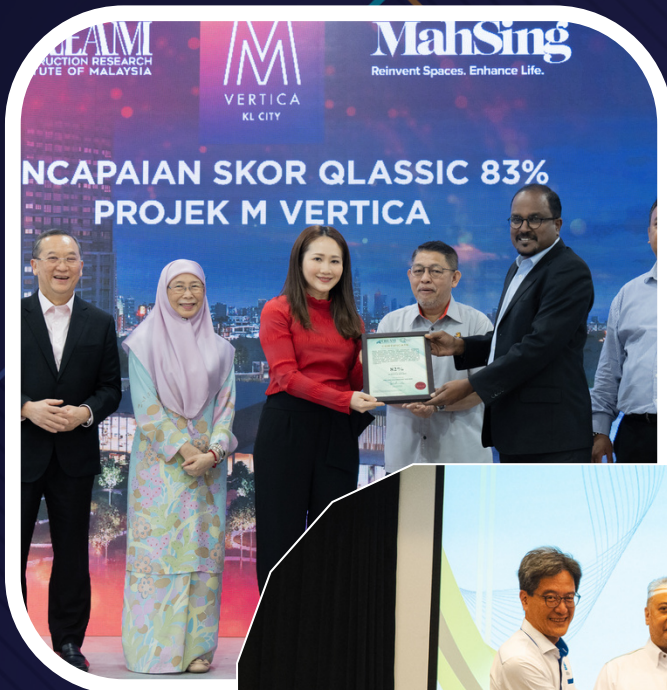


ISSUE 6 - JUNE 2023



# CREAM

e-magazine



- The Launching of GreenRE - MyCREST Joint Certification
- Thailand's RTTC Visit to Malaysia's Keretapi Tanah Melayu Berhad (KTMB)
- CREAM - Compliance to Quality Management and Anti-Corruption Standards
- M Vertica - A Project by Mah Sing - Achieved 83% QCLASSIC Score
- Construction Product Approval (CPA)
- CIDB Construction Law Report 2021&2022 (Edition 2023)
- Statistics on QCLASSIC Assessments

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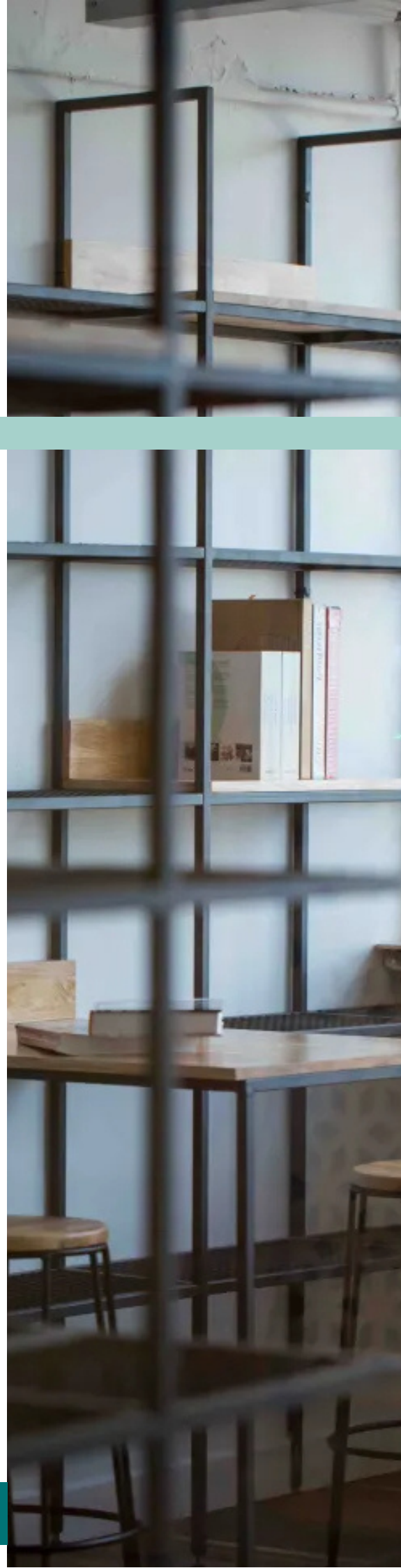
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# about us

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 CREAM is to be the research arm of the Industrial Development Board Construction (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 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.

# mission

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.





# what we offer

- Research and Development
- Industry Consultancy and Engagement
- Lab Testing
- Product Certification
- Assessments – QCLASSIC, 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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# The Launching of GreenRE - MyCREST Joint Certification



*by Ts. Dr. Hj. Mohd Khairolden Ghani and  
Ts. Intan Diyana Musa*



The sustainable rating tools of MyCREST and GreenRE offer a prescriptive and performance-based approach to green building certification that covers common major pillars, including energy efficiency, water efficiency, construction, sustainable materials, indoor environment quality, and carbon impact assessment. Both schemes incorporate the full life cycle of a building from design and construction to operation, maintenance, and end of life.

A technical task force was convened in March 2022 to formulate a joint certification framework between GreenRE and MyCREST. The joint certification aims to improve standardisation, enhance collaboration between the public and private sectors, and increase the uptake of green buildings in Malaysia.

The first stage of this joint certification program will be available for new non-residential building projects only, while other categories will be developed in subsequent stages. Through this joint certification:





(a) GreenRE will act as the lead certifier for projects in the private sector through GreenRE NRB v4.0 rating tool (to be launched); CREAM will act as the lead certifier for projects in the government sector through MyCREST v2.0 Design and Construction rating tool.

(b) The joint certification aims to achieve a similar carbon reduction score for rated projects. All prerequisites covering high-impact areas to reduce embodied and operational carbon will be mutually adopted.

(c) The joint certification will be awarded either Platinum GreenRE, which equates to the MyCREST 5-star rating, Gold (4-star rating), Silver (3-star rating), and Bronze (2- or 1-star rating).

We are excited to collaborate and work together in promoting sustainable development across the property development and construction sector. We believe that this partnership will help both organisations to achieve their respective goals, and we look forward to seeing how our combined efforts will make a real difference in the world!



# Thailand's Railway Transportation System Testing Centre (RTTC) Visit to Malaysia's Keretapi Tanah Melayu Berhad (KTMB)



*by Ahmad Hazim Abdul Rahim and Ts. Yuzairi Rozaidi Rohaizan*

From 20th until 22nd June 2023, a team from the Railway Transportation System Testing Centre (RTTC) of Thailand Institute of Scientific and Technological Research (TISTR) visited CREAM in Malaysia. RTTC is CREAM's long-time partner, especially in the development and sharing of technology related to railway infrastructure. The visit served as an important part of the continuous long-term collaboration established between both organisations.



The RTTC team was led by its director, Dr. Anat Hasap. It consisted of researchers and engineering technicians who specialise in rail infrastructure monitoring and railway materials testing. Their intention was to engage with Keretapi Tanah Melayu Berhad (KTMB) to conduct railway track inspection and monitoring study on KTMB's existing line. Dr Anat Hasap presented his project to KTMB, which is a railway research funding grant titled "Technical cooperation for research and implementation of Railway Inspection and Monitoring Technology" from the United Nations Development Programme (UNDP)/Perez-Guerrero Trust Fund for South-South Cooperation (PGTF). This study will involve three neighbouring countries, namely Thailand, Malaysia, and Indonesia.

