

THE CONSTRUCTION INDUSTRY DEVELOPMENT BOARD

25 *years & beyond*

LEMBAGA PEMBANGUNAN INDUSTRI
PEMBINAAN MALAYSIA (CIDB)

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Menerajul Transformasi Pembinaan



Construction is the drudgery
and toil that turns ideas and
designs to reality...

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FOREWORD



Senior Minister of Works Dato' Sri Hj. Fadillah Hj. Yusof

First and foremost, my heartiest congratulations to the management and staff of the Construction Industry Development Board Malaysia (CIDB Malaysia) on its 25th anniversary.

Over the years, CIDB Malaysia has been working tirelessly to stimulate the development, improvement and advancement of the construction industry. Indeed, through CIDB Malaysia's numerous programmes and initiatives, the construction industry has grown significantly as we witness innovation, new experiences and knowledge for the industry to remain competitive and relevant. These included the adoption of the Construction Industry Transformation Programme, Industrialised Building System and Building Information Modelling, amongst others.

However, we must remain mindful of the volatile, uncertain, complex and ambiguous (VUCA) world we live in where unprecedented disruptions are the norm. As a major contributor to the economy, it is crucial for the construction industry to evolve and remain agile in the face of global challenges.

This is aptly demonstrated by the COVID-19 global pandemic which has struck the world since 2020. The global pandemic has forced us to balance between protecting lives and livelihood as we embrace new norms through Standard Operating Procedures (SOP) in the way we operate. I am pleased CIDB Malaysia has boldly taken leadership position in leading the industry through uncharted waters during this time and is confident it will steer us out of this pandemic towards contributing to the recovery of the overall economy of our country.

Finally, I would like to thank the management and staffs of CIDB Malaysia and wish all of you the best in your future endeavours.

■ ■ As a major contributor to the economy, it is crucial for the construction industry to evolve and remain agile in the face of global challenges.




Secretary General Datuk Dr. Syed Omar Sharifuddin Syed Ikhsan

I wish heartfelt congratulations to CIDB Malaysia on its 25th anniversary.

Malaysia, as a developing nation, has realised the pivotal role of the construction sector not only in economic growth but also in improving the quality of life and living standards of the rakyat. Over the last few decades, the construction sector has contributed between 3 to 5 percent of the GDP. Its close links to other sectors create a multiplier effect that significantly impacts the Nation's overall socio-economic development.

In this regard, I would like to record my appreciation to the CEO and CIDB Malaysia's team for their unwavering commitment throughout the years in contributing to the Nation's development. The milestones documented in this book have set the stage for the continued transformation of the industry. This should always be an ongoing process. The business will need to adapt to the constant changes and emerging technologies to remain competitive in the globalised economy. CIDB Malaysia has to be ready to take the lead in the challenging landscape, especially in the post-pandemic era: to further developing a culture of high productivity and quality, safety, sustainability, and integrity as the norm in the construction industry.

Again, thank you to all at CIDB Malaysia, including the editorial team that made this publication a reality.

■ ■ CIDB Malaysia has to be ready to take the lead in the challenging landscape, especially in the post-pandemic era: to further developing a culture of high productivity and quality, safety, sustainability, and integrity as the norm in the construction industry.





Chairman CIDB Malaysia Tuan Ir. Hj. Yusuf Hj. Abd. Wahab

Heartiest congratulations to CIDB Malaysia for celebrating its 25th year.

CIDB Malaysia's mandate is to build the capacity and capability of the construction industry through quality and productivity improvement with an emphasis on professionalism, innovation and knowledge. The goal is to build up the construction industry into one that is globally recognised and competitive. Numerous ambitious programmes were initiated over the years, adding to the arsenal of game-changing tools and resources available to the construction industry in Malaysia.

Truly, CIDB Malaysia's contribution to the Malaysian construction industry has been significant as could be seen in the recently tabled Construction Industry Transformation Programme 2016-2020 (CITP) report card. The report showed that the ambitious 5-year programme had resulted in significant positive changes across the CITP's four strategic thrusts, namely Quality, Safety and Professionalism; Environmental Sustainability; Productivity; and Internationalisation & Competitiveness.

I wish to commend all staff and management of CIDB Malaysia for upholding CIDB Malaysia's mandate and carrying out your duties diligently in these past years. Congratulations on CIDB Malaysia's first 25 years and here's to 25 more years of construction excellence.

■ ■ CIDB Malaysia's mandate is to build the capacity and capability of the construction industry through quality and productivity improvement with an emphasis on professionalism, innovation and knowledge. ■ ■



Chief Executive CIDB Malaysia Datuk Ir. Ahmad 'Asri Abdul Hamid

Throughout the 25 years of being established, CIDB Malaysia will not be where it is today without the dedicated leaders and team members who were committed in their service to the organisation and also to the construction industry stakeholders. CIDB Malaysia has a formidable team of only 1,000 strong but we are entrusted with the humongous and significant task of regulating the industry, facilitating it and establishing programmes towards construction industry development and transformation.

