but also provides the community with much-needed green spaces for recreation, leisure and social activities," he said.

## Malaysia vs Indonesia: Different flooding realities

As for the issue of floods, one of the speakers at IGBC 2025, Indonesia Agung Sedayu Division integrated city development director Kevin Lew SC said Malaysia's flooding challenges are distinct from Indonesia's, as Malaysia is not a low-lying country.

"The main problem here isn't rising seawater but clogged drains during construction. While Jakarta looks to Dutch-style solutions such as decking and polder systems, only areas like Kapar in Klang face seawater intrusion risks. "The issue in both Jakarta and Kuala Lumpur is drainage enforcement. Cities need a comprehensive water management system, not piecemeal approaches," he told EdgeProp.

He added that Malaysia remains among ASEAN's leaders in flood management due to the British drainage system it inherited. "Flooding still happens occasionally but not regularly anymore. The key is maintenance — drains must not clog, and developers must take responsibility during construction," he said.

## Scandinavian design, Asian context

Meanwhile, Asia Pacific Henning Larsen director Leonard Ng highlighted Scandinavian design principles that can be adapted to Asia's unique climate and conditions.

"The principles of regenerative design, circularity and biodiversity enhancement are universal and can be applied anywhere. But in Asia-Pacific and the tropics, we adapt them to local conditions. "For example, the weather is hotter and more humid, so instead of looking for warmth, we focus on making spaces cooler and less humid," he said.

He explained that design priorities differ between Scandinavia and Southeast Asia. "In Scandinavian countries, the weather is much colder, so insulation is a big issue. Here, the opposite is true: it's warm. Instead of closing up and making our architecture airtight, we design seamless interfaces between outdoors and indoors. "A lot of our designs are naturally ventilated, allowing wind to flow through, which is suitable for a tropical environment."

Ng stressed that Henning Larsen is pushing beyond sustainable design into regenerative design. "Every country now needs regenerative design, because we've done so much harm to the planet," he said.

## Developers see sustainability as value-add

As for developers, S P Setia chief strategy officer Lindayani Tajudin said sustainability is no longer just a "cost factor" for Malaysian homebuyers but a value-add, especially in the upper market segment. "Anything

above RM700,000, we include energy-saving features like solar panels, which cut electricity bills and reduce reliance on cooling systems. "Buyers see that as long-term savings, not just added costs. And banks also offer better financing for green-certified projects," she said.

She added that green financing continues to draw strong investor demand. "When you issue a green sukuk, the Employees Provident Fund (EPF) and insurance funds want in. That demand creates competition and naturally gives you better rates. Even foreign investors favour green shares," she said.

## Investors won't touch non-green assets

Alpha REIT non-independent non-executive chairman and Malaysian REIT Managers Association (MRMA) honorary secretary Datuk George Stewart LaBrooy said environmental, social and governance (ESG) is reshaping investment in Malaysia as both local and foreign capital increasingly prioritise green assets.

"Our most investable capital comes from institutions like EPF and Permodalan Nasional Bhd (PNB). They already have strong sustainability mandates, so they won't put money into heavily polluting industries or companies without ESG programmes. "Foreign capital also won't touch non-green assets; it's very difficult to get investors to consider them," he said.

The shift, he added, is already visible in real estate. "All new big-profile projects in Kuala Lumpur are green-rated. Otherwise, they won't command premiums in rentals or valuations. "Green buildings also consume less energy, and with electricity prices today, it just makes common sense to own these properties," he said.

Meanwhile, GreenRE chairman Datuk Seri FD Iskandar said that with climate change, ESG frameworks and urban transformation are reshaping how cities are planned, designed and built. IGBC provides a vital platform for businesses, policymakers and professionals to gain practical insights from industry leaders, explore emerging technologies and position themselves as frontrunners in the sustainability movement.

"For the first time, the conference included the Academia Participation Sponsorship Programme (APSP), a component strategically designed to bridge the gap in human capital development by providing students and lecturers with practical insights into sustainability practices and their real-world applications. "It also facilitates early talent engagement between industry leaders and Malaysia's brightest students," he said.

*EdgeProp is media partner for IGBC 2025, themed "Adaptation Through Sustainable Innovation" and co-organised by GreenRE and REHDA*



SOURCE LINK:

<https://www.edgeprop.my/content/1913479/fadillah-reaffirms-goal-net-zero-carbon-emissions-2050>

PUBLISHED DATE: 19 August 2025



## Fadillah reaffirms goal of net-zero carbon emissions by 2050



- **Deputy Prime Minister II and Minister of Energy Transition and Water Transformation (Petra), Datuk Seri Fadillah Yusof urged stakeholders to invest in new technologies, share knowledge across industries, and support human capital development to address challenges of energy transition.**

KUALA LUMPUR (Aug 19): Deputy Prime Minister II and Minister of Energy Transition and Water Transformation (Petra), Datuk Seri Fadillah Yusof (pictured) reaffirmed Malaysia's target of achieving net-zero carbon emissions by 2050, calling for stronger collaboration and innovation to accelerate the transition.

Speaking at the International Green Build Conference (IGBC) 2025, which was co-organised by REHDA Institute and GreenRE, Fadillah acknowledged that the country's efforts align with the ASEAN 2025 vision of inclusivity and sustainability.

*He said that central to Malaysia's transition is the Energy Efficiency and Conservation Act (EECA) 2024, which establishes a legal foundation for efficient energy use across industrial, commercial, and residential sectors*

*. Covering both electrical and thermal energy, the Act promotes energy-efficient building designs, retrofitting of infrastructure, and comprehensive demand management.*

*Building on this framework, the ministry is set to introduce the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0), which will serve as a comprehensive roadmap for nationwide energy savings.*

### **Renewable energy and green growth**

*Meanwhile, Malaysia's National Energy Transition Roadmap (NETR) sets a long-term target of achieving 70% installed renewable energy capacity by 2050, with contributions from large-scale solar, biomass, biogas, and hydrogen technologies.*

*In the near term, the 13th Malaysia Plan (RMK13) has set specific goals, including raising renewable energy's share of the national mix to 35% by 2025, enhancing energy efficiency across sectors, and expanding green building certifications such as GreenRE, Fadillah revealed.*

*To date, GreenRE has certified more than 400 million square feet of green building space across nearly 800 projects in Malaysia and abroad, serving as a key benchmark for energy performance and carbon tracking in the built environment.*

*Meanwhile, alongside renewable expansion, Petra is conducting a feasibility study on nuclear energy, including Small Modular Reactors (SMRs).*

*Fadillah said the study will examine nuclear's potential as a stable base-load power source in regions with limited renewable deployment, while also assessing waste management requirements.*

### **Collaboration and talent development**

*Fadillah urged stakeholders to invest in new technologies, share knowledge across industries, and support human capital development. He also emphasised the importance of collaboration and knowledge-sharing to promote best practices and address challenges, reinforcing the need to strengthen human capital*

*development through training and research initiatives led by institutions such as the REHDA Institute.*

*Underscoring the market impact of green practices, Alpha REIT non-independent non-executive chairman and Malaysian REIT Managers Association (MRMA) honorary secretary Datuk George Stewart LaBrooy noted that non-green buildings may lose over 10% in value, while green-*

*certified properties generally achieve stronger performance, with occupancy rates of between 85% and 95%.*

*EdgeProp is media partner for IGBC 2025, themed "Adaptation Through Sustainable Innovation" and co-organised by GreenRE and REHDA.*

SOURCE LINK:

<https://www.edgeprop.my/content/1913643/igbc-2025-convenes-800-delegates-introduces-academia-industry-sustainability-programme>

PUBLISHED DATE: 29 August 2025



## IGBC 2025 convenes 800 delegates, introduces academia-industry sustainability programme



From left: REHDA Malaysia president Datuk Ho Hon Sang, GreenRE chairman Datuk Seri FD Iskandar, Housing & Local Government minister Nga Kor Ming and REHDA Institute chairman Datuk Jeffrey Ng Tiong Lip at the launch of IGBC 2025. (Photo from Facebook of GreenRE)

- **This year's IGBC introduced the Academia Participation Sponsorship Programme (APSP), which enabled more than 100 students and lecturers from 12 universities nationwide to attend, supported by RM100,000 in industry sponsorships.**

KUALA LUMPUR (Aug 28): The fifth International Green Build Conference (IGBC) 2025 convened more than 800 delegates, including two Cabinet Ministers and industry leaders, to discuss strategies for decarbonising the built environment, strengthening urban resilience, and advancing sustainability initiatives.

Themed "Adaptation Through Sustainable Innovation", the event was co-organised by GreenRE and REHDA Institute to promote strategies for decarbonising the built environment, enhancing urban resilience, and advancing ESG transformation in Malaysia and the region.

This year's IGBC introduced the Academia Participation Sponsorship Programme (APSP), which enabled more than 100 students and lecturers from 12 universities nationwide to attend, supported by RM100,000 in industry sponsorships.

APSP is designed to bridge the academia-industry gap, ensuring that future sustainability leaders gain exposure to the latest trends, innovations, and challenges shaping Malaysia's built environment

The programme included a "Meet the Industry" session, providing students with career exposure in sustainability-focused fields.

"For decades, the building and construction sector has been a major part of the problem. But that can, and must, change. We must stop being part of the climate problem and start becoming the structural backbone of the solution.

"That is why IGBC matters. Because this is where knowledge becomes action. This is where great design informs national policy. This is where fragmented solutions become a coordinated shift," said GreenRE chairman, Datuk Seri FD Iskandar.

The conference also featured a Green Build Tour to Merdeka 118, Gamuda Cove's Wetlands Arboretum, the City of Elmina, and Sunway International School, showcasing practical applications of sustainable design.

SOURCE LINK:

<https://www.edgeprop.my/content/1913643/igbc-2025-convenes-800-delegates-introduces-academia-industry-sustainability-programme>

PUBLISHED DATE: 29 August 2025



## REHDA and GreenRE engage youths for sustainable cities and climate-ready innovation

By Samantha Wong



*Over 800 delegates attended the International Green Build Conference (IGBC) 2025.*

**PETALING JAYA:** The fifth edition of the International Green Build Conference (IGBC) 2025, organised by REHDA Institute and GreenRE, took place at One World Hotel in Petaling Jaya and drew more than 800 delegates. This year's conference emphasised youth involvement through the Academia Participation Sponsorship Programme (APSP), which engaged over 100 students and lecturers from 12 Malaysian universities.

Themed Adaptation Through Sustainable Innovation, IGBC 2025 aimed to exchange strategies for decarbonising the built environment and driving ESG transformation in Malaysia and the ASEAN region.

The conference showcased keynote addresses from the Housing and Local Government Minister and UN-Habitat 2025-2027 president Nga Kor Ming, together with deputy prime minister Datuk Seri Fadillah Yusof, who also serves as the Minister of Energy, Transition and Water Transformation (PETRA).

"For decades, the building and construction sector has been a major part of the problem. But that can, and must, change. We must stop being part of the climate problem and start becoming the structural backbone of the solution. That is why IGBC matters. Because this is where knowledge becomes action," said GreenRE chairman Datuk Seri FD Iskandar. The conference also featured industry leaders discussing vital topics related to sustainable development and urban strategies. Key insights included discussions on waste-to-energy and

carbon capture, exploration of biophilic design in residential projects and presentations on scalable green design for dense cities.

Additionally, the role of BIM in heritage conservation was highlighted, along with an emphasis on predictive facilities management for energy efficiency. There was also a focus on green smart warehousing opportunities and positioning centralised labour quarters as a sustainable asset class. Two more panel discussions addressed key topics regarding adaptation and resilience in a changing climate and financing the green transition. These sessions focused on green financing, enhancing ESG disclosures and preparing for climate and market risks.

The Academia Participation Sponsorship Programme (APSP) aimed to connect students with the industry, offering them access to conference sessions, exhibitions and a networking event. This initiative provided students with insights into the latest trends in Malaysia's built environment and helped them build connections with professionals in the field, preparing them for careers in the green economy. "IGBC 2025 marked many firsts, including our inaugural collaboration with 12 Malaysian universities through the APSP, benefiting nearly 100 students and academics. This initiative, made possible by the generous support of our corporate sponsors, provided a meaningful platform for the next generation," said REHDA Institute chairman Datuk Jeffrey Ng Tiong Lip.

APSP is designed to bridge the academia-industry gap, ensuring that future sustainability leaders gain exposure to the latest trends, innovations, and challenges shaping Malaysia's built environment

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"That is why IGBC matters. Because this is where knowledge becomes action. This is where great design informs national policy. This is where fragmented solutions become a coordinated shift," said GreenRE chairman, Datuk Seri FD Iskandar.

The conference also featured a Green Build Tour to Merdeka 118, Gamuda Cove's Wetlands Arboretum, the City of Elmina, and Sunway International School, showcasing practical applications of sustainable design.

SOURCE LINK:

<https://theedgemalaysia.com/node/768877>

PUBLISHED DATE: 31 August 2025



## Embracing Malaysia's sustainable future



KUALA LUMPUR (Aug 31): As the nation celebrates its 68th year of independence this year, *City & Country's* Sept 1 cover story gets the thoughts and views of next-generation architects and developers about their ideal built environment and hopes for the country. While aspiring to build a people-first Malaysia, the younger generation is also looking ahead to a digital nation driven by innovation, inclusivity and sustainability.

Developed by Oriental Interest Bhd's (KL:[OIB](#)), Myra Tenuman's first phase of the Halaman collection in Shah Alam is fully taken up. Slated for completion in June 2027, this phase will feature two-storey dwellings in the form of 54 semi-detached homes and 16 bungalows, with an estimated gross development value of RM165.5 million.

We also cover the highlights of the International Green Building Conference (IGBC) 2025, which was co-organised by Real Estate and Housing Developers' Association (Rehda) Institute and GreenRE Sdn Bhd, that was held on Aug 19. In his opening speech, GreenRE chairman Datuk Seri FD Iskandar said that climate change demands urgent adaptation and the adoption of eco-friendly strategies, particularly in the building

and construction industry, given its significant contribution to global emissions.

"We are responsible for nearly 40% of global emissions, but that can and must be changed. We must stop being part of the climate problems and start becoming the structural backbone of the solution," he said.

Puncakdana Sdn Bhd plans to launch its RM1.18 billion Arra Residences in Ara Damansara, Petaling Jaya, this September. This freehold, 4.15-acre development will comprise three residential towers and one office block, all atop a retail and car park podium.

In our *Streetscapes* column, we feature Jalan 1A/1, 1A/2 and 1A/3 in Bandar Baru Sungai Buloh, which offers promising growth potential. Transaction data from PPC International shows that units along Jalan 1A/1 have seen a noticeable upward trend in both capital values and rental yields over the past five years, reflecting a positive investment outlook compared to the performance of nearby commercial lots.



## 2.0 Bahasa Melayu

SOURCE LINK:

<https://www.bharian.com.my/bisnes/lain-lain/2025/08/1435147/20-peratus-lori-sampah-di-malaysia-guna-ev-bermula-2027>

PUBLISHED DATE: 19 August 2025



### 20 Peratus Lori Sampah di Malaysia Guna EV Bermula 2027

By Hazwan Faisal Mohamad



*Kor Ming berucap pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di Petaling Jaya, hari ini - NSTP/AZIAH AZMEE*

PETALING JAYA: Bermula 2027, 20 peratus daripada lori sampah yang beroperasi di dalam negara akan menggunakan kenderaan elektrik (EV) sebagai sebahagian daripada reformasi pembersihan awam oleh Kementerian Perumahan dan Kerajaan Tempatan (KPKT).

Menterinya, Nga Kor Ming, berkata langkah itu bagaimanapun hanya akan membabitkan negeri yang mengguna pakai Akta Pengurusan Sisa Pepejal dan Pembersihan Awam 2007 (Akta 672).

