

ISSUE 16: OCT - DEC 2024



CREAM

e-magazine



COVERAGE

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- Ministry of Works Malaysia Secretary General's Courtesy Visit to CREAM Headquarters
- Construction Industry Congress (CIC) 2024: Building Resilience and Sustainability
- CREAM Inspection Services Receives MS ISO/IEC 17020 Accreditation
- CREAM CEO Ir. M. Ramuseren Honored with 2024 CEO Safety Recognition Award by MOSHPA
- MKRM Extends Scope of Accreditation: A Milestone for Testing Excellence
- Full-Scale Testing in Makmal Kerja Raya Malaysia (MKRM)

and many more.



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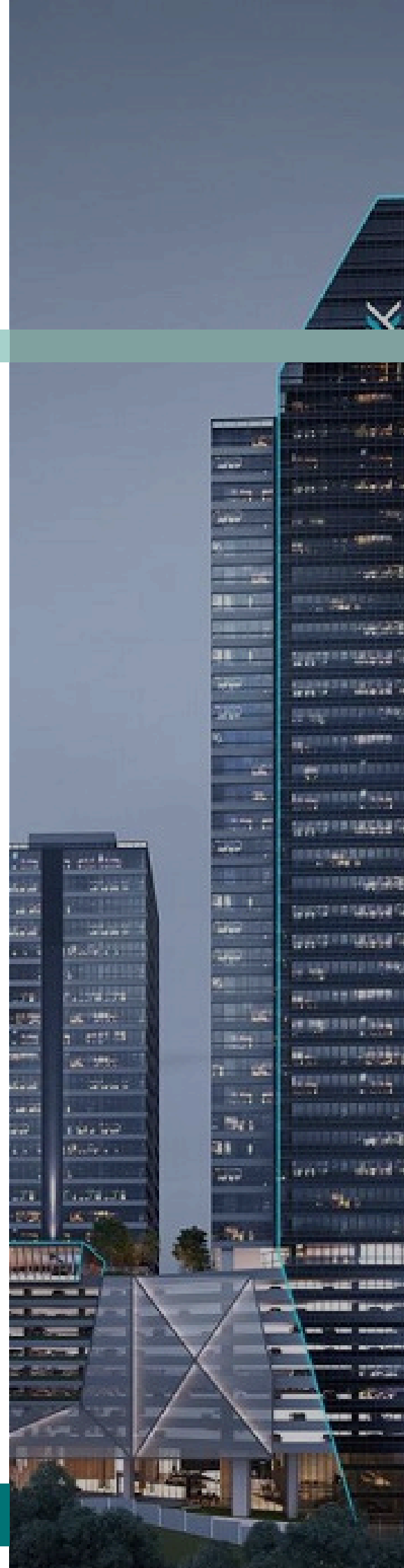
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about us

Construction Research Institute of Malaysia (CREAM) was established on 26 March 2004 as a Company Limited by Guarantee (SBMJ) under the Act Company 1965. CREAM became fully operational on January 1, 2006. Establishment of CREAM is to be the research arm of the Construction Industry Development Board (CIDB) Malaysia to encourage, promote and implement activities research and development (R&D) related to the national construction industry with Section 4(c), CIDB Act 1994 (Act 520). With the ability of knowledge and existing expertise, CREAM actively cooperates with parties interested in producing research that will benefit the sector construction. At the same time, CREAM also supports the development of the industry construction in a better direction through the quality and integrity of building materials when also offers testing, evaluation and certification services to industry players. CREAM will continue to be proactive in being active and reinventing the way we in doing something, to keep giving the best to all parties and always responsive to our customers.

vision

To make CREAM globally recognized as the leading institute for Research and Development (R&D) that drives quality, innovation, technology and skills towards achieving sustainability in the construction industry.

mission

To meet the strategic needs of Research and Development in the Malaysian construction industry. CREAM is also committed to build partnerships with the industry's stakeholders and researchers while exploring and encouraging the development of a knowledge-based industries as well as ready to meet current demands and challenging changes.





what we offer

- Research and Development
- Industry Consultancy and Engagement
- Lab Testing
- Product Certification
- Assessments - QLASSIC, SHASSIC, MyCREST and Sustainable Infrastar
- Certificate of Approval
- Inspection and Sampling
- Contractor's Quality Management System (CQMS)
- Forensic Investigation
- Technical Opinion
- Journal Publication



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Malaysia's FM Industry: The Way Forward

"Evolving Excellence and Best Practices in Malaysian Facilities Management"

Facility management (FM) plays a vital role in ensuring the functionality, safety, and sustainability of the built environment. Defined by ISO 14001 as an organizational function that integrates people, place, and process, FM enhances the quality of life and drives business productivity. Recognizing its importance, the Construction Research Institute of Malaysia (CREAM), under the Research and Development Division (CACTI) and the Construction Industry Development Board (CIDB), is committed to advancing sustainable and efficient facility management practices in Malaysia.

To achieve this, CREAM assisted CIDB in hosting the program "Evolving Excellence and Best Practices in Malaysian Facilities Management," which included three targeted engagement sessions and a seminar titled "Reenergise Facilities Management." These sessions brought together diverse stakeholders, including demand organizations, FM organizations, professional bodies, NGOs, and policymakers, fostering collaboration to optimize asset management and facilities. The program underscored the need to align with global practices to ensure sustainability, efficiency, and competitiveness in Malaysia's evolving FM landscape.

Engagement Session: Standards are a Way of Life, including Facilities Management

This program unfolded over two engagement sessions with targeted stakeholders from three distinct groups:

- Session 1 – Demand Organizations & FM Organizations
- Session 2 – Professional Bodies & Non-Government Organizations (NGOs)
- Session 3 – Policymakers

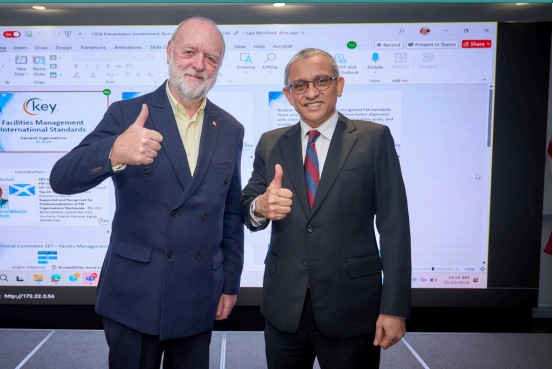
The sessions aimed to achieve three key objectives:

1. To gain insight into the realities and challenges faced in facilities management across various sectors.
2. To pinpoint the gaps that impede the standardization of facilities management practices, ultimately affecting efficiency and sustainability.
3. To suggest solutions that harmonize with international standards to enhance asset management practices

The engagement sessions were conducted in collaboration with the Malaysian Association of Facility Management (MAFM) and Mr. Stan Mitchell, Chairman and CEO of Key Facilities Management (UK). Through collaborative discussions, participants explored various aspects of FM standardization and provided valuable feedback on how to enhance its adoption within the industry. The discussion groups focused on the standardization of FM in Malaysia, gathering insights on perceptions of FM standards, potential challenges, solutions, and the level of enthusiasm and confidence in implementing these standards across both public and private sectors.



Engagement Sessions



Seminar Highlights

The seminar featured a diverse lineup of presentations, forums, and discussions, including:

- **Gain Exclusive Insights:** Participants learned from internationally recognized FM experts, including Stan Mitchell, Chairman & CEO of Key Facilities Management (UK), alongside local professionals who shared valuable knowledge on how the industry is evolving both globally and locally.
- **Network with Industry Leaders:** The event offered unparalleled networking opportunities, enabling participants to connect with government representatives, asset owners, corporate FM practitioners, and experts from various sectors such as healthcare, public infrastructure, and education.
- **Practical Knowledge & Futureproofing:** Participants left with actionable strategies, insights into the latest innovations, and a clear understanding of how to future-proof their FM operations. From healthcare to public infrastructure, the content was tailored to help professionals meet current and future challenges in FM.

The seminar program consisted of three key phases, including:

Masterclass Facilitation by Stan Mitchell: "Contracts Uncovered: Navigating Risks and Seizing Opportunities in Facilities Management"

Mr. Stan Mitchell delivered a masterclass titled "Contracts Uncovered: Navigating Risks and Seizing Opportunities in Facilities Management," providing in-depth insights into contract management, risk mitigation, and business opportunities in the evolving FM sector.

◦ Facilitators:

- Mr. Stan Mitchell, Chairman & CEO, Key Facilities Management, UK
- Mr. Arivagara Pavithran Subramaniam, CEO, Maxwell CFM International Sdn Bhd



Forum 1: The Changing Landscape of Facilities Management in Malaysia

Experts from the public and private sectors explored how FM practices are evolving, focusing on operational efficiency, sustainability, and the integration of digital technologies. This forum highlighted how organizations can adopt best practices to improve FM operations.

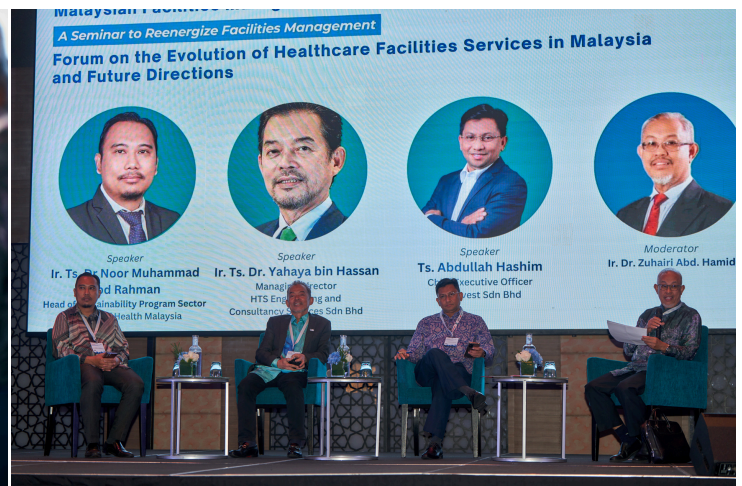
- Panellists:
 - Sr Dr. Syamilah Yacob, Superintending Building Surveyor, Public Works Department Malaysia (JKR)
 - Ir. Amir Soffian Abdul Razak, Head of Facilities Management & Utilities, PNB Merdeka Ventures Sdn. Berhad
- Moderator: Sr Dr. Sarajul Fikri bin Mohamed

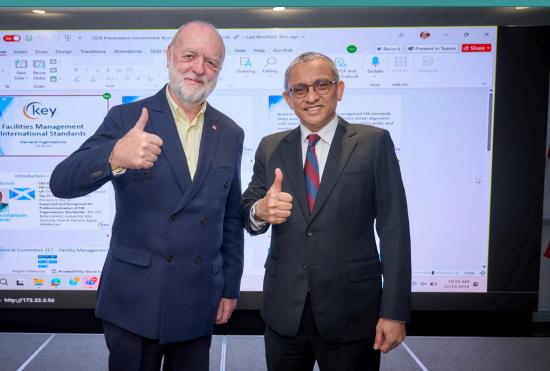


Forum 2: The Evolution of Healthcare Facilities Services in Malaysia

As a rapidly growing sector, healthcare FM faces unique challenges. This forum focused on managing healthcare facilities in Malaysia, covering topics such as compliance, enhancing patient experience through efficient FM, and utilizing advanced technologies in healthcare infrastructure.