Over the years, CIDB Malaysia through consultations with construction industry stakeholders has produced numerous strategic plans, namely The Construction Industry Master Plan, the IBS Roadmap and the very recent Construction Industry Transformation Programme (CITP) 2016-2020 -- which concluded as CIDB Malaysia is commemorating its 25 years of establishment. I am honoured to serve as the Chief Executive and led CIDB Malaysia and the industry towards achieving the strategic objectives of the CITP. I am also proud that the CITP report card shows a success rate of over 90% across its four strategic thrusts.

As we carry on to the next chapter, CIDB Malaysia will continue to work towards enhancing and solidifying its leadership position so that it can continue its responsibility to ensure the sustainability of the construction industry. Ultimately, our vision is to instil a future-proof culture within the Malaysian construction industry and elevate it into one that is more competitive, productive and resilient.

Here's looking at the next 25 years of spearheading construction industry success!

■ ■ Our vision is to instil a future-proof culture within the Malaysian construction industry and elevate it into one that is more competitive, productive and resilient. ■ ■



YEAR 1994

7 JULY

The Construction Industry Development Board Act (Act 520) gazetted by parliament. The Act mandated the establishment of CIDB Malaysia and spelt out its roles, functions and powers.

16 DECEMBER

The establishment of CIDB Malaysia officially launched by the Minister of Works, Tan Sri Leo Moggie. Tan Sri Dato' Ir. (Dr.) Wan Abdul Rahman Hj. Wan Yaacob appointed the first Chairman and Datuk Prof. Hj. Abdul Rahman Abdullah the first Chief Executive.

YEAR 1995

MID 1995

CIDB Malaysia started operations in PWTC.

20 JULY

Mandatory for all contractors, both local and foreign, to register with the CIDB Malaysia before undertaking any construction work.

15 SEPTEMBER

Contractor Registration started.

YEAR 1996

JULY

Levy started to be imposed and collected, for all works contracts valued at more than RM500,000 at 0.25% of value of contract.

10-13 SEPTEMBER

The first construction industry exhibition MALBEX 96, co-located with Asian Stone 96 was organised by CIDB Malaysia and Reed Exhibition Malaysia Sdn. Bhd.. It was held at PWTC.

YEAR 1997

20 JANUARY

CIDB Holdings Sdn. Bhd. (CIDBH) was established as a fully owned subsidiary of CIDB Malaysia. Its function is to undertake workforce training and skills Programme, as well as spearhead international missions.

22 APRIL

CIDB Malaysia appointed as a standard writing organisation (SWO) by SIRIM.

24-28 JUNE

CIDB Malaysia led investment mission to Turkey and Bosnia. This is the first international mission led by CIDB Malaysia to secure construction projects overseas.

2 JULY

MBI Ventures established by CIDBH and local construction companies to undertake projects in Bosnia Herzegovina.

AUGUST

The Registration of Construction Workers was opened as a regulatory requirement. The registration comes with a Takaful scheme to provide coverage upon death and permanent disability.

DURING 1997

The first *Akademi Binaan Malaysia* (ABM) was established in Kuala Lumpur.

1 AUGUST

Three CIDB Malaysia regional offices established, CIDB Malaysia Southern Region, CIDB Malaysia Eastern Region, and CIDB Malaysia Sabah Region.

11 OCTOBER

The first Excellent Service Awards conferred to recognised high performers in CIDB Malaysia.

11 NOVEMBER

CIDB Malaysia first Takaful protection benefit handed over to worker's beneficiary in Alor Setar.

YEAR 1998

JANUARY

CIDB News was first published to disseminate updated information in CIDB Malaysia events.



1 MAY

CIDB Malaysia entrusted by the Home Ministry to process and recommend employment passes for expatriates for the construction sector.

END OF 1998

The Home Ministry appointed CIDB Malaysia to be a part of the Technical Committee evaluating application by contractors to engage foreign workers.

YEAR 1999

MIDDLE OF 1999

CIDB Malaysia started promotion of Industrialised Building System (IBS) for a safer, healthier, better quality, highly efficient and more sustainable construction.

MIDDLE OF 1999

Do-It-Yourself (DIY) ISO 9000 scheme introduced by CIDB Malaysia for contractors.

1-4 SEPTEMBER

First International Construction Week (ICW) to showcase technology, products and achievement of Malaysian construction organised in partnership with a private company.

16 JULY

CIDB Malaysia became one of the earliest government agencies to be awarded the prestigious ISO 9002 by SIRIM QAS.

31 DECEMBER

CIDB Malaysia first published the Construction Industry Standard Catalogue comprising of 500 standards for reference by the industry.

YEAR 2000

The National Occupational Skills Standard (NOSS) for construction industry initiated by CIDB Malaysia with 12 NOSS developed.

The inaugural Malaysian Construction Industry Excellence Award (MCIEA) introduced to recognise individual and company's excellent performance in construction.



13 SEPTEMBER

CIDB Malaysia Standard Form of Building Contract introduced.

Safety & Health Induction Course introduced for all new construction personnel registered with CIDB Malaysia.

The CIDB Malaysia Green Card was introduced.



SEPTEMBER

The CIDB Malaysia IBS Centre was officially launched during the International Construction Week (ICW 2000).

YEAR 2001

21 FEBRUARY

CIDB Malaysia E-Construct Services Sdn. Bhd. was established.

YEAR 2002

All six *Akademi Binaan Malaysia* fully operational.