Mulai 2027, semua negeri yang memakai Akta 672, 20 peratus daripada lori sampah perlu menggunakan EV, tidak lagi menggunakan gas fosil. Ini bermaksud, daripada ribuan lori sampah, 20 peratus kita akan gunakan EV.

"Yang kedua, kita akan memperkenalkan perkhidmatan pembersihan waktu malam supaya tidak mengganggu laluan trafik selain lebih sesuai dengan iklim negara kita.

"Selain itu, kita juga akan memperkenalkan pembersihan menyeluruh menggunakan kuasa jet air di lokasi strategik bagi memastikan ia bersih daripada habuk. Di kawasan tertentu, kita akan memulakan inisiatif ini menjelang Tahun Melawat Malaysia pada 2026," katanya.

Beliau berkata demikian pada sidang media di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Yang turut hadir, Pengerusi GreenRE, Datuk Seri FD Iskandar.

Terdahulu dalam ucaptamanya, Kor Ming berkata, selaras dengan Rancangan Malaysia Ke-13 (RMK13), kerajaan merancang untuk memperluaskan penggunaan sistem binaan berindustri (IBS) dan teknologi modular seperti PPVC dalam projek perumahan awam, selain memperkenalkan konsep pembangunan berorientasikan transit (TOD) bagi meningkatkan akses rakyat kepada peluang pekerjaan dan pendidikan.

Katanya, kerjasama awam-swasta-rakyat juga diperkukuh untuk memperbaharui kod bangunan hijau, di samping menyediakan insentif kepada pembangunan lestari.

"Melalui GreenRE dan Indeks Bangunan Hijau (GBI), kita menggalakkan reka bentuk kecekapan tenaga, penggunaan tenaga boleh diperbaharui seperti solar dan geoterma, sekali gus menjadikan Malaysia model kehidupan bandar mampan," katanya.

Beliau menambah, dalam usaha memperluas kawasan hijau, kerajaan turut berikrar membangunkan 1,000 Taman Rekreasi MADANI menjelang 2035.

Malah, katanya, sebuah tapak pelupusan sampah yang dinyahaktif di Bandar Tenggara, Johor, berjaya ditransformasi menjadi taman awam pertama seumpamanya.

"Langkah ini bukan sahaja mengurangkan pencemaran dan bau, malah menyediakan ruang rekreasi penting untuk masyarakat," katanya.

Kor Ming menambah, selaras dengan Pelan Hala Tuju Peralihan Tenaga Negara (NETR) bagi mencapai 70 peratus kapasiti tenaga boleh diperbaharui menjelang 2050, kementerian turut menyasarkan untuk

menubuhkan 18 loji Sisa- Kepada-Tenaga atau Waste-to-Energy (WTE) di seluruh Semenanjung Malaysia.

"Kemudahan ini dijangka dapat menjana sehingga 600MW tenaga bersih, sekali gus mengurangkan kebergantungan kepada tapak pelupusan sampah dan menurunkan pelepasan gas rumah kaca," katanya.

SOURCE LINK:

<https://www.bharian.com.my/bisnes/lain-lain/2025/08/1435244/petra-jalankan-kajian-kebolehlaksanaan-tenaga-nuklear-tpm-fadillah>

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## PETRA Jalankan Kajian Kebolehlaksanaan Tenaga Nuklear- TPM Fadillah

By Hazwan Faisal Mohamad



*Fadillah berucap pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di Petaling Jaya, hari ini -NSTP/AZIAH AZMEE*

PETALING JAYA: Kementerian Peralihan Tenaga dan Transformasi Air (PETRA) sedang menjalankan kajian kebolehlaksanaan tenaga nuklear termasuk membabitkan reaktor modular kecil (SMR).

Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof, berkata ia bagi menilai potensi tenaga itu sebagai sumber tenaga asas yang stabil di kawasan yang menghadapi cabaran yang tersendiri dalam pelaksanaan tenaga boleh baharu (RE).

Katanya, kajian itu juga akan meneliti dengan teliti strategi pengurusan sisa bagi memastikan tenaga nuklear dapat diintegrasikan secara bertanggungjawab dalam ekosistem tenaga lestari negara.

"Selain aspek teknologi, kajian ini turut membabitkan isu perundangan dengan melihat keperluan pindaan undang-undang sedia ada serta pengenalan akta baharu berkaitan nuklear.

"Fokusnya adalah perspektif kawal selia, selain memastikan pematuhan terhadap pelbagai perjanjian antarabangsa. Ketika ini, terdapat 18 perjanjian antarabangsa yang perlu diratifikasi, termasuk '123 Agreement' dengan Amerika Syarikat (AS) sebelum sebarang keputusan dimuktamadkan," katanya.

Beliau berkata demikian ketika ditemui media selepas menyampaikan ucap tama di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Mengulas lanjut, Fadillah berkata, pembangunan modal insan juga perlu diberi penekanan, bukan sahaja dari

segi kepakaran teknologi, malah meliputi aspek penguatkuasaan, pemantauan dan keselamatan.

Katanya, penilaian terhadap keselamatan, perlindungan serta keselamatan turut menjadi sebahagian daripada kajian berkenaan bagi memastikan teknologi yang dipilih benar-benar sesuai dan selamat untuk digunakan di Malaysia.

"Lebih penting ialah memastikan penerimaan masyarakat. Libat urus awam amat diperlukan kerana kita mahu maklum persepsi umum mengenai tenaga nuklear, yang biasanya disambut dengan pandangan 'asalkan bukan di kawasan saya'.

"Hanya selepas aspek penerimaan awam, perundangan dan kawal selia dimuktamadkan, barulah kerajaan boleh membuat keputusan muktamad," katanya.

Menyentuh mengenai lokasi, Fadillah menjelaskan tiada cadangan khusus ditetapkan setakat ini, namun Semenanjung Malaysia dan Sabah dikenal pasti sebagai kawasan berpotensi kerana keterbatasan sumber RE di kedua-dua wilayah itu.

Katanya, sumber tenaga alternatif seperti hidro, solar, biomas dan biogas di Semenanjung serta Sabah masih terhad dan tidak mencukupi untuk menampung permintaan tenaga asas.

"Lokasi sebenar hanya akan ditentukan selepas dasar dimuktamadkan, termasuk melalui penilaian impak alam sekitar (EIA) serta libat urus masyarakat setempat.

"Buat masa ini, kita menerima maklum balas positif dan dorongan untuk mempercepatkan proses kajian, namun kerajaan tetap perlu melalui semua pra-syarat sebelum membuat keputusan.

"Hanya selepas semua syarat dipenuhi, barulah kerajaan boleh menentukan sama ada tenaga nuklear akan dimasukkan dalam campuran tenaga negara pada masa depan," katanya.

Katanya, sumber tenaga alternatif seperti hidro, solar, biomas dan biogas di Semenanjung serta Sabah masih terhad dan tidak mencukupi untuk menampung permintaan tenaga asas.

"Lokasi sebenar hanya akan ditentukan selepas dasar dimuktamadkan, termasuk melalui penilaian impak alam sekitar (EIA) serta libat urus masyarakat setempat.

"Buat masa ini, kita menerima maklum balas positif dan dorongan untuk mempercepatkan proses kajian, namun kerajaan tetap perlu melalui semua pra-syarat sebelum membuat keputusan.

"Hanya selepas semua syarat dipenuhi, barulah kerajaan boleh menentukan sama ada tenaga nuklear akan dimasukkan dalam campuran tenaga negara pada masa depan," katanya.

SOURCE LINK:

<https://berita.rtm.gov.my/nasional/senarai-berita-nasional/senarai-artikel/malaysia-sasar-1,000-taman-rekreasi-madani-menjelang-2035>

PUBLISHED DATE: 19 August 2025



## Malaysia Sasar 1,000 Taman Rekreasi MADANI Menjelang 2035

By Benjamin Lee



*International Green Building Conference (IGBC) 2025 berlangsung di Petaling Jaya, hari ini*

**PETALING JAYA, 19 Ogos** - Malaysia menasaskan pembangunan 1,000 Taman Rekreasi MADANI di seluruh negara menjelang 2035, selari usaha memperluas ruang hijau awam, meningkatkan kesejahteraan komuniti dan menyokong agenda pembangunan mampan.

Menteri Perumahan dan Kerajaan Tempatan, Ng Yee Ming, berkata inisiatif berkenaan merupakan anjakan baharu dalam dasar kerajaan yang menekankan keseimbangan antara pembangunan dan kelestarian.

"Buat pertama kali dalam sejarah, kita juga berjaya menukar sebuah tapak pelupusan yang ditutup dengan selamat di Bandar Tenggara, Johor, menjadi sebuah taman awam," katanya semasa menyampaikan ucapan khas di International Green Building Conference (IGBC) 2025, di One World Hotel, pagi ini.

Beliau menambah, komitmen kerajaan untuk memperbanyakkan taman awam turut diterjemahkan melalui sasaran pembangunan 112 Taman Rekreasi MADANI setiap tahun serta projek 12 taman rekreasi baharu di Ipoh.

Selaras dengan Pelan Hala Tuju Peralihan Tenaga Negara (NETR) untuk mencapai 70 peratus kapasiti tenaga boleh diperbaharui menjelang 2050, kementerian juga menasaskan pembinaan 18 loji Waste-to-Energy (WTE) di seluruh Semenanjung Malaysia.

"Kemudahan ini dijangka mampu menjana sehingga 600MW tenaga bersih, sekali gus mengurangkan kebergantungan terhadap tapak pelupusan sampah serta menurunkan pelepasan gas rumah kaca," jelasnya.

Menurutnya, pembangunan loji WTE akan menjadi pelengkap kepada pengurusan sisa pepejal yang lebih mampan, di samping mengurangkan pelepasan karbon dan memberi nilai ekonomi melalui penjanaan tenaga bersih.

Pendekatan yang diumumkan Ng Yee Ming di IGBC 2025 dianggap pemacu penting dalam usaha menjadikan Malaysia sebuah negara yang lebih hijau, mampan dan berdaya huni.

SOURCE LINK:

<https://berita.rtm.gov.my/nasional/senarai-berita-nasional/senarai-artikel/pelan-tindakan-kecekapan-tenaga-nasional-2026%E2%80%932035-dilancar-hujung-tahun-ini>

PUBLISHED DATE: 19 AUGUST 2025



## Pelan Tindakan Kecekapan Tenaga Nasional 2026-2035 Dilancar Hujung Tahun Ini



*Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof menyampaikan ucap-tama pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 / Foto BERNAMA*

**PETALING JAYA, 19 Ogos** - Pelan Tindakan Kecekapan Tenaga Nasional 2026–2035 (NEEAP 2.0) bakal dilancarkan hujung tahun ini.

Menurut Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof, strategi komprehensif itu meneliti pelbagai inisiatif merentas sektor bagi memacu penjimatan tenaga negara.

"Kaedah tarif yang baharu lebih telus berbanding sebelum ini.

Pengguna yang memanfaatkan tenaga pada waktu luar puncak akan dapat menjimatkan penggunaan, selain menggalakkan penggunaan lebih berhemah," katanya.

Beliau berkata demikian kepada pemberita selepas menyampaikan ucap-tama pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Pelan itu turut menekankan kepentingan perubahan tingkah laku pengguna sebagai kunci kejayaan penjimatan tenaga dalam jangka panjang.



SOURCE LINK:

<https://www.tvsarawak.my/2025/08/19/penggunaan-tenaga-nuklear-bergantung-kepada-penerimaan-rakyat/>

PUBLISHED DATE: 19 August 2025



## Penggunaan Tenaga Nuklear Bergantung Kepada Penerimaan Rakyat

By Amirah Shawel



*Fadillah menyampaikan ucap tama pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini. Foto, Afiq Johari (TVS)*

*KUALA LUMPUR, 19 Ogos: Kementerian Peralihan Tenaga dan Transformasi Air (PETRA) akan melancarkan Pelan Tindakan Kecekapan Tenaga Negara 2026-2035 (NEEAP 2.0) pada tahun ini.*

*Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof berkata strategi komprehensif itu ialah inisiatif rentas sektor bagi memperkukuh kecekapan tenaga negara, merangkumi langkah penjimatan tenaga elektrik dan tenaga haba.*

*"(Mungkin) tahun ini insya Allah," katanya.*

Beliau berkata demikian kepada pemberita selepas menyampaikan ucap tama pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Sementara itu, menyentuh Skim Pemeteran Tenaga Bersih (NEM) 3.0, Fadillah menjelaskan beberapa pendekatan baharu akan dilaksanakan bagi menangani permasalahan berkaitan pelaksanaannya.

Kata beliau, dengan pengumuman kaedah tarif baharu baru-baru ini, pelaksanaan Pemeteran Tenaga Bersih (NEM) 3.0 kini lebih telus serta diyakini mampu memberi manfaat yang lebih seimbang kepada pengguna dan penyedia tenaga.

"Sebab itu kita banyakkkan pemasangan 'smart meter' supaya lebih ramai dimanfaatkan dan dapat digunakan pengguna di luar waktu puncak," ujar beliau.

Fadillah memberitahu keutamaan PETRA adalah untuk menggalakkan penjimatan dan penggunaan tenaga negara.

SOURCE LINK:

<https://www.malaymail.com/news/malaysia/2025/08/19/dpm-malaysia-studying-nuclear-energy-potential-with-small-modular-reactors/188195>

PUBLISHED DATE: 19 August 2025



## DPM: Malaysia Studying Nuclear Energy Potential with Small Modular Reactors

By Firdaus Latif



*Deputy Prime Minister and Minister of Energy Transition and Water Transformation Datuk Seri Fadillah Yusof speaks during the opening ceremony of Water Malaysia 2025 at Wyndham Grand Bangsar Kuala Lumpur on August 19, 2025. — Picture by Firdaus Latif.*

PETALING JAYA, Aug 19 — The Ministry of Energy Transition and Water Transformation (PETRA) is conducting a feasibility study on nuclear energy, including small modular reactors (SMRs) to assess their potential as a stable base-load power source, said its Minister Datuk Seri Fadillah Yusof.

Fadillah, who is also the Deputy Prime Minister, said the study will focus on regions where renewable energy deployment faces unique challenges, particularly in Peninsular Malaysia and Sabah.

"This study will carefully evaluate waste management strategies to ensure that nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the 5th International Green Build Conference (IGBC 2025) today.

According to Fadillah, the feasibility study will also focus on regulatory requirements, including the needs to amend existing laws and related regulations, as well as on human capital development.

Additionally, he said the ministry will examine nuclear safety, safeguards and security, alongside efforts to

engage with the public to ensure wider acceptance before any further action is taken.

"We are also working together to ensure that human capital development will be one of the area that we focus on, not only in terms of technology but also from the enforcement perspective," he added.

Commenting further, Fadillah noted that the ministry has received positive feedback and encouragement from the public and industry players on the potential of nuclear energy as part of the renewable energy sources.

"But the process, as you know, requires us to ratify 18 international treaties and agreements, one of which is the 123 Agreement with United States. Only then can we firm up the final decision on whether nuclear will be part of our future energy mix," he noted.

In the meantime, Fadillah also highlighted that PETRA will launch the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0) by the end of this year.

He added that the comprehensive strategy will chart initiatives across all sectors to drive energy savings, encompassing both electrical and thermal energy measures.

SOURCE LINK:

<https://www.tvsarawak.my/2025/08/19/petra-bakal-lancar-pelan-tindakan-kecekapan-tenaga-negara-2026-2035/>

PUBLISHED DATE: 19 August 2025



## PETRA Bakal Lancar Pelan Tindakan Kecekapan Tenaga Negara 2026-2035

By Amirah Shawel



*Fadillah menyampaikan ucap tama pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini. Foto, Afiq Johari (TVS)*

KUALA LUMPUR, 19 Ogos: Kementerian Peralihan Tenaga dan Transformasi Air (PETRA) akan melancarkan Pelan Tindakan Kecekapan Tenaga Negara 2026-2035 (NEEAP 2.0) pada tahun ini.

Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof berkata strategi komprehensif itu ialah inisiatif rentas sektor bagi memperkukuh kecekapan tenaga negara, merangkumi langkah penjimatan tenaga elektrik dan tenaga haba.

"(Mungkin) tahun ini insya Allah," katanya.

Beliau berkata demikian kepada pemberita selepas menyampaikan ucap tama pada Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Sementara itu, menyentuh Skim Pemeteran Tenaga Bersih (NEM) 3.0, Fadillah menjelaskan beberapa

pendekatan baharu akan dilaksanakan bagi menangani permasalahan berkaitan pelaksanaannya.

Kata beliau, dengan pengumuman kaedah tarif baharu baru-baru ini, pelaksanaan Pemeteran Tenaga Bersih (NEM) 3.0 kini lebih telus serta diyakini mampu memberi manfaat yang lebih seimbang kepada pengguna dan penyedia tenaga.

"Sebab itu kita banyakkkan pemasangan 'smart meter' supaya lebih ramai dimanfaatkan dan dapat digunakan pengguna di luar waktu puncak," ujar beliau.

Fadillah memberitahu keutamaan PETRA adalah untuk menggalakkan penjimatan dan penggunaan tenaga negara.

SOURCE LINK:

<https://www.hmetro.com.my/mutakhir/2025/08/1254098/mulai-2027-20-peratus-lori-sampah-guna-ev>

PUBLISHED DATE: 20 August 2025



## Mulai 2027, 20 Peratus Lori Sampah Guna EV

By Hazwan Faisal Mohamad



*Nga Kor Ming pada sesi pertanyaan-pertanyaan bagi jawab lisan ketika Mesyuarat Kedua, Penggal Keempat Parlimen ke-15 Dewan Rakyat di Bangunan Parlimen hari ini. FOTO BERNAMA*

Petaling Jaya: Bermula 2027, 20 peratus daripada lori sampah yang beroperasi di dalam negara akan menggunakan kenderaan elektrik (EV) sebagai sebahagian daripada reformasi pembersihan awam oleh Kementerian Perumahan dan Kerajaan Tempatan (KPKT).

Menterinya, Nga Kor Ming berkata, langkah itu bagaimanapun hanya akan membabitkan negeri yang mengguna pakai Akta Pengurusan Sisa Pepejal dan Pembersihan Awam 2007 (Akta 672).

"Mulai 2027, semua negeri yang memakai Akta 672, 20 peratus daripada lori sampah perlu menggunakan EV, tidak lagi menggunakan gas fosil. Ini bermaksud, daripada ribuan lori sampah, 20 peratus kita akan gunakan EV.

"Yang kedua, kita akan memperkenalkan perkhidmatan pembersihan waktu malam supaya tidak mengganggu laluan trafik selain lebih sesuai dengan iklim negara kita.

"Selain itu, kita juga akan memperkenalkan pembersihan menyeluruh menggunakan kuasa jet air di lokasi strategik bagi memastikan ia bersih daripada habuk. Di kawasan tertentu, kita akan memulakan inisiatif ini menjelang Tahun Melawat Malaysia pada 2026," katanya.

Beliau berkata demikian pada sidang media di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Hadir sama, Pengerusi GreenRE, Datuk Seri FD Iskandar.

Terdahulu dalam ucaptamanya, Kor Ming berkata, selaras dengan Rancangan Malaysia Ke-13 (RMK13), kerajaan merancang untuk memperluaskan penggunaan sistem binaan berindustri (IBS) dan teknologi modular seperti PPVC dalam projek perumahan awam, selain memperkenalkan konsep pembangunan berorientasikan transit (TOD) bagi meningkatkan akses rakyat kepada peluang pekerjaan dan pendidikan.

Katanya, kerjasama awam-swasta-rakyat juga diperkukuh untuk memperbaharui kod bangunan hijau, di samping menyediakan insentif kepada pembangunan lestari.

"Melalui GreenRE dan Indeks Bangunan Hijau (GBI), kita menggalakkan reka bentuk kecekapan tenaga, penggunaan tenaga boleh diperbaharui seperti solar dan geoterma, sekali gus menjadikan Malaysia model kehidupan bandar mampan," katanya.

Beliau menambah, dalam usaha memperluas kawasan hijau, kerajaan turut berikrar membangunkan 1,000 Taman Rekreasi MADANI menjelang 2035.

"Kemudahan ini dijangka dapat menjana sehingga 600MW tenaga bersih, sekali gus mengurangkan kebergantungan kepada tapak pelupusan sampah dan menurunkan pelepasan gas rumah kaca," katanya.

SOURCE LINK:

<https://www.buletintv3.my/nasional/kerajaan-perlu-tandatangani-18-perjanjian-antarabangsa-bagi-pembangunan-tenaga-nuklear/>

PUBLISHED DATE: 19 August 2025

## BULETIN

### Kerajaan Perlu Tandatangani 18 Perjanjian Antarabangsa Bagi Pembangunan Tenaga Nuklear

By Amanda Lopez



*Datuk Seri Fadillah Yusof ditemui media selepas merasmikan Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di Petaling Jaya, hari ini.*

**PETALING JAYA:**Kerajaan perlu menandatangani 18 perjanjian antarabangsa sebelum membuat keputusan muktamad berhubung pembangunan tenaga nuklear di negara ini.

Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof, berkata ia termasuk Perjanjian 123 (Perjanjian bagi Kerjasama Nuklear Aman) dengan Amerika Syarikat.

"Selepas selesai (menandatangani perjanjian), barulah kita boleh tentukan keputusan muktamad sama ada nuklear akan menjadi salah satu campuran tenaga Malaysia pada masa hadapan," katanya kepada media selepas merasmikan Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Mengulas mengenai lokasi yang dikenal pasti, Fadillah yang juga Menteri Peralihan Tenaga dan Transformasi Air (PETRA) berkata, Semenanjung Malaysia dan Sabah adalah kawasan berpotensi bagi pembangunan loji nuklear.

"Tenaga yang dikeluarkan dari Semenanjung Malaysia dan Sabah adalah terhad kerana tidak mempunyai banyak tenaga hidro dan solar. Ia perlu dicampur dengan bateri. Kemudian kita mempunyai tenaga biojisim tetapi juga terhad. Biogas juga terhad. Jadi, kita perlu mencari tenaga stabil yang lain untuk Semenanjung Malaysia dan Sabah," jelasnya.

Beliau berkata, kerajaan juga memberi tumpuan kepada pembangunan modal insan, penguasaan teknologi serta aspek penguatkuasaan.

"Yang lebih penting ialah menilai teknologi sedia ada dari segi sekuriti, perlindungan dan perspektif keselamatan dalam menentukan apa yang terbaik untuk Malaysia, selain penerimaan rakyat. Barulah tenaga nuklear boleh dilaksanakan," ujarnya.

Setakat ini, katanya, kerajaan telah menerima maklum balas positif dan terdapat dorongan untuk kerajaan mempercepatkan proses pembangunan tenaga nuklear.

Dalam ucap tamanya, Fadillah berkata, kerajaan sedang mengkaji pembangunan tenaga nuklear termasuk Reaktor Modular Kecil (SMR) bagi menilai potensinya sebagai sumber tenaga stabil di kawasan yang menghadapi cabaran memperoleh tenaga boleh diperbaharui.

Katanya, kajian turut meneliti strategi pengurusan sisa bagi memastikan tenaga nuklear dapat disepadukan secara bertanggungjawab ke dalam ekosistem tenaga lestari negara.

SOURCE LINK:

<https://www.bernamabiz.com/news-bm.php?id=2458308/>

PUBLISHED DATE: 19 August 2025

## BERNAMA Biz

### PETRA Sedang Kaji Daya Maju Reaktor Modular Kecil Sebagai Sumber Tenaga- TPM Fadillah



PETALING JAYA, 19 Ogos (Bernama) -- Kementerian Peralihan Tenaga dan Transformasi Air (PETRA) sedang menjalankan kajian daya maju tenaga nuklear, termasuk reaktor modular kecil (SMR) untuk menilai potensinya sebagai sumber kuasa beban asas yang stabil, kata Menteri Datuk Seri Fadillah Yusof.

Fadillah, yang juga Timbalan Perdana Menteri berkata kajian itu akan memberi tumpuan di kawasan yang penggunaan tenaga boleh baharu berdepan cabaran unik, khususnya di Semenanjung Malaysia dan Sabah.

"Kajian ini akan menilai dengan teliti strategi pengurusan sisa untuk memastikan tenaga nuklear disepadukan secara bertanggungjawab ke dalam ekosistem tenaga lestari Malaysia," katanya menerusi ucapnama beliau pada Persidangan Binaan Hijau Antarabangsa ke-5 (IGBC 2025), hari ini.

Menurut Fadillah, kajian kebolehlaksanaan itu juga akan memfokuskan kepada keperluan kawal selia, termasuk untuk meminta undang-undang sedia ada dan peraturan berkaitan serta pembangunan modal insan.

"Kami juga bekerjasama untuk memastikan pembangunan modal insan akan menjadi salah satu bidang yang akan kami beri tumpuan, bukan sahaja dari segi teknologi tetapi juga daripada perspektif penguatkuasaan," katanya.

Mengulas lanjut, Fadillah berkata kementeriannya telah menerima maklum balas positif daripada orang ramai dan pemain industri mengenai potensi tenaga nuklear sebagai sebahagian daripada sumber tenaga boleh baharu.

"Tetapi proses itu, seperti yang anda ketahui, memerlukan kami untuk meratifikasi 18 perjanjian dan perjanjian antarabangsa, salah satunya adalah Perjanjian 123 (Perjanjian bagi Kerjasama Nuklear Aman) dengan Amerika Syarikat.

"Hanya selepas itu barulah kita boleh membuat keputusan muktamad sama ada nuklear akan menjadi sebahagian daripada campuran tenaga kita pada masa depan," katanya.

Sementara itu Fadillah berkata PETRA akan melancarkan Pelan Tindakan Kecekapan Tenaga Nasional 2026–2035 (NEEAP 2.0) pada akhir tahun ini.

Beliau berkata strategi komprehensif itu akan merancang dengan teliti inisiatif merentas semua sektor untuk memacu penjimatan tenaga, merangkumi langkah-langkah tenaga elektrik dan haba.



SOURCE LINK:

<https://www.enanyang.my/news/20250820/Nation/968014>

PUBLISHED DATE: 19 August 2025



## 倪可敏：促进可持续城市发展 10 年建 1000 昌明休闲公园



出席国际绿色建筑大会的嘉宾和代表合影，前排左五为倪可敏。左起黄腾亮、曾福传、张昌国与黄中立；右起任广财、童银坤、何汉生及依斯干达。

（八打灵再也 20 日讯）未来十年，全国将新建约 1000 个昌明休闲公园，以促进可持续城市生活和发展。

房屋及地方政府部长倪可敏透露，位于柔佛州登东南镇的一个安全且荒废的垃圾填埋场最近被改造成了一个休闲公园。房屋及地方政府部长倪可敏透露，位于柔佛州登东南镇的一个安全且荒废的垃圾填埋场最近被改造成了一个休闲公园。

### 减环境污染增绿地

“这一里程碑不仅有助于减轻环境污染和消除异味问题，还为社区提供了急需的休闲娱乐和社交活动绿地。

“这些绿色元素是应对城市挑战的重要自然解决方案。这包括缓解山洪暴发和减少城市热岛效应，使我们的城市更加宜居和富有韧性。”

他昨天在 2025 年国际绿色建筑大会（IGBC）的主旨演讲中，这么说。

### 推夜间清洁服务

倪可敏表示，政府正在寻求全球气候适应基金 2000 万美元（约 8400 万令吉）的资金，以帮助吉隆坡扩大具有气候韧性、基于自然的解决方案。

此前，政府已从该基金获得 1000 万美元，用于槟城的类似项目。

他表示，作为该部公共清洁改革的一部分，到 2027 年，全国运营的垃圾车中至少有 20% 将由电动汽车组成。

他补充说，这一变化将在所有目前正在实施“2007 年固体废物和公共清洁管理法”的州属推行。

“我们还将推出夜间清洁服务，以免扰乱交通，并更好地适应我国的气候。

“在 2026 年大马旅游年到来之前，我们还将战略位置使用水射流进行全面清洁。”

Translation:

## **Nga Kor Ming: Promoting Sustainable Urban Development — 1,000 Madani Recreational Parks to be Built in 10 Years**

**(Petaling Jaya, 20th)** About 1,000 Madani recreational parks will be built nationwide over the next ten years to promote sustainable urban living and development.

Housing and Local Government Minister Nga Kor Ming revealed that a safe but abandoned landfill site in Tanjung Tenggara, Johor, has recently been transformed into a recreational park. Housing and Local Government Minister Nga Kor Ming revealed that a safe but abandoned landfill site in Tanjung Tenggara, Johor, has recently been transformed into a recreational park.

### **Reduce environmental pollution, increase green space**

"This milestone not only helps reduce environmental pollution and eliminate odor problems, but also provides the community with much-needed green space for recreation, leisure, and social activities.

"These green elements are important nature-based solutions to urban challenges. This includes mitigating flash floods and reducing the urban heat island effect, making our cities more livable and resilient."

He said this yesterday during his keynote speech at the **2025 International Green Building Conference (IGBC)**.

### **Introduce night cleaning services**

Nga Kor Ming stated that the government is seeking funding of USD 20 million (approximately RM84 million) from the Global Climate Adaptation Fund to help Kuala Lumpur expand climate-resilient, nature-based solutions.

Previously, the government had received USD 10 million from the same fund for a similar project in Penang.

He said that as part of the ministry's public cleaning reforms, by 2027, at least 20% of garbage trucks operating nationwide will be electric vehicles.

He added that this change will be implemented in all states currently enforcing the "Solid Waste and Public Cleansing Management Act 2007."

"We will also introduce night cleaning services to avoid disrupting traffic and to better adapt to our country's climate.

"Before the arrival of Visit Malaysia Year 2026, we will also carry out comprehensive cleaning with water jetting in strategic locations."

SOURCE LINK:

<https://www.enanyang.my/news/20250819/Nation/967323>

PUBLISHED DATE: 19 August 2025



## 雪兰莪通过固体废物管理法 倪可敏：拟额外拨 10 亿



出席出席国际绿色建筑大会的嘉宾和代表合影，前排左五为倪可敏

（布城 19 日讯）房屋及地方政府部长倪可敏宣布，雪兰莪和槟州政府同意通过 2007 年固体废物管理及公共清洁法后，房政部计划额外拨款 10 亿令吉，以加强公共清洁工作。他表示，此拨款将用于实施多项改革，包括到 2027 年将 20% 的公共清洁车辆更换为电动车，以符合国家迈向零碳排放的政策之一。

倪可敏今日出席国际绿色建筑大会后，在新闻发布会上，这么讲。他表示，其部门也将推出一些举措，例如夜间公共清洁和旅游热点地区的深度清洁计划，以清除垃圾等。

他指出，房政部计划在明年落实逾 1 万个公共设施项目，并为落实民生工程的 BP-1 争取更多拨款。

他说，去年共完成 6611 个公共设施项目，包括公园、市场、休闲区、小贩中心、厕所等。

“我们的目标是将地方政府局发展（BP-1）的拨款增加 1 倍，达到不少于 5 亿令吉。

“明年是第 13 大马计划的首年，其中房屋改革将成为主要支柱之一。”

他形容，该部将推出新举措，以进一步提升可负担房屋的质量，同时也会引进先进技术，缩短施工时间，而不仅是降低成本。



大会赠送纪念品予倪可敏（右二）。

Translation:

## **Penang Approves Solid Waste Management Act- Nga Kor Ming: Plans Additional RM1 Billion Allocation**

(Putrajaya, 19th Aug) Minister of Housing and Local Government, Nga Kor Ming, announced that following the agreement of the Selangor and Penang governments to adopt the Solid Waste Management and Public Cleansing Act 2007, the Ministry plans to allocate an additional RM1 billion to strengthen public cleansing efforts.