The meeting was chaired by Ts. Mohd Yusoff, (KTMB's Senior Engineer – Railway Division) and attended by KTMB's Cargo, Signalling, ICT, & Corporate division. The discussion was indeed fruitful, with KTMB's team willing to cooperate and support RTTC's study.





RTTC is a specialist organisation in the research and testing of railway infrastructures. CREAM, with permission from the Metro System Academy (MSA), invited them to visit CREAM's proposed Railway Laboratory at MSA, Sungai Buloh. Their experience and input are valuable for CREAM's new test setup of railway infrastructures and materials testing. Dr. Anat Hasap was also consulted on the upcoming testing equipment that is being identified by MKRM to expand its rail testing capabilities.

Before RTTC's departure on 22nd June 2023, a courtesy visit and discussion chaired by Sr. Nazir Mohamad Nor (General Manager of CIDB's Bahagian Standard dan Bahan Binaan) was held to introduce the division's functions and proposed cooperation with RTTC.

CREAM would like to thank RTTC for their visit and we hope that the CREAM-RTTC partnership will continue to flourish in the future.





# CREAM - Compliance to Quality Management and Anti-Corruption Standards



*by Ir. M. Ramuseren, Mohd Aizuddin Ayob and Ts. Intan Diyana Musa*



On June 19 and 20, CREAM underwent an audit for the Quality Management System (MS ISO 9001:2015) and the Anti-Bribery Management System (MS ISO 37001:2016). The purpose of this audit was to assess CREAM's adherence to quality and anti-corruption standards. SIRIM QAS International Sdn. Bhd.'s external auditors conducted the audit, reflecting CREAM's commitment to maintaining high quality and fighting corruption.

The visit from SIRIM QAS International Sdn. Bhd.'s external auditors demonstrates CREAM's dedication to ensuring compliance with these important standards. By subjecting themselves to this audit, CREAM proves their commitment to upholding the principles of quality management and anti-corruption measures. This is a significant step towards maintaining the integrity of their operations and fostering a culture of transparency and trust.

During the audit, CREAM's processes, systems, and controls were thoroughly examined to ensure they align with the requirements of MS ISO 9001:2015 and MS ISO 37001:2016. By successfully passing this audit, CREAM demonstrates their ability to consistently deliver high-quality products and services while also actively combatting corruption within their organization.





Maintaining quality is crucial in ensuring customer satisfaction and building a strong reputation in the market. CREAM understands this and has taken the necessary steps to implement a robust Quality Management System. This system enables them to monitor and continuously improve their processes, ultimately delivering superior products and services to their clients.

Furthermore, CREAM's commitment to fighting corruption is commendable. Corruption not only undermines fair competition and economic growth but also erodes public trust. By adopting the Anti-Bribery Management System, CREAM aims to prevent and detect bribery and corruption within their organization. This demonstrates their commitment to ethical business practices and their determination to promote integrity in all aspects of their operations.

In conclusion, CREAM's recent audit for the Quality Management System and Anti-Bribery Management System is a testament to their dedication in maintaining quality and fighting corruption. By subjecting themselves to these audits, they have shown their commitment to upholding high standards and ensuring their operations are conducted with integrity. This will undoubtedly contribute to CREAM's continued success and the trust they have built with their customers and stakeholders.

## M Vertica - A Project by Mah Sing - Achieved 83% QCLASSIC Score

Mah Sing, a prominent property developer in Malaysia, has consistently been at the forefront of delivering exceptional projects that exceed expectations. With impressive QCLASSIC scores and accolades from the Malaysia Book of Records and the Department of Occupational Safety and Health, M Vertica has set a new standard in residential living

Mah Sing continuously pushes the boundaries to exceed expectations in its quest for excellence. M Vertica not only achieved remarkable scores on the QCLASSIC but the project was also completed ahead of schedule without compromising on quality. M Vertica's Phase 2 construction made history by achieving high scores on the QCLASSIC, the best achievement among all of Mah Sing's developments. Phase 2 – Tower D, E and Podium B of M Vertica achieved an 83% QCLASSIC Score while Tower C received an 82% QCLASSIC Score.





During the Official Handover Ceremony of Arena Badminton DBKL Cheras event on 28 June 2023, Ir. Ramuseren, CEO of Construction Research Institute of Malaysia (CREAM) presented the 2 (two) certificates to Ms. Jane Leong, Mah Sing's Director of Group Operations and Strategy. This is a testament to Mah Sing's commitment to delivering top-notch quality in their projects.



During the same ceremony, Mah Sing's Group Chief Executive Officer, Datuk Ho Hon Sang handover the newly built state-of-the-art RM20 million badminton arena by Mah Sing to Kuala Lumpur Mayor, Datuk Sr. Hj. Kamarulzaman Mat Salleh. The presence of esteemed guests, including Member of Parliament of Bandar Tun Razak, YB Dato' Seri Dr. Wan Azizah Wan Ismail, Mah Sing's Founder and Group Managing Director, Tan Sri Dato' Sri Leong Hoy Kum and Encik Azban bin Abidin, Political Secretary to Prime Minister, added to the significance of the occasion.

The new Arena Badminton DBKL Cheras, situated right next to M Vertica, boasts a total of 10 training courts with a tournament hall featuring 2 courts with tiered seatings, a multipurpose hall, a gymnasium, cafeteria, retail shops, surau for male and female and ample parking space.

M Vertica was also recognised by the Malaysia Book of Records for the Biggest Residents' Facility Deck in Malaysia for its expansive 4.54-acre landscape and facilities podium constructed above the residential parking space offers residents a breathtaking panoramic view of the Kuala Lumpur skyline while they enjoy more than 40 facilities designed for all ages. In addition to that, M Vertica was also acknowledged by the Department of Occupational Safety and Health for achieving an impressive milestone of 8 million man-hours without any lost-time injury throughout its construction, highlighting Mah Sing's commitment to ensuring a safe and secure working environment.

M Vertica stands as a shining example of Mah Sing's relentless pursuit of excellence and commitment to creating exceptional residential spaces that enhance the lives of its residents, surrounding community and the nation with a high score of quality workmanship.



*(From L – R): Mah Sing's Chief Executive Officer of Property Subsidiaries, Mr. Yeoh Chee Beng; Mah Sing's Director of Group Operations and Strategy, Ms. Jane Leong; Mah Sing's Executive Director, Datuk Seri Leong Yuet Mei; Mah Sing's Group Chief Executive Officer, Datuk Ho Hon Sang; Mah Sing's Founder and Group Managing Director, Tan Sri Dato Sri Leong Hoy Kum; Member of Parliament for Bandar Tun Razak, YB Dato' Seri Dr. Wan Azizah Wan Ismail; Mayor of Kuala Lumpur, Datuk Sr. Hj. Kamarulzaman Mat Salleh; Political Secretary to Prime Minister, Encik Azman bin Abidin; Department of Occupational Safety and Health WPKL & Putrajaya, Ir. Zamzurin Bin Maarof; Construction Research Institute of Malaysia's Chief Executive Officer, Ir. M Ramuseren; The Malaysia Book of Records' Chief Marketing Officer, Mr. Jwan Heah*



# Construction Product Approval (CPA)



*Sr. Yusrin Faiz Abd Wahab*

Construction Product Approval (CPA) is a certification scheme to certify four categories of Industrialised Building Systems (IBS), namely metal framing system, timber framing system, reusable formwork system, and innovative system that do not have specific standards. CPA will assess and certify these products before the applicants can apply for the CIS24:2023 Industrialised Building System (IBS) Assessment and Certification. The scope of CPA is to certify the conformity of these IBS products with any CIDB-recognised standards from local and international manufacturers/suppliers. Applicants with CPA certification are eligible to apply for CIS24:2023 Industrialised Building System (IBS) Assessment and Certification (previously known as IMPACT) and Perakuan Pematuhan Standard (PPS).