DIY ISO OHSAS 18000 for contractors initiated by CIDB Malaysia.

YEAR 2003

Datuk Prof. Hj. Abdul Rahman Abdullah appointed as the second Chairman of CIDB Malaysia.

Datuk Ir. Hamzah Hasan appointed as the second Chief Executive of CIDB Malaysia.

21 MAY

The government announced reduction in the percentage of levy imposed from 0.25% to 0.125%, to stimulate growth in the construction industry after a period of economic downturn.

19 JUNE

The CIDB Malaysia mandated to verify compliance to Malaysian Standards (MS) for importation of selected building materials, under the Customs (Prohibition of Imports).

1 OCTOBER

IBS Roadmap (2003-2010) endorsed by Cabinet charting the way for an enhanced national implementation of IBS.

The Construction Labour Exchange Centre (CLAB), a company limited by guarantee established to bring in and redistribute foreign construction workers for companies or organisation in Malaysia.

YEAR 2004

8 MARCH

The Malaysian Construction Exporters Club (MCEC) established to strengthen efforts to promote and draw strategies for enhancement of construction services overseas.

26 MARCH

The Construction Research Institute of Malaysia (CREAM) established to facilitate and undertake construction research programmes.

The Malaysian Building Material Cost Index and Average Prices of Building Material published.

YEAR 2005

The IBS Content Scoring System published.

JOURNEY THROUGH TIME

YEAR 2006

Tan Sri Dato' (Dr.) Ir. Jamilus Hussein appointed as the third Chairman of CIDB Malaysia.

2 AUGUST

The Master Plan for Occupational Safety & Health in Construction Industry approved by Cabinet.

Quality Assessment System in Construction (QLASSIC) introduced based on Construction Industry Standard CIS 7: 2006.



Construction Industry Directory 2006-2007, a source of information for services and construction material providers published.

Country Reports and Business Guidelines for the following countries were prepared; Indonesia, Pakistan, Oman, Kuwait, Sudan, Bangladesh, Syria, Vietnam, Morocco, Kenya and South Africa.

International Projects Database was published.

DECEMBER

The first IBS Coffee Table Book detailing IBS projects from 2003 to 2006 published.

YEAR 2007

JULY

Labour and Costruction Machine Operator Wages daily rate published.

10 DECEMBER

The Construction Industry Master Plan (CIMP) 2006 - 2015, launched by the then Deputy Prime Minister, Dato' Sri Mohd. Najib Tun Abdul Razak.

YEAR 2008

1 JANUARY

All new contractors registered with CIDB Malaysia were mandated to attend a one-day Integrity Seminar, and abide by the Contractor Code of Ethics.

JANUARY

The Machinery Rental Rate and Construction Equipment Selling Price published.

Implementation of Continuous Contractor Development (CCD) Programme which introduced a point system as a mandatory requirement for contractors' renewal.

31 OCTOBER

The government issued Treasury Circular SPP 7/2008 mandating all government projects costing more than RM10 million to adopt IBS with IBS content of not less than 70%.

END OF 2008

SCORE, a tool to assess capability and capacity of contractors was introduced by CIDB Malaysia and SMIDEC (now SME Corp).

YEAR 2009

23 MARCH

The National e-Tendering Initiatives (NeTI), an IT-based project information and procurement system launched.

YEAR 2010

Regional Construction Week - Northern Region.

MoU Signing between Government of Malaysia & India on highway development in India.

YEAR 2011

1 JANUARY

Datuk Ir. Hamzah Hasan appointed as the fourth Chairman of CIDB Malaysia.

The second IBS Roadmap (2011-2015) launched.

15 SEPTEMBER

Act 520 (Amendment 2011) gazetted by Parliament.

AUGUST

Dato' Sri Ir. Dr. Judin Abdul Karim appointed as the third Chief Executive of CIDB Malaysia.

30 NOVEMBER

Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) launched.

YEAR 2012

22 JUNE

The Construction Industry Payment and Adjudication Act (CIPAA) was gazetted by parliament.

15 OCTOBER

One Registration of Contractors (IROC) was officially implemented, making CIDB Malaysia the sole agency for registration of all contractors.



YEAR 2013

14 FEBRUARY

CIDB Malaysia signed the Corporate Integrity pledge with Malaysian Anti-Corruption Commission (MACC).

1 APRIL

The Specialist Construction Courts Kuala Lumpur and Shah Alam started their operations.

APRIL

Registration for specialist renovation contractor (CNAR) opened.

9 SEPTEMBER

The "Felo Pembinaan" Apprenticeship Programme for Bumiputera was launched in collaboration with TERAJU (Unit Peneraju Agenda Bumiputra).

25 NOVEMBER

The launch of The Build Brigade, a platform for CIDB Malaysia, subsidiaries and industry to participate in corporate social responsibility projects which will benefit communities in need.

YEAR 2014

16 FEBRUARY

Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM appointed as the fifth CIDB Malaysia Chairman.

24 MARCH

The CIDB Malaysia signed an MoU with *Badan Pembinaan Konstruksi Indonesia* on training and accreditation of Indonesian construction personnel.

14 APRIL

The Construction Courts officially launched by Chief Justice Tun Arifin Zakaria.