He stated that this allocation will be used to implement several reforms, including replacing 20% of public cleansing vehicles with electric vehicles by 2027, in line with the national policy towards zero carbon emissions.

Nga Kor Ming said this during a press conference after attending the International Green Building Conference today.

He stated that his Ministry will also introduce several initiatives, such as night-time public cleansing and deep-cleaning programmes in tourism hotspots, to remove litter and waste.

He pointed out that the Ministry of Housing and Local Government plans to implement more than 10,000 public facility projects next year, while also seeking additional allocations for the BP-1 people's livelihood development projects.

He said that last year, a total of 6,611 public facility projects were completed, including parks, markets, recreational areas, hawker centres, toilets, and more.

"Our target is to double the allocation for the Local Government Development (BP-1) to no less than RM500 million.

"Next year marks the first year of the 13th Malaysia Plan, in which housing reform will be one of the main pillars."

He added that the Ministry will introduce new measures to further improve the quality of affordable housing, while also introducing advanced technology to shorten construction time, not just to reduce costs.

SOURCE LINK:

<https://www.chinapress.com.my/?p=4549271>

PUBLISHED DATE: 19 August 2025



## 能源部研核能可行性 评估 SMR 作基载电源



法迪拉（左3）参观展览并聆听现场人员的解说。

法迪拉透露，可行性研究还将重点关注监管要求，包括修订现有法律和相关法规的必要性，以及人力资本发展。

他说，研究也将涵盖核能安全、保障与安保措施，并通过与公众互动以确保更广泛的接受度，才会进一步采取行动。

“我们也致力于确保人力资本发展成为重点，不仅在技术层面，也包括执法层面的能力建设。”

他指出，核能的潜力已得到了公众和业内人士的积极反馈。

“但正如你们所知，这一进程要求我们批准 18 项国际条约和协议，其中之一就是与美国签署的《123 协议》。只有这样，我们才能最终确定核能是否将成为我们未来能源结构的一部分。”

另外，法迪拉也预告，该部将于今年尾推出 2026 至 2035 年国家能源效率行动计划（NEEAP 2.0）。

Translation:

### Ministry of Energy studying nuclear feasibility, assessing SMR as baseload power source

Fadillah revealed that the feasibility study will also focus on regulatory requirements, including the need to amend existing laws and related regulations, as well as human capital development.

He said the study will also cover nuclear safety, safeguards, and security measures, and further action will only be taken after engaging with the public to ensure broader acceptance.

“We are also committed to ensuring that human capital development becomes a priority, not only at the technical level but also in terms of capacity building for enforcement.”

He pointed out that the potential of nuclear energy has received positive feedback from both the public and industry players.

“But as you know, this process requires us to ratify 18 international treaties and agreements, one of which is the ‘123 Agreement’ signed with the United States. Only then can we finally determine whether nuclear energy will become part of our future energy mix.”

In addition, Fadillah also announced that the Ministry will launch the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0) by the end of this year.

SOURCE LINK:

<https://www.chinapress.com.my/?p=4549879>

PUBLISHED DATE: 19 August 2025

中國報  
CHINA PRESS

## 固体废物管理电动车使用率 2027 年提高至 20%



倪可敏

（八打灵再也 19 日讯）房屋及地方政府部根据公共清洁改革议程，而放眼在 2027 年前，把固体废物管理中的电动车（EV）使用率提高至 20%。

房政部长倪可敏指出，在固体废物管理中使用电动车不仅可减少温室气体排放，长期看来还可节省营运成本。

“该目标符合国家公共清洁系统改革中提出的永续性城市原则。”

他说，有可能使用电动车技术的设备和车辆包括压实机、道路清扫车、洒水车 and 小型清扫车。

他在 2025 年国际绿色建筑大会上致辞时提到，结合大马担任东盟和联合国人居大会主席国的身份，此举体现大马引领可持续发展目标的承诺。

倪可敏随后发文告说，房政部计划在 2025 年前，在半岛建造 18 座废料转能源（WtE）厂。

他说，位于森美兰波德申的废料转能源厂已于 2023 年投入运作，马六甲双溪乌浪的废料转能源厂预计于 2029 年竣工。

“该计划有望产生高达 600 兆瓦的可再生能源，而为 50 万户家庭提供可再生能源，支持大马在 2050 年之前实现 70% 可再生能源发电量的目标。”



倪可敏（左 6）出席 2025 年国际绿色建筑大会。

Translation:

### Solid Waste Management EV Usage Targeted at 20% by 2027

(Petaling Jaya, 19th Aug) The Ministry of Housing and Local Government, in line with the Public Cleanliness Reform Agenda, aims to increase the usage rate of electric vehicles (EV) in solid waste management to 20% by 2027.

Minister of Housing and Local Government, Nga Kor Ming, pointed out that using electric vehicles in solid waste management can not only reduce greenhouse gas emissions, but also save operating costs in the long run.

"This target is in line with the sustainable city principles proposed under the national public cleanliness system reform."

He said that equipment and vehicles that could potentially adopt electric vehicle technology include compactors, road sweepers, water tankers, and small sweepers.

In his speech at the International Green Building Conference 2025, he mentioned that combined with Malaysia's role as the Chair of ASEAN and the UN-Habitat Assembly, this initiative reflects Malaysia's commitment to leading the Sustainable Development Goals.

Nga Kor Ming later stated in a press release that the Ministry of Housing and Local Government plans to construct 18 Waste-to-Energy (WtE) plants in Peninsular Malaysia by 2025.

He said the WtE plant in Port Dickson, Negeri Sembilan, had commenced operations in 2023, while the WtE plant in Sungai Udang, Melaka, is expected to be completed in 2029.

"This plan is expected to generate up to 600 megawatts of renewable energy, thereby providing renewable energy for 500,000 households, and supporting Malaysia's goal of achieving 70% renewable energy generation before 2050."



SOURCE LINK:

<https://m.malaysiakini.com/news/752810>

PUBLISHED DATE: 19 August 2025

## 當今大馬

### 房地部拟 2050 年之前，建 18 废物转能源发电厂



房屋及地方政府部放眼在 2050 年前，在马来西亚半岛建设 18 座废物转化能源（WTE）发电厂，以支持国家的可再生能源目标。房地部长倪可敏今天发文告表示，位于森美兰州波德申的废物转化能源设施于 2023 年投入运营，而另一座位于马六甲双溪乌浪的设施则将按照计划在 2029 年竣工。

“这项计划可以产生高达 600 兆瓦的可再生能源，为 50 万户家庭供电，并支持大马在 2050 年实现 70% 可再生能源装机容量的目标。”倪可敏也宣布，为了配合公共清洁系统改革和永续城市发展目标，预计到 2027 年，固体废料管理所使用的车辆中，将有 20% 是电动汽车。

Translation:

### Ministry of Housing and Local Government plans to build 18 Waste-to-Energy plants before 2050

The Ministry of Housing and Local Government aims to construct 18 Waste-to-Energy (WTE) plants in Peninsular Malaysia by 2050 to support the nation's renewable energy goals. Minister of Housing and Local Government, Nga Kor Ming, stated in a press release today that the WTE facility in Port Dickson, Negeri Sembilan, commenced operations in 2023, while another facility in Sungai Udang, Melaka, is scheduled for completion in 2029.

"This plan can generate up to 600 megawatts of renewable energy, supplying electricity to 500,000 households, and supporting Malaysia's goal of achieving 70% renewable energy installed capacity by 2050." Nga Kor Ming also announced that in line with the reform of the public cleanliness system and the objectives of sustainable urban development, it is expected that by 2027, 20% of the vehicles used in solid waste management will be electric.

SOURCE LINK:

<https://www.orientaldaily.com.my/news/nation/2025/08/19/755573>

PUBLISHED DATE: 19 August 2025



## 倪可敏：促进可持续城市发展 10 年建 1000 昌明休闲公园

By 朱敏琦



（布城 19 日讯）房屋及地方政府部长倪可敏说，我国将迎来国庆日，因此是时候需要新法令重振旧城区。

他重申，自己在本周四将《城市翻新法案》提呈下议院进行一读。

该法案预计在 8 月 27 日进行二读与三读，标志马来西亚城市发展进入新的方向，确保发展具备可持续性、先进性、繁荣与包容性。

“我认为时机已到，我们需要一部新法令来重振旧城区。”

倪可敏也表示，房地部通过属下的城市及乡区规划局及相关机构，共举办了 101 场交流会，其中包括两场与国会特别遴选委员会的会晤，这是该部门进行交流会历史上最多的一次。

“我们与发展商、购屋者协会、睦邻计划组织、学术界、大学、非政府组织甚至国会议员都有接触。这证明我们已尽了一切努力。”

“因此，我认为是时候将此法案提呈国会。”

他解释，《城市翻新法案》是振兴旧城区的重要支柱，同时也支持国家的可持续发展议程。

至于房地部是否会继续采取“全政府合作”模式，或是直接向地方政府提供拨款，他强调，可持续发展始终是“昌明经济”的核心框架。

“当然，房地部将加紧争取拨款，直接分配给地方政府，让其能成为有效的执行机构。去年我们完成

的 6611 项公共设施项目，大部分都是通过地方政府落实。”

### 2026 年财政预算案聚焦房屋改革

针对可负担房屋课题方面，倪可敏指出，2026 年财政预算案（也是第 13 大马计划的首年），将重点推动房屋领域改革，引进新科技以降低建屋成本和缩短建造时间。

“房地部将提升房屋品质，而不影响可负担性。目前城市可负担房屋的顶价定在 30 万令吉。然而，政府的重点不仅是设定价格，而是确保人民收入提升。”

他补充，只要家庭收入增加，人民就更有能力置业，这也符合政府推动大马成为高收入国家的愿景。

倪可敏今日出席房屋及地方政府 2026 年财政预算案与利益相关者交流会后，对媒体这样指出。

出席者包括房地部副部长拿督艾曼阿蒂拉及秘书长拿督诺阿兹曼。

这场交流会旨在直接收集相关利益方对 2026 年财政预算案举措的意见与建议，讨论重点涵盖舒适与可负担房屋、可持续固体废物管理、防灾准备、城市与社区的可持续性，以及地方政府服务的强化。

共有 330 名来自不同领域的利益相关者出席，包括房屋发展商、非政府组织、私人企业、社区协会、大学及政府机构代表。

Translation:

## **Nga Kor Ming: Promote sustainable urban development, build 1,000 Madani recreational parks in 10 years**

**(Putrajaya, 19th Aug)** Minister of Housing and Local Government, Nga Kor Ming, said that as Malaysia approaches National Day, it is time for a new legislation to rejuvenate old towns.

He reiterated that this Thursday he will be tabling the "Urban Renewal Bill" for first reading in the Dewan Rakyat.

The Bill is expected to go through second and third readings on August 27, marking a new direction for Malaysia's urban development, ensuring that development is sustainable, advanced, prosperous, and inclusive.

"I believe the time has come, we need a new legislation to rejuvenate old towns."

Nga Kor Ming also stated that the Ministry of Housing and Local Government, through the Department of Town and Country Planning and related agencies, has organised a total of 101 engagement sessions, including two with the Special Select Committee of Parliament.

This is the highest number of engagement sessions in the Ministry's history.

"We have engaged with developers, house buyers associations, Rukun Tetangga organisations, academia, universities, NGOs, and even Members of Parliament. This proves we have made every effort."

"Therefore, I believe it is time to table this Bill in Parliament."

He explained that the Urban Renewal Bill is an important pillar in revitalising old towns, while also supporting the nation's sustainable development agenda.

As for whether the Ministry will continue adopting the "whole-of-government" approach, or directly provide allocations to local governments, he stressed that sustainable development has always been the core framework of the "Madani Economy."

"Of course, the Ministry will step up efforts to secure allocations to be distributed directly to local governments, enabling them to be effective implementing agencies.

Last year, the 6,611 public facility projects we completed were mostly implemented through local governments."

### **2026 Budget to focus on housing reform**

On the issue of affordable housing, Nga Kor Ming pointed out that the 2026 Budget (also the first year of the 13th Malaysia Plan) will prioritise housing sector reform, introducing new technologies to reduce construction costs and shorten building time.

"The Ministry will improve housing quality without affecting affordability.

Currently, the ceiling price for affordable housing in urban areas is set at RM300,000.

However, the government's focus is not only on price setting, but also on ensuring an increase in household income."

He added that as long as household income rises, people will be more capable of home ownership, which also aligns with the government's vision of making Malaysia a high-income nation.

Nga Kor Ming said this when speaking to the media today after attending the Ministry of Housing and Local Government's 2026 Budget engagement session with stakeholders.

Those present included Deputy Minister of Housing and Local Government, Datuk Aiman Athirah, and Secretary-General, Datuk Noor Azman.

The engagement session aimed to directly collect views and suggestions from relevant stakeholders on the measures of the 2026 Budget.

The discussions focused on comfortable and affordable housing, sustainable solid waste management, disaster preparedness, urban and community sustainability, as well as strengthening local government services.

A total of 330 stakeholders from various sectors attended, including housing developers, NGOs, private enterprises, community associations, universities, and government agency representatives.

He pointed out that the Ministry of Housing and Local Government plans to implement more than 10,000 public facility projects next year, while also seeking additional allocations for the BP-1 people's livelihood development projects.

He said that last year, a total of 6,611 public facility projects were completed, including parks, markets, recreational areas, hawker centres, toilets, and more.

"Our target is to double the allocation for the Local Government Development (BP-1) to no less than RM500 million.

"Next year marks the first year of the 13th Malaysia Plan, in which housing reform will be one of the main pillars."

He added that the Ministry will introduce new measures to further improve the quality of affordable housing, while also introducing advanced technology to shorten construction time, not just to reduce costs.

SOURCE LINK:

<https://property.enanyang.my/%E8%B6%8B%E5%8A%BF/%E6%9C%AA%E6%9D%A5%E5%8D%81%E5%B9%B4%E5%BB%BA%E5%8D%83%E5%BA%A7%E6%98%8C%E6%98%8E%E4%BC%91%E9%97%B2%E5%85%AC%E5%9B%AD/>

PUBLISHED DATE: 21 August 2025



## 能源部研核能可行性 评估 SMR 作基载电源



### 环保与休闲兼顾

未来十年，全国将新建约 1000 个昌明休闲公园，以促进可持续城市生活和发展。

房屋及地方政府部长倪可敏透露，位于柔佛州登东南镇的一个安全且荒废的垃圾填埋场最近被改造成了一个休闲公园。

### 减环境污染增绿地

“这一里程碑不仅有助于减轻环境污染和消除异味问题，还为社区提供了急需的休闲娱乐和社交活动绿地。”

“这些绿色元素是应对城市挑战的重要自然解决方案。这包括缓解山洪爆发和减少城市热岛效应，使我们的城市更加宜居和富有韧性。”

他昨天在 2025 年国际绿色建筑大会（IGBC）的主旨演讲中，这么说。



出席国际绿色建筑大会的嘉宾和代表合影，前排左五为倪可敏。左起黄腾亮、曾福传、张昌国与黄中立；右起任广财、童银坤、何汉生及依斯干

### 推夜间清洁服务

倪可敏表示，政府正在寻求全球气候适应基金 2000 万美元（约 8400 万令吉）的资金，以帮助吉隆坡扩大具有气候韧性、基于自然的解决方案。

此前，政府已从该基金获得 1000 万美元，用于槟城的类似项目。

他表示，作为该部公共清洁改革的一部分，到 2027 年，全国运营的垃圾车中至少有 20% 将由电动汽车组成。

他补充说，这一变化将在所有目前正在实施“2007 年固体废物和公共清洁管理法”的州属推行。

“我们还将推出夜间清洁服务，以免扰乱交通，并更好地适应我国的气候。”

“在 2026 年大马旅游年到来之前，我们还将在战略位置使用水射流进行全面清洁。”

Translation:

## **Energy Ministry Studying Nuclear Feasibility, Evaluating SMRs as Baseload Power Source**

### **Balancing Sustainability and Leisure**

In the next decade, about 1,000 *Changming Leisure Parks* will be built nationwide to promote sustainable urban living and development.