- Panellists:
 - Ir. Ts. Dr. Noor Muhammad Abd Rahman, Head of Sustainability Program Sector, Ministry of Health Malaysia
 - Ir. Ts. Dr. Yahaya bin Hassan, Managing Director, HTS Engineering and Consultancy Services Sdn Bhd
 - Ts. Abdullah Hashim, Chief Executive Officer, Medivest Sdn Bhd
- Moderator: Ir. Dr. Zuhairi Abd. Hamid





Ministry of Works Malaysia Secretary General's Courtesy Visit to CREAM Headquarters



On 25 November 2024, we were honored to welcome the Secretary General of Ministry of Works Malaysia, YBhg. Dato' Seri Azman bin Ibrahim, for a courtesy visit to CREAM headquarters, accompanied by the top management of the Construction Industry Development Board (CIDB). This visit further strengthened the collaboration between KKR, CIDB, and CREAM in advancing Malaysia's construction industry through research, innovation, and sustainable practices.

YBhg. Dato' Seri Azman and CIDB leadership engaged in insightful discussions with the CREAM team, focusing on key initiatives and future strategies to enhance industry excellence. The visit also provided an opportunity to showcase CREAM's latest projects and achievements, including our work on sustainability certifications, product excellence, and industry development.

We look forward to continuing our strong partnership with KKR and CIDB in driving innovation and growth within the Malaysian construction sector.



Construction Industry Congress (CIC) 2024: Building Resilience and Sustainability

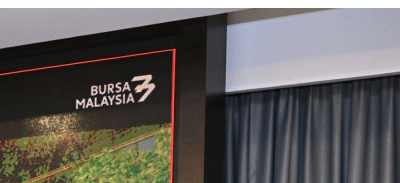
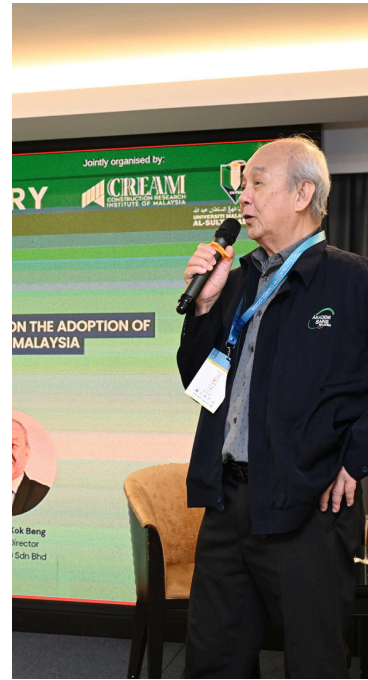


The Construction Industry Congress (CIC) 2024, themed "Building Resilience and Sustainability," took place from December 3 to 5, 2024, in Kuala Lumpur, Malaysia. Jointly organized by the Construction Research Institute of Malaysia (CREAM) and Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA), the congress served as a premier platform for construction industry professionals to discuss and promote sustainable practices within the sector.

Officiated by the Chairman of the Construction Industry Development Board Malaysia (CIDB), Yang Berhormat Ir. Haji Yusuf bin Haji Abdul Wahab, the congress featured a hybrid format, with the first day offering both physical and virtual sessions and the subsequent days conducted entirely online. Keynote addresses, panel discussions, and webinar sessions covered topics such as innovative strategies for climate-resilient urban development, the impact of rising diesel prices on sustainable construction practices, and the integration of Environmental, Social, and Governance (ESG) factors in construction projects. Additionally, technical paper presentations featuring academic research from both industry players and academicians were presented over the three-day event.

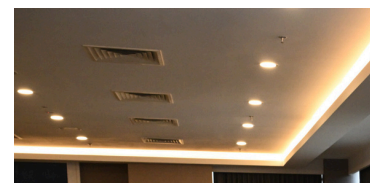
Overall, CIC 2024 successfully highlighted the importance of sustainable development in construction, fostering discussions that are expected to influence future industry practices in Malaysia.



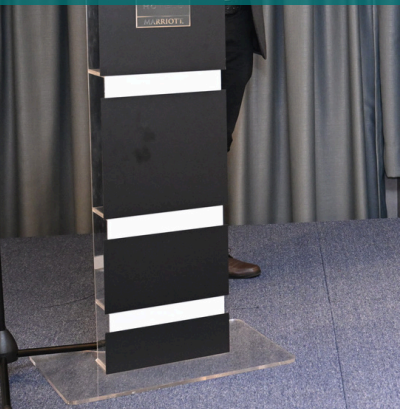


Day 1: 3 December 2024

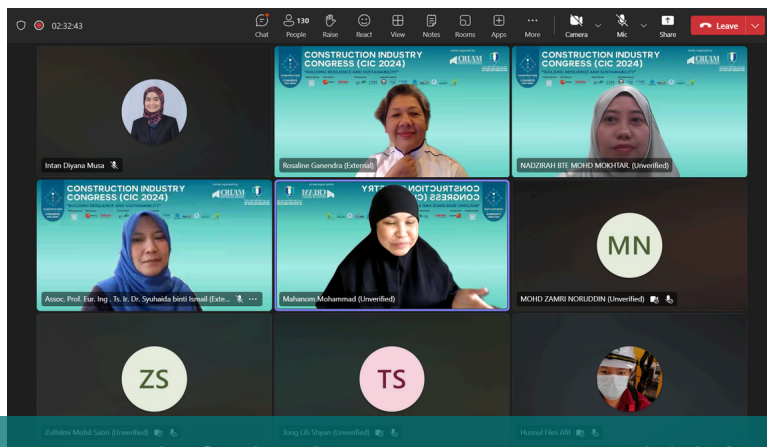
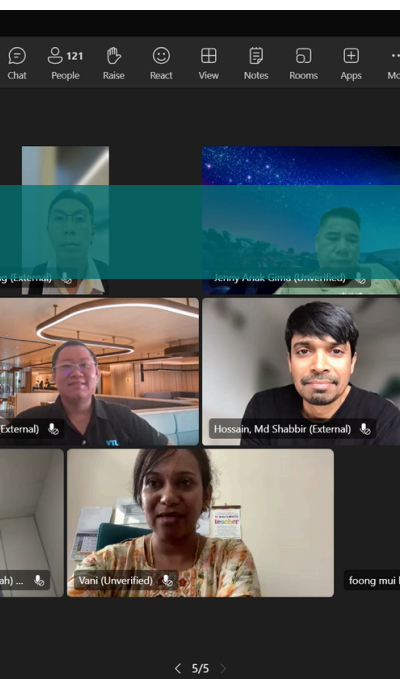
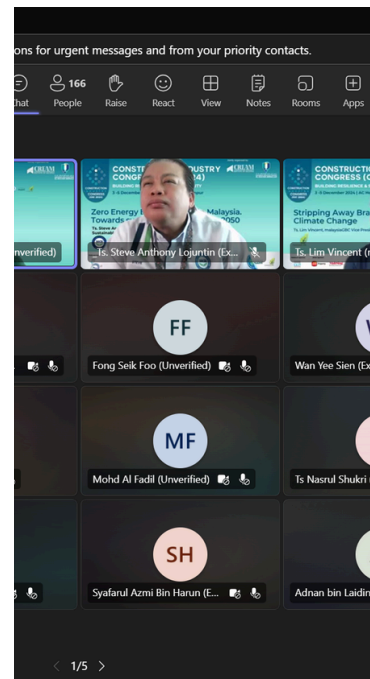
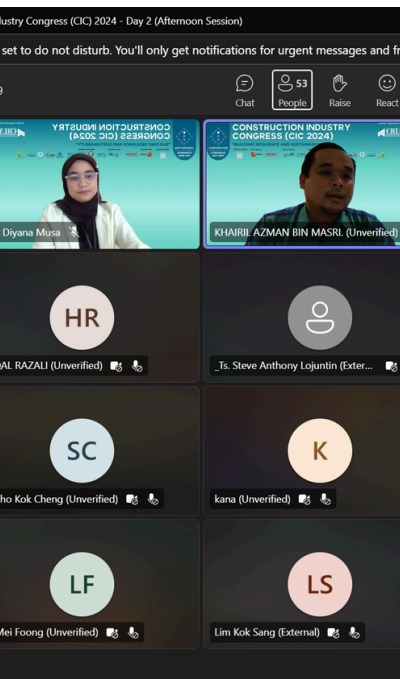




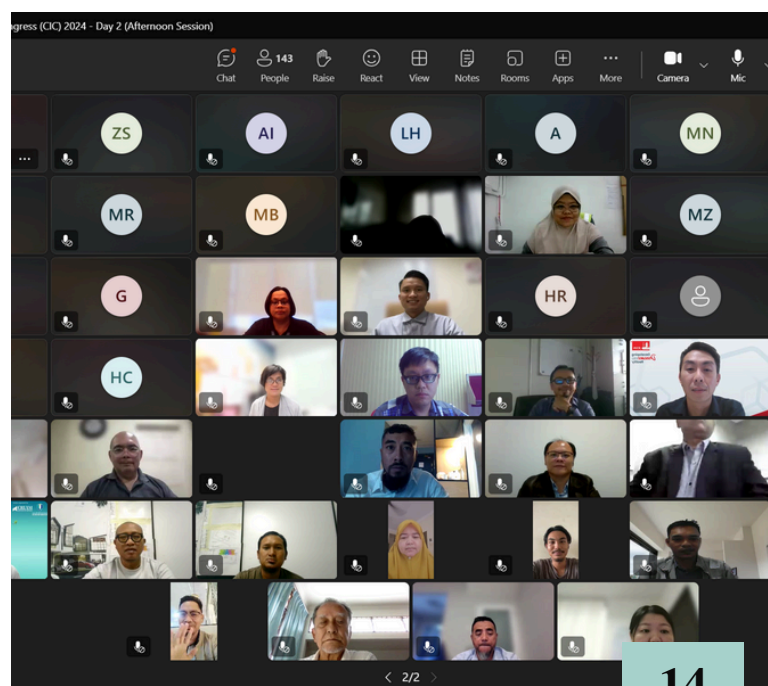
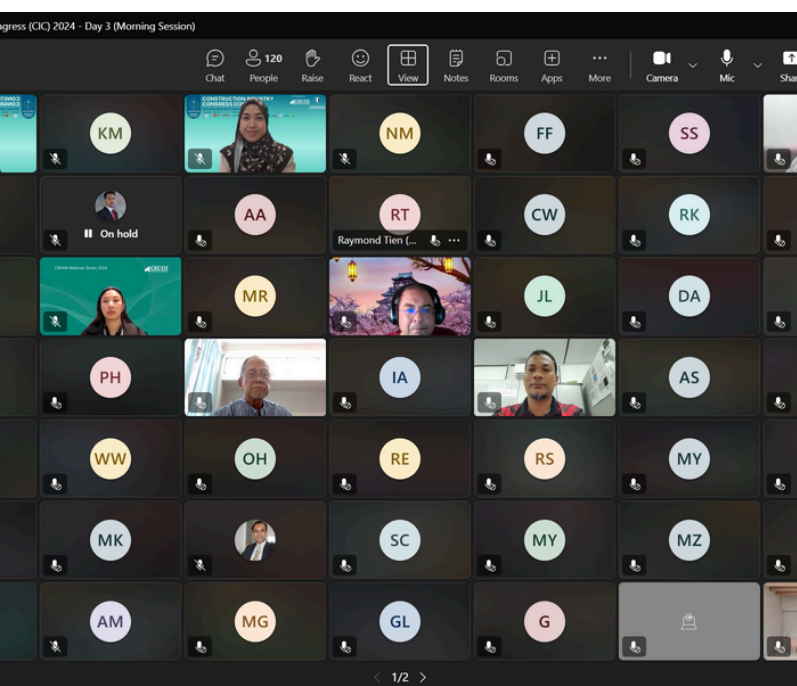
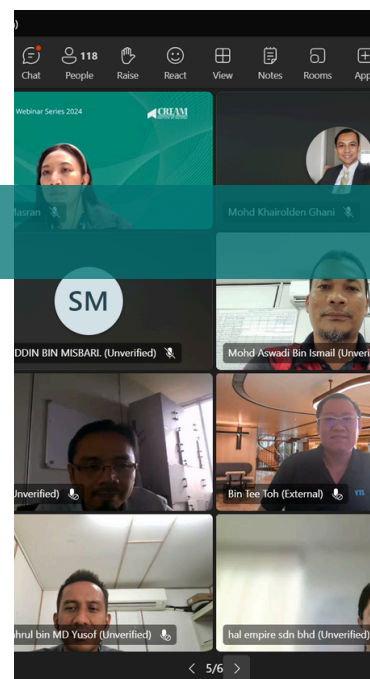
Day 1: 3 December 2024



