

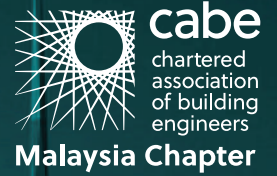
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Malaysia Branch

WELCOMING ADDRESS



Isacc Sunder Rajan
Malaysia Chapter Chairman

Good morning, distinguished guests, esteemed speakers, and valued participants.

It is my great honour and pleasure to welcome you all to the CABE Malaysia International Conference 2025, an international gathering of minds dedicated to shaping the future of Building Engineering. Whether you have travelled from afar or are joining us virtually, we are delighted to have you here as part of this dynamic and forward-thinking community.

The field of Building Engineering stands at the crossroads of innovation, sustainability, and resilience. As cities expand and infrastructures evolve, our collective responsibility is to design and construct smarter, safer, and more sustainable environments. This conference serves as a platform for knowledge exchange, fostering collaboration between industry leaders, researchers, and young

professionals who are redefining the built environment.

Over the next few days, we will explore groundbreaking advancements in structural engineering, sustainable construction, smart building technologies, and beyond. With keynote sessions from renowned experts, insightful panel discussions, this event promises to be a hub of learning, inspiration, and meaningful connections.

I encourage you all to engage, share your expertise, and seize the opportunity to forge new partnerships. Together, we can tackle the challenges facing our industry and shape a more resilient and innovative future.

Once again, welcome to CABE Malaysia International Conference 2025 Let's embark on this journey of knowledge and progress together.

Thank you.

WELCOMING ADDRESS



Richard Flynn

President of Chartered Association of Building Engineers

It is a great pleasure to welcome you all to CABE Malaysia's International Conference 2025. The conference is part of the CABE centenary celebrations - this incredible milestone reflects a legacy of advancing professionalism in the built environment, fostering collaboration, and driving sustainable progress.

CABE Malaysia Committee Chair and Members have left no stone unturned in broadening the impact of CABE in Malaysia and its neighbourhood countries. Their efforts have been well recognised and serve as a testament to its enduring relevance and the importance of "Constructive Collaboration", which is the theme of the conference this year.

In support of this, Dr Hywel Davies, our Head of Technical Insight will share insights that contribute to our collective understanding and practice in these crucial areas of construction. I would also like to take this opportunity to commend the collaborative spirit demonstrated by our participants in supporting this CPD initiative. Your collective efforts have been instrumental in sharing the objective of the CABE Malaysia International Conference annually.

We encourage feedback and ideas from CABE Members, and we welcome new perspectives from other participants. If you have any ideas, or suggestions, please let us know.

I wish you productive discussions, valuable insights, and meaningful connections at the conference.



Richard Harral

Chief Executive Officer of Chartered Association of Building Engineers

I am pleased to welcome you all today to CABE Malaysia's International Conference.

This year the Conference will demystify some of the necessary changes that are being made to improve the competency of the industry and to reinforce collaboration amongst the built-environment professionals. The theme, Constructive Collaboration, aims to unite our diverse and highly specialised industry through a shared desire to raise competency.

Industry-leading speakers, each with in-depth insight into their respective fields, will provide an overview of the changes and explain how we need to focus on policy, technology, and our behaviour to support them.

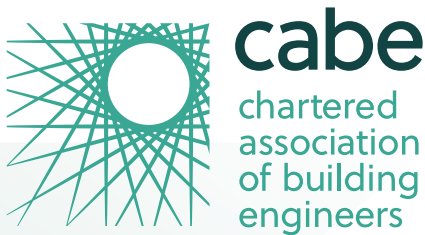
CABE Members, regardless of their geographic location, are committed to life-long learning and addressing their professional needs to ensure they are competent professionals. Events like this help us to improve our knowledge and allow us to develop individual bonds with other professionals, students, and allied institutes.

The CABE Malaysia Chapter is committed to attracting more built-environment professionals and boosting relations with local universities and schools to create synergies. With great potential to link with many local universities, the CABE Malaysia Chapter is working hard to nurture younger generations and provide professional support to both current and prospective members

My thanks to the CABE Malaysia Chapter Committee led by its Chair Sr. Isaac Sunder Rajan Packianathan, for organising this meaningful event. I trust that the conference will be a resounding success, and wish to commend the collaborative spirit demonstrated by every one of you.