Minister of Housing and Local Government, Nga Kor Ming, revealed that a safe but abandoned landfill site in Tanjung Selatan, Johor, was recently transformed into a leisure park.

### **Reducing Pollution, Increasing Green Spaces**

"This milestone not only helps to reduce environmental pollution and eliminate odor problems but also provides the community with much-needed green spaces for recreation, leisure, and social activities.

"These green elements are important nature-based solutions to urban challenges. They help mitigate flash floods and reduce the urban heat island effect, making our cities more livable and resilient," he said during his keynote speech at the 2025 International Green Building Conference (IGBC) yesterday.

### **Introducing Night-Time Cleaning Services**

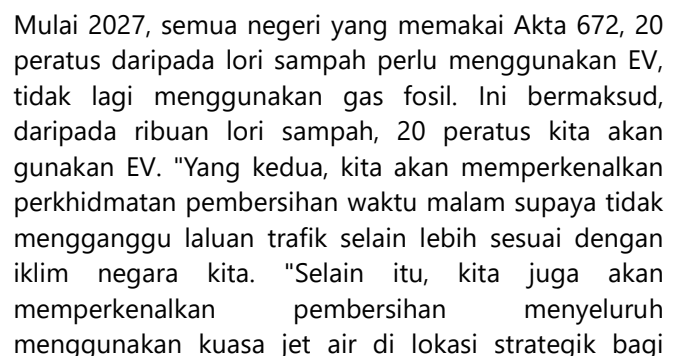
Nga Kor Ming said the government is seeking USD 20 million (about RM84 million) from the Global Climate Adaptation Fund to help Kuala Lumpur expand climate-resilient, nature-based solutions. Previously, the government had received USD 10 million from the same fund for a similar project in Penang.

He added that, as part of the ministry's public cleaning reform, at least 20% of garbage trucks operating nationwide will be electric vehicles by 2027. This change will be implemented across all states currently enforcing the *Solid Waste and Public Cleansing Management Act 2007*.

"We will also introduce night-time cleaning services to avoid disrupting traffic and to better adapt to Malaysia's climate. "In preparation for Visit Malaysia Year 2026, we will also carry out comprehensive cleaning using water jetting at strategic locations."



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memastikan ia bersih daripada habuk. Di kawasan tertentu, kita akan memulakan inisiatif ini menjelang Tahun Melawat Malaysia pada 2026," katanya.

Beliau berkata demikian pada sidang media di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di Petaling Jaya, semalam. Yang turut hadir, Pengerusi GreenRE, Datuk Seri FD Iskandar. Terdahulu dalam ucaptamanya, Kor Ming berkata, selaras dengan Rancangan Malaysia Ke-13 (RMK13), kerajaan merancang untuk memperluaskan penggunaan sistem binaan berindustri (IBS) dan teknologi modular seperti PPVC dalam projek perumahan awam, selain memperkenalkan konsep pembangunan berorientasikan transit (TOD) bagi meningkatkan akses rakyat kepada peluang pekerjaan dan pendidikan.

Katanya, kerjasama awam-swasta-rakyat juga diperkukuh untuk memperbaharui kod bangunan hijau, di samping menyediakan insentif kepada pembangunan lestari. "Melalui GreenRE dan Indeks Bangunan Hijau (GBI), kita menggalakkan reka bentuk kecekapan tenaga, penggunaan tenaga boleh diperbaharui seperti solar dan geoterma, sekali gus menjadikan Malaysia model kehidupan bandar mampan," katanya. Beliau menambah, dalam usaha memperluas kawasan hijau, kerajaan turut berikrar membangunkan 1,000 Taman Rekreasi MADANI menjelang 2035. Malah, katanya, sebuah tapak pelupusan sampah yang dinyahaktif di Bandar Tenggara, Johor, berjaya ditransformasi menjadi taman awam pertama seumpamanya.

SOURCE LINK:

New Straits Times

PUBLISHED DATE: 19 August 2025

# NEW STRAITS TIMES

## Feasibility Study on Nuclear Energy Underway

By Diyana Isamudin



### STABLE BASE-LOAD SUPPLY ROLE

## Feasibility study on nuclear energy underway

**KUALA LUMPUR:** The government is studying the adoption of nuclear energy, including small modular reactors, as part of its future energy strategy under the 13th Malaysia Plan.

Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof said the feasibility study will assess nuclear power's role as a stable base-load supply, particularly in areas where renewable energy (RE) deployment faces limitations.

"This study will evaluate waste management strategies to ensure nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the International Green Build Conference 2025.

At a press conference, Fadillah

said the move goes beyond technology adoption, requiring amendments to laws and coordination with the Science, Technology and Innovation Ministry and other agencies.

He said public acceptance is also needed before any nuclear project is implemented.

"Right now, we are receiving positive response to speed up the process."

He said Malaysia must comply with international frameworks, adding that 18 treaties and agreements need to be signed, including the Civil Nuclear Cooperation Agreement, or 123 Agreement, with the United States before a final decision is made on nuclear energy's inclusion in the national energy mix.

Fadillah said RE generation in

Peninsular Malaysia and Sabah remains constrained since available sources such as hydro, solar, biomass and biogas are limited.

"We have to find other firm energy that we can produce to support the base-load in the peninsula and Sabah. But the exact location will only be determined once all preconditions are met, including public acceptance and regulatory approvals."

Fadillah said the ministry will soon launch the National Energy Efficiency Action Plan 2026-2035 (NEEAP 2.0).

"This comprehensive strategy will chart initiatives across all sectors to drive energy savings, once again encompassing both electrical and thermal energy measures," he added.

Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof Speaking at the International Green Build Conference 2025 yesterday. NSTP PIC BY AZIAH AZMEE

**KUALA LUMPUR:** The government is studying the adoption of nuclear energy, including small modular reactors, as part of its future energy strategy under the 13th Malaysia Plan.

Energy Transition and Water Transformation (Petra) Minister Datuk Seri Fadillah Yusof said the feasibility study will assess nuclear power's role as a stable base-load supply, particularly in areas where renewable energy (RE) deployment faces limitations.

"This study will evaluate waste management strategies to ensure nuclear energy is integrated responsibly into

Malaysia's sustainable energy ecosystem," he said in his keynote address at the International Green Build Conference (IGBC) 2025.

At a press conference, Fadillah said the move goes beyond technology adoption, requiring amendments to laws and coordination with the Science, Technology and Innovation Ministry and other agencies.

He said public acceptance is also needed before any nuclear project is implemented.

"Right now, we are receiving positive responses and encouragement for us to speed up the process,"

He said Malaysia must comply with international frameworks, adding that 18 treaties and agreements need to be signed, including the Civil Nuclear Cooperation Agreement, or 123 Agreement, with the United States before a final decision is made on nuclear energy's inclusion in the national energy mix.

Fadillah said RE generation in Peninsular Malaysia and Sabah remains constrained since available sources such as hydro, solar, biomass and biogas are limited.

"We have to find other firm energy that we can produce to support the base-load in peninsula and Sabah. But the exact location will only be determined once all preconditions are met, including public acceptance and regulatory approvals." Fadillah said the ministry will soon launch the National Energy Efficiency Action Plan 2026–2035 (NEEAP 2.0).

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TheStar

## 1,000 Madani Parks Planned for Greener Malaysia

By Benjamin Lee



### 1,000 Madani parks planned for greener Malaysia

By BENJAMIN LEE  
benikh@thestar.com.my

**PETALING JAYA:** Some 1,000 Madani recreational parks will be created across the country over the next decade as part of efforts to promote sustainable urban living and development.

Housing and Local Government Minister Nga Kor Ming, who disclosed this, said a safely decommissioned landfill in Bandar Tenggara, Johor, was transformed into a public park recently.

"This milestone not only helps mitigate environmental pollution and eliminate odour issues, it also provides the community with much-needed green spaces for recreation, leisure and social activities.

"Such green elements serve as vital nature-based solutions to urban challenges. This includes mitigating flash floods and reducing the urban heat island effect, making our cities more liveable and resilient," he said in his keynote address at the International

Green Build Conference (IGBC) 2025 here yesterday.

Nga said the government was seeking US\$20mil (RM84mil) from the Global Climate Adaptation Fund to help scale up climate-resilient, nature-based solutions in Kuala Lumpur after previously securing US\$10mil from the fund for similar projects in Penang.

He said at least 20% of garbage trucks operating in the country would comprise electric vehicles by 2027 as part of the ministry's public cleansing reforms.

This change would be introduced for all states currently implementing the Solid Waste and Public Cleansing Management Act 2007, he added.

"We will also introduce nighttime cleaning services so as not to disrupt traffic flow and to better suit our country's climate.

"Comprehensive cleaning using water jets at strategic locations will also be implemented ahead of Visit Malaysia Year 2026," he said.



**Sustainability first:** (From left) Real Estate and Housing Developers' Association (REHDA) Malaysia president Datuk Ho Hon Sang, Green Real Estate (GreenRE) chairman Datuk Seri FD Iskandar, Nga and REHDA Institute chairman Datuk Jeffrey Ng Tiong Lip posing for a photo during the opening ceremony of IGBC 2025.

*Sustainability first: (From left) Real Estate and Housing Developers' Association (REHDA) Malaysia president Datuk Ho Hon Sang, Green Real Estate (GreenRE) chairman Datuk Seri FD Iskandar, Nga and REHDA Institute chairman Datuk Jeffrey Ng Tiong Lip posing for a photo during the opening ceremony of IGBC 2025.*

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SOURCE LINK:

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## DPM Fadillah: Petra to Study Small Modular Reactors as Potential Nuclear Energy

By Zakkina Wati Ahmad Tarmizi



KUALA LUMPUR (Aug 19): The Ministry of Energy Transition and Water Transformation (Petra) is conducting a feasibility study on nuclear energy, including small modular reactors (SMRs) to assess their potential as a stable base-load power source, said its Minister Datuk Seri Fadillah Yusof.

Fadillah, who is also deputy prime minister, said the study will focus on regions where renewable energy deployment faces unique challenges, particularly in Peninsular Malaysia and Sabah.

### DPM Fadillah: Petra to study small modular reactors as potential nuclear energy

Bernama

"This study will carefully evaluate waste management strategies to ensure that nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the 5th International Green Build Conference (IGBC 2025) on Monday.

According to Fadillah, the feasibility study will also focus on regulatory requirements, including the need to amend existing laws and related regulations, as well as on human capital development.

Additionally, he said the ministry will

examine nuclear safety, safeguards and security, alongside efforts to engage with the public to ensure wider acceptance before any further action is taken.

"We are also working together to ensure that human capital development will be one of the areas that we focus on, not only in terms of technology but also from the enforcement perspective," he added.

Commenting further, Fadillah noted that the ministry has received positive feedback and encouragement from the public and industry players on the potential of nuclear energy as part of the renewable energy sources.

"But the process, as you know, requires us to ratify 18 international treaties and agreements, one of which is the 123 Agreement with United States. Only then can we firm up the final decision on whether nuclear will be part of our future energy mix," he noted.

In the meantime, Fadillah also highlighted that Petra will launch the National Energy Efficiency Action Plan 2026-2035 (NEEAP 2.0) by the end of this year.

He added that the comprehensive strategy will chart initiatives across all sectors to drive energy savings, encompassing both electrical and thermal energy measures.

PETALING JAYA: Kerajaan sedang menjalankan kajian kebolehlaksanaan mengenai tenaga nuklear, termasuk Reaktor Modul Kecil (SMR) selaras dengan Rancangan Malaysia ke-13 (RMK13).

Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof berkata, ini bagi menilai potensinya sebagai sumber tenaga asas yang stabil untuk kawasan yang menghadapi cabaran unik dalam pelaksanaan tenaga boleh baharu.

"Kajian ini akan menilai secara teliti strategi pengurusan sisa bagi memastikan tenaga nuklear diintegrasikan secara bertanggungjawab ke dalam ekosistem tenaga mampan negara," katanya dalam ucapan di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025.

Fadillah berkata, Langkah ini melangkaui aspek pengambilan teknologi dan memerlukan pindaan terhadap undang-undang sedia ada serta undang-undang berkaitan, dengan Kerjasama Kementerian Sains, Teknologi dan Inovasi (Mosti) serta agensi-agensi lain.

"Kami sedang bekerjasama untuk memastikan pembangunan modal insan menjadi antara bidang yang

perlu diberi tumpuan bukan sahaja dari segi teknologi, tetapi juga dari aspek penguatkuasaan.

"Lebih penting lagi, kita perlu mengenal pasti teknologi lain yang tersedia dan menilainya dari sudut keselamatan, perlindungan serta sekuriti," katanya.

Fadillah turut menekankan, penerimaan rakyat akan menjadi factor utama sebelum sebarang projek tenaga nuklear dilaksanakan.

"Ketika ini, kita menerima maklum balas yang positif dan galakan untuk mempercepatkan proses ini," tambahnya.

Katanya, Malaysia juga perlu mematuhi kerangka antarabangsa dan beliau mengesahkan 18 perjanjian dan perjanjian antarabangsa yang perlu ditandatangani.

"Ini termasuk Perjanjian Kerjasama Nuklear Awam atau lebih dikenali sebagai Perjanjian 123, dengan Amerika Syarikat (AS), sebelum keputusan muktamad dibuat sama ada tenaga nuklear akan menjadi sebahagian daripada campuran tenaga negara.

Mengulas lanjut, penjaan tenaga boleh baharu di Semenanjung Malaysia dan Sabah masih terhad memandangkan sumber yang tersedia seperti hidro, solar, biojisim dan biogas adalah terhad.

"Kita perlu mencari tenaga lain yang kukuh untuk menyokong beban asas di Semenanjung dan Sabah.

"Tetapi lokasi sebenar hanya akan ditentukan selepas semua prasyarat dipenuhi, termasuk penerimaan rakyat dan kelulusan peraturan," jelasnya.

Berdasarkan penguatkuasaan Akta Kecekapan dan Pemuliharaan Tenaga (EECA) 2024, Fadillah berkata,

Peralihan tenaga dan Transformasi Air (PETRA) akan melancarkan Pelan Tindakakn Kecekapan Tenaga Negara 2026-2035 (NEEAP 2.0) tidak lama lagi.

"Strategi menyeluruh ini akan merangka inisiatif merentasi semua sektor untuk menggalakkan penjimatan tenaga, merangkumi langkah kecekapan tenaga elektirk dan terma," katanya.



SOURCE LINK:

The Sun Daily

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## Move to Integrate TOD into Future Public Housing Projects

By John Gilbert



PETALING JAYA: The government is strategising to integrate Transit-Oriented Development into future public housing to improve access for urban communities to job opportunities and education, and also help to ease traffic congestion in city centres.

Housing and Local Government Minister Nga Kor Ming said Malaysia is also expanding the adoption of Industrialised Building System and modular technologies such as prefabricated prefinished volumetric construction in public housing projects, adding that this approach reduces construction costs, minimises noise pollution and lowers construction waste.

"In addition, Malaysia through public-private people partnerships is strengthening green building standards, updating codes and incentivising sustainable practices across urban development projects.

"Our Malaysian GreenRE and Green Building Index are among the testaments to this effort, fostering innovation and responsible development.

"From energy-efficient design standards to promoting renewable energy adoption such as solar, geothermal, and beyond, our strategic focus centres on transforming Malaysia into a model of sustainable urban living," he told delegates at the International Green Build Conference 2025 yesterday.