## STANDARD INDUSTRI PEMBINAAN

(CONSTRUCTION INDUSTRY STANDARD)

### CIS 24 : 2023

INDUSTRIALISED BUILDING SYSTEM (IBS) ASSESSMENT & CERTIFICATION

Description: IBS products, assessment, certification, verification, validation, marking

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CONSTRUCTION INDUSTRY DEVELOPMENT BOARD



**Construction Industry Development Board Malaysia**  
LEMBAGA PEMBANGUNAN INDUSTRI PEMBINAAN MALAYSIA  
Rooi Pejabat CIDB, Tingkat 10, Menara Datar, One, Pusat Dagangan Dunia,  
No. 45, Jalan Tun Ismail, 50450 Kuala Lumpur, Malaysia.  
Tel: 603-40477000 Faks: 603-40477020  
<https://www.cidb.gov.my>



The CPA procedures comprise documentation, factory assessment, CPA approval committee, and certification. The validity period of CPA is two (2) years from the date of issuance. Surveillance Assessment will be conducted after one (1) year of CPA certification. Renewal Factory Assessment will be conducted upon receiving renewal applications from the applicants. If the renewal application meets the requirements, a second Surveillance Factory Assessment will be conducted at the end of the third year.

The general process of CPA will take around 4 to 6 weeks, subject to the availability of documents and the applicants' readiness to host the factory assessment. All submitted documents (according to the CPA document checklist) will be reviewed by the appointed assessor. For factory assessment, the appointed assessor will go through the overall process, including raw materials, testing, design, and installation. The structural system needs to be endorsed by a local Professional Engineer with Practicing Certificate (PEPC). The assessor will present the report to the appointed technical committee. The CPA certificate will be issued once approved by the technical committee.

In conclusion, applicants with CPA certification will comply with the national and international regulations of Product Standards as well as the Construction Industry Standards and Fourth Schedule Act 520 by CIDB (Amendment 2011). This will boost the confidence among business partners and end users.



*For more info:*

*Construction Technical Approval (CTA)  
Construction Research Institute of  
Malaysia (CREAM)*

*Level 29, Sunway Putra Tower  
50350 Kuala Lumpur*

*[yusrin@cream.my](mailto:yusrin@cream.my) / 012 – 683 4892*



**Scan for CPA  
brochure**





# CIDB Construction Law Report 2021&2022 (Edition 2023)



by *Ts. Dr. Ihfasuziella Ibrahim*

**CIDB**  
CONSTRUCTION  
LAW REPORT 2015



**CIDB**  
CONSTRUCTION  
LAW REPORT 2016  
(Summary of 2016 Written Judgments & Lessons Learnt)



**CIDB**  
CONSTRUCTION  
LAW REPORT 2017  
(Summary of 2017 Written Judgments & Lessons Learnt)



**CIDB**  
CONSTRUCTION  
LAW REPORT 2018  
(Summary of 2018 Written Judgments & Lessons Learnt)



CIDB Construction Law Report (CCLR) consists of construction law cases decided from January to December each year. Since 2018, the Construction Research Institute of Malaysia (CREAM) has been responsible to assist CIDB in compiling construction court cases, appointing commentators, conducting editing works, and publishing CCLR. CREAM is also entrusted by CIDB to promote CCLR, especially among contractors and developers, as it can reduce construction disputes based on decided court cases, particularly if the issue before the court is similar. This can save a lot of money and increase construction productivity at the same time.

The compilation of construction court cases comprises three levels of courts, namely the High Court, the Court of Appeal, and the Federal Court. Crucial points and facts of these cases are summarised and presented in simple plain language for readers' understanding. The practice of construction law involves numerous different things. It is important for us to have a learning-based book from decided construction cases and commentaries from the industry.

The publication of the Construction Law Report (6th Edition) brings together completed cases from 1st January 2021 to 31st December 2022. The CCLR 2023 Edition will combine cases for two years (2021 and 2022) with 40 written judgements to provide a summary of these written judgments and lessons learnt from each case. There were 40 commentators appointed for the CCLR 2023 Edition consisting of various backgrounds, such as arbitration, institution, higher learning education, and quantity surveying. Analytical statistics are also provided on the number of construction cases registered, disposed of, and pending in courts.

There is also a selection of several major landmark cases for the purpose of obtaining comments from experts appointed by CIDB Malaysia. The classifications of these cases include Performance Bonds, Arbitration, Housing Development Act (HDA), Adjudication, and CIPAA - Winding Up / Insolvency. The selection of these cases was based on landmark cases following its significance and lasting effect on the application of a certain law, often concerning organisational rights and liberties. The landmark cases are also important to understand how the judicial branch works, to see how past judicial decisions have affected the law, construction industry, and organisation rights, and to predict how past decisions can be applied to current cases and issues.

For instance, the case of Catajaya Sdn. Bhd. & Ors from the Federal Court, Putrajaya that was commented by Datuk Sr. Chia Lui Meng. This appeal raises the questions whether the law in Malaysia regarding termination clauses ought to be strictly interpreted and whether headings in a contract can be used to assist in the interpretation of the contract. The lessons learnt from this case include (1) whether termination clauses ought to be construed strictly and whether they should be independent and stand-alone provision, which can be validly applied without being encumbered by reasons and notice; (2) headings in a contract act as marginal notes in a statute where its function is merely to serve as a brief guide to the content of the section and for reference and identification purposes only; and (3) time is an important essence, mainly for the parties who fail to settle the purchase price by the completion date - such termination is always valid. In any written agreements, there must be strict adherence to the agreed terms of the agreement by the parties unless expressly provided otherwise. The agreement represents the parties' intention, defining their obligations and commitments. It will always be prudent for the parties to acknowledge that their obligations are fulfilled before embarking on the enforcement of their terms of agreement. The intention of their agreement must be clearly understood and incorporated accordingly.