15 APRIL

The Construction Industry Payment and Adjudication Act (CIPAA) approved for implementation by Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof.

22 September

First International BIM Day 2014 held.

16 OCTOBER

The CIDB Malaysia Mobile Apps created and emerged champion in the Ministry of Works Innovation Award 2014 in the ICT category.



30 OCTOBER

The CIDB Malaysia launched a new logo for QLASSIC to mark a new era in promoting quality in construction.

For the first time, top QLASSIC scorers were recognised.

In the same event, various top developers and contractors as well as the Kuala Lumpur City Council signed an MoU on the usage of QLASSIC for their projects.

DECEMBER

A Programme for evaluation of green building assessment called the Malaysian Carbon Reduction and Environmental Sustainability Tool (MyCREST) developed.

National Construction Cost Centre (N3C), a repository for information on cost of key construction resources is made available online.

YEAR 2015

2 FEBRUARY

CIDB Malaysia awarded Gamuda Berhad for achieving the first ever 5-star rating for SCORE.

16 MARCH

The launch of CIDB Malaysia and Bayer Joint Initiative for Affordable Housing Solution In Malaysia at CIDB Malaysia IBS Centre - the Bayer PIR (polyisocyanurate) House built at IBS Centre.

1 JUNE

Act 520 (Amendment 2011) approved for implementation by Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof.

13 AUGUST

CIDB News relaunched as Heights, a progressive construction industry magazine covering trends and achievements in the industry.



3 SEPTEMBER

All agencies under the Ministry of Works signed a pledge of support for the Construction Industry Transformation Programme (CITP). They included: the Public Works Department, the Malaysian Highway Authority, and the Boards of Engineers, Architects and Quantity Surveyors.

10 SEPTEMBER

Construction Industry Transformation Programme (CITP), was launched by Prime Minister Dato' Sri Mohd. Najib Tun Abdul Razak, during the Opening Ceremony of International Construction Week (ICW) 2015 at the Putra World Trade Centre (PWTC).

26 OCTOBER

24 industry players and stakeholders signed a pledge of support for CITP witnessed by the Minister of Works.

12 NOVEMBER

The Arena of Youth: "My City in 2050" was launched to garner youth participation in envisioning the future of construction.

20 NOVEMBER

CIDB Malaysia organised the 20th Anniversary Gala Dinner, the first time it celebrated its anniversary.



65 construction industry players recognised as CIDB Malaysia Fellows for their contribution towards the industry.

YEAR 2016

1 MARCH

Appointment of Datuk Ir. Ahmad 'Asri Abdul Hamid as the fourth Chief Executive of CIDB Malaysia.

14 APRIL

'Incredible India' Seminar at ICW 2016 - presented opportunities for Malaysian investors and the business community to get involved in development projects in India.

12 MAY

MyCREST launched - a green rating tool that aims to measure and reduce carbon emissions and environmental implications, from the pre-design phase to sustainable waste management.

23 MAY

CIDB Malaysia and DOSH collaborate to enhance safety; aimed to produce a more cohesive action to elevate the construction industry safety standards to a higher level.

26 MAY

CITP Committees established involving 228 Industry Leaders entrusted to steer and monitor the implementation of the 18 initiatives under the four strategic thrusts of the CITP.

31 MAY

QLASSIC DAY 2016 held to recognise industry players who had shown their commitment in producing high quality workmanship through achieving high QLASSIC scores.

5 AUGUST

CIDB Malaysia and MIDA signed an MoU to promote IBS.

6 SEPTEMBER

Centre of Excellence on Peat Soils (CoPS) established.

SEPTEMBER

CIDB Malaysia Construction Media Awards 2016 goes nationwide.

SEPTEMBER

MCIEA 2016: CIDB Malaysia introduced two new individual awards - the CEO of the Year Award and the Construction Leading Lady Award.

18 October

Introduction of Apprenticeship Programmes for youths to gain real training experience with companies that have experience implementing large-scale construction projects.

YEAR 2017

JANUARY

D3 - Divergent Dwelling Design was developed for Affordable and Sustainable Housing.

15 MAY

CIDB Malaysia launched #SKILLSPower Campaign aimed to attract young Malaysians to join the construction sector.

10 APRIL

ICW 2017 with the theme: Quality and Safety Transformation in the Construction Industry.

30 APRIL

CIDB Malaysia introduced CIDB TV.



4 JULY

CIDB Malaysia launched CIMS towards a fast, efficient and transparent services.

24 OCTOBER

'Malaysia's Construction Marvel in 60 Years of Merdeka' Coffee Table Book published.



14 NOVEMBER

CLAB became a wholly-owned CIDB Malaysia subsidiary.

20 NOVEMBER

CIDB Malaysia launched Malaysia's first one-stop myBIM Centre.

CIDB myBIM Centre and Satellites established.

YEAR 2018

27 FEBRUARY

CIDB Malaysia and IRDA partnership in accelerating productivity and sustainability.

19 MARCH

Intervarsity BIM Marathon 2018 held aimed to promote the methods and concepts of BIM to students in the field of engineering and construction.

26 MARCH

The Inaugural International Construction Transformation Conference (ICTC) held in conjunction with ICW 2018; to gather regional and international experts in construction to share best practices and latest technologies.