HIGHLIGHTS



Day 2 & 3: 4 - 5 December 2024



CREAM Inspection Services Receives MS ISO/IEC 17020 Accreditation



CREAM is thrilled to announce that CREAM Inspection Services has officially received the prestigious MS ISO/IEC 17020:2012 accreditation from the Department of Standards Malaysia. This milestone, achieved on 12 December 2024, underscores our commitment to delivering inspection services of the highest standards of competence, quality, and integrity.

With nearly 10 years of experience in inspection and sampling activities conducted at warehouses, factories, and points of entry locally and abroad, CREAM has completed over 300 inspection and sampling exercises to date. These activities ensure that materials comply with CIDB's Act 520 Schedule 4 requirements.

This accreditation enables us to provide product inspection services before products are tested, certified, and approved by regulatory bodies such as the Construction Industry Development Board Malaysia (CIDB) and other local authorities. With this recognition, CREAM offers clients greater confidence in our inspection processes and demonstrates our competency.

Our team's dedication and hard work have made this achievement possible, and we are excited to continue offering world-class inspection services to support the industry's growth. At CREAM Inspection Services (CIS), we are committed to serving the construction industry by providing top-tier inspection services.

CREAM CEO Ir. M. Ramuseren Honored with 2024 CEO Safety Recognition Award by MOSHPA



CREAM Chief Executive Officer, Ir. M. Ramuseren, has been honored with the 2024 CEO Safety Recognition Award by the Malaysian Occupational Safety and Health Practitioners' Association (MOSHPA) at the 20th MOSHPA National OSH Award 2024. The prestigious award was presented during a ceremony at South City Plaza, Serdang on the 18th October 2024, held under the theme "Sustainability in Safety Culture at Work."

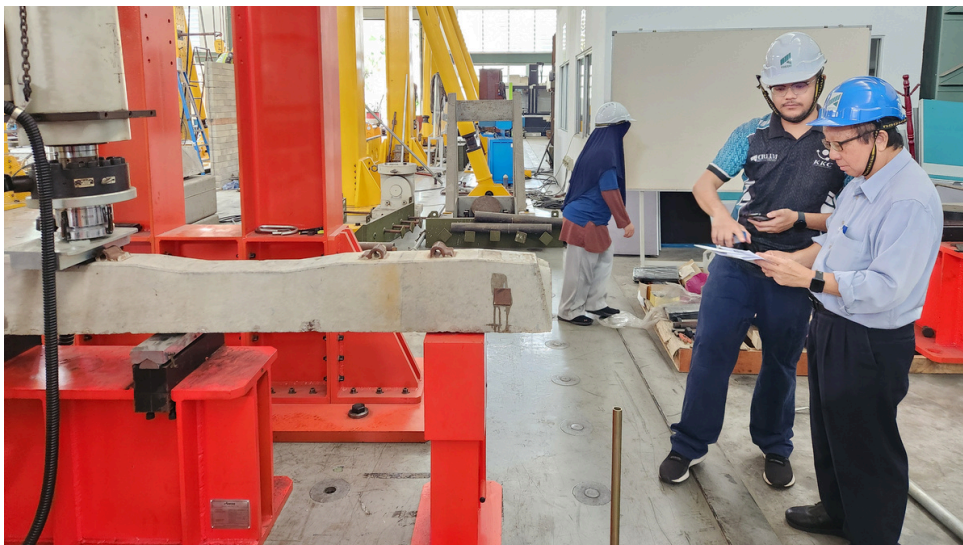
Ir. Ramuseren was recognized for his unwavering commitment to promoting safety and health in the workplace, demonstrating strong leadership in fostering a culture of safety within the organization and industry.

MKRM Extends Scope of Accreditation: A Milestone for Testing Excellence



by Ahmad Hazim Abdul Rahim, Rohani Mokhtar, Mohd Termidzi Hj. Mohd Ghani, Mohmad Fazli Halim and ChM. Siti Aishah Ishak

We are thrilled to announce that MKRM, including its branches in Kuching and Kota Kinabalu, is in the process of extending its scope of accreditation (EOS) under the internationally recognized MS ISO/IEC 17025:2017 standard. The extension process was conducted in several phases: on 14th November at MKRM Sabah, 18th November at MKRM Sarawak, and 10th December at MKRM Kuala Lumpur. Assessors from the Department of Standards Malaysia audited all three MKRM laboratories, reviewing documents and records, witnessing actual tests, and interviewing competent MKRM personnel. A total of twelve (12) new scopes will be added to the existing scope available at MKRM, covering products such as precast concrete sleepers, scaffolding, and reinforcement bars and wire mesh. It is expected that the EOS will be approved by DSM by the first quarter of 2025.



Why EOS Matters

Although MKRM has held accreditation since 2011, the EOS is part of our continuous effort to improve services and meet the ever-growing demands of industries. This process presents its own challenges, as the lab must consider various factors and variables in determining which scope to extend. Extending our scope of accreditation is a critical step that enables us to offer additional, high-quality testing services. This expansion not only enhances our ability to serve industries requiring precise and reliable testing but also supports sectors that demand compliance with strict international standards.

The extension of our accreditation in scaffolding and railway products represents a significant advancement in our laboratory's capacity to meet the evolving needs of the construction and railway sectors. Through continuous investment in state-of-the-art equipment, rigorous personnel training, and process improvements, we have enhanced our testing capabilities to ensure the delivery of the highest standards of service.

This expansion underscores MKRM's role as a leading provider of accredited testing services. Our commitment to maintaining the highest standards in testing and quality assurance continues to drive our success and solidifies our reputation as a trusted industry partner.



Artificial Weathering & Aging Resistance Testing of Aluminium Composite Panels Using MS 2571: 2017 and ASTM G154: 2023 Standards in a Weathering Chamber



by Rohani Mokhtar, Mohd Termidzi Hj. Mohd Ghani, Syaza Nabilla Mohd Suhaimi, Mohmad Fazli Halim, Nurul Najiha Mohd Azman, Husnul Fikri Afif, Ahmad Muaz Juar, and Nasrul Naim Muhammad Amin Al-Husaini

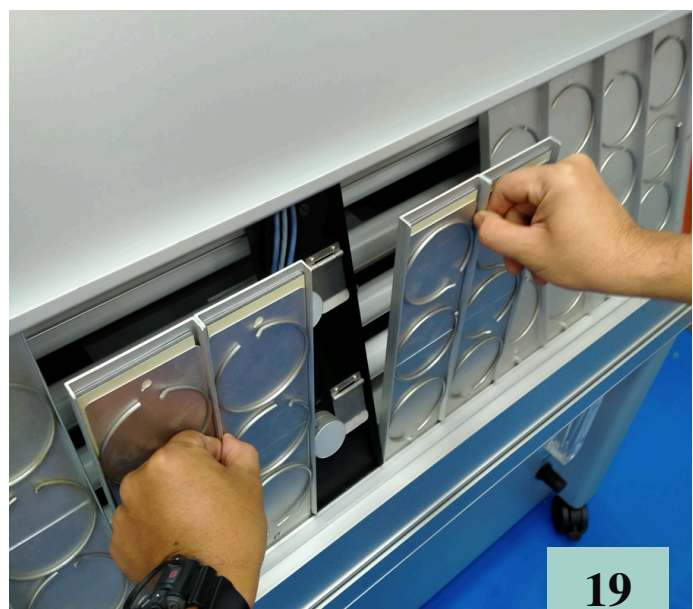
Introduction

Artificial weathering and aging resistance testing are essential for assessing the long-term durability of materials exposed to environmental factors such as UV radiation, temperature fluctuations, and humidity. By simulating these conditions in a controlled environment, manufacturers can predict product performance over time, ensuring reliability and longevity. Two prominent standards in this field are MS 2571 (Malaysian Standard) and ASTM G154 (American Society for Testing and Materials), which outline the procedures and requirements for conducting artificial weathering tests. These standards are widely used across industries such as automotive, coatings, plastics, textiles, and construction. One common application is evaluating the durability of paints and coatings for exterior surfaces in the construction sector.

Both MS 2571 and ASTM G154 focus on simulating accelerated weathering conditions in a weathering chamber, where materials are exposed to controlled levels of UV light, temperature, and humidity. This article explores the significance of these standards, the role of weathering chambers (available in our laboratory in Kuala Lumpur), and the overall impact of artificial weathering testing.

Overview of MS 2571 and ASTM G154 Standards

The MS 2571 standard provides guidelines for evaluating the weathering resistance of coatings such as paints, varnishes, and other related materials. The standard outlines specific test conditions and procedures to simulate the effects of environmental exposure. Key factors specified by MS 2571 include:



1. **Test Conditions:** Environmental conditions in the weathering chamber, such as light intensity (using UV light sources), temperature, and humidity levels, should replicate real-world weather conditions as closely as possible.
2. **Exposure Duration:** The length of time the sample is exposed to the weathering chamber. This can range from a few hundred to thousands of hours, depending on the material and the intended simulation.
3. **Material Preparation:** Proper preparation of test materials, including cleaning and conditioning, before subjecting them to the weathering process.
4. **Measurement Parameters:** Tests conducted before and after exposure assess changes in properties like color, gloss, adhesion, and chalkiness.