ABOUT THE INSTITUTION

Chartered Association of Building Engineers (CABE)



Malaysia Chapter

The **Chartered Association of Building Engineers (CABE)** is a unifying voice within the construction sector.

Formed in 1925, the Association brings members, who work across the life-cycle of the built environment specialising across a wide range of disciplines together. **CABE** shares knowledge, raises standards and develops professionals, enabling them to meet the highest standards we all expect of them.

By supporting our members **CABE** improves collaboration and competency ensuring that buildings meet our essential human needs, today and tomorrow.

CABE Malaysia Chapter is here to:

- support and ensure the proper governance and operation in Malaysia Chapter, including the monitoring and reporting of compliance to CABE standards,
- help raise the profile and influence of **CABE** within the region with industry and governments through representation to local government authorities and other professional bodies locally,
- provide front-of-office functions for **CABE Headquarters** to members in Malaysia, including assisting with membership recruitment, upgrades and renewals, facilitating membership and Chartered Engineer interviews locally, liaison with local academic partners, communications to members on behalf of the chapters, disciplinary matters and the promotion of the benevolent fund; and
- provide quality local activities including regular committee meetings, regular CPD sessions to members, conferences, and formal events.

Asian International Arbitration Centre (AIAC)



ASIAN INTERNATIONAL ARBITRATION CENTRE

Established in 1978, the **Asian International Arbitration Centre ("AIAC")**, formerly known as the Kuala Lumpur Regional Centre for Arbitration ("KLRC"), was the first arbitration centre in Asia to be established under the Asian-African Legal Consultative Organization ("AALCO"). The Centre was first set up to provide institutional support as an independent and neutral venue for arbitration proceedings in Asia. Currently, it stands alongside only five other regional centres located in Egypt, Nigeria, Iran, Kenya and Hong Kong.

Since its inception, the Centre has evolved into a global hub for Alternative Dispute Resolution (ADR). Over the past four decades, it has built itself from the ground up recording 810 cases in 2022; a testament of the **AIAC's** significant growth since 2010 when it administered only 22 cases. The **AIAC** has administered a total of 6218 ADR cases to date. The Centre has entered into more than 50 partnerships with local and international organisations and conducted over 400 capacity building events. The **AIAC** brand now showcases a reinvigorated commitment to provide the best ADR services to its stakeholders, with a comprehensive blueprint in place to deliver on this commitment. Under the leadership of its Director, Datuk Sundra Rajoo, the Centre reverberates with innovation and a renewed sense of drive to enhance the services and products of the **AIAC**, locally and internationally.

ABOUT THE INSTITUTION

Construction Industry Development Board (CIDB)



Construction Industry Development Board (CIDB) was established under the Construction Industry Development Board Act 1994 (Act 520) to regulate, develop and facilitate the construction industry towards achieving global competitiveness.

The Board advises the Federal and the State Governments, as well as other stakeholders on matters affecting or connected with the construction industry.

Its objective is to develop the capacity and capability of the construction industry through the enhancement of quality and productivity by placing great emphasis on professionalism, innovation and knowledge in the endeavour to improve the quality of life.

Its vision is to be an esteemed organisation that delivers construction excellence in Malaysia.

Its mission is to regulate, develop and facilitate the construction industry by inculcating professionalism in delivering quality, productive and sustainable built environment.



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CONFERENCE PROGRAMME

08:30 - 09:15

Registration and Breakfast

09:15 - 09:20

Welcome Address by Chair of CABE Malaysia Chapter

09:20 - 09:35

Welcome Address by CABE President, Richard Flynn and CABE CEO, Richard Harral

09:35 - 09:45

**Launching of Conference by CABE Technical Director,
Dr Hywel Davies**

09:45 - 10:15

"Overview of New Building Control Regime in England and Wales"
Keynote Address by Dr Hywel Davies, CABE Technical Director

10:15 - 10:30

Morning Break

10:30 - 10:55

Session 1 - Moderator: Adj Prof. Ir. Dr. Muhammad Arkam Bin Che Munaa'im

10:55 - 11:20

"Sustainability in UK Built Environment"
by Dr Hywel Davies, Technical Director of CABE

11:20 - 11:45

"Professionals in Built Environment – Constructive Collaboration"
by YBhg. Professor Emerita Datuk Ts. Ir. Dr. Siti Hamisah binti Tapsir, FASc, Presiden of MBOT