16 APRIL

CIDBH new test laboratory opened in Shah Alam.

27 APRIL

The CIDB Sarawak Convention Centre began operations for the industry.

8 OCTOBER

23rd Asia Construct Conference organised by CIDB Malaysia was held in Kuching, Sarawak.

24 OCTOBER

CIDB Malaysia signed an MoU with the Penang Development Corporation (PDC) to promote Quality, Safety & Health.

2 NOVEMBER

CIDB Fellowship Awards 2018 - honouring 46 outstanding individuals. A special publication titled CIDB Fellows marked the momentous occasion.

26 NOVEMBER

Akademi Binaan Malaysia received 6 recognitions at WorldSkills Asia 2018.



YEAR 2019

8 JANUARY

MSCESMM MS2701:2018 launched to significantly reduce or eliminate discrepancies and ambiguities in the Bill of Quantities.

JANUARY

CREAM acquired High-Tech Testing Equipment to exponentially expand range of services for the construction research sector.

17 JANUARY

IBS Impact and IBS SCORE 2019 Programme launched providing Verification, Validation, Testing and Certification of IBS products and components.

18 MARCH

The International Construction Transformation Conference (ICTC) held at MITEC, Kuala Lumpur.

19 MARCH

Sustainable INFRASTAR launched to measure sustainable elements in the design, construction and operation of infrastructure projects during ICW 2019.

The ASEAN Super 8, a leading trade fair in the ASEAN region, became a part of ICW.

11 MAY

National Housing Standard (CIS 26:2019) launched as part of the National Affordable Housing Policy.

1 JULY

CIDBH trained 28 overseas participants under the Malaysian Technical Cooperation Programme (MTCP) 2019.

5 JULY

ABM Sandakan opening ceremony.

21 SEPTEMBER

Launch of CIDB Malaysia *Jelajah TVET Pembinaan* to attract more youths in rural areas to explore a career in construction.

7 NOVEMBER

Apprenticeship Programme Collaboration between ABM, Petronas & PACs to encourage local youth to take up careers in the oil and gas sector.

21 NOVEMBER

CIDB Malaysia and RISM collaborate to introduce BCISM; providing comprehensive construction-related data for industry reference.

22 NOVEMBER

CIDB Malaysia won two industry recognition awards at the Malaysian PR Awards (MPRA) 2019.



YEAR 2020

13 JANUARY

CIDBTech established to streamline and focus as a training and skills competency assessment centre.

10 FEBRUARY

The LRT3 Project, the first to achieve a 5-Star Rating for INFRASTAR.

13 FEBRUARY

CIDB Malaysia awarded the Anti-Bribery Management Systems (ABMS) certificate.

17 FEBRUARY

Appointment of Dato' Ir. Dr. Hj. Meor Abdul Aziz Hj. Othman as the sixth Chairman.

18 FEBRUARY

Launching of the CONVINCe Portal by the Senior Minister of Works.

25 FEBRUARY

40 contractors honoured in CIDB Malaysia's first SHASSIC DAY.

CIS 27:2019 launched, detailing the Occupational Safety and Health (OSH) requirements, and the necessity of placing the OSH implementation cost in construction projects.

18 MARCH

The impact of COVID-19 MCO on the construction industry published.



15 APRIL

CIDB Malaysia stepped up advisory and enforcement roles during COVID-19 MCO.

1 MAY

Appointment of Tuan Ir. Hj. Yusuf Hj. Abd. Wahab as the seventh Chairman of CIDB Malaysia.

7 MAY

CIDB *Prihatin* Packages launched to help alleviate the financial burden faced by most contractors during the COVID-19 pandemic.

19 JUNE

CIDB Malaysia DeLIGHT Homes handbook published to promote the use of modern technology in affordable housing projects; namely IBS and BIM to achieve build efficiency, better quality and affordability.

5 JULY

CIDB Malaysia and SOCSO organised centralised free COVID-19 test.

11 AUGUST

CIDB Malaysia and SOCSO signed an MoU on Enhancing Training Opportunities and Job Placements.

17 NOVEMBER

Construction Revolution 4.0 launched - A 5-year Construction Industry Strategic Plan.

ICW 2020 held virtually for the first time during the COVID-19 pandemic.

19 DECEMBER

CIDB Careline won the Gold Medal for Best New Contact Centre Category at the Contact Centre Association of Malaysia (CCAM) Awards 2020.

Industry Head's Virtual Engagement Session organised to address pandemic challenges in the construction industry.

31 DECEMBER

CIDB Malaysia at 25 Years and Growing - serving the industry with 20 offices and branches nationwide.