Nga said Malaysia and Asean are undergoing rapid urbanisation, with the rate projected to rise from 56% today to 70% by 2050.

Capitals such as Kuala Lumpur, Jakarta and Bangkok are already grappling with the growing pressures of urban growth, including severe traffic congestion and the rising challenge of housing affordability for local communities.

Nga pointed out that the World Bank has cautioned that if left unchecked, urban sprawl could cost Asean economies as much as 2% of gross domestic product annually by 2030 due to congestion and pollution.

"These realities demand urgent, innovative, and comprehensive action. We cannot afford to treat sustainability as an afterthought or optional; it must be the very foundation upon which we design, develop, and build our future cities and communities," he said.

Moving on, Nga said Malaysia has pledged to develop 1,000 Madani recreational parks nationwide by 2035, aiming to expand green spaces.

"Notably, for the first time in our history, we have successfully transformed a safely decommissioned landfill in Bandar Tenggara, Johor, into a public park, a milestone that not only helps to mitigate environmental pollution and eliminate odour issues but also provides the community with much-needed green spaces for recreation, leisure, and social activities.

"In Penang, we secured US\$10 million (RM42.2 million) from the Global Climate Adaptation Fund to incorporate

stormwater management systems into public parks and to install green roofs on the Hin Bus Depot.

"Building on this success, Malaysia is now actively seeking an additional US\$20 million from the fund to scale up climate-resilient, naturebased solutions in Kuala Lumpur," Nga said.

In line with the National Energy Transition Roadmap to achieve 70% of renewable energy capacity by 2050, Nga said the ministry is aiming to set up 18 waste-to-energy plants across Peninsular Malaysia.

These facilities are expected to generate up to 600MW of clean energy, thereby reducing reliance on landfills and lowering greenhouse gas emissions.

"Furthermore, we have set a target of 40% recycling rate, which calls for a whole-of-nation approach starting at the community level," Nga said.

Meanwhile, GreenRE chairman Datuk FD Iskandar said the Green Relief has certified over 400 million square feet of cross-floor area across more than 800 projects, encompassing residential, commercial, industrial, and institutional developments.

Green Relief, commonly referred to as GreenRE, is a Malaysian green certification tool designed to uphold and promote sustainable building practices within the country's real estate sector.

Iskandar said this achievement reflects more than just a numerical achievement and signals that the market is prepared to embrace sustainable practices.

SOURCE LINK:

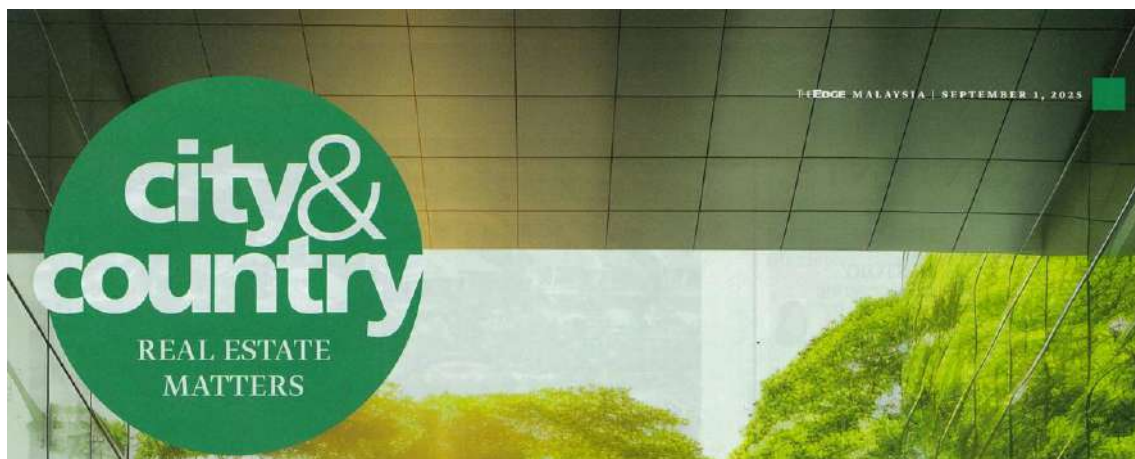
The Edge Malaysia

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## IGBC 2025 Highlights the Need to Embrace Innovations Amid Climate Change

By Priya Devan and Chelsea J Lim







The International Green Build Conference 2025, which was held at One World Hotel on Aug 19, attracted more than 800 participants.

Climate change demands urgent adaptation and the adoption of eco-friendly strategies, particularly in the building and construction industry, given its significant contribution to global emissions. “We are responsible for nearly 40% of global emissions, but that can and must be changes. We must stop being part of the climate problems and start becoming the structural backbone of the solution,” said GreenRE chairman Datuk Seri FD Iskandar in his opening speech at the International Green Building Conference (IGBC) 2025 held at One World Hotel, Petaling Jaya, on Aug 19.

Housing and Local Government Minister Nga Kor Ming stressed the need to build climate-resilient developments. “Asean is undergoing rapid urbanization, with the rate projected to rise from 56% today to 70% by 2050. Capitals such as Kuala Lumpur, Jakarta and Bangkok are already grappling with the growing pressures of urban growth, including severe traffic congestion and the rising challenge of housing affordability for local communities. The World Bank has cautioned that if left unchecked, urban sprawl could cost Asean economies as much as 2% of GDP (gross domestic product) annually by 2030, owing to congestion and pollution,” Nga said in his ministerial keynote address, adding that sustainability must be foundation of future cities and communities.

Meanwhile, Deputy Prime Minister and Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof, in his ministerial keynote address,

stressed the importance of energy efficiency in the built industry. “The Energy Efficiency and Conservation Act 2024 provides the legal foundation to advance our national efficiency agenda. This Act covers both electrical and thermal energy, placing focus on managing demand comprehensively while promoting efficient energy use across the industrial, commercial and domestic sectors. For the building sector, the Act is especially significant, as it encourages the adoption of energy-efficient designs in new construction as well as improved energy management in existing ones,” Fadillah said. Co-organised by Real Estate and Housing Developers’ Association (REHDA) Institute and GreenRE Sdn Bhd, the one-day conference featured panel discussions and talks by speakers from across the globe and attracted more than 800 participants.

Mitigating Climate Threats Through Design

During the panel discussion titled “Adaptation and Resilience in a Changing Climate”, moderator Datuk N K Tong, who is Bukit Kiara Properties group managing director and immediate past president of REHDA Malaysia, posed a pertinent question: “What are the climate threats that you faced and what are some of your design approaches to mitigate these threats?” The panellists—Zaha Hadid associate director (Hong Kong, Shenzhen and China) Shao-Wei Huang, Foster + Partners director (Thailand) Sunphol Sorakul, Henning Larsen director (Asia Pacific) Leonard Ng and Agung Sedayu Group director of integrated city development

Kevin Lew— offered views on how heat is affecting buildings.

Zaha Hadid's Huang said: "We've found that solar gain and daylighting significantly affect user comfort. That's why we need to proactively understand their impact, especially since different regions have different conditions. We don't want our building exterior to be disconnected from what's happening around it. That's why, when we begin the design process, this understanding becomes part of our early-stage thinking." He added that understanding the unique environmental conditions of each region allows the building exterior to respond effectively to key performance criteria. This leads to a more breathable relationship between the building and its surrounding, thereby creating an agile energy model that significantly improves the overall quality of the building. "The real challenge is the climate. We need to forecast what's coming in the next decade, or even in the next two decades, because this also plays a major role in a building's life cycle management," Huang said.

Foster + Partners' Sunphol explained how heat gain can be effectively minimised by combining passive design with an active design strategy. "A good survey can help us understand which direction the daylight is coming from, so we can prevent heat gain from becoming a problem," Sunphol said. While adding screens for sunshading is common, he emphasised the value of adaptive screening, as demonstrated in Foster + Partners' The Forest Pavilion. This pavilion – an experience centre for The Forestias residential master plan in Bangkok—incorporates large overhangs to block direct sunlight, exemplifying passive design, "For a taller building, however, we needed secondary vertical protection, along with other elements like high-performance glass, to bring in daylight without the heat," said Sunphol.

Meanwhile, Henning Larsen's Ng highlighted urban heat islands, flooding and sea level rise as key climate threats observed in Singapore, with developers striving to make their projects resilient. He noted, however, that developers also prioritised maximising returns on their investments in climate-resilient design. "In the North-South Corridor [in Singapore], we're building a car-like corridor that connects communities. It needs to be comfortable so that people will use it. In the end, it should help bind communities together and provide new spaces for businesses to gather," he said.

Meanwhile, Agung Sedayu's Lew talked about how strategic planning in the early stage is critical to minimising impact. He cited, for example, Pantai Indah Kapuk 2 township in North Jakarta, which involves

reclamation works to integrate a golf course. "What we're doing differently is a balancing act. Normally, when we talk about land development, we talk about cut-and-fill. But [when it comes to] the ocean, it's about how much to reclaim, how much to landfill. Right now, we're running an RFP (request for proposal) for a visionary plan—even before the concept stage—to test the design programming and ensure we're balancing between what we reclaim, what we landfill and what we leave untouched," he said.

"By integrating the golf course design, we can plan early for features like bunkers, water bodies and water barriers. These elements allow us to "cut" without unnecessary filling, which reduces the need for excessive reclamation. Many times, if projects are not planned properly, the entire site gets landfilled first, only to be dug up again later for ponds and sand traps. That's double work."

### **Learning from Heritage Conservation in London**

In her presentation titled "Lessons from London: Applying Rejuvenation Insights through BIM Technology to Malaysia's Urban Future", UK Parliament architect Catharine Dass discussed how using building information modelling (BIM) was driving smarter, faster and more sustainable urban rejuvenation in London. Malaysian-born Catharine was headhunted in 2019 to join the UK Parliament and is recognised for pioneering the integration of digital heritage requirements into conservation projects for historic buildings. "I brought with me a strong knowledge of digital construction technologies but noticed a major gap, which is the use of digital tools in heritage, especially in capturing heritage data. To bridge this gap, I initiated the application of digital coding, using Uniclass classification, for heritage assets," she said.

Catharine was involved in the conservation of Elizabeth Tower, also known as Big Ben, in London." Designed by Augustus Pugin in Neo-Gothic style and completed in 1859, it stands at 96.2m tall, with 334 steps to the belfry. For comparison, Batu Caves has 272 steps. Conservation work began in 2017, just before I joined Parliament in 2019. Big Ben weighs 13.7 tonnes, and each clock dial is 7m wide," she said. Explaining how BIM was used to drive conservation works for Big Ben, Catharine said: "During the design stage, BIM supported surveys, planning budgeting, collaborative working, health and safety assessments as well as asset management. Structured information also enabled environmental control—for instance, monitoring decay and changes, supporting preventive maintenance, improving decision-making, reducing costs and producing scalable data."

In the conversation of Big Ben's stonework, Catharine said surveys revealed damage caused by centuries of pollution and water exposure." A tracing system was applied to the model to assess each stone, quantify repairs and plan maintenance for the next 30 years. By digitally recording stone sources, future repairs can be planned without starting from scratch." Catharine is also involved in the conservation of a cloister at the Palace of Westminster in London." Over centuries, it has suffered water and bomb damage. We are now conserving and restoring it under a Conservation Management Plan. Normally, conservation sketches identifying stones of different periods are recorded on 2D drawings. Instead, I asked the team to capture this information in 3D," she said.

"What is typically delivered as a 2D drawing was instead modelled in 3D, with data exported in COBie (Construction-Operations Building Information exchange) format so that it could integrate with our asset information system. COBie structures model information into colour-coded tabs, like organising Lego blocks, making it easier to manage complex conservation data." According to Catharine, since BIM standards do not typically cover conservation-specific needs, she decided to adapt the attribute tab to include additional heritage requirements. "To make this data machine-readable, we applied Uniclass coding. Similar to how every item in a supermarket has a barcode, Uniclass provides a consistent classification for elements, products, systems and entities. Before my involvement, heritage-specific coding was almost non-existent. "Working with the National Building Specification (the provider of Uniclass), new categories for heritage elements have now been introduced. This benefits not only my work but also asset owners worldwide who use BIM."

Concluding her presentation, Catharine said: "BIM can transform Malaysia's urban future. You can start small by piloting BIM on a key heritage site, then learn, adapt and scale. What's important is setting clear and specific requirements. "Of course, it requires investment in skills like training local teams in digital tools, heritage care and technology. It may seem like a big initial investment, but the long-term returns are significant... and can cut project costs by 10% to 20% while reducing delays."

### **Smart Maintenance Strategies**

In the next presentation, titled "Future-Proofing Built Environments: Energy-Efficient Facilities Management and Green Data Centre Design through Predictive and Preventive Strategies", Measurement & Verification (M&V) Pte Ltd managing director Steven Kang talked about strategies from his work on green-certified data

centres and smart maintenance systems across Singapore. In presenting a case study, Kang said: "In 2013, Singapore became one of the first countries in the world to impose minimum standards for chiller plant efficiency. More importantly, the government enforced very strict measurement standards. "The law requires us to measure chilled water temperature to an accuracy of  $\pm 0.03^{\circ}\text{C}$ . For flow, magnetic flow meters with  $\pm 0.5\%$  accuracy, and power meters with  $\pm 1\%$  accuracy are used. This allows us to measure the overall chiller plant efficiency, with a lifetime accuracy of  $\pm 5\%$  over 15 years."

Kang added that in 2021, Singapore introduced a legislation requiring Total System Efficiency (TSE) to be backed by accurate, continuous measurement. For context, TSW combines chiller-plant efficiency with airside efficiency, so the entire air-conditioning system is assessed holistically. "Today, it's standard in Singapore for all government and private contracts to include clear financial penalties for underperformance. If an energy services company or contractor fails to deliver the promised efficiency, they must pay the difference in utility charges.

"As a result, we've seen the rise of many energy services companies, while there has been a decline in the number of traditional ACMV (Air Conditioning and Mechanical Ventilation) companies. I hope this data-driven, performance-based approach will also be adopted in Malaysia, especially starting with the Johor-Singapore Special Economic Zone." Another case study Kang highlighted was the end of proprietary, or being held "hostage" by foreign Building Management System (BMS) software.

"In the 1990s, BMS systems were dominated by large American and European companies. Once you signed a contract with them, you were locked in for 10 years, often with expensive maintenance contracts and poor service... Now, however, the market in Singapore has shifted towards BMS platforms that do not hold owners hostage." In 2013, Kang said, M&V introduced the first open, non-proprietary BMS software, called Niagara, in Singapore, "The Niagara BMS platform offer a powerful combination of open architecture, interoperability and strong SI (system integrator) support, making it very attractive compared to traditional proprietary systems. This has become a major disruption for traditional BMS companies," he said.

### **ESG-friendly Centralised Labour Quarters**

In the final presentation, titled "CLQs as a Green Commercial Asset Class: Unlocking Long-Term Income Streams and ESG Investment Potential for Developers",

Dormitory Association Singapore Ltd council member Alexander Wu discussed how centralised labour quarters could be integrated with sustainable materials, energy-efficient systems and improved living conditions while securing long-term recurring income.

"Workers' dormitories are evolving into community living spaces, similar to co-living arrangements. The challenge is that Singapore has limited land. We must balance economic viability with building dormitories that are high-tech, well-operated and conducive places to live. The solution is to install technology and high-tech fittings to help dormitory operators run efficiently. Dormitories can then be valuable assets, not just for private investors but also for the government," Wu said,

He was involved in a 19-week collaboration with a design think tank to enhance the dormitory living environment, encourage community engagement and foster a sense of ownership among residents. "Like designing a home, dormitories now incorporate private areas, social spaces, kitchens and recreation facilities. This shift helps workers feel they belong, rather than viewing dormitories as temporary shelters," he explained. From an environmental, social and governance (ESG) perspective, Wu said centralised dormitories also reduced strain on neighbourhood and utilities while enabling large-scale sustainability initiative such as solar energy, rainwater harvesting and energy-efficient systems. "For example, for a project housing 12,000 workers, we were burning 600 litres of diesel daily. By investing in solar panels and energy storage systems, we cut this down to almost zero, reducing 34 megastonnes of carbon dioxide annually," Wu said. In terms of financial benefits, dormitories provide recurring income, unlike one-off residential projects. "Dormitories can also host ancillary services such as canteens, supermarkets and training centres, which generate extra revenue," he said. "All in all, they provide steady income, improve ESG compliance and make industrial parks more appealing to global employers. Being ESG-compliant means access to cheaper green financing, which makes a big difference in cost."