The MS 2571 standard plays a crucial role in determining how coatings and other materials respond to prolonged environmental exposure, including changes in appearance (such as color differences and gloss retention) and overall performance. By conforming to MS 2571, manufacturers can assess the durability and longevity of their products in outdoor environments.

Complementing MS 2571, ASTM G154 provides methods for accelerated weathering testing of non-metallic materials, focusing primarily on the application of Xenon arc lamps to simulate sunlight and environmental conditions. This standard assesses material degradation under UV exposure, high temperatures, and humidity, particularly relevant for paints and coatings.

The Role of the Weathering Chamber

The weathering chamber is the key equipment used to perform artificial weathering tests based on both MS 2571 and ASTM G154 standards. This chamber simulates the environmental conditions materials face outdoors, with precise control over UV radiation, temperature, and humidity. The key functions of the weathering chamber include:

1. **UV Light Source:** The chamber uses artificial UV light (typically from fluorescent lamps) to replicate the sun's ultraviolet rays, accelerating material degradation. The intensity and duration of UV exposure are adjustable to match the specifications of each standard.
2. **Temperature Control:** The chamber can simulate daily and seasonal temperature fluctuations, from high heat to freezing cold, which accelerates chemical reactions leading to material degradation.
3. **Humidity Control:** The chamber controls moisture levels to simulate conditions like rain or fog, contributing to corrosion, discoloration, and overall material degradation.
4. **Spray Cycles:** For coatings and paints, the chamber may include spray systems to simulate rain or dew formation, adding moisture to the samples in cycles.
5. **Sample Holder:** Materials are placed in holders designed to ensure uniform exposure to the controlled environmental conditions. The material's response is then monitored throughout the test.



Essential Aspects in Weathering Resistance Assessment

1. **Discoloration:** Many materials, especially coatings, can change color due to pigment breakdown under UV exposure. The MS 2571 standard evaluates the extent of color change using instruments like spectrophotometers or colorimeters.
2. **Adhesion:** This factor assesses how well the material adheres to its substrate after artificial weathering. For paints and coatings, the bond between the coating and the surface should remain strong, even after extended exposure.
3. **Gloss and Finish:** The gloss level of coatings can decrease significantly due to weathering effects. MS 2571 evaluates whether this gloss reduction remains within acceptable limits for the material's intended use.
4. **Chalkiness:** Chalkiness is a sign of surface degradation and loss of protective qualities, resulting in a powdery residue on the material's surface. The chalkiness grade refers to the extent of this chalking, typically assessed visually or with a rubbing test. This grading is crucial for materials like aluminium used in exterior applications, such as architectural facades or window frames, where both appearance and protection from corrosion are key.

Conclusion

Artificial weathering and aging resistance testing, based on the MS 2571 and ASTM G154 standards, are vital tools for evaluating the durability and performance of materials under real-world environmental conditions. By simulating the environmental stresses of sunlight, moisture, and temperature fluctuations, weathering chambers provide valuable insights into material aging. These tests guide improvements in product design and material selection, helping to extend the lifespan of products across various industries.

Both MS 2571 and ASTM G154 offer rigorous testing procedures that ensure materials meet durability standards for a wide range of applications. By adhering to these standards, manufacturers can create products that are not only aesthetically pleasing but also highly durable and resistant to the degrading effects of weather. This ultimately enhances their marketability and customer satisfaction.

Makmal Kerja Raya Malaysia (MKRM) Kuala Lumpur is equipped with a weathering chamber specifically designed to perform this test in compliance with both standards. The test is available for R&D purposes, product certification, and, most importantly, quality assurance.

For more information about MKRM, please email to mkrm@cream.my or scan the QR code.



Full-Scale Testing in Makmal Kerja Raya Malaysia (MKRM)



by Mohd Termidzi Hj. Mohd Ghani, Wan Norhasiah Wan Bidin, Ts. Yuzairy Rozaidi Rohaizan, ChM. Siti Aishah Ishak, Ramlee bin Mohamad Kafli, Muhammad Zulharith Zulkefli & Nasrul Naim Muhammad Amin Al-Husaini

Established in 2008, Makmal Kerja Raya Malaysia (MKRM) was founded to fulfill the testing requirements of R&D work carried out by CREAM and, at the same time, open its services to cater to the demands of the construction industry. It is MKRM's commitment to serve the construction industry by providing testing services that conform to customer and regulatory requirements. CREAM is proud to mention that MKRM is fully equipped with state-of-the-art testing facilities capable of both material and structural testing.

This article highlights the full-scale structural testing capacities and capabilities of MKRM, which make it stand out among other commercial laboratories in Malaysia. There are only a handful of structural labs in Malaysia, and MKRM is among the top-notch on that list. MKRM is built with a 15m x 26m reaction floor (strong floor) with a maximum loading capacity of up to 10,000 kN static. The floor consists of 1,400 anchoring points, spaced 500 mm center-to-center, with a maximum working capacity of 400 kN vertical and 150 kN horizontal for each point. A strong wall with dimensions of 6m x 6m x 1m, with a maximum working capacity of 300 kN and 100 kN in horizontal and shear respectively, complements the reaction floor. Together, they are capable of providing a combined vertical and horizontal load testing system for large panels and other structural elements.



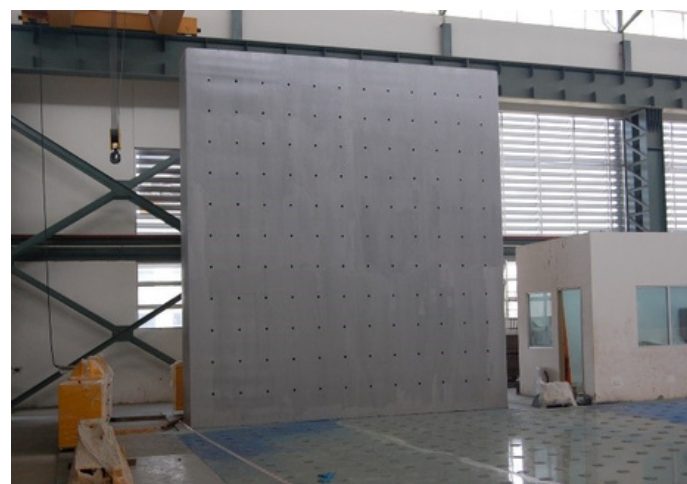
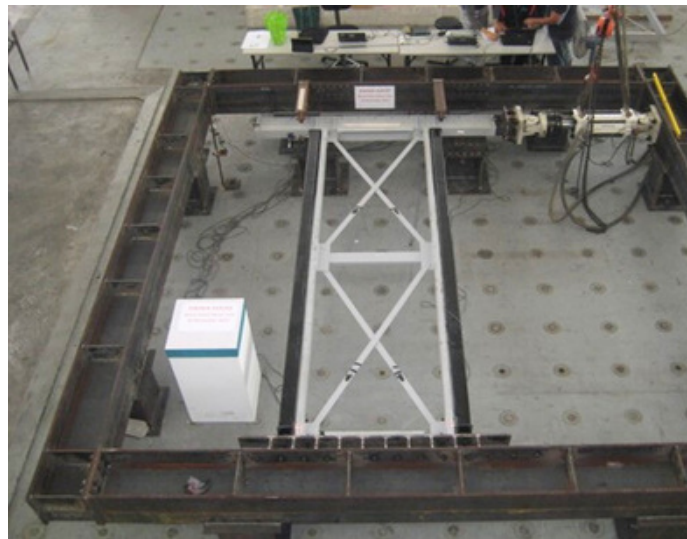
Our structural laboratory is equipped with a comprehensive range of advanced testing equipment, including actuators with capacities ranging from 300 kN to 2,000 kN static, loading jacks from 100 kN to 1,000 kN, motorized testing frames, and other specialized facilities designed for structural testing. Since the introduction of the Korean-made motorized frame in 2022, our testing capabilities for falsework and scaffolding have significantly advanced. This innovation has reduced the lead time for these tests from three days to just one, ensuring faster and more efficient service delivery for our clients.

TESTING

Since 2010, we have developed extensive expertise in conducting a wide range of structural component tests. These include monolithic seismic testing on two-storey buildings, 17-meter pre-tensioned precast concrete U-beams, timber panel racking tests, 3-meter-high load-bearing wall panels, and various other full-scale tests. In 2024, our capabilities expanded further with the successful testing of 9-meter and 12-meter reinforced concrete (RC) posts, 3-meter RC curved panels, and global scaffolding tests. This track record underscores our continuous commitment to delivering precise and reliable testing solutions for diverse structural needs.

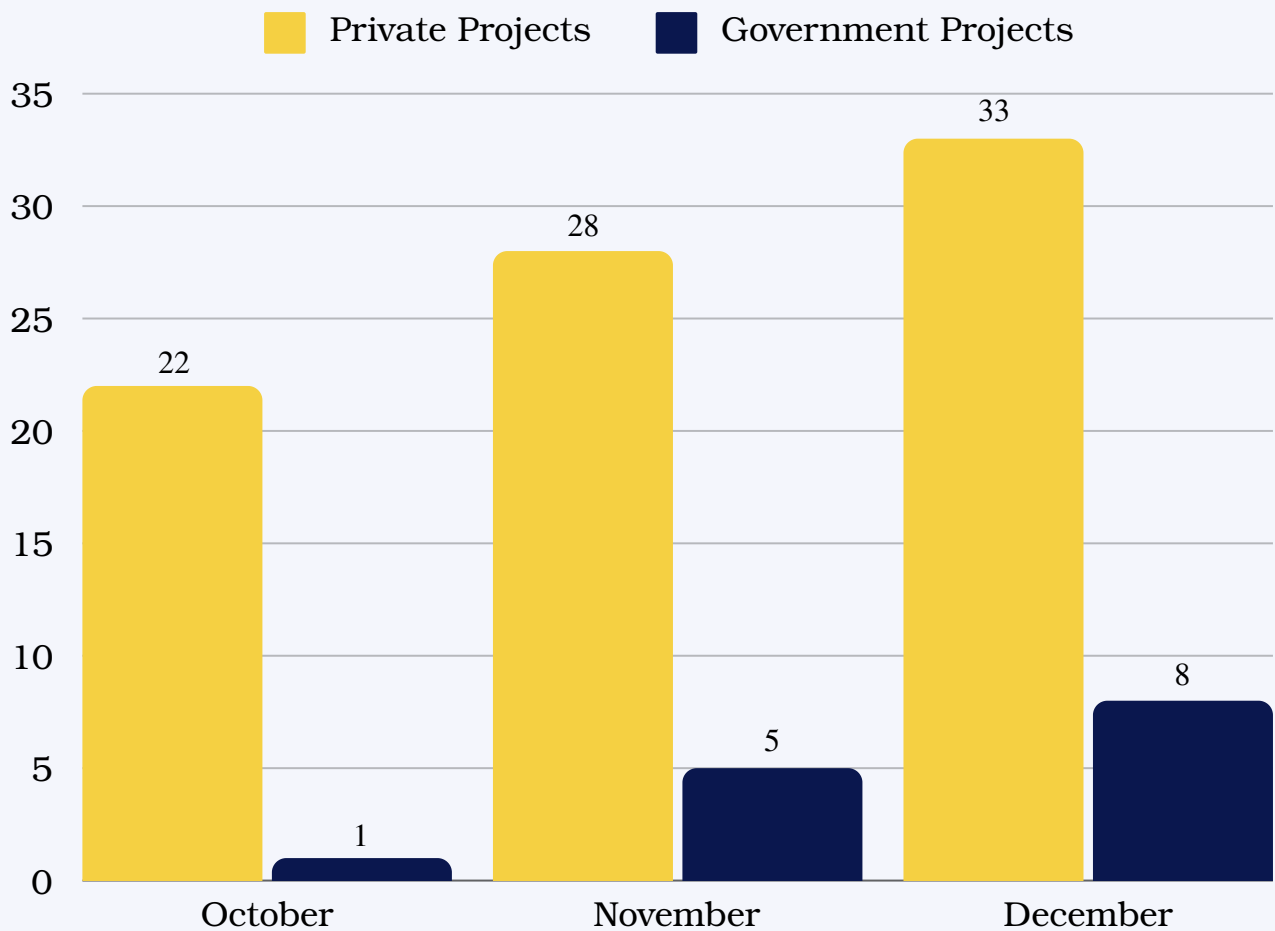
In 2026, two new structural laboratories will open in Borneo, located at MKRM Sabah and MKRM Sarawak. These facilities are currently in the final stage of construction, and once completed, CREAM will be able to expand its structural testing capacities to both states and the surrounding region. This will support local industry players in Sabah and Sarawak.