CHAIRMEN THROUGH THE YEARS

**Tan Sri Dato' Ir. (Dr.)
Wan Abdul Rahman
Hj. Wan Yaacob**
(1995 - 2002)

1



3

**Tan Sri Dato' (Dr.) Ir.
Jamilus Hussein**
(2006 - 2010)



**Tan Sri Dr. Ir. Ahmad
Tajuddin Ali FASc.,
FIEM**
(2014 - 2020)

5



7

**Tuan Ir. Hj. Yusuf Hj.
Abd. Wahab**
(1 Mei 2020 - Present)



**Datuk Prof. Hj.
Abdul Rahman
Abdullah**
(2003 - 2005)

2



4

**Datuk Ir. Hamzah
Hasan**
(2011 - 2014)



**Dato' Ir. Dr. Hj. Meor Abdul
Aziz Hj. Othman**
(17 Feb 2020 - 30 April 2020)

6

CEOS THROUGH THE YEARS

**Datuk Prof. Hj.
Abdul Rahman
Abdullah**
(1995 - 2002)

1



3

**Dato' Sri Ir. Dr. Judin
Abdul Karim**
(2011 - Dec 2015)



2



**Datuk Ir. Hamzah
Hasan**
(2003 - 2010)

4



**Datuk Ir. Ahmad 'Asri
Abdul Hamid**
(1 Mar 2016 - Present)

**CIDB
MALAYSIA**

1995 - 2000

The Challenging Initial Years



SATU HATI SATU CIDB

*Bersama kita mendokong
Wawasan CIDB Malaysia
Daya saing globalisasi
Dalam industri pembinaan*

*Bersama kita tumpukan
Satu tujuan untuk Negara
Apa jua kita lakukan
Kita lakukan bersama*

*Kami rela
Rela berkorban apa saja
Kami yakin
Yakin pasti berjaya*

*Bersama lah kita junjung
Cita-cita indah murni
Satu hati satu CIDB Malaysia
Tiap masa di mana-mana*

CIDB Malaysia pasti berjaya....



The Challenging Initial Years 1995 - 2000



A Custodian Emerges for the Construction Industry



Never in the history of nation building has so much responsibility been placed on so few shoulders to bring changes to an industry that has refused to change for decades.

”
(Anon 1995)

25 years ago, 14 civil servants pioneered the entity that took the challenge of regulating an industry that was growing rapidly without a structured framework on its development.

This is the story of how CIDB Malaysia, which started off with just 14 staff, journeyed into the unknown, charting the development of an industry which is the backbone for the nation's economic growth and development.

CIDB MALAYSIA: THE WHY

In 1991, the then Prime Minister, Tun Dr. Mahathir Mohamad introduced Vision 2020 while tabling the 6th MP. Among the goals of Vision 2020 was to establish a prosperous society with an economy that is fully competitive, dynamic, robust and resilient in achieving a developed nation status by 2020.

Vision 2020's announcement ignited rapid physical development in the country. So much needed to be built fast: infrastructure, buildings and facilities. These caused the demand for materials, finances and professional services to soar. This period of peak construction demand brought to light the fact that the country sorely lacked the skilled manpower needed in construction.

In addition, recurring failures, misconstruction incidents and non-delivery of construction projects caused grave concern. At that time, the construction industry remained largely unregulated. There was a requirement for contractors to be registered with *Pusat Khidmat Kontraktor* (PKK), in order to undertake the public sector works. However, any registered company could undertake private projects.

Therefore, the government established a Working Committee on Construction Sector under the Cabinet Committee on Training and Employment. This committee proposed the establishment of a special body to coordinate all construction activities.

Two years later, in April 1993, a defining dialogue was held between the Ministry of International Trade & Industry and the construction industry. The dialogue concluded with a strong recommendation for the setting up of this special body. In that same year, SIRIM carried out a research under the Asean-EC Industry Standards and Quality projects. The outcome of the research was an endorsement for the immediate setting up of a national body which will coordinate the activities (including research) of the construction industry and increase its competitiveness.

It was against this background and the desire to see a safer and healthier industry that the Cabinet Committee on Training and Employment finally decided that a statutory body to spearhead the development of the construction industry must be established. That was in late 1994 and the rest, like they say, is history.



Ministry of Works Secretary General Dato' Hj. Yahya Yaacob presenting a momento to Minister of Works, Tan Sri Datuk Amar Dr. Leo Moggie after he launched the establishment of Construction Industry Development Board (CIDB Malaysia) on the 16 December 1994.



The first CIDB Malaysia Chief Executive, Datuk Prof. Hj. Abdul Rahman Abdullah, exchanging MoU documents with Director General of SIRIM, Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM. The MoU is on the appointment of CIDB Malaysia as a standard writing organisation (SWO) by SIRIM. The ceremony was witnessed by Minister of Works, Tun S. Samy Vellu.

THE BIRTH OF CIDB MALAYSIA

The Construction Industry Development Board of Malaysia (CIDB Malaysia) is a federal statutory body established under an Act of Parliament, the Construction Industry Development Board Act or Act 520. The Act was gazetted on July 1994 and five months later, on 16 Dec 1994, the Minister of Works, Tan Sri Datuk Amar Dr. Leo Moggie, officially launched CIDB Malaysia.

To help CIDB Malaysia gain secure footing, the government provided a RM7.5 million launching grant and a RM7.5 million loan to the new entity to implement industry development Programme and to sustain its own operations, CIDB Malaysia was also given the mandate to generate revenue through the collection of levies and contractors' registration fees, amongst others.

Apart from the Chief Executive, Datuk Prof. Hj. Abdul Rahman Abdullah, four pioneering officers, Puan Noor Ashikin Dato' Khalid, Tn. Hj. Abdul Shahr Abdul Karim, Puan Rohani Kendut and Sr Sariah Abd Karib were brought in from the Public Works Department (PWD).