11:45 - 12:00

"Driving ESG Impact and Elevating Product Excellence in Malaysian Construction Industry"
by By Ir. Ts. Dr. Hj. Mohd Khairolden Bin Ghani, Senior Manager of CIDB Malaysia

12:00 - 12:30

Presentation by Sponsors

12:30 - 14:30

Panel Discussion

12:30 - 14:30

Lunch Break

14:30 - 14:55

Session 2 - Moderator: Prof. Sr. Ts. Dr. Azlan Bin Ali

14:55 - 15:20

"Fire Safety and what we can learn from the International Legislative perspective"
by HG Tay, Fire Safety Consultant of Institution of Fire Engineering, UK

15:20 - 15:45

"Digitalization in Construction Management: the Present and the AI Driven Future "
by Edwin Jesu Dass, Executive Director of UBBIM

15:45 - 16:00

"Project Management — An Oil & Gas Experience"
by Abraham Klok, Consultant of Pro Consort Consultancy

16:00 - 16:15

Panel Discussion

16:00 - 16:15

Tea Break

16:15 - 16:40

Session 3 - Moderator: Sr. Isacc Sunder Rajan

16:40 - 17:05

"Cost Effective Dispute Resolution in Construction Projects"
by Paul Rose, Chartered Arbitrator, Chartered Surveyor and Accredited Mediator of ArbDB Chambers

17:05 - 17:30

"Construction Arbitration"
by Datuk Sundra Rajoo, President of AiADR

17:30 - 17:50

"Do Dispute Avoidance and Adjudication Boards(DAAB) Work Or Is There A Better Way to Adjudicate Construction Disputes?"
by Karen Gough, Barrister, Arbitrator, Adjudicator & Mediator of Essex 39 Chambers, UK

17:50 - 18:00

Panel Discussion

Closing Address
by Sr. Isacc Sunder Rajan, Chair of CABE Malaysia Chapter

SPEAKERS PROFILE

Sustainability in UK Built Environment



Dr. Hywel Davies
Technical Director,
Chartered Association of
Building Engineers
(CABE)

Hywel Davies is an independent expert in building safety regulation and building performance and Head of Technical Insights at CABE. In recent years his work has focused particularly on Building Regulations and building safety reform, construction product testing, certification and regulation. He has also worked extensively on ventilation and health risks in buildings and on net zero buildings. He has been closely involved in the development of the new building safety regime and its practical implementation, leading the working group that developed the recent CLC guidance on the Golden Thread. Hywel chaired the expert group review of the Approved Documents which contributed to Dame Judith Hackitt's independent review of Building Regulations and Fire Safety, and was a contributor to the Morrell Day review of construction products testing. He is a member of the Building Advisory Committee of the Building Safety Regulator and is closely involved in development of British, European and International standards for digital information management and data exchange, chairing the BSI committee.

Professionals in Built Environment – Constructive Collaboration



**YBhg. Professor Datuk Ts. Ir.
Dr. Siti Hamisah Binti Tapsir**
President,
Malaysia Board of Technologists
(MBOT)

YBhg. Prof. Datuk Ts. Ir. Dr. Siti Hamisah binti Tapsir, FASc., is a distinguished figure in the field of technology and engineering, currently serving as the President of the Malaysia Board of Technologists. With an illustrious career spanning decades, she has made significant contributions to the advancement of technology and professional development in Malaysia. Her expertise and leadership have been instrumental in shaping policies and initiatives aimed at promoting innovation, excellence, and sustainability within the country's technological landscape. As a highly respected figure, she continues to inspire and empower technologists and engineers to excel in their fields. Dr. Siti Hamisah's appointment as President, effective from 17th March 2021, underscores her commitment to driving positive change and fostering growth in Malaysia's technological sector. Dr. Siti Hamisah's career has been marked by her expertise in various areas of technology and her leadership in promoting innovation and professional development within Malaysia. Her extensive knowledge and experience have earned her respect and admiration within the industry and academia. In addition to her professional achievements, Dr. Siti Hamisah has also held prominent positions, such as serving as the President of the Malaysia Board of Technologists. In this role, she plays a pivotal role in shaping policies and initiatives aimed at advancing technology and ensuring the competency of technologists in Malaysia.