If you are interested in our testing services or have any inquiries, please do not hesitate to contact us. You can reach us at mkrm@cream.my for more information.





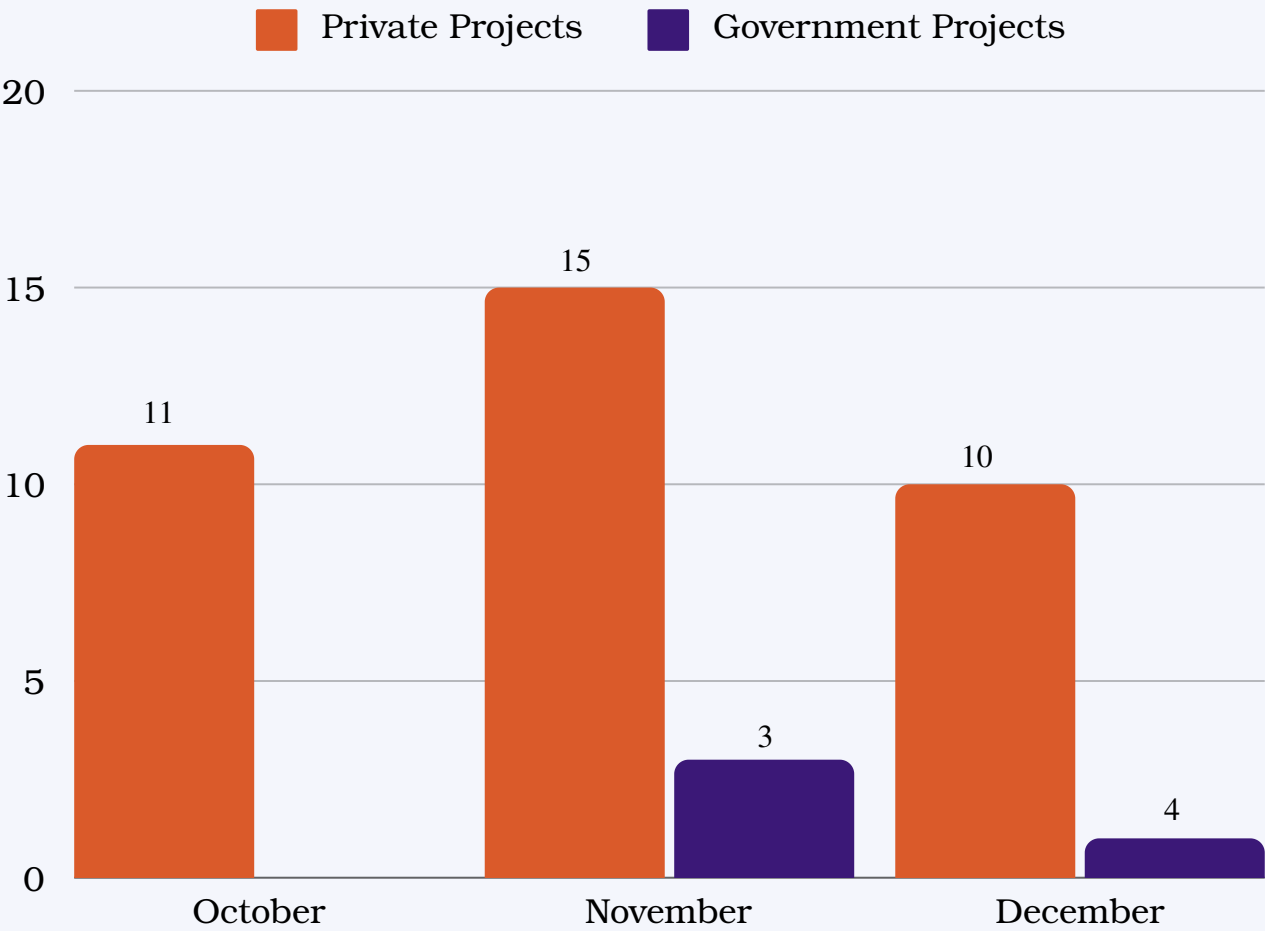
QLASSIC Assessments (October 2024 - December 2024)



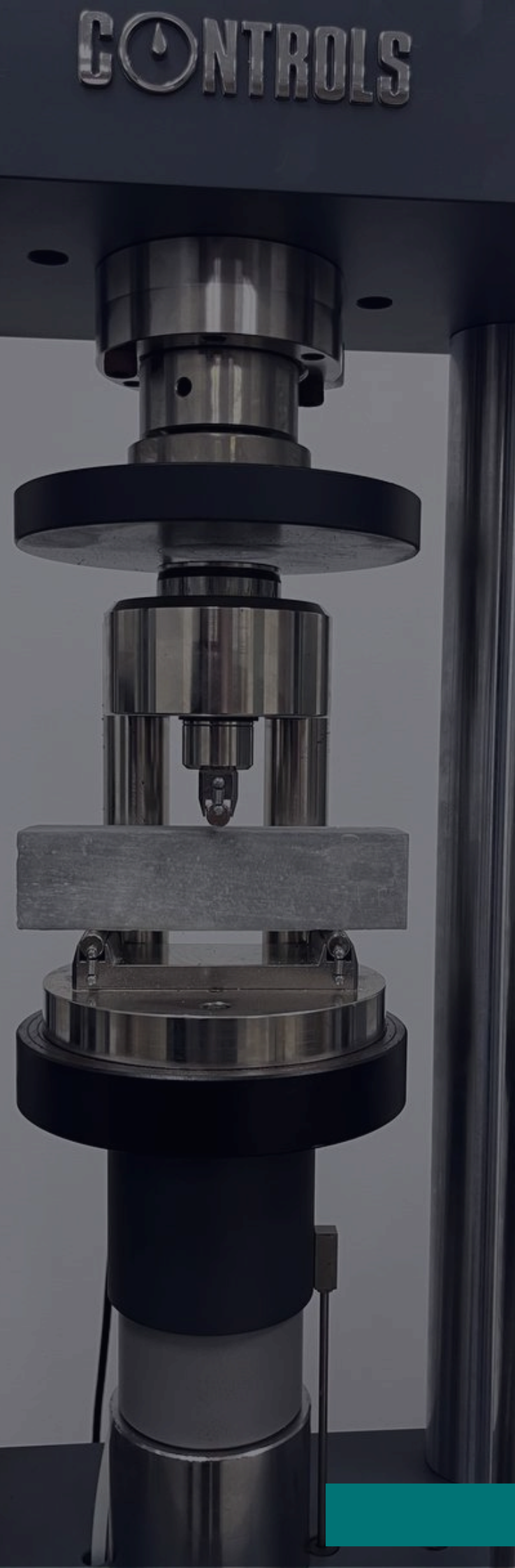
More info on QLASSIC:



SHASSIC Assessments
(October 2024 - December 2024)



More info on SHASSIC:



Activities Highlights

Activities Highlights

CREAM - MKRM Kuala Lumpur Laboratory Visit 2024

Date : 3 Oct 2024

Venue : Makmal Kerja Raya Malaysia, Kuala Lumpur



On 3 October 2024, Makmal Kerja Raya Malaysia (MKRM) hosted an insightful laboratory visit, welcoming representatives from the Malaysian Occupational Safety and Health Practitioners' Association (MOSHPA), the Kuala Lumpur and Selangor Indian Chamber of Commerce and Industry (KLSICCI), and the Association of Consulting Engineers Malaysia (ACEM).

The visit began with an introductory briefing, highlighting the laboratory's key functions, including its capabilities in testing construction materials, conducting innovative research, and supporting the nation's infrastructure projects. The guided tour that followed featured live demonstrations of advanced testing equipment and procedures for materials such as concrete, asphalt, and steel.

Participants engaged in discussions focused on enhancing collaboration between MKRM and industry stakeholders. Key topics included promoting sustainable practices, integrating modern technologies, and advancing safety standards in engineering projects across Malaysia.

If you wish to schedule a visit to CREAM-MKRM, please don't hesitate to contact us at marketing@cream.my. We would be happy to arrange a tour for you.

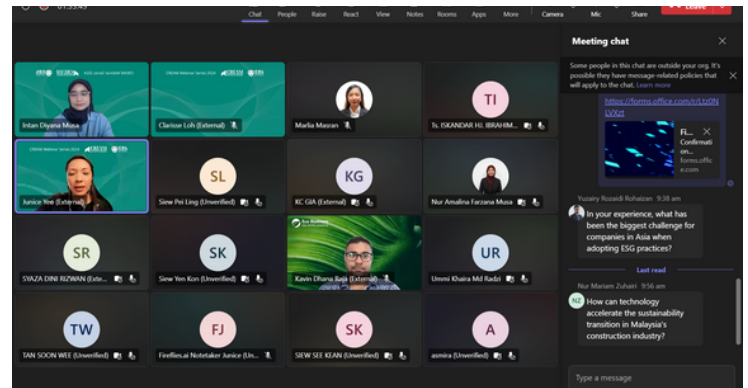
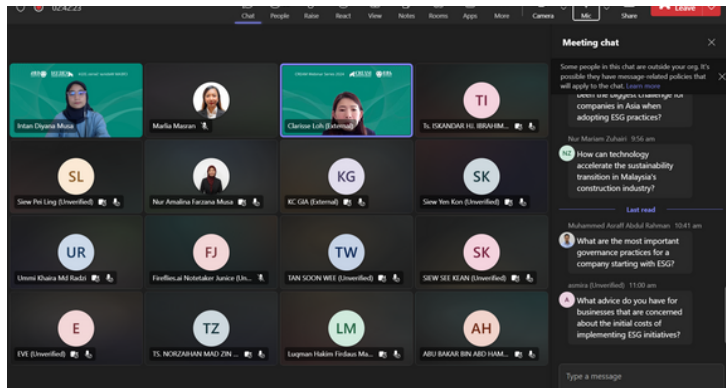


Activities Highlights

CREAM Webinar Series 2024

CREAM Webinar Series 2024 is a monthly program organised by CREAM and it is a part of our efforts to initiate conversations on issues, challenges, opportunities and initiatives for the construction industry and beyond.