We are entering into an era of continued growth as we position ourselves into the new millennium when we become an industrialised nation with not only manufactured goods to export but also skills and expertise to sell overseas. In order to fulfill this aspiration the construction industry needs to be guided, nurtured and developed to attain the required quality and ingredient.

Tan Sri Datuk Amar Dr. Leo Moggie, Minister of Works, at the launching ceremony to mark the establishment of the CIDB Malaysia, 16 December 1994.



Tan Sri Datuk Amar Dr. Leo Moggie at the CIDB Malaysia launch ceremony.



CIDB MALAYSIA MAKES THE HEADLINES



CIDB bantu tingkat kesedaran pekerja

[illegible]

One of CIBD Malaysia's first tasks is to create awareness and to enhance understanding of its establishment and functions through seminars and workshops. It's effort had won a significant amount of media coverage since the early days.

EVOLUTION OF THE LOGO

The CIDB Malaysia logo symbolises its aspiration to build the capacity and capability of the Construction Industry through strong emphasis on professionalism, innovation and knowledge. The illustration of a bridge, embedded in the logo describes the vital role played by CIDB Malaysia in filling up the gap in the industry in terms of regulation and development. Over the years, the colours of the logo have been reduced from three colours to one colour -Teal. The colour of the logo carries a meaning of growth and renewal, productivity and safety, as well as prosperity.

1996

2002

2005



WHERE IT ALL BEGAN

CIDB Malaysia started its operations in mid-1995 in a cramp small office in the Putra World Trade Centre (PWTC) that could accommodate about 14 staff initially. The number of staff slowly increased to take on the tasks of regulating the construction industry.

As such, CIDB Malaysia needed to move to larger premises to also make room for exhibition purposes. They moved to the *Kompleks Airtel*, near the Sultan Abdul Aziz Shah Airport in Subang in October 1999 where ample space was available to house the operations as well as the exhibits for the construction industry. However, the airport had plans to expand and this necessitated CIDB Malaysia to find a new home. The Headquarters was next moved to the Grand Seasons Avenue in Jalan Pahang in August 2000. CIDB Malaysia finally moved back to PWTC in 2013 up until now.

Since CIDB Malaysia serves the whole nation, it needed to set up offices and branches nationwide in order to ease its operations and extend its reach to all stakeholders. For the past 25 years, CIDB Malaysia had grown steadily – regulating the Malaysian construction industry and spearheading construction technology, research and development in Malaysia.

The CIDB Malaysia state offices and branches, and their establishment dates, are listed below as at 31 December 2020.

<div>CIDB Malaysia Head Office</div> <div>16 December 1994</div>	<div>CIDB Malaysia Sabah</div> <div>1 July 1997</div>	<div>CIDB Malaysia Johor</div> <div>19 July 1997</div>	<div>CIDB Malaysia Terengganu</div> <div>19 July 1997</div>
<div>CIDB Malaysia Sarawak</div> <div>1 March 1998</div>	<div>CIDB Malaysia Kedah</div> <div>16 August 1998</div>	<div>CIDB Malaysia Tawau Branch</div> <div>1 June 2002</div>	<div>CIDB Malaysia Miri Branch</div> <div>5 June 2002</div>
<div>CIDB Malaysia Kelantan</div> <div>1 October 2002</div>	<div>CIDB Malaysia Pulau Pinang</div> <div>2 January 2003</div>	<div>CIDB Malaysia Perak</div> <div>2 January 2003</div>	<div>CIDB Malaysia Pahang</div> <div>15 July 2004</div>
<div>CIDB Malaysia Wilayah Persekutuan Kuala Lumpur</div> <div>1 December 2007</div>	<div>CIDB Malaysia Melaka</div> <div>2 January 2008</div>	<div>CIDB Malaysia Selangor</div> <div>21 April 2011</div>	<div>CIDB Malaysia Negeri Sembilan</div> <div>15 December 2014</div>
<div>CIDB Malaysia Perlis</div> <div>1 June 2014</div>	<div>CIDB Malaysia Bintulu Branch</div> <div>29 January 2016</div>	<div>CIDB Malaysia Sandakan Branch</div> <div>25 April 2016</div>	<div>CIDB Malaysia Sibu Branch</div> <div>1 February 2019</div>

CIDB to set up offices in Sabah and Sarawak

KOTA KINABALU, Mon. — The Construction Industry Development Board Malaysia will be setting up a branch office in Sabah in May on the ground floor of the Employees' Provident Fund building here.

"Another branch office in Sarawak will be set up in June pending the outcome on the choice of location," said CIDB chief executive Datuk Abdul Rahman Abdullah.

He was speaking to reporters after the BIMP-EA-GA's fourth working group meeting on "Construction and Construction Materials" was launched by Sabah Communication and Works Minister Datuk Dayang Mahani Tun Pengiran Ahmad Raffae.

Abdul Rahman said the board had received 60,000 registration applications from contractors.

He said most of the applications were received after the July deadline last year because the contractors were not aware of the new Act which required them to register with the CIDB.

"Building contractors undertaking construction work are given two weeks to register with the agency if they have not done so," Abdul Rahman said stern action would be taken against construction contractors including of fines up to RM50,000 or RM500 a day if found guilty of deliberately violating the CIDB Act 1994.