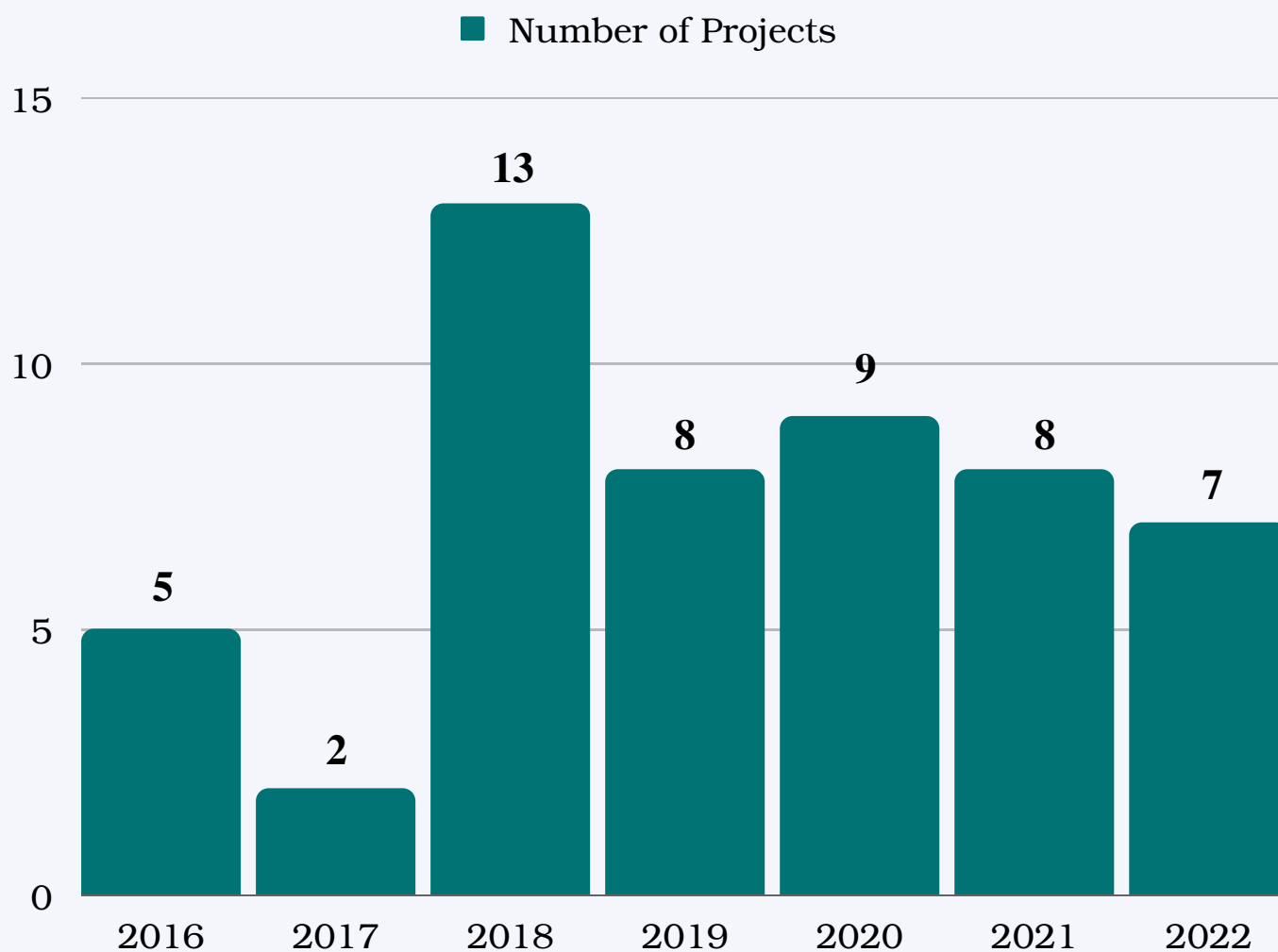
The CCLR 2023 Edition is expected to be completed and published by December 2023 at a reasonable price of RM300.00. It will be published via eBooks, making it accessible to everyone including those on the go. Some eReaders come with the option of offline accessibility, allowing people to use it even in the absence of an internet connection. Additionally, printed copies of the CCLR 2023 Edition are available for purchase from the CREAM headquarter office. Construction law stands as the rule the people should be justified and righteous based on construction cases and issues. Although the book is intended for anyone interested in construction cases, the technical and legal jargon used can be a little overwhelming, particularly for those without a legal background.

## KEY TAKEAWAYS

- The book aims to convey the real situation of construction cases to the readers.
- The lucid presentation and in-depth Malaysian construction statistics make it a great read.
- People with no legal background can enjoy the explanation in the book. They will find the book engaging as it uses numerous examples to explain the construction cases in Malaysia.
- The book outlines and summarises the judgments, issues arising, and lessons learned from the law and elucidates its different perceptions.
- It offers readers numerous references, examples, and cases to supplement their understanding of construction law.
- This book stands as one of the most comprehensive lessons on construction law that you will ever find.
- The comprehensive read includes the construction law to help readers understand the texts better.
- CCLR 2023 Edition includes new cases that are highly relevant for practitioners in the construction industry and serves as guidance for developers, contractors, and consultants.
- This law book is written in simple and easy language in allowing you, as a layman, to follow the cases, comprehend the lessons learned, and learn your way in becoming the best construction industry practitioner in Malaysia.
- This book will introduce you to cases of various categories, including Performance Bonds, Arbitration, Housing Development Act (HDA), Adjudication, and CIPAA - Winding Up / Insolvency.