The topic for this month's webinar is **"Empowering Construction Industry For A Sustainable Future "**



Empowering Construction Industry For A Sustainable Future .

10 Oct 2024

Speakers:

- Ms. Clarrise Loh
Head of Sustainability, YTL Cements Berhad
- Ms. Junice Yeo
Managing Partner, ECO Business Malaysia Sdn Bhd

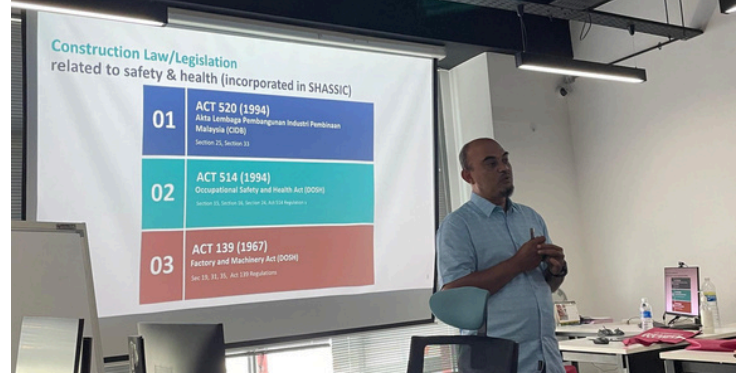
No of participants : 34 pax

Activities Highlights

Kursus Peningkatan Skor Penilaian SHASSIC & QCLASSIC 2024 (Zon Utara)

Date : 15 Oct 2024

Venue : ABM Wilayah Utara Cawangan Pulau Pinang



The Sesi Latihan Peningkatan Skor Penilaian SHASSIC™ (Zon Utara) 2024 was held on 15 October 2024 at the Akademi Binaan Malaysia Northern Region (Penang Branch). The session was attended by 15 participants representing 10 companies, including developers and contractors. The breakdown of participants by location is as follows:

- 1 company from a project in Penang,
- 2 companies from projects in Perak,
- 3 companies from projects in Kedah, and
- 4 companies from projects in Perlis.

Mr. Mohd Yussaydi Bin Md Eusoff, a certified SHASSIC Trainer and Assessor, served as the speaker for this training session.



On the same day, the Sesi Latihan Peningkatan Skor Penilaian QCLASSIC™ (Zon Utara) 2024 was also conducted. This session was attended by 15 participants representing 10 companies, including developers and contractors. The breakdown of participants by location is as follows:

- 3 companies from projects in Kedah, and
- 4 companies from projects in Penang.

Mr. Anuar Bin Mat Daud, a certified QCLASSIC Trainer and Assessor, served as the speaker for this session.]

This programme aims to raise awareness and make a significant impact among construction industry players in Malaysia. It emphasizes the importance of incorporating safety, health, and quality elements on construction sites.

Activities Highlights

Sukan Pantai Persatuan Badan Berkanun Malaysia

Date : 16-20 Oct 2024

Venue : Kuantan, Pahang



The Sukan Pantai Persatuan Badan Berkanun held from 16 to 20 October 2024, brought together a dynamic display of teamwork, energy, and sportsmanship among various statutory bodies. The event, hosted at a scenic coastal venue, witnessed enthusiastic participation from CREAM staff.

In the exhilarating Sepak Takraw tournament, Muhd Hafiz Kurniawan Bin Chalidi Agus and Sulfitri Bin Suwandi from CREAM showcased incredible skills and coordination, earning admiration from spectators and fellow participants alike. Their tenacity and strategic play underscored their dedication to representing CREAM with pride.



Meanwhile, in the volleyball category, Muhammad Abid Zafran Bin Mohd Yusri stood out as a formidable team player, demonstrating agility and precision in every match. His contributions were instrumental in ensuring CREAM's presence was strongly felt in this competitive arena.

The event was not just about competition; it was also a platform for networking, camaraderie, and fostering relationships among statutory bodies. CREAM's participation highlighted their commitment to promoting a healthy lifestyle and teamwork among staff members, aligning with their core values.



Activities Highlights

17th Asia Pacific Roundtable Sustainable Consumption Production (APRSCP)

Date : 22 Oct 2024

Venue : Double Tree by Hilton Hotel Shah Alam, Selangor



Session topic: Industry-Driven EL for Construction Materials

Moderator: Mr. Kai Hofmann (Project Director SCP, GIZ Thailand and Malaysia)

Panelists:

1. Mr Karthikeyan (GreenPRO, India)
2. Mr Wachirachai (Green Choice, Thailand)
3. Ir. Ts. Dr. Hj Mohd Khairolden Ghani (Construction Research Institute of Malaysia (CREAM))
4. Assoc. Prof Sr Dr. Natasha Khalil (UiTM, Malaysia)

The discussion emphasized the need for Malaysia, as the new Chairman of ASEAN in 2025, to lead and advocate for the mutual recognition of green eco-labeling among ASEAN countries.



More than 100 delegates from Bhutan, Vietnam, Cambodia, Laos, Indonesia, the Philippines, Thailand, India, Sri Lanka, Singapore, Malaysia, and Germany attended the event. The role of sustainable materials and practices in the construction sector, which contributes to decarbonization and supports Green Growth Programs (GGP), is invaluable.

By promoting harmonization and collaboration among ASEAN members, it is essential for the region to transition from conventional practices towards green, sustainable consumption and production.

Activities Highlights

BuildXpo 2024 in Conjunction with ICW 2024

Date : 22- 24 Oct 2024

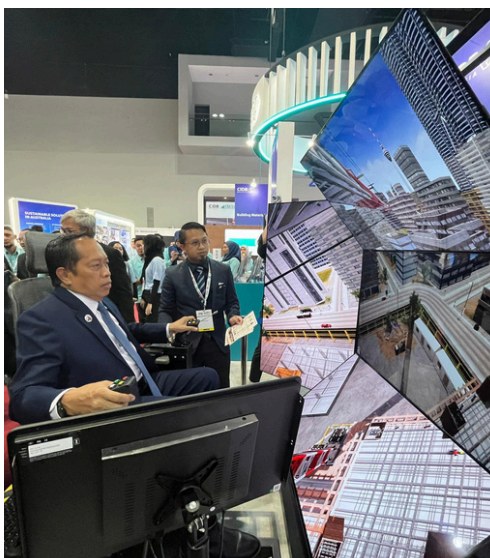
Venue : MITEC, Kuala Lumpur

CREAM was excited to participate in BuildXpo 2024, held in conjunction with International Construction Week (ICW) 2024. This prestigious event took place at the MITEC Kuala Lumpur from 22 – 24 October 2024 and attracted professionals from across the construction and infrastructure sectors.



Exhibiting under the CIDB Pavilion, CREAM proudly showcased our latest innovations, products, and services that support sustainable and future-ready construction practices. The event provided an excellent platform for us to engage with industry leaders, experts, and potential collaborators.

It was a truly eventful exhibition, filled with opportunities to network, share knowledge, and explore emerging trends in the construction industry. We look forward to building on the valuable connections made during this event and driving forward our mission of advancing excellence in the construction sector.



Activities Highlights

9th National Seminar on Material and Structural Integrity

Date : 28-29 Oct 2024

Venue : Hotel Grand Darul Makmur, Kuantan, Pahang

Structural integrity is the backbone of robust infrastructure, defining its ability to withstand designed loads. While regulations, best practices aligned with international standards, and effective maintenance practices offer some solutions, the dynamic industrial landscape in Malaysia presents unforeseen circumstances that may unexpectedly shorten the lifespan of critical components and structures.

The pressing need for meticulous assessments in each scenario is paramount to avert potential failures and ensure longevity.

This two-day seminar, organized by the Malaysia Nuclear Agency and the Malaysia Association of Research Scientists, discusses the latest regulations from relevant government bodies and services available from the private sector. The seminar focuses on four major industries in Malaysia: Oil & Gas, Aerospace, Construction, and Power Generation.



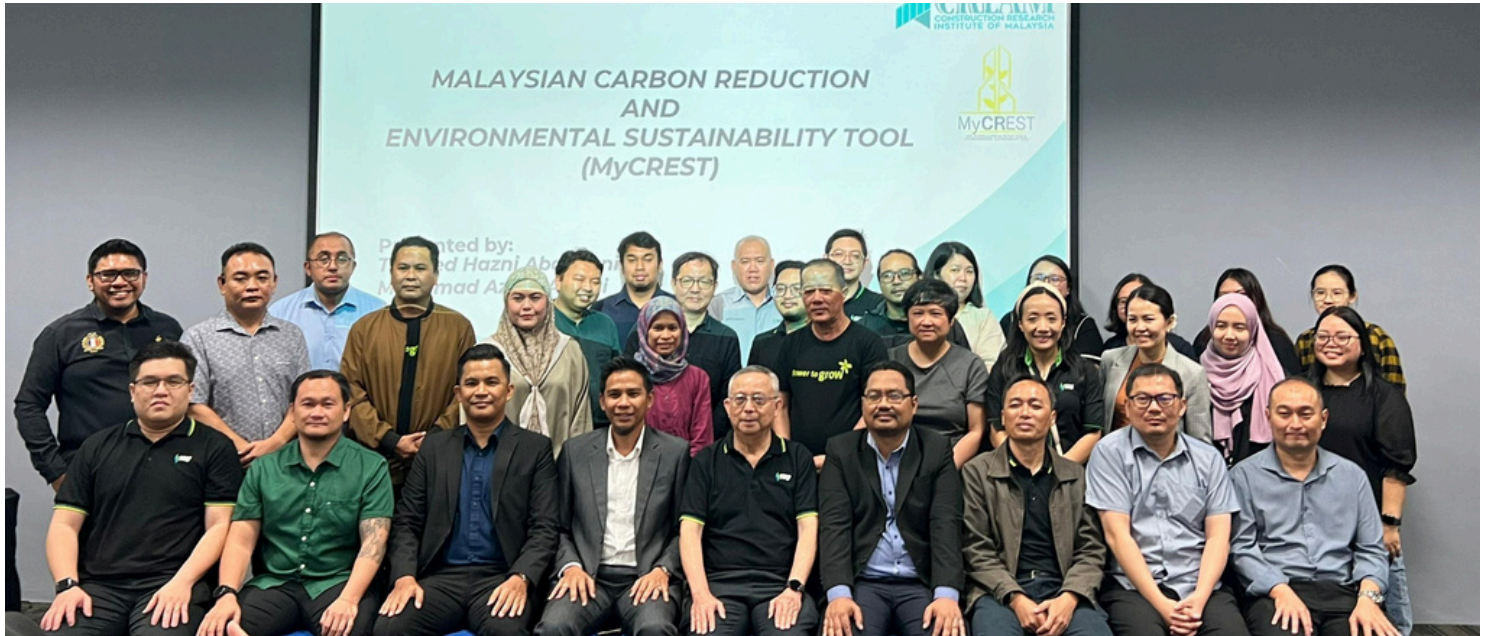
CREAM was represented by Ts. Yuzairy Rozaidi Bin Rohaizan, an engineer from MKRM, who presented on the crucial role of MKRM in ensuring the safety and quality of construction products, especially those listed under CIDB's Schedule 4 of Act 520, through the testing facilities available at MKRM.