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SPEAKERS PROFILE

Driving ESG Impact and Elevating Product Excellence in Malaysian Construction Industry



**Ir. Ts. Dr. Hj. Mohd Khairoiden
Bin Ghani**
Senior Manager,
Construction Industry
Development Board
(CIDB Malaysia)

Ir. Dr. Khairoiden is a Senior Manager at Construction Research Institute of Malaysia (CREAM). Previously he held position at Centre for Built Environment (CBE) and Sustainable Construction Excellence Centre (MAMPAN). He holds his Doctor of Philosophy (Ph.D) in Built Environment from the University of Malaya, Masters in Civil Engineering and B.Eng (Hons) in Civil and Professional Engineer (P. Eng) from Board of Engineers Malaysia (BEM) and Professional Technologist (P.Tech.) from Malaysia Board of Technologist (MBOT). He is also corporate member of The Institution of Engineers Malaysia (IEM) and ASEAN Chartered Professional Engineer (ACPE).

Currently he is an Adjunct Professor at Faculty of Civil Engineering, UTM and Faculty of Engineering, Universiti Malaysia Sarawak (UNIMAS), Industrial Advisor at Vocational College (KV) Setapak KL and Expert Panel of MBOT.

His expertise and specialisation on project management, green building technology, sustainable practices, facility management, construction digitalisation and has been published journal papers and articles.

Fire Safety and what we can learn from the International Legislative perspective



Tay Hao-giang
Fire Safety Consultant,
The Institution of Fire Engineers
(IFE)

Engineer Hao-giang Tay is a highly experienced Fire Engineer with over 30 years of experience. He is the principal fire safety engineering consultant at Fire Safety Engineering Sdn Bhd, where his company conducts fire risk assessments and mitigation for corporate clients for business continuity.

He is heavily involved in various professional organizations, serving as the Past International President and current Trustee and Board of Directors member of the Institution of Fire Engineers.

He also chairs the Technical Committee for Fire Properties of Building Materials in the Department of Standards Malaysia National Standard Committee for Fire Safety (NSC13).

He has authored the "Guide to Fire Protection in Malaysia" and has spoken at multiple international fire conferences, including U.S., U.K., India, U.A.E., Australia, China, and more.

SPEAKERS PROFILE

Digitalization in Construction Management: the Present and the AI-Driven Future



Edwin Jesu Dass
Executive Director,
UBBIM

Edwin Jesu Dass is the Executive Director of UBBIM, a design and build firm with over 20 years of experience in general construction. Over the past five years, he has been actively involved in exploring and implementing digital solutions that enhance construction management and operational efficiency.

He has developed BEENA, a custom construction management platform, along with other tailored digital solutions for advanced operations monitoring in industrial plants. Currently, he is leading the development of an AI-powered end-to-end Construction Quality Index Monitor, aimed at improving quality control and predictive insights in construction projects.

With a strong focus on digital transformation, Edwin Jesu Dass is passionate about integrating emerging technologies such as AI, BIM, and Digital Twin to bridge the gap between traditional construction practices and the future of intelligent, data-driven project management.

Project Management — An Oil & Gas Experience



Abraham Klok
Consultant,
Pro Consort Consultancy

Abraham Klok graduated in 1973 as a Civil Engineer of the Polytechnic of Zwolle (HTS) and in 1980 as a Civil Engineer of Delft University (TH).

He has more than 35 years' experience in the oil and gas industry in design, engineering, construction and project management. The projects were related to offshore pipelines, risers, topside piping on platforms, piping on FPSO and subsea installations located in the North Sea, Persian Gulf, South China Sea, Strait of Malacca, Bay of Bengal and Java Sea.

Onshore projects included landfalls of offshore pipelines, slug catchers, onshore pipelines and piping in the district cooling centre of KLCC. He has worked on the project management teams for international clients such as Total, Shell, Lundin, Talisman, RasGas and on the project management consultancy teams for Petro Vietnam and Brunei Economic Development Board. Engineering designs were performed for international and local consultants such as RJ Brown and Associates, Bechtel, Technip, Pegasus, RNZ, Kvaerner Petrominco.

He worked for the EPC contractor Sapura Acergy on the deepwater development Kikeh and for the contractor TYCO on the district cooling centre of the KLCC project. He performed the functions of project manager, QA/QC manager, project engineer, lead engineer, construction engineer, subsea engineer and client representative. He has participated in aspects of engineering such as feasibility studies, front end engineering design, conceptual and detailed design, procurement, construction, pre-commissioning, operation maintenance and repair.