Scan for QLASSIC  
brochure

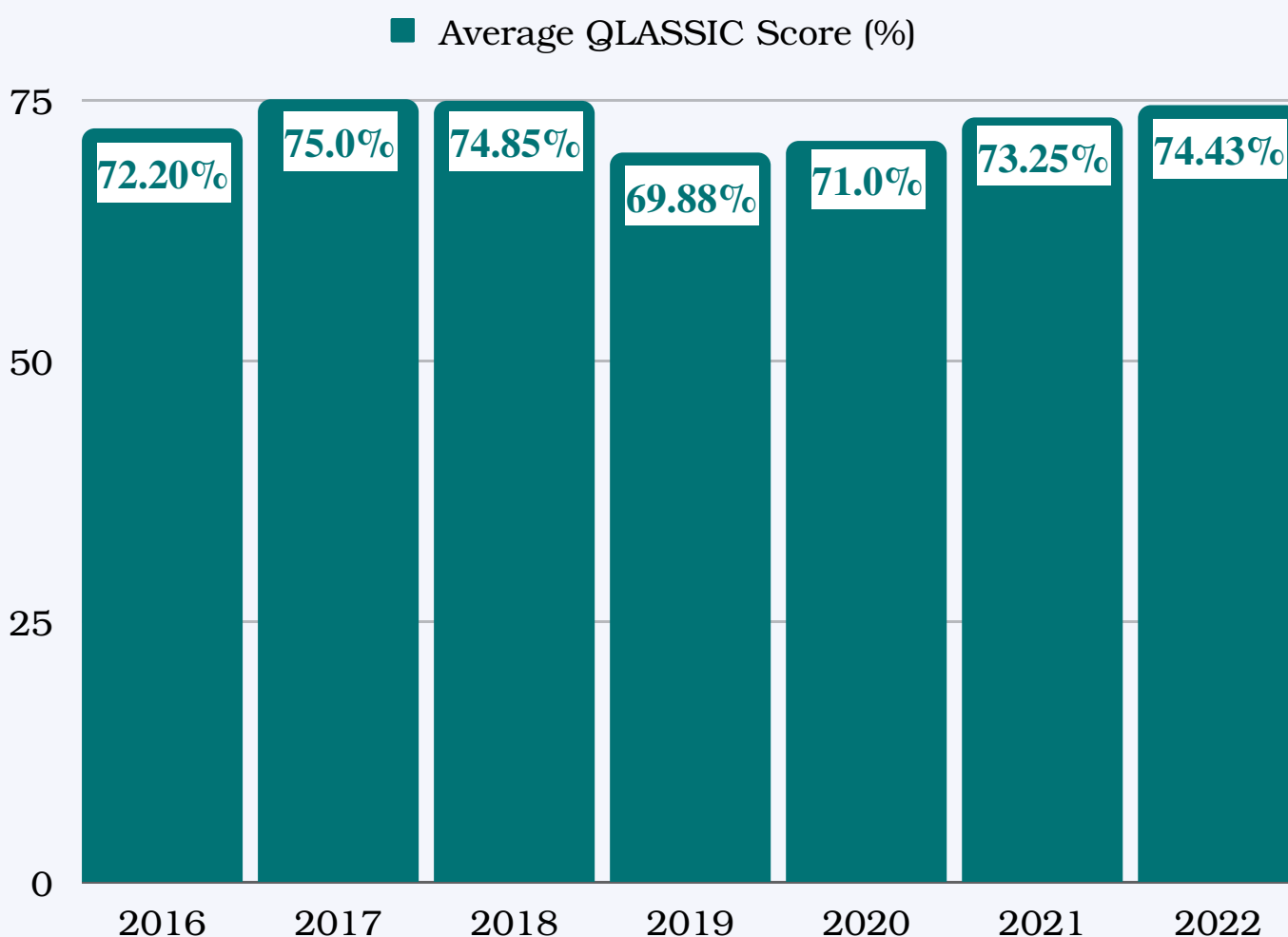


Number of Affordable House Projects Implemented QLASSIC by Year

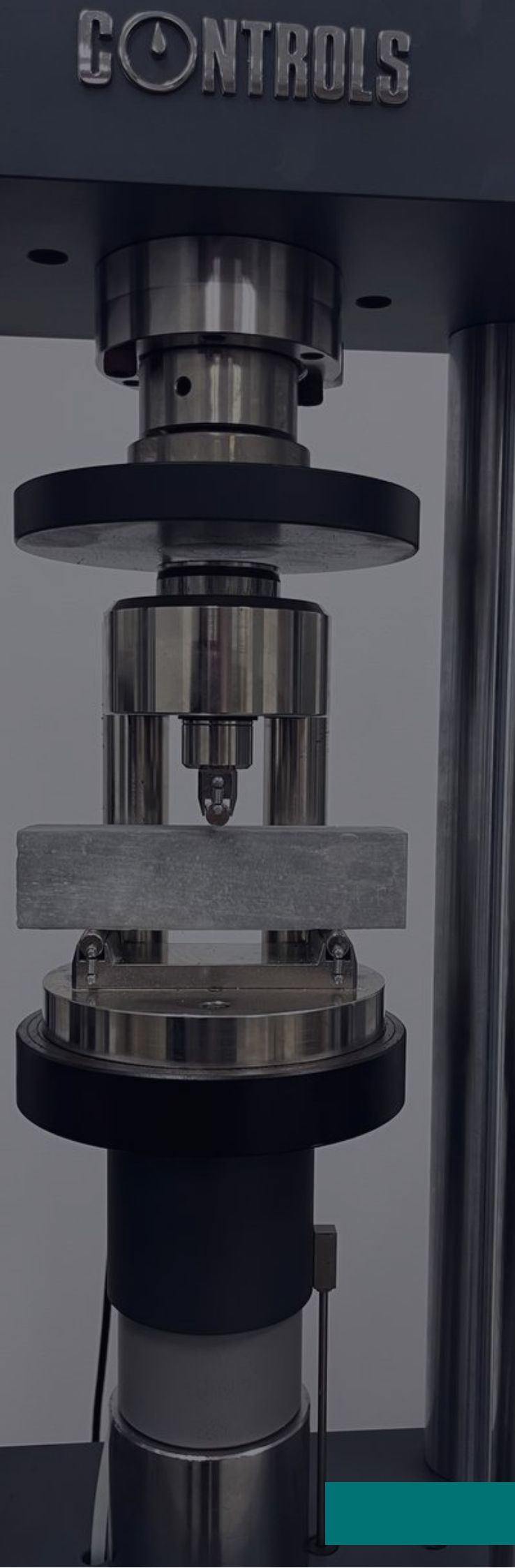




Scan for QLASSIC  
brochure



Average QLASSIC Score (%) of Affordable Houses by Year



# **highlight on June activities**



# Highlight on June Activities

## 25th ASIA PACIFIC RAIL 2023

Date : 31st May 2023 – 1st June 2023

Venue : BITEC Bangkok, Thailand



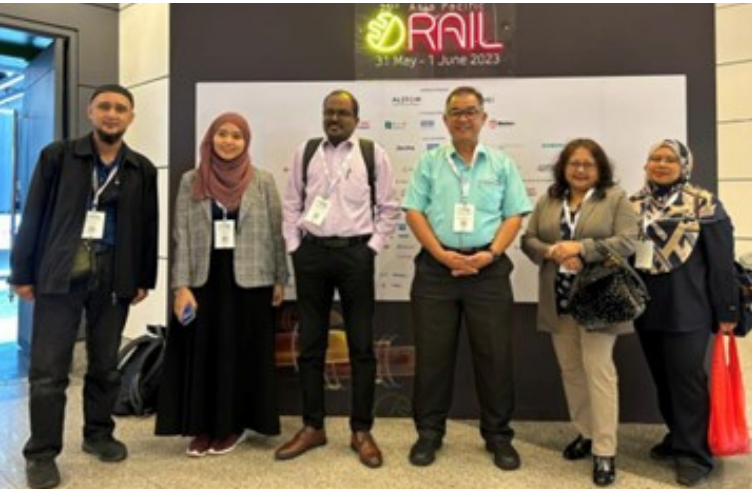
The Asia Pacific Rail brings together the brightest minds from the rail industry across Asia, aiming to ignite new ideas and stimulate fresh conversations. The 25th Asia Pacific Rail was held from 31st May to 1st June 2023 at BITEC Bangkok, Thailand.

It comprised seminars presented from top-tier suppliers, rail operators, and railway authorities from across the region. The four conference theatres featured exclusive thought leadership and insights from global rail leaders, covering topics such as digital rails, mainlines, metros, operation, maintenance & asset management, and signalling & communications.

This 25th Asia Pacific Rail offered a great transfer of technology and networking opportunity for CREAM. It also presented an opportunity for CREAM delegates to gain valuable experience and knowledge by exploring new perspectives and exchanging technical insights with international experts. We were introduced to cutting-edge products that incorporate innovative software and sensor technologies, with a specific focus on enhancing asset creation, inspection, and maintenance capabilities.

The latest trend in the railway industry revolves around technology innovation, energy efficiency, and mobility, and we have witnessed how these trends are shaping the future. While these products demonstrate great potential, their implementation in Malaysia should consider factors such as cost, local regulations and standards, environmental considerations, local weather conditions, and the need for technology transfer.

## Highlight on June Activities



This event had attracted transportation communities, railway specialists, professionals, executive peers, and industry experts from around the globe. We capitalised on this opportunity to promote our organisation and company services during the hands-on sessions and networking gatherings. Such events provided ample networking and commercialisation opportunities. This was aligned with our objective for this visit, which was successfully achieved.