Activities Highlights

Seminar Kesedaran Penilaian MyCREST & Sustainable INFRASTAR kepada Sarawak Energy Berhad

Date : 29 Oct 2024

Venue : ABM Kuching, Sarawak



On October 29, 2024, the Seminar Kesedaran Penilaian MyCREST dan Sustainable INFRASTAR was held at ABM Kuching, Sarawak. The seminar was organized specifically for Sarawak Energy Berhad.

CREAM's Senior Manager, Ts. Syed Hazni Abd Gani, and Assessment Officer, Mr. Muhamad Azam Azmai, were invited as speakers.

The program aimed to raise awareness among industry players about best practices in sustainable construction. It also served as a platform for sharing knowledge among construction industry practitioners and fostering collaboration with local industry players in advancing sustainability in construction.



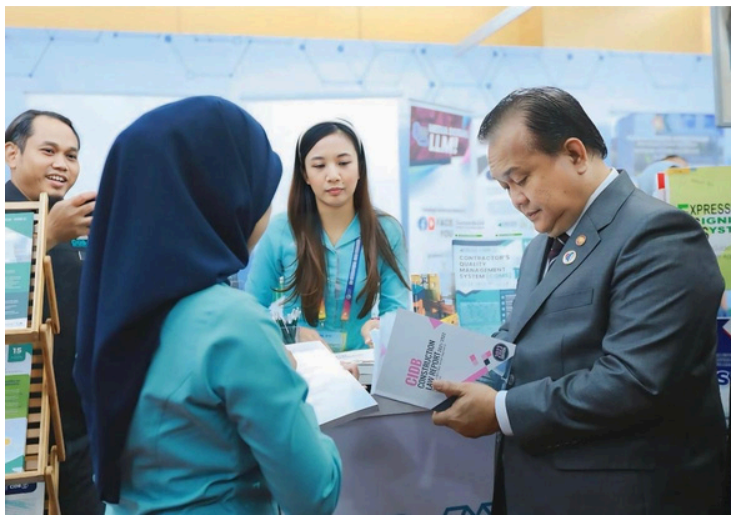
Activities Highlights

Malaysian Road Conference and Exhibition 2024

Date : 5-7 November 2024

Venue : World Trade Centre, Kuala Lumpur

CREAM proudly participated in the 12th Malaysian Road Conference and Exhibition (MRC) 2024, held at the World Trade Centre, Kuala Lumpur, from 5th to 11th November 2024. The event brought together over 2,000 delegates and 200 exhibitors, focusing on the latest advancements in road engineering, technology, and innovation. Our team showcased CREAM's products and services that align with sustainable infrastructure development, contributing to the theme of the conference, "Sustainability, Safety, and Innovation in Road Engineering." Engaging with industry leaders, experts, and policymakers, CREAM reaffirmed its commitment to fostering innovation and excellence within the construction sectors.



We would like to extend our sincere thanks to JKR and CIBD for this incredible opportunity to showcase our work and collaborate with key players in the industry. We look forward to implementing the insights gained and strengthening partnerships for future projects.



Activities Highlights

Malaysian Road Conference and Exhibition 2024

Date : 5-7 November 2024

Venue : World Trade Centre, Kuala Lumpur

Ir. Ts. Dr. Hj Mohd Khairolden Ghani, Senior Manager of the Consultancy and Inspection Division, was invited to serve as the technical session chairman for Parallel 10 at the 12th Malaysian Road Conference (MRC). The conference took place on November 6, 2024, at the World Trade Centre Kuala Lumpur (WTCKL).

The session's theme, "Advanced Construction and Best Practices," highlighted the significance of constructable modeling and innovative methodologies in the road construction industry. The session featured presentations by four distinguished speakers.



Activities Highlights

CREAM - MKRM Kuala Lumpur Laboratory Visit 2024

Date : 12 November 2024

Venue : Makmal Kerja Raya Malaysia, Kuala Lumpur



On 12 November 2024, the Malaysian Construction Research Institute (CREAM) welcomed distinguished delegations from the Real Estate and Housing Developers' Association Malaysia (REHDA) and the Federation of Malaysian Manufacturers (FMM) to the Makmal Kerja Raya Malaysia (MKRM). This visit aimed to foster greater collaboration in advancing construction innovation and sustainability in Malaysia.

Representatives engaged in discussions about enhancing collaboration between MKRM and industry stakeholders. Key topics included promoting sustainable practices, integrating modern technologies, and advancing safety standards in engineering projects across Malaysia.

If you wish to schedule a visit to CREAM-MKRM, please don't hesitate to contact us at marketing@cream.my. We would be more than happy to arrange a tour for you.



Activities Highlights

Kursus Kesedaran Penilaian QCLASSIC kepada Pejabat Pembangunan Persekutuan Negeri Terengganu

Date : 12 November 2024

Venue : CIDB IBS, Kuala Lumpur



Kursus Kesedaran Penilaian QCLASSIC for the Pejabat Pembangunan Persekutuan Negeri Terengganu was held on 12 November 2024 at CIDB IBS. The objective of this course was to raise awareness among industry players about best practices in construction quality, serve as a sharing platform for construction industry practitioners, and foster collaboration with local industry players on quality aspects in the construction sector.

The speakers for the course were Ts. Syed Hazni Abd Gani, Senior Manager of CREAM, and Mr. Muhamad Azam Azmai, CREAM Assessment Officer.

Activities Highlights

Kursus Kesedaran Penilaian QCLASSIC, SHASSIC & MyCREST Kepada Dewan Bandaraya Kuala Lumpur (DBKL)

Date : 13, 21 & 22 November 2024

Venue : Institute Latihan, Dewan Bandaraya Kuala Lumpur (DBKL)



The Kursus Kesedaran Penilaian QCLASSIC, SHASSIC & MyCREST was organized specifically for Kuala Lumpur City Hall (DBKL). This three-day program was held at the Institut Latihan Dewan Bandaraya Kuala Lumpur (DBKL).

On November 13, 2024, the Program Kesedaran Penilaian QCLASSIC took place, with 15 participants from various DBKL departments in attendance. Ts. Syed Hazni and Mr. Muhamad Azam Azmai from CREAM served as the session's speakers.



The second session, Program Kesedaran Penilaian SHASSIC, was held on November 21, 2024. Mr. She Kok Keong, a SHASSIC trainer and assessor, led the program, which was attended by 18 participants from various DBKL departments.

The third and final session, Program Kesedaran Penilaian MyCREST, took place on November 22, 2024. Ar. Ts. Hazwan Hamidi, a MyCREST trainer and assessor, served as the speaker for this session, attended by 12 participants from various DBKL departments.

These awareness courses on QCLASSIC, SHASSIC, and MyCREST aim to enhance awareness among stakeholders and make a significant impact on Malaysia's construction industry. By emphasizing safety and health, construction quality, and sustainability on construction sites, these programs seek to promote best practices and foster long-term improvements.

Activities Highlights

Seminar Awareness Contractor's Quality Management System (CQMS)

Date : 14 November 2024

Venue : CIDB Negeri Selangor



The Seminar Awareness CQMS, held on 14 November 2024, organized by CREAM and CIDB Selangor, featured Ts. Syed Hazni and Mr. Farid as the keynote speakers. This full-day event, attended by 50 participants, provided in-depth insights into the Construction Quality Management System (CQMS), focusing on enhancing quality assurance practices within the construction industry.

The program featured comprehensive sessions addressing quality assurance in construction practices, engaging attendees in knowledge-sharing and practical applications.



Activities Highlights

Kursus Peningkatan Skor Penilaian SHASSIC & QCLASSIC 2024 (Zon Selatan)

Date : 19 November 2024

Venue : CIDB Negeri Melaka

Sesi Latihan Peningkatan Skor Penilaian SHASSIC™ (Zon Selatan) 2024 was held on 19 November 2024, at the CIDB Negeri Melaka. The session was attended by 9 participants representing 5 companies, including developers and contractors. The breakdown of participants by location is as follows:

- 1 company from a project in Melaka,
- 2 companies from projects in Negeri Sembilan, and
- 2 companies from projects in Melaka



Mr. Mohd Afiq Farhan Bin Mohd Hassan, a certified SHASSIC Trainer and Assessor served as the speaker for this training session.

On the same day, Sesi Latihan Peningkatan Skor Penilaian QCLASSIC™ (Zon Selatan) 2024 was also conducted.

The session was attended by 10 participants representing 7 companies, including developers and contractors. The breakdown of participants by location is as follows:

- 1 companies from projects in Johor, and
- 6 companies from projects in Melaka

Mr. Azam Syah Bin A. Kadir, a certified QCLASSIC Trainer and Assessor, served as the speaker for this session.



This program aims to raise awareness and create a significant impact among construction industry players in Malaysia by emphasizing the importance of incorporating safety, health, and quality elements on construction sites.

Activities Highlights

Bengkel Validasi Kajian Hubungan Antara Permintaan Dan Pengeluaran Dalam Industri IBS di Malaysia

Date : 19 November 2024

Venue : Cyberview Resort & Spa, Cyberjaya

Validation workshop was conducted on a Study on the Relationship between Demand and Supply in the IBS Industry in Malaysia: Analysis Based on Mapping of IBS Manufacturers and IBS Project Locations.

The Construction Industry Development Board (CIDB) together with the Construction Research Institute of Malaysia (CREAM) take a role in this study to examine the relationship between demand and production based on project distribution factors, IBS supplier distribution and topographic factors across Malaysia.

The study was conducted based on the feedback from the National IBS Secretariat Committee meeting No. 1/2024, the ICU JPM recommends that the supply and demand of IBS components must be ensured to always be sufficient and consistent to ensure that compliance with the implementation of IBS is not affected.



Therefore, a mapping study of the locations of IBS suppliers and the locations of project sites implementing IBS and project sites applying for IBS exemptions was conducted to see the position of the construction project locations compared to the position of the IBS manufacturer locations. It is expected that the results of this mapping can be used by the government to plan strategies to assist the industry and make decisions for future project construction planning.



Activities Highlights

REHDA Annual Dinner

Date : 22 November 2024

Venue : Sime Darby Convention Centre, Kuala Lumpur

On 22 November 2024, REHDA Annual Dinner was held at Sime Darby Convention Centre, Kuala Lumpur. CREAM was represented by Ir. Ts. Dr. Hj. Mohd Khairolden Ghani and Ts. Syed Hazni Abd Gani. The event is highlighted the Sustainable Design Awards (SDA) presented by The Hon. Dato' Sri Hj Fadillah Hj Yusof, Deputy Prime Minister. Ir. Dr Khairolden is one of the judging panels for the awards. A pilot project for joint certification for GreenRE and MyCREST was presented to Puan Zainora Zainal, Deputy Chief Executive II of CIDB.