*Nga: Urban sprawl could cost Asean economies as much as 2% GDP annually by 2030, owing to congestion and pollution*



*Fadillah: The Energy and Conservation Act 2024 provides the legal foundation to advance our national efficiency agenda*



*Catharine: BIM can transform Malaysia's urban future. You can start small by piloting BIM on a key heritage site, then learn, adapt and scale.*



*Kang: M&V's Niagara BMS platform offers a powerful combination of open architecture, interoperability and strong SI support*



*Wu: Workers' dormitories are evolving into community living spaces, similar to co-living arrangements*



*FD Iskandar: We must stop being part of the climate problems and start becoming the structural backbone of the solution*



SOURCE LINK:

The Sun Daily

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## Govt to Conduct Feasibility Study on Nuclear Energy

By John Gilbert



### Govt to conduct feasibility study on nuclear energy

**PETALING JAYA:** The government will conduct a feasibility study on nuclear energy, including small modular reactors (SMR), to assess its potential as a stable base-load power source for regions where renewable deployment faces unique challenges.

Deputy Prime Minister and Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof said this study will evaluate waste management strategies to ensure nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem.

"We are assessing existing technologies in terms of safety, safeguards, and security to determine what is best for Malaysia. Public engagement and acceptance are critical, as only with their support can this nuclear energy initiative move forward."

"Encouragingly, industry feedback has been very positive, with many urging us to accelerate the nuclear energy process," he told reporters at the International Green Build Conference 2025 (IGBC 2025) yesterday.

Fadillah said from a regulatory perspective, the government's focus extends beyond compliance to building the right human capital. This involves not only developing technological expertise but also strengthening enforcement capabilities, which must be seen as a priority, he added.

"Of course, there are international commitments to consider. Malaysia must align with 18 international treaties and agreements – including several with the United States – before we can finalise a decision on nuclear energy."

"Only then can we determine whether



Fadillah visiting a booth at the International Green Build Conference 2025 yesterday. – BERNAMAPIC

nuclear energy will become part of our future energy mix," Fadillah said.

Touching on Sabah's energy demand and nuclear energy potential, Fadillah said the government must assess the preconditions.

"In Sabah, energy resources are limited. The state does not have significant hydro or solar capacity, and while battery storage, biomass, and biogas can play a role, these sources are also limited. Therefore, we need to identify other firm energy options that can provide a reliable base load for Sabah and the wider region."

Fadillah said any decision must be based on meeting key preconditions. This includes securing public acceptance, ensuring regulatory frameworks are firmly established, and addressing all necessary requirements before

moving forward.

"The final decision on the exact location for the SMR cannot be made until these preconditions are satisfied. Only after the base framework is finalised can we proceed with the Environmental Impact Assessment and confirm the certainty of location for the SMR," he added.

Apart from nuclear energy, Fadillah said, the government will launch the National Energy Efficiency Action Plan 2026-2035, a comprehensive strategy that will chart initiatives across all sectors to drive energy savings, encompassing both electrical and thermal energy measures.

"Our efforts are firmly anchored in the 13th Malaysia Plan, which identifies sustainability and green growth as national priorities," he added. – **JOHN GILBERT**

*Fadillah visiting a booth at the International Green Build Conference 2025 yesterday.*

**PETALING JAYA:** The government will conduct a feasibility study on nuclear energy, including small modular reactors (SMR), to assess its potential as a stable base-load power source for regions where renewable deployment faces unique challenges.

Deputy Prime Minister and Energy Transition and Water Transformation Minister Datuk Seri Fadillah Yusof said this study will evaluate waste management strategies to ensure nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem.

"We are assessing existing technologies in terms of safety, safeguards, and security to determine what is best for Malaysia. Public engagement and acceptance are critical, as only with their support can this nuclear energy initiative move forward."

"Encouragingly, industry feedback has been very positive, with many urging us to accelerate the nuclear energy process," he told reporters at the International Green Build Conference 2025 (IGBC 2025) yesterday.

Fadillah said from a regulatory perspective, the government's focus extends beyond compliance to building the right human capital. This involves not only developing technological expertise but also strengthening enforcement capabilities, which must be seen as a priority, he added.

"Of course, there Fadillah visiting a booth at the International Green Build Conference 2025 yesterday. - BERNAMAPIC moving forward. "The final decision on the exact location for the SMR cannot be made until these preconditions are satisfied. Only after the base framework is finalised can we proceed with the Environmental Impact Assessment and confirm the certainty of location for the SMR," he added. are international commitments to consider. Malaysia must align with 18 international treaties and agreements including several with the United States - before we can finalise a decision on nuclear energy.

"Only then can we determine whether nuclear energy will become part of our future energy mix," Fadillah said.

Touching on Sabah's energy demand and nuclear energy potential, Fadillah said the government must assess the preconditions.

"In Sabah, energy resources are limited. The state does not have significant hydro or solar capacity, and while

battery storage, biomass, and biogas can play a role, these sources are also limited. Therefore, we need to identify other firm energy options that can provide a reliable base load for Sabah and the wider region."

Fadillah said any decision must be based on meeting key preconditions. This includes securing public acceptance, ensuring regulatory frameworks are firmly established, and addressing all necessary requirements before moving forward.

"The final decision on the exact location for the SMR cannot be made until these preconditions are satisfied. Only after the base framework is finalised can we proceed with the Environmental Impact Assessment and confirm the certainty of location for the SMR," he added.

Apart from nuclear energy, Fadillah said, the government will launch the National Energy Efficiency Action Plan 2026-2035, a comprehensive strategy that will chart initiatives across all sectors to drive energy savings, encompassing both electrical and thermal energy measures.

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SOURCE LINK:

New Straits Times

PUBLISHED DATE: 20 August 2025

# NEW STRAITS TIMES

## Budget to be crafted on SDG, says Nga

By John Gilbert

# NEW STRAITS TIMES

ESTABLISHED 1845

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### SUSTAINABLE AMBITIONS

## Budget to be crafted on SDG, says Nga

**PETALING JAYA:** Malaysia's 2026 Budget will be crafted with the United Nations' Sustainable Development Goals (SDGs) at its core in driving the ambitions of the 13th Malaysia Plan (13MP), said Housing and Local Government Minister Nga Kor Ming.

The ministry held a dialogue with over 300 stakeholders yesterday to ensure that the 2026 Budget reflects the people's aspirations.

Nga said the government is committed to delivering a people's responsive budget through active consultation and feedback.

"We are the government by the people and for the people, and we are the government who listens to the people.

"We listen, we act and we strive to deliver what the people expect," he said after delivering the keynote address at the International Green Build Conference (IGBC) 2025 here yesterday.

Nga said the ministry's main commitment under the 13MP is housing and public cleanliness reforms.

"Starting in 2027, all states under the Solid Waste and Public Cleansing Management Act 2007 must ensure that 20 per cent of

their garbage trucks are electrified, replacing those powered by fossil fuel.

"This transition will see the rollout of thousands of electric garbage trucks," he said.

He added that to minimise congestion and improve urban livability, the ministry will also roll out night cleaning services.

"The slogan is, 'KL sleeps and when you wake up, KL shines'.

"In other words, while we rest, our cleaning staff is hard at work, and when we begin our day, they take their rest," he said.

He also said that the waste-to-energy (WTE) effort will be



Housing and Local Government Minister Nga Kor Ming (second right) with (from left) Real Estate and Housing Developers' Association Malaysia (Rehda) president Datuk Ho Hon Sang, GreenRe chairman Datuk Seri F.D. Iskandar and Rehda Institute chairman Datuk Jeffrey Ng Tiong Lip during International Green Build Conference 2025 in Bandar Utama, Petaling Jaya, yesterday. NSTP PIC BY AZIAH AZMEE

strengthened with 18 WTE plants across Peninsular Malaysia, which are expected to supply electricity to 500,000 households.

Earlier, Nga said the ministry has set a target of a 40 per cent recycling rate, which calls for a whole-of-nation approach starting at the community level.

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SOURCE LINK:

New Straits Times

PUBLISHED DATE: 20 August 2025

## Kajian Kebolehlaksanaan Untuk Menilai Potensi Tenaga Nuklear

By Zakkina Wati Ahmad Tarmizi



### PETRA jalankan kajian potensi tenaga nuklear

**Kementerian** Peralihan Tenaga dan Transformasi Air (PETRA) sedang menjalankan kajian kebolehlaksanaan tenaga nuklear, termasuk membabitkan reaktor modular kecil (SMR).

Timbalan Perdana Menteri, Datuk Seri Fadillah Yusof, berkata ia bagi menilai potensi tenaga itu sebagai sumber tenaga asas yang stabil di kawasan yang menghadapi cabaran yang tersendiri dalam pelaksanaan tenaga boleh baharu (RE).

Katanya, kajian itu juga akan meneliti dengan teliti strategi pengurusan sisa bagi memastikan tenaga nuklear dapat diintegrasikan secara bertanggungjawab dalam ekosistem tenaga lestari negara.

"Selain aspek teknologi, kajian ini turut membabitkan isu perundangan dengan melihat keperluan pindaan undang-undang sedia ada serta pengenalan akta baharu berkaitan nuklear.

"Fokusnya adalah perspek-

tif kawal selia, selain memastikan pematuhan terhadap pelbagai perjanjian antarabangsa. Ketika ini, terdapat 18 perjanjian antarabangsa yang perlu diratifikasi, termasuk '123 Agreement' dengan Amerika Syarikat (AS) sebelum sebarang keputusan dimuktamadkan," katanya selepas menyampaikan ucapan di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di Petaling Jaya, semalam.

Mengulas lanjut, Fadillah berkata, pembangunan modal insan juga perlu diberi penekanan, bukan sahaja dari segi kepakaran teknologi, malah meliputi aspek penguatkuasaan, pemantauan dan keselamatan.

Katanya, penilaian terhadap keselamatan, perlindungan serta keselamatan turut menjadi



Fadillah Yusof

sebahagian daripada kajian berkenaan bagi memastikan teknologi yang dipilih benar-benar sesuai dan selamat untuk digunakan di Malaysia.

"Lebih penting ialah memastikan penerimaan masyarakat. Libat urus awam amat diperlukan kerana kita mahu persepsi umum mengenai tenaga nuklear, yang

biasanya disambut dengan pandangan 'asalkan bukan di kawasan saya'.

"Hanya selepas aspek penerimaan awam, perundangan dan kawal selia dimuktamadkan, barulah kerajaan boleh membuat keputusan muktamad," katanya.

Menyentuh mengenai lokasi, Fadillah menjelaskan tiada cadangan khusus ditetapkan setakat ini, namun Semenanjung dan Sabah dikenal pasti sebagai kawasan

berpotensi kerana keterbatasan sumber RE di kedua-dua wilayah itu.

Katanya, sumber tenaga alternatif seperti hidro, solar, biomas dan biogas di Semenanjung serta Sabah masih terhad dan tidak mencukupi untuk menampung permintaan tenaga asas.

"Lokasi sebenar hanya akan ditentukan selepas dasar dimuktamadkan, termasuk melalui penilaian impak alam sekitar (EIA) serta libat urus masyarakat setempat.

"Buat masa ini, kita menerima maklum balas positif dan dorongan untuk mempercepatkan proses kajian, namun kerajaan tetap perlu melalui semua pra-syarat sebelum membuat keputusan.

"Hanya selepas semua syarat dipenuhi, barulah kerajaan boleh menentukan sama ada tenaga nuklear akan dimasukkan dalam campuran tenaga negara pada masa depan," katanya.

**Kementerian** Peralihan Tenaga dan Transformasi Air (PETRA) sedang menjalankan kajian kebolehlaksanaan tenaga nuklear termasuk membabitkan reaktor modular kecil (SMR).

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"Selain aspek teknologi, kajian ini turut membabitkan isu perundangan dengan melihat keperluan pindaan undang-undang sedia ada serta pengenalan akta baharu berkaitan nuklear.

"Fokusnya adalah perspektif kawal selia, selain memastikan pematuhan terhadap pelbagai perjanjian

antarabangsa. Ketika ini, terdapat 18 perjanjian antarabangsa yang perlu diratifikasi, termasuk '123 Agreement' dengan Amerika Syarikat (AS) sebelum sebarang keputusan dimuktamadkan," katanya.

Beliau berkata demikian ketika ditemui media selepas menyampaikan uap terna di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025 di sini, hari ini.

Mengulas lanjut, Fadillah berkata, pembangunan modal insan juga perlu diberi penekanan, bukan sahaja dari segi kepakaran teknologi, malah meliputi aspek penguatkuasaan, pemantauan dan keselamatan.

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terhad dan tidak mencukupi untuk menampung permintaan tenaga asas.

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SOURCE LINK:

Borneo Post (Kuching), Malaysia

PUBLISHED DATE: 20 August 2025

# THE BORNEO POST

## Petra to Study Small Modular Reactors as Potential Nuclear Energy Source—Fadillah



Fadillah (second left) is briefed during a visit to a booth at the exhibition. — Bernama photo

### Petra to study small modular reactors as potential nuclear energy source — Fadillah

**PETALING JAYA:** The Ministry of Energy Transition and Water Transformation (Petra) is conducting a feasibility study on nuclear energy, including small modular reactors (SMRs) to assess their potential as a stable base-load power source, said its Minister Datuk Seri Fadillah Yusof.

Fadillah, who is also Deputy Prime Minister, said the study will focus on regions where renewable energy deployment faces unique challenges, particularly in Peninsular Malaysia and Sabah.

This study will carefully evaluate waste management strategies to ensure that nuclear energy is integrated responsibly into Malaysia's sustainable energy ecosystem, he said in his keynote address at the 5th International Green Build Conference here yesterday.

According to Fadillah, the feasibility study will also focus on regulatory requirements, including the needs to amend existing laws and related regulations, as well as on human capital development.

Additionally, he said Petra will examine nuclear safety, safeguards and security, alongside efforts to engage with the public to ensure wider acceptance before any further action is taken.

"We are also working together to ensure that human capital development will be one of the area that we focus on, not only in terms of technology but also from the enforcement perspective," he added.

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Fadillah, who is also deputy prime minister, said the study will focus on regions where renewable energy deployment faces unique challenges, particularly in Peninsular Malaysia and Sabah.

"This study will carefully evaluate waste management strategies to ensure that nuclear energy is integrated

responsibly into Malaysia's sustainable energy ecosystem," he said in his keynote address at the 5th International Green Build Conference (IGBC 2025) here yesterday.

*Additionally, he said the ministry will examine nuclear safety, safeguards and security, alongside efforts to engage with the public to ensure wider acceptance before any further action is taken.*

*"We are also working together to ensure that human capital development will be one of the area that we focus on, not only in terms of technology but also from the enforcement perspective," he added.*

*Commenting further, Fadillah noted that the ministry has received positive feedback and encouragement from the public and industry players on the potential of nuclear energy as part of the renewable energy sources.*

*"But the process, as you know, requires us to ratify 18 international treaties and agreements, one of which is the 123 Agreement with United States. Only then can*

*we firm up the final decision on whether nuclear will be part of our future energy mix," he noted.*

*Fadillah also said that Petra will launch the National Energy Efficiency Action Plan 2026-2035 (NEEAP 2.0) by the end of this year.*

SOURCE LINK:

Harian Metro

PUBLISHED DATE: 20 August 2025



## Antara Reformasi Pembersihan Awam Mulai 2027 20% Lori Sampah Guna EV

By Hazwan Faisal Mohamad



### ANTARA REFORMASI PEMBERSIHAN AWAM MULAI 2027 20% LORI SAMPAH GUNA EV

Oleh Hazwan Faisal Mohamad  
smf@metro.com.my

**Petaling Jaya**

Bermula 2027, 20 peratus daripada lori sampah yang beroperasi dalam negara akan menggunakan tenaga elektrik (EV) sebagai sebahagian daripada reformasi pembersihan awam oleh Kementerian Perumahan dan Kerajaan Tempatan (KPKT).