CREAM has made significant strides in establishing contacts and securing commitments from a prominent railway testing facility in Southeast Asia, namely the Railway Transportation System Testing Centre (RTTC). By leveraging our expertise and partnerships, CREAM is well-positioned to contribute to the development and maintenance of railway networks in Malaysia. This involvement will further strengthen CREAM's reputation and expand our reach within the industry.

The successful establishment of contacts and commitments from industry leaders not only highlights CREAM's capabilities but also opens doors to future collaborations and growth prospects. As the demand for reliable and efficient railway systems continues to rise, CREAM's involvement in future projects and its focus on testing, monitoring, and inspection will play a vital role in ensuring the safety and quality of rail infrastructures in Malaysia.



# Highlight on June Activities

## Dig.It.All Forum Series : Embracing Digital Technology & Technical Visit

Date : 7-8 June 2023

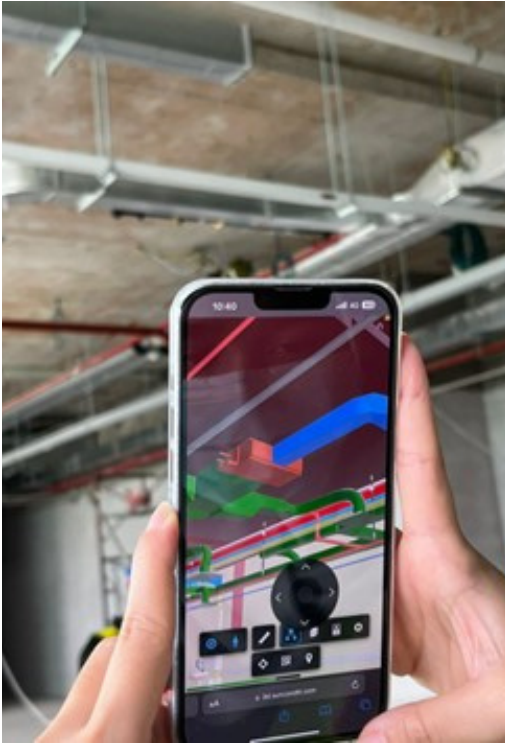
Venue : Sunway Putra Hotel & Sunway Medical Centre Damansara

The DIG.IT.ALL Forum Series took place on 7 and 8 June 2023 at Sunway Putra Hotel Kuala Lumpur and Sunway Medical Centre Damansara, respectively. The event, hosted in collaboration with Pertubuhan Arkitek Malaysia (PAM), received a total participation of more than 50 people, aiming to increase the awareness among professionals on Construction 4.0 and the latest technologies used in the construction industry.

Day 1 of the event comprised seven key figures in the construction technology field who shared their current projects and vast experience with the audience, who came from different backgrounds and fields of study. Among the topics presented by the speakers during the morning session included current digital technologies, such as metaverse, AR, VR, drones, IoT, and cloud computing. Highlights on future technologies and key enablers to facilitate the involvement of small and medium enterprises (SMEs) in digitalisation were later discussed in the afternoon forum session. The day was concluded with high tea and networking among the audience.



## Highlight on June Activities



Day 2 brought the participants to the northern part of Kuala Lumpur where they met with the Sunway Construction's Virtual Design and Construction (VDC) team for the ongoing Sunway Medical Centre Damansara project. Twenty participants were involved in the technical visit, which highlighted the progress and technologies used. This included the use of 4D BIM technology in daily work routines and a Virtual Reality (VR) showcase at one of the project's most sophisticated areas in the building. Overall, it was truly a tremendous and eye-opening experience to witness Sunway Construction's implementation of digital technology from the design level up to the construction stage, as this could set Malaysia's construction industry standard at par with other competitive and growing nations.

The DIG.IT.ALL Forum Series, in partnership with PAM, is the first of the four series, which will be held later in Johor Bahru (6 & 7 September 2023), Penang (18 & 19 October 2023), and Kuala Lumpur (15 & 16 November 2023). For more details, please visit CREAM website at [www.cream.my](http://www.cream.my) or contact Mr. Shahir at [shahir@cream.my](mailto:shahir@cream.my).





# Highlight on June Activities

## Workshop Development of Self - Assessment System For Productivity Measurement Tool (PMT)

Date : 9 - 11 June 2023

Venue : Cyberview Resort & Spa Cyberjaya

In line with the Road Towards Construction Productivity Excellence (RTCPE) plan, CREAM and CIDB are working towards the development of the CIS 30: 2021 Productivity Measurement Tool (PMT) Self-Assessment Digital System, which is targeted to be completed and ready for use by 2025. In conjunction with the plan, a workshop was held at Cyberview, Cyberjaya from 9 to 11 June 2023, which was participated by the Implementation Coordination Unit of the Prime Minister's Department (ICU, JPM) as well as representatives from the ministries and implementing divisions, Public Works Department (Jabatan Kerja Raya, JKR), Ministry of Local Government Development (KPKT), and Ministry of Higher Education (MoHE). The objective of the workshop was to expand the participants' knowledge on CIS 30:2021 PMT and to facilitate a working group discussion to study the implementation methods of governmental projects in Malaysia. Such insight is imperative to ensure that the PMT digital system to be developed will be applicable and relevant to the current structure of governmental projects' implementation.





# Highlight on June Activities

## CREAM Visit to YTL Cement's Construction Development Lab (CDL) and Westport Plant

Date : 15 June 2023

Venue : YTL Cement's Construction Development Lab (CDL) and Westport Plant



CREAM recently had the pleasure of visiting YTL Cement's Construction Development Lab (CDL) and Westport Plant. The visit included a briefing on the testing facilities and the capabilities of both the CDL and our Westport Plant, and a first-hand introduction to our low-carbon cement and concrete products.

It was great to have the opportunity to learn more about the company's mission of being at the forefront of innovation in cement manufacturing while also preserving the environment. We were truly impressed with their dedication to build a greener Malaysia by providing high-quality, environmentally-friendly products. We believe that as an industry leader, it is important for CREAM to collaborate with like-minded partners who share our vision for sustainable development. We look forward to continuing our collaboration with YTL Cement in the future!





# Highlight on June Activities

## Seminar on Construction Work Awareness and Project Declaration Management

Date : 22 June 2023

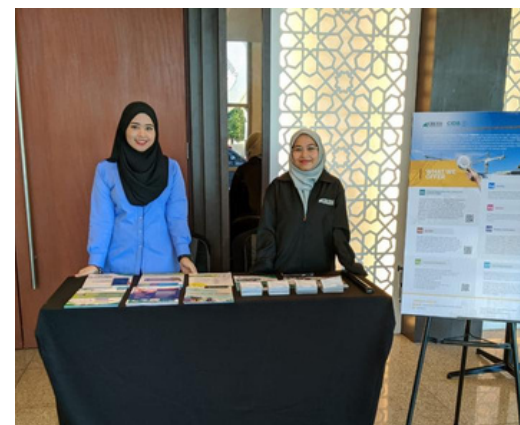
Venue : Raia Hotel & Convention Centre, Kuching, Sarawak



A seminar on Construction Work Awareness and Project Declaration Management was organised by CIDB Malaysia and managed by CIDB Negeri Sarawak on 22nd June 2023 at Raia Hotel & Convention Centre, Kuching, Sarawak. The purpose was to provide exposure to contractors regarding project management, project declaration, and levies. The seminar also focused on increasing contractors' awareness and compliance with the provisions of Act 520.