Activities Highlights

Meeting Between Malaysia and South Korea

Date : 22 November 2024

Venue : Kementerian Kerja Raya

On November 22, 2024, Ir. Ts. Dr. Hj Mohd Khairolden Ghani attended a bilateral meeting between Malaysia and South Korea. The Malaysian delegation, led by YB Dato Sri Alexander Nanta Linggi, Minister of Works, and its agencies, engaged with the South Korean delegation, led by His Excellency Dr. Park Sang-Woo, Minister of Land, Infrastructure, and Transport. The meeting focused on strengthening cooperation in various areas related to infrastructure development and innovation.

The collaboration aims to explore advancements in smart construction technology, enhance highway toll systems, promote sustainability, and drive digitalization initiatives. The resulting Memorandum of Understanding (MoU) is expected to foster knowledge exchange, technological innovation, and mutual benefits in key infrastructure sectors, supporting the growth of sustainable and efficient systems in both countries.



Activities Highlights

Dinner Ceremony in Conjunction with the 45th Annual General Meeting of PKMM

Date : 27 November 2024

Venue : Dewan Tun Dr. Ismail, World Trade Centre Kuala Lumpur



On 27 November 2024, CREAM participated in the Dinner Ceremony held in conjunction with the 45th Annual General Meeting of the Persatuan Kontraktor Melayu Malaysia (PKMM) at Dewan Tun Dr Ismail, World Trade Centre Kuala Lumpur. The prestigious event, graced by the Ministry of Works, underscored the unity and collaboration within the construction and engineering sectors.

As part of its participation, CREAM set up an information table to promote the Construction Quality Management System (CQMS) alongside other services, further emphasizing its commitment to advancing the industry's standards and practices. The event provided an excellent platform for networking and fostering stronger ties among key stakeholders in the construction field.

Activities Highlights

Bengkel Kajian Pembangunan Pendekatan Strategik bagi Memperkasakan Pelaksanaan IBS Di Sarawak

Date : 28-29 November 2024

Venue : Hotel Grand Continental Kuching, Sarawak



The use of Industrialised Building System (IBS) has been mandatory for government construction projects with a minimum IBS score of 70 for projects worth RM10 million and above since 2008. An update has been made through the latest Malaysia Treasury Circular PK 1.10 which is effective from 15 January 2020 for this matter.

The Sarawak Government strongly supports the Federal Government's efforts in implementing construction using the IBS method in Sarawak. However, based on a meeting with the Sarawak Public Works Department (JKR Sarawak) through the Jawatankuasa Pemantau Penguatkuasaan IBS (JPPIBS) Meeting No. 2.2023 of ICU JPM, the mechanisms and challenges on implementation of IBS in Sarawak have been highlighted reflected on compliance with PK1.10.

Following the meeting, CIDB and CREAM conducted an engagement with the Ministry of Works Malaysia (KKR), the Sarawak Public Works Department (JKR), the Sarawak Ministry of Public Health, Housing and Local Government (MPHLG), the Sarawak Ministry of Education, Innovation and Talent Development (MEITD), PR1MA Malaysia Corporation (Sarawak), CIDB IBS, and the Sarawak Building Academy (ABM) on 20 to 22 December 2023 to discuss the implementation of IBS in the state of Sarawak. Based on the results of the engagement, it is proposed that further studies should be conducted to more thoroughly study the issues and challenges of implementing IBS in Sarawak and then develop a strategic approach to strengthen the implementation of IBS in Sarawak.

Starting early January 2024, a study entitled Kajian Pembangunan Pendekatan Strategik bagi Memperkasakan Pelaksanaan IBS Di Sarawak began. Series of engagement was conducted with IBS Suppliers, Manufacturers and Contractors to obtain input on developing a strategic approach to strengthen the implementation of IBS in Sarawak.

An engagement workshop was conducted on 28 November 2024 with the Sarawak State Ministry, Ministry Representatives, Agencies, Local Authority and Developers (Sarawak Housing and Real Estate Developers' Association - SHEDA) which is set to finalise input on developing strategic approach for implementation of IBS in Sarawak.

Activities Highlights

Bengkel Kajian Pembangunan Pendekatan Strategik bagi Memperkasakan Pelaksanaan IBS Di Sarawak

Date : 28-29 November 2024

Venue : Hotel Grand Continental Kuching, Sarawak

Additionally, validation workshop was conducted on 29 November 2024 to validate the outcome of this study and finalise the way forward based on proposed strategic approach for implementation of IBS in Sarawak. YB Haji Yusof Haji Abdul Wahab, Chairman of CIDB officiated this event together with YBhg. Dato' Ir. Hj Alhadi Ibrahim, Chairman of CREAM, showing an unwavering commitment to the success of the implementation of IBS projects in Sarawak.

The workshop detail as below:

Bengkel Libat Urus bersama wakil Kementerian Negeri Sarawak, Agensi Pelaksana, Pihak Berkuasa Tempatan dan Pemaju (SHEDA) on 28 November 2024



Bengkel Validasi Hasil Kajian Pembangunan Pendekatan Strategik bagi Memperkasakan Pelaksanaan IBS Di Sarawak on 29 November 2024.



Activities Highlights

The Tripartite Seminar and A Visit to Po Shan Drainage Tunnel

Date : 28 & 29 November 2024

Venue : Hong Kong



The Tripartite Seminar on "Building Resilient Cities", organized by the Hong Kong Institution of Engineers (HKIE), The Institution of Engineers Malaysia (IEM) – Chinese Institution of Engineers (CIE) on 28th November 2024 in Hong Kong brought together industry experts, researchers, and policymakers to discuss strategies for enhancing urban resilience. The seminar highlighted the pressing challenges faced by modern cities in coping with natural disasters, climate change, and rapid urbanization. Ir. Ts. Dr Hj. Mohd Khairolden have been invited to be a panellist and talk on the recent guidelines landslide vulnerability assessment for critical infrastructure in Malaysia.

The seminar emphasized the urgency of adopting innovative solutions and collaborative frameworks to build cities that are not only sustainable but also resilient to future uncertainties. My participation provided an invaluable opportunity to showcase Malaysia's advancements in landslide risk management while gaining insights from international counterparts. This platform served as a testament to the power of knowledge-sharing in fostering resilience and underscored the critical role of engineers in shaping the future of urban environments.

On 29 November 2024, Ir. Ts. Dr. Hj. Mohd Khairolden Ghani visited Po Shan Drainage Tunnel in Hong Kong the sideline visit after Tripartite seminar held on 28th November 2024.

Established in 2009, is one of the most iconic landship prevention and mitigation works in Hong Kong. It was specially designed and constructed to reduce the risk of landslides at the Po Shan hillside by effectively regulating the groundwater level.

It is robust, sustainable and cost-effective project which aim to prevent the recurrence of landslide tragedy killing 138 people in June 18, 1972. They have learned from 1972 tragedy and could be an exemplary project for us.



Activities Highlights

Empowering Technical Education CREAM MKRM Sabah at TVET Open Day

Date : 12 December 2024

On 12th December 2024, CREAM MKRM Sabah participated in the TVET Open Day, organized by ABM Sabah. This event brought together industry players, government representatives, and the public in an interactive display of technical and vocational education programs. It also provided the public with an opportunity to learn about the various training courses offered by ABM Sabah. The event was inaugurated by Datuk Dr. Rolland Chia Ming Shen, Political Secretary to the Chief Minister of Sabah and a member of the Board of Directors of CIDB Malaysia, together with the CIDB Sabah Director, Mr. Nazri Zakaria, and the CEO of ABM Sabah, Mr. Tadzul Bin Radim.

The event, the first of its kind and scale, proved to be an ideal platform for the public and industry players to appreciate the importance of technical and vocational training. It provided a conducive environment to strengthen relationships between industry players, training institutions, and organizations promoting technical excellence. During the event, CREAM MKRM Sabah hosted an informative exhibition booth showcasing the construction material testing services offered by MKRM Sabah. Puan Nor Azila, the representative for CREAM MKRM Sabah, also presented a wide range of other technical services offered by CREAM to industry players in Sabah.

Distinguished guests and participants toured the booths, exchanging ideas and fostering a spirit of collaboration among the delegates. CREAM MKRM Sabah would like to express its gratitude to the event organizer, ABM Sabah, for the opportunity to participate in this prestigious occasion, as it offers a platform for building stronger ties and collaboration between organizations and key stakeholders in the industry.



Activities Highlights

Malaysia-China Summit 2024

Date : 17- 19 December 2024

Venue :MITEC, Kuala Lumpur

The Malaysia-China Summit 2024, themed "Prosperity Beyond 50," commemorated five decades of diplomatic relations between Malaysia and China. Held from December 17 to 19, 2024, at the Malaysia International Trade and Exhibition Centre (MITEC) in Kuala Lumpur, the summit underscored a mutual commitment to sustainable growth and regional cooperation. These expos highlighted a diverse array of sectors, promoting direct market entry and economic synergy between Malaysia and China.

CREAM and CIDB proudly participated as exhibitors at the Malaysia-China Summit 2024, showcasing their commitment to innovation and excellence in the construction and infrastructure sectors. Their presence underscored Malaysia's robust capabilities and potential for collaboration with international partners, particularly in advancing sustainable and high-impact projects.





upcoming events

CREAM WEBINAR SERIES 2025

Sustainable Construction with SustainBuild Mark

16 January 2025 | Thursday | 9am – 12pm

What you will learn from this webinar:

1. An introduction to training on ESG policy drafting and setting GHG reduction targets
2. An introduction to SustainBuild Mark (SB Mark) Certification Program

Speakers:



Ir. Ts. Dr. Hj. Mohd Khairolden Ghani

Senior Manager,
Construction Research Institute of Malaysia (CREAM)



Ms. Clarisse Loh

Director of Sustainability,
YTL Cement Berhad

in collaboration with



10 CCD POINTS
PER SESSION



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FEES:

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Construction Research Institute of Malaysia

10 CCD POINTS

Co-Organisers:



Seminar on Enforcement of Certificate of Standards Compliance (PPS) for Construction Materials Under the CIDB Act 520

Date : 20 January 2025 (Monday)

Venue : Makmal Kerja Raya Malaysia, Lot 4, Industrial Zone 15,
Kota Kinabalu Industrial Park, 88460 Kota Kinabalu, Sabah



Makmal Kerja Raya Malaysia Sabah (MKRM)

Tentative Program

Time	Program
8:00 am – 9:00 am	Registration
9:00 am – 9:15 am	Opening Remarks & Prayer Recitation
9:15 am – 10:15 am	Talk on Enforcement of Certificate of Standards Compliance (PPS) for Construction Materials Under the CIDB Act 520 En Nazri bin Zakaria, Director of CIDB Negeri Sabah
10:15 am – 10:45 am	Coffee break
10:45 am – 12:00 pm	Continuation of the program
12:00 pm – 1:00 pm	Lunch

FEE:
RM150*/PAX

*including F&B

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For any inquiries, contact:

Pn. Azila (016 806 9455) /

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