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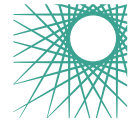
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SPEAKERS PROFILE

Cost Effective Dispute Resolution in Construction Projects



Paul Rose
Arbitrator and Mediator,
Arbitrators, Mediators, & Dispute
Board Members
(ArbDB Chambers)

Paul Rose LL.M BSc FRICS Dip Arb FCI Arb. is a Chartered Arbitrator and a Chartered Surveyor with 52 years' experience of property valuation and dealing with property disputes with private, corporate and local government parties. He has had 99 appointments as sole arbitrator in a variety of cases, though predominantly property orientated; and over 150 appointment as mediator in national and international cases; including \$60 million ICSID case and a \$40 million case in Malaysia.

He holds arbitration panel appointments with the CI Arb, LCIA, SCCA, and the AIAC. He is a member of the mediation panels with SCCA, CI Arb, RICS, and LCIA; and a member of IMI, SIMI, and the LMAA.

He has taught mediation advocacy for the Standing Conference of Mediation Advocates. Paul practices as a member of ArbDB Chambers at the IDRC in Paternoster Lane St. Paul's, London. Paul is a past Chair of the London Branch of the CI Arb. Paul is a keen yachtsman and qualified as an RYA coastal skipper.

Construction Arbitration



Datuk Sunda Rajoo
President,
Asian Institute of Alternative
Dispute Resolution
(AiADR)

Datuk Professor Sunda Rajoo is the President of the Asian Institute of Alternative Dispute Resolution (AIADR) and former Director of the Asian International Arbitration Centre (AIAC) (2010–2018, 2023–2024). A Chartered Arbitrator and Fellow of multiple arbitration institutes, he has presided over 300 international and domestic arbitrations. He was the first full-time arbitrator in Malaysia and has played key roles in legal and dispute resolution advancements.

A qualified lawyer, architect, and town planner, he holds multiple degrees, including an LLB (London) and MSc in Construction Law (LMU). He has served as a professor at institutions across Malaysia, India, and China. Recognized globally, he was awarded the Leading International Arbitrator Award (2023) and contract law reforms. He also played a critical role in Malaysia's Sulu Arbitration Task Force and Brunei's Panglima Jasa Negara (Datuksip). A prolific author, he has written extensively on arbitration and key roles in legal and dispute resolution advancements.

SPEAKERS PROFILE



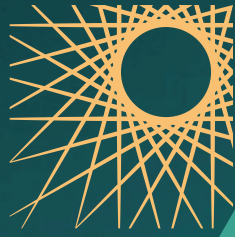
Karen Gough
Barrister, Arbitrator,
Adjudicator, Mediator,
Essex 39 Chambers, UK

Do Dispute Avoidance and Adjudication Boards(DAAB) Work Or Is There A Better Way to Adjudicate Construction Disputes?

Karen Gough is a Barrister in practice at 39 Essex Chambers, London, an Attorney-at-law (Jamaica and Trinidad and Tobago), Chartered Arbitrator and accredited Adjudicator.

Karen practises internationally as counsel, attorney-at-law, arbitrator, adjudicator and ADR neutral. She has specialised, for more than 30 years, in complex construction, engineering, professional negligence and general commercial disputes whether resolved by litigation, arbitration, adjudication or other forms of ADR. She has appeared before the Courts of England and Wales at all levels including the Privy Council. Karen is dual qualified as a practising attorney in the Caribbean, a Chartered Arbitrator, a Certified International ADR Practitioner and is widely recognised as an expert in the resolution of disputes under the FIDIC and NEC forms of contract.

She is a past global President of the Chartered Institute of Arbitrators, an expert advisor on construction, ADR and arbitration matters to the AIAC (Malaysia), IWHAM (Bahamas), and JAIAC (Jamaica), a teaching fellow at the College of Law in Australia, past Vice Chairman of SCL UK, a member of the International Statutory Adjudication Forum of Experts ("ISAF") and Chair of the drafting committee of ISAF's Model Law on Adjudication, and Co-Chair of the ICP of the IPBA.



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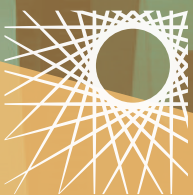


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