As the target audience of the seminar, CREAM Sarawak invited CREAM to participate and set up an exhibition booth to raise awareness of our CREAM-MKRM Sarawak branch, which is now officially open for business. We also took the opportunity to promote CREAM's main services.

Throughout the exhibition, both participants, especially local-based contractors, and suppliers showed interest in services offered by CREAM-MKRM Sarawak. The program was held successfully. CREAM would like to express our appreciation to CIDB Negeri Sarawak for the invitation to participate and for the opportunity to set up our exhibition booth. We look forward for continuous support and cooperation between CREAM and CIDB Negeri Sarawak that will surely benefit the future endeavours of both ends.





# Highlight on June Activities

## CREAM -MKRM Laboratory Tour 2023

Date : 22 June 2023

Venue : Makmal Kerja Raya Malaysia,



It's a pleasure to have representatives from Hong Leong Subsidiaries Company to visit our CREAM-MKRM last 22nd June 2023.

The main objective of the visit is to learn more about our testing facilities and services, and to discuss future collaboration opportunities. The visit was very productive and allowed the visitors to gather valuable information about the latest technology available at CREAM MKRM.

Thank you for joining us and making this visit a success. Our team at CREAM-MKRM is so glad to meet with you in our lab. We hope to cooperate with you soon as your business partner.

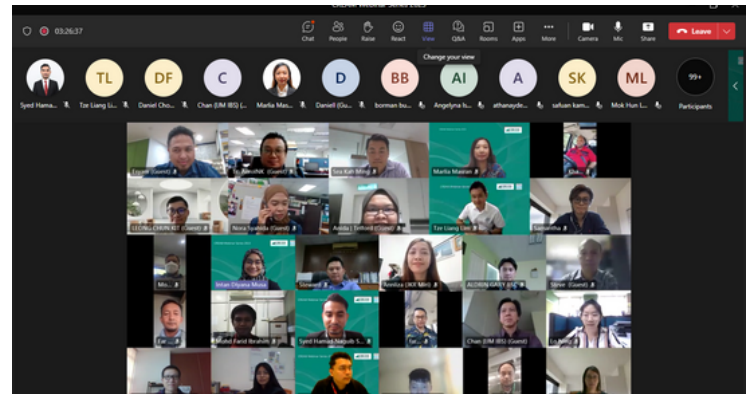
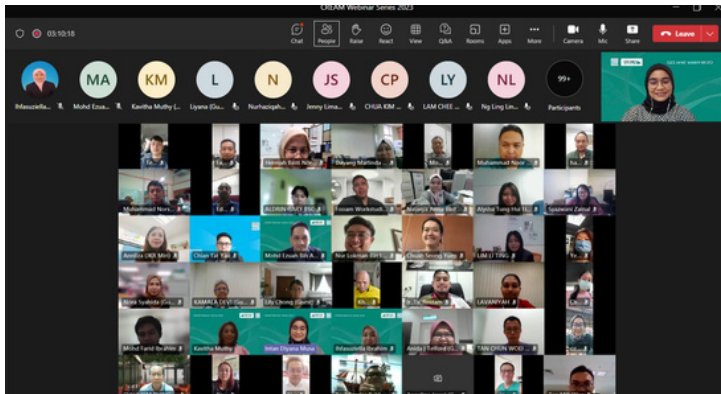
We are always open to visitors, so drop by and say hi! We would love to introduce our facilities and services to you.

# Highlight on June Activities

## CREAM Webinar Series 2023

CREAM Webinar Series 2023 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 theme for this month's webinar is "**Construction 4.0 - The New Construction Landscape**".



### Session 1: Emerging Technologies for The Future of Construction Industry

21 June 2023

Speakers:

- Dr. Kavitha Muthy  
Chief Strategy Officer, Intellize Tech Services
- Sr. Gs. Mohd Ezuan Abdullah  
Head of Solution and Services, Technerve Technology Solutions Sdn. Bhd.

No of participants: 135 pax

### Session 2: Rebuilding Construction Industry via Design for Manufacturing Assembly (DfMA)

27 June 2023

Speakers:

- Ir. Syed Hamad Naguib Syed Azmi  
Researcher, Construction Research Institute of Malaysia (CREAM)
- Ir. Chan Huan Ong  
Assistant General Manager, IJM IBS Sdn Bhd
- Mr. Daniel Chong Tatt Foke  
Manager, Virtual Design & Construction (VDC), Sunway Construction Sdn.Bhd.

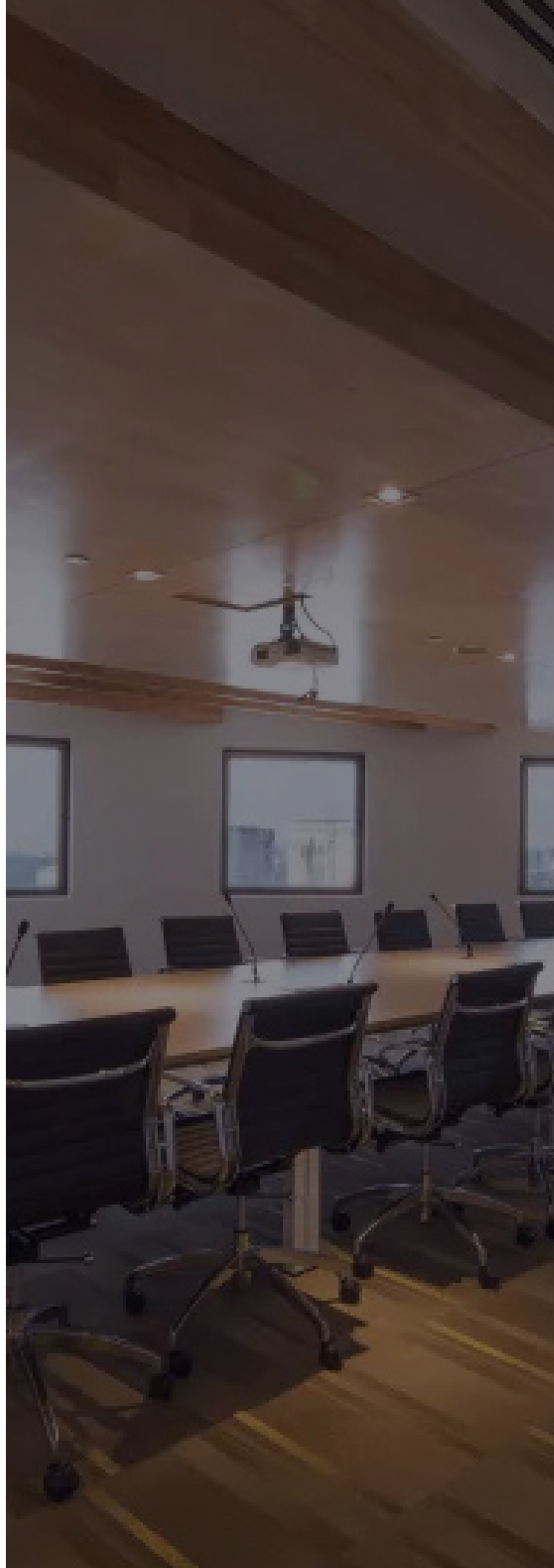
Panelist:

- Mr. Lim Tze Liang  
General Manager (Technical), Construction Development Lab (CDL), YTL Cement Bhd

No of participants: 111 pax



# **upcoming events**



## CREAM Webinar Series 2023

Contractor's Quality Management System (CQMS) – An Alternate to Quality Management System Specifically Designed for Contractors and Recognised by CIDB

### CREAM WEBINAR SERIES 2023

## Contractor's Quality Management System (CQMS) – An Alternate to Quality Management System Specifically Designed for Contractors and Recognised by CIDB



**10** CCD POINTS  
PER SESSION

27 July 2023 | Thursday | 9am - 12pm



#### **Contractor's Quality Management System (CQMS) – An Alternative to ISO 9001**

**Ts. Syed Hazni Abd Gani**  
Manager  
Construction Research Institute of Malaysia (CREAM)



#### **Process and Procedure of CQMS Certification**

**Mr. Farid Hafizudin Zamri**  
Certification Officer,  
Construction Research Institute of Malaysia (CREAM)

### Want to be among the first to be certified with CQMS?

Join our CREAM Webinar Series 2023 and win your chance to participate in our **CQMS Pilot Project worth RM4,000!!!**

This CQMS Pilot Project comprises of:

- Free 1-day training on CQMS based on CIS 29:2021
- Free Coaching and guidance
- Free audit by our competent auditors
- Free CQMS certification (valid for 2 years)
- Weightage will be given to CIDB SCORE Rating equivalent to ISO 9001

#### SPECIAL ADDRESS



**Ir. M. Ramuseren**  
Chief Executive Officer (CEO)  
Construction Research Institute of Malaysia (CREAM)

**Register here**  
➡➡➡



#### FEES:

**RM75**  
(PER PAX)

**Student: RM30**  
(PER PAX)

**GROUP REGISTRATION:**  
(MIN 3 PEOPLE PER GROUP)

**RM50**  
(PER PAX)

**Student: RM20**  
(PER PAX)

#### For more info:

[www.cream.my](http://www.cream.my) +603 2779 1479

[marketing@cream.my](mailto:marketing@cream.my)

[creamcidb](https://www.instagram.com/creamcidb)

[cream\\_cidb](https://t.me/cream_cidb)

Construction Research Institute of Malaysia



### CREAM WEBINAR SERIES 2023

#### Sustainability Rating Tools – The Key Towards Sustainable Construction



**10** CCD POINTS  
PER SESSION

31 July 2023 | Monday | 9am - 12pm

Sustainable rating tools like MyCREST and Sustainable INFRASTAR play a crucial role in promoting sustainability in the construction industry. These tools provide frameworks and guidelines for assessing and rating the sustainability performance of buildings and infrastructure projects. **This CREAM Webinar Series 2023 aims to raise awareness about these tools and educate industry professionals and stakeholders about their importance and encourage their adoption.**

This webinar will cover the following topics:

- **Introduction to MyCREST and Sustainable INFRASTAR**
- **Key features and criteria of MyCREST and Sustainable INFRASTAR**
- **Benefits of MyCREST and Sustainable INFRASTAR**
- **Sharing sessions of projects that have successfully implemented MyCREST and Sustainable INFRASTAR.**



#### FEES:

**RM75**  
(PER PAX)

Student:

**RM30**  
(PER PAX)

**GROUP REGISTRATION:**  
(MIN 3 PEOPLE PER GROUP)

**RM50**  
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**RM20**  
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**For more info:**



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[creamcidb](https://www.instagram.com/creamcidb)



[cream\\_cidb](https://t.me/cream_cidb)



Construction Research Institute of Malaysia

# KURSUS PEMBINAAN BERDAYA TAHAN 2023



25 MATA CCD (2 KURSUS)  
10 MATA CPD (2 KURSUS)

**Tarikh: 24 & 25 Julai 2023**  
**Tempat: Auditorium Galeri Paya Bakau  
MPSPK, Sungai Petani, Kedah**

## OBJEKTIF

Untuk memberi pendedahan dan melatih pihak industri dan PBT bagi penggunaan garis panduan yang telah dibangunkan oleh CREAM bagi penilaian risiko bencana tanah runtuh dan banjir di sesuatu kawasan sebelum pembangunan diadakan.

**Kursus Pembinaan Berdaya Tahan - Flood Risk Assessment & Flood Vulnerability Index for Critical Infrastructure in Malaysia + Lawatan Tapak ke Sabo Dam & Lokasi Kejadian Debris Flow (2021) di Yan Kedah\***

*Isnin, 24 Julai 2023*

*\*Pihak CREAM tidak menyediakan pengangkutan bagi lawatan ke tapak, peserta perlu menggunakan kenderaan masing-masing*

**Kursus Pembinaan Berdaya Tahan - Guidelines for Landslide Vulnerability Assessment & Development of Risk Index for Critical Infrastructure in Malaysia**

*Selasa, 25 Julai 2023*

## Sasaran Peserta:

- ✓ Pihak berkuasa tempatan (PBT)
- ✓ Pemaju
- ✓ Kontraktor
- ✓ Perunding

## PAKEJ YURAN PENYERTAAN

**1 Kursus**  
RM200/pax

**2 Kursus**  
RM350/pax

**Peserta Berkumpulan Min 3 orang**  
RM150/pax/kursus



**DAFTAR  
SEKARANG**

*Guidelines for Landslide Vulnerability Assessment & Development of Risk Index for Critical Infrastructure in Malaysia telah diluluskan oleh Majlis Negara Kerajaan Tempatan (MNKT) ke-79 2022 untuk digunapakai di peringkat Pihak Berkuasa Tempatan*

**Maklumat  
Lanjut:**



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[creamcidb](#)



[cream\\_cidb](#)



Construction Research Institute of Malaysia



## Penceramah:



**Datuk Ir. Hj. Abdullah Isnin**

Mantan Ketua Pengarah,  
Jabatan Pengairan dan Saliran Malaysia



**Dato' Paduka Ir. Dr. Che Hassandi Abdullah**

Mantan Pengarah Kanan,  
CREaTE JKR



**Dato' Zakaria Mohamad, P.Geol**

Pengerusi,  
Geomapping Technology Sdn. Bhd. dan  
Board of Geologist



**Ir. Hjh. Bibi Zarina Che Omar**

Pengarah Teknikal,  
Dr. Nik & Associates Sdn Bhd



**Dr. Nor Eliza Alias**

Pensyarah Kanan, Fakulti Kejuruteraan Awam,  
Universiti Teknologi Malaysia (UTM)



**Ts. Dr. Mastura Azmi**

Pensyarah Kanan, Pusat Pengajian Kejuruteraan Awam,  
Universiti Sains Malaysia (USM)

*\*Para penceramah adalah terdiri daripada Ahli Jawatankuasa Teknikal bagi Pembangunan Garis Panduan Tanah Runtuh & Banjir serta mempunyai pengalaman yang luas di dalam bidang masing-masing*

Che Omar



## Connect with us



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general@cream.my



cream\_cidb



creamcidb



Construction Research Institute of Malaysia