Nga Kor Ming berkata, langkah itu bagaimanapun hanya akan membabitkan negeri yang menggunakan Akta Pengurusan Sisa Pepejal dan Pembersihan Awam 2007 (Akta 672).

"Mulai 2027, semua negeri yang memakai Akta 672, 20 peratus daripada lori sampah perlu menggunakan EV," katanya pada sidang media di Perbadanan Hutan Bukit Kemuning, 19 Ogos 2025, semasa sesi perjumpaan dengan media.

"Yang kedua, kita akan memperkenalkan perkhidmatan pembersihan waktu malam supaya tidak mengganggu lalu lintas trafik di kawasan-kawasan bandar," katanya.

"Selain itu, kita juga akan memperkenalkan perkhidmatan pembersihan waktu malam supaya tidak mengganggu lalu lintas trafik selain lebih sesuai dengan iklim negara kita."

"Selain itu, kita juga akan memperkenalkan perkhidmatan pembersihan waktu malam supaya tidak mengganggu lalu lintas trafik di kawasan-kawasan bandar," katanya.

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KPKT cadang tubuh 18 loji Sisa- Kepada-Tenaga atau WTE di seluruh Semenanjung yang dijangka dapat menjana sehingga 600mw tenaga bersih, sekali gus mengurangkan ketergantungan kepada tapak pelupusan sampah.

**Petaling Jaya:** Bermula 2027, 20 peratus daripada lori sampah yang beroperasi dalam negara akan menggunakan kenderaan elektrik (EV) sebagai sebahagian daripada reformasi pembersihan awam oleh Kementerian Perumahan dan Kerajaan Tempatan (KPKT).

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"Mulai 2027, semua negeri yang memakai Akta 672, 20 peratus daripada lori sampah perlu menggunakan EV, tidak lagi menggunakan gas fosil. Ini bermaksud, daripada ribuan lori sampah, 20 peratus kita akan gunakan EV. "Yang kedua, kita akan memperkenalkan perkhidmatan pembersihan waktu malam supaya tidak mengganggu lalu lintas trafik selain lebih sesuai dengan iklim negara kita.

"Selain itu, kita juga akan memperkenalkan pembersihan menyeluruh menggunakan kuasa jet air di

lokasi strategik bagi memastikan ia bersih daripada habuk. "Di kawasan tertentu, kita akan memulakan inisiatif ini menjelang Tahun Melawat Malaysia pada 2026," katanya pada sidang media di Persidangan Binaan Hijau Antarabangsa (IGBC) 2025, semalam.

Terdahulu dalam uaptamanya, Kor Ming berkata, selaras dengan Rancangan Malaysia Ke-13 (RMK13), kerajaan merancang untuk memperluaskan penggunaan sistem binaan berindustri (IBS) dan teknologi modular seperti PPVC dalam projek perumahan awam, selain memperkenalkan konsep pembangunan berorientasikan transit (TOD) bagi meningkatkan akses rakyat kepada peluang pekerjaan dan pendidikan.

Katanya, kerjasama awam-swasta-rakyat juga diperkukuh untuk memperbaharui kod bangunan hijau, di samping menyediakan insentif kepada pembangunan lestari.

"Melalui GreenRE dan Indeks Bangunan Hijau (GBI), kita menggalakkan reka bentuk kecekapan tenaga, penggunaan tenaga boleh diperbaharui seperti solar dan geoterma, sekali gus menjadikan Malaysia model kehidupan bandar mampan," katanya.

Beliau menambah, dalam usaha memperluas kawasan hijau, kerajaan turut berikrar membangunkan 1,000 Taman Rekreasi MADANI menjelang 2035.

Malah, katanya, sebuah tapak pelupusan sampah yang dinyahaktif di Bandar Tenggara, Johor berjaya ditransformasi menjadi taman awam pertama seumpamanya.

"Langkah ini bukan sahaja mengurangkan pencemaran dan bau, malah menyediakan ruang rekreasi penting untuk masyarakat," katanya.

Kor Ming menambah, selaras dengan Pelan Hala Tuju Peralihan Tenaga Negara (NETR) bagi mencapai 70 peratus kapasiti tenaga boleh diperbaharui menjelang 2050, kementerian menyasarkan menubuhkan 18 loji Sisa- Kepada-Tenaga atau *Waste-to-Energy* (WTE) di seluruh Semenanjung Malaysia.

"Kemudahan ini dijangka dapat menjana sehingga 600MW tenaga bersih, sekali gus mengurangkan kebergantungan kepada tapak pelupusan sampah dan menurunkan pelepasan gas rumah kaca," katanya.



SOURCE LINK:

中国报

PUBLISHED DATE: 20 August 2025

中國報  
CHINA PRESS

## 放眼 2027 年提高至 20%善用电动车管固体废物



倪可敏（左6）出席 2025 年国际绿色建筑大会。

（八打灵再也 19 日讯）房屋及地方政府部根据公共清洁改革议程，而放眼在 2027 年前，把固体废物管理中的电动车（EV）使用率提高至 20%。

房政部长倪可敏指出，在固体废物管理中使用电动车不仅可减少温室气体排放，长期看来还可节省营运成本。

“该目标符合国家公共清洁系统改革中提出的永续性城市原则。”

他说，有可能使用电动车技术的设备和车辆包括压实机、道路清扫车、洒水车和小型清扫车。

### 放眼2027年提高至20% 善用電動車管固體廢物

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他说，有可能使用电动车技术的设备和车辆包括压实机、道路清扫车、洒水车和小型清扫车。

他在2025年国际绿色建筑大会上致辞时提到，结合大马担任东盟和联合国人居大会主席国的身份，此举体现大马引领可持续发展目标的承诺。

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倪可敏随后发文告说，房政部计划在 2025 年前，在半岛建造 18 座废料转能源（WtE）厂。

他说，位于森美兰波德申的废料转能源厂已于 2023 年投入运作，马六甲双溪乌浪的废料转能源厂预计于 2029 年竣工。

“该计划有望产生高达 600 兆瓦的可再生能源，从而为 50 万户家庭提供可再生能源，支持大马在 2050 年之前实现 70% 可再生能源发电量的目标。”

Translation:

## **Aiming to Increase the Use of Electric Vehicles in Solid Waste Management to 20% by 2027**

**(Petaling Jaya, 19th Aug)** The Ministry of Housing and Local Government, in line with the Public Cleanliness Reform Agenda, aims to increase the usage rate of electric vehicles (EV) in solid waste management to 20% by 2027.

Minister of Housing and Local Government, Nga Kor Ming, pointed out that using electric vehicles in solid waste management can not only reduce greenhouse gas emissions, but also save operating costs in the long run.

"This target is in line with the sustainable city principles proposed under the national public cleanliness system reform." He said that equipment and vehicles that could potentially adopt electric vehicle technology include compactors, road sweepers, water tankers, and small sweepers. In his speech at the International Green Building Conference 2025, he mentioned that combined with Malaysia's role as the Chair of ASEAN and the UN-

Habitat Assembly, this initiative demonstrates Malaysia's commitment to leading the Sustainable Development Goals.

Nga Kor Ming later issued a statement saying that the Ministry plans to construct 18 Waste-to-Energy (WtE) plants in Peninsular Malaysia by 2025.

He said the Waste-to-Energy plant in Port Dickson, Negeri Sembilan, has already commenced operations in 2023, while the Waste-to-Energy plant in Sungai Udang, Melaka, is expected to be completed in 2029.

"This plan is expected to generate up to 600 megawatts of renewable energy, thereby providing renewable energy for 500,000 households, supporting Malaysia's goal of achieving 70% renewable energy generation before 2050."



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房地部 2050 年前建 18 焚化炉 扫街车 洒水车 改用电动车



## 房地部2050年前建18焚化爐 掃街車 灑水車 改用電動車

（吉隆坡19日讯）房屋及地方政府部部长倪可敏宣布，该部预计于2050年前，在马来西亚半岛建设18座废物转化能源（WTE）发电厂（亦称“垃圾焚化炉”），以支持国家的可再生能源目标。

根据《马新社》的报道，倪可敏发文告指出，位于森美兰州波德申的废物转化能源设施已于2023年投入运营，而另一座位于马六甲双溪乌浪的同款设施则将按照计划于2029年竣工。

“这项计划可以产生高达600兆瓦的可再生能源

源，并为50万户家庭供电，同时支持大马在2050年实现70%可再生能源装机容量的目标。”

此外，他也说，到了2027年，在固体废物管理所使用的交通工具中，将有20%是电动车。

“这是为了配合公共清洁系统改革和永续城市发展目标而采取的行动。”

“大马目前正担任东盟和联合国人居大会的主席，而这将能反映我国致力于推动可持续发展目标的决心。”

他说，在废物管理上所使用电动车包括压缩车、扫街车、洒水车和小型扫地车，这不仅能减少温室气体排放，还能削减长期运营成本。



（吉隆坡 19 日讯）房屋及地方政府部部长倪可敏宣布，该部预计于 2050 年前，在马来西亚半岛建设 18 座废物转化能源（WTE）发电厂（亦称“垃圾焚化炉”），以支持国家的可再生能源目标。

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“这项计划可以产生高达 600 兆瓦的可再生能源，并为 50 万户家庭供电，同时支持大马在 2050 年实现 70% 可再生能源装机容量的目标。”

此外，他也说，到了 2027 年，在固体废物管理所使用的交通工具中，将有 20% 是电动车。

“这是为了配合公共清洁系统改革和永续城市发展目标而采取的行动。”

“大马目前正担任东盟和联合国人居大会的主席，而这将能反映我国致力于推动可持续发展目标的决心。”

他说，在废物管理上所使用电动车包括压缩车、扫街车、洒水车和小型扫地车，这不仅能减少温室气体排放，还能削减长期运营成本。

Translation:

## **Housing Ministry to Build 18 Incinerators by 2050; Road Sweepers, Water Tankers to Switch to EVs**

**(Kuala Lumpur, 19th Aug)** Minister of Housing and Local Government, Nga Kor Ming, announced that the Ministry plans to construct 18 Waste-to-Energy (WTE) plants (also known as incinerators) in Peninsular Malaysia before 2050, in support of the nation's renewable energy goals.

According to Bernama, Nga Kor Ming stated in a press release that the Waste-to-Energy facility in Port Dickson, Negeri Sembilan, has already commenced operations in 2023, while another facility of the same kind in Sungai Udang, Melaka, is scheduled for completion in 2029.

"This plan can generate up to 600 megawatts of renewable energy, providing electricity to 500,000 households, while supporting Malaysia's target of achieving 70% renewable energy generation capacity by 2050."

In addition, he also said that by 2027, 20% of vehicles used in solid waste management will be electric vehicles (EVs).

"This initiative is part of efforts to support the reform of the public cleanliness system and the goal of sustainable urban development."

"Malaysia is currently serving as the Chair of ASEAN and the UN-Habitat Assembly, and this reflects our strong commitment to advancing the Sustainable Development Goals."

He added that vehicles used in waste management, such as compactors, road sweepers, water tankers, and small sweepers, will adopt EV technology, which not only reduces greenhouse gas emissions but also lowers long-term operating costs.

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## 固体废物管理电动车使用率 倪可敏：盼 2027 年前达 20%



(八打灵再也19日讯) 房屋及地方政府部长倪可敏说，配合全国公共清洁改革议程，房屋及地方政府部订下目标，期望在2027年前，固体废物管理所使用的电动车(EV)比例达20%。

他在“2025年国际绿色建筑会议”上致词时提到，此目标符合全国公共清洁系统改革所强调的永续与绿色城市原则。

### 固体废物电动车使用率 放眼2027年前達20%

他表示，配合我国担任东盟轮值主席国以及联合国人居大会主席，这项举措展现了马来西亚引领落实永续发展目标的决心。

他声称，在固体废物管理中推动电动车的使用，不仅有助减少

温室气体排放，也能长远节省营运成本。

“潜在应用电动技术的设备与车辆包括压缩式垃圾车、街道清扫车、洒水车以及小型清扫车等。”

倪可敏说，该部也计划在2050年前建

设18座“废料发电厂”(WtE)，其中位于波德申的废料发电厂已于2023年投入运作，而马六甲双溪乌浪的工厂则预计于2029年竣工。

他补充，这项倡议未来可望创造高达600兆瓦的再生能源，足以为50万户家庭供电，并支撑大马在2050年前达致70%再生能源装置容量的国家目标。(TKM)

(八打灵再也 19 日讯) 配合全国公共清洁改革议程，房屋及地方政府部订下目标，期望在 2027 年前，固体废物管理所使用的电动车 (EV) 比率达到 20%。

房屋及地方政府部长倪可敏表示，这个目标符合全国公共清洁系统改革所强调的永续与绿色城市原则。

“配合我国担任东盟轮值主席国及联合国人居大会，这项举措展现马来西亚引领落实永续发展目标的决心。”

倪可敏今日在“2025 年国际绿色建筑会议”上致词时指出，在固体废物管理中推动电动车的使用，不仅有助减少温室气体排放，也能长远节省营运成本。

潜在应用电动技术的设备与车辆包括压缩式垃圾车、街道清扫车、洒水车及小型清扫车等。

#### 2050 年前建 18 废料发电厂

他透露，该部也计划在 2050 年前建设 18 座“废料发电厂”(WtE)，其中位于波德申的废料发电厂已于 2023 年投入运作，而马六甲双溪乌浪的工厂则预计于 2029 年竣工。

他指出，这项倡议未来可望创造高达 600 兆瓦的再生能源，足以为 50 万户家庭供电，并支撑大马在 2050 年前达致 70%再生能源装置容量的国家目标。



Translation:

## **EV Usage in Solid Waste Management Nga Kor Ming: Target to Reach 20% by 2027**

**(Petaling Jaya, 19th Aug)** In line with the National Public Cleanliness Reform Agenda, the Ministry of Housing and Local Government has set a target to increase the usage rate of electric vehicles (EV) in solid waste management to 20% by 2027.

Minister of Housing and Local Government, Nga Kor Ming, said that this target is aligned with the sustainable and green city principles emphasised under the national public cleanliness system reform.

"In conjunction with Malaysia's chairmanship of ASEAN and the UN-Habitat Assembly, this initiative reflects Malaysia's determination to lead in achieving the Sustainable Development Goals."

Nga Kor Ming, in his speech at the "International Green Building Conference 2025" today, pointed out that promoting the use of electric vehicles in solid waste management not only helps reduce greenhouse gas emissions, but also saves long-term operating costs.

Equipment and vehicles that could potentially adopt electric technology include compactors, street sweepers, water tankers, and small sweepers.

### **18 Waste-to-Energy Plants to be Built by 2050**

He revealed that the Ministry also plans to construct 18 "Waste-to-Energy" (WtE) plants by 2050. Among them, the plant in Port Dickson has already begun operations in 2023, while the one in Sungai Udang, Melaka, is expected to be completed in 2029.

He noted that this initiative is expected to generate up to 600 megawatts of renewable energy, enough to power 500,000 households, while supporting Malaysia's national goal of achieving 70% renewable energy installed capacity by 2050.

### 3.0 TV News

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<https://youtu.be/WGQGBaNYDPs?si=DZ5hqe8dQFZvNQL7>

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