He said at the moment, CIDB preferred to give advice and information to all construction contractors in the country.

He said implementation of the CIDB Act had been fully enforced in Peninsular Malaysia.

In order to reach out to more industry players, CIDB Malaysia gradually extended its reach to all states throughout the country. CIDB Malaysia opened offices in Kota Kinabalu and Tawau in Sabah and Kuching and Miri in Sarawak.



CIDB Malaysia Sarawak



CIDB Malaysia Johor



CIDB Malaysia Sabah



CIDB Malaysia Sandakan Branch



CIDB Malaysia Tawau Branch



CIDB Malaysia Negeri Sembilan



CIDB Malaysia Melaka



CIDB Malaysia Perlis

THE VISIONARIES

The mission of CIDB Malaysia is to develop the construction industry for global competitiveness and to promote the construction industry to be one of the major contributing sectors for the national economy.

The management team that led CIDB Malaysia in the early stages of CIDB Malaysia's formation comprised of just eight people who shared the vision of the first Chief Executive, Datuk Prof. Hj. Abdul Rahman Abdullah, for an industry that could be developed to be one of the best in the country. All eight individuals, who were either Quantity Surveyors or Civil Engineers, except for Tn. Hj. Abdul Shahr, who was an Architect by profession, were drawn from the Public Work Department (PWD) and each brought with them their respective experience and expertise; Datuk Prof. Hj. Abdul Rahman himself was the head of the Quantity Surveying Branch in the PWD, the highest any Quantity Surveyor could aspire in the government service at that time.

25 years have gone by since these pioneers set the vision to make CIDB Malaysia what it is today – a highly functional, successful and respected regulatory body for the Malaysian Construction Industry. A call for salute and deep appreciation goes out for these eight outstanding individuals; in successfully making the vision of CIDB Malaysia into a reality.

CHIEF EXECUTIVE

Datuk Prof. Hj. Abdul Rahman Abdullah

GENERAL MANAGERS

Puan Noor Aishikin Dato' Khalid
Tn. Hj. Abdul Shahr Abdul Karim
Puan Rohani Kendut

SENIOR MANAGERS

Ir. Azhar Abu Samah
Ir. Mohd Hassan Mohammed
Khairudin Abd Rashid
Sr Sariah Abd Karib

THE PIONEER MANAGEMENT TEAM



The pioneer management of CIDB Malaysia. (The missing picture is of Khairuddin Abdul Rashid, whose picture was unfortunately not captured in the 1995 and following years' Annual Report).

The following were the pioneering Board Members for CIDB Malaysia. Tan Sri Dato' Ir. (Dr.) Wan Abdul Rahman Hj. Wan Yaacob who retired as Director General of the PWD in 1966 was entrusted to lead the Board. He brought with him his vast experience in construction, having served PWD for more than 32 years.

CHAIRMAN

Tan Sri Dato' Ir. (Dr.) Wan Abdul Rahman Hj. Wan Yaacob

MEMBERS

Dato' Hj. Yahya Yaacob
Secretary General, Ministry of Works

Dato' Hj. Umar Abu
Secretary General, Ministry of Housing and Local Government

Dato' Hj. Dr. Ahmad Tajuddin Ali
Director General, SIRIM

En. Zainol Abidin Abd Rashid
Director General, Department of Human Resource

Dato' Hj. Esa Mohamad
Arkitek Jururancang Sdn. Bhd.

Dr. Mustapha Yusoff
Projass Engineering Sdn. Bhd.

Ir. Goh Chye Keat
IJM Engineering and Consultancy Bhd.

Dr. Bernard T.H. Wang
ACRO Building Consultancy

Dato' Ir. Sonny Cheah Lai Chin
Landmark Limited

Dato' Tan Seng Leong
Kemajuan Buditama Sdn. Bhd.

It is also interesting to note that one of the Pioneer Board Members, Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM had returned to the Board as Chairman of CIDB Malaysia, almost 20 years later from 2014 - 2020.



THE PIONEER BOARD MEMBERS





CONSTRUCTION INDUSTRY DEVELOPMENT BOARD MALAYSIA 1994 (ACT 520)



The Act 520 was gazetted to establish the *Lembaga Pembangunan Industri Pembinaan Malaysia* and provide for its functions as a custodian of the construction industry.

One of the pivotal part of the Act is it in its definition of construction works, which covers the construction, extension, installation, repair, maintenance, renewal, removal, renovation, alteration, dismantling, or demolition of;

- a. building, erection, edifice, structure, wall, fence or chimney, whether constructed wholly or partly, above or below ground level;
- b. any road, harbour works, railway, cableway, canal or aerodrome;
- c. any drainage, irrigation or river control works;
- d. any electrical, mechanical, water, gas, petrochemical or telecommunication works; or
- e. any bridge, viaduct, dam, reservoir, earthworks, pipeline, sewer, aqueduct, culvert, drive, shaft, tunnel or reclamation works.

It also includes any works which form an integral part of, or are preparatory to or temporary for the works described above, including site clearance, soil investigation and improvement, earth-moving, excavation, laying of foundation, site restoration and landscaping.

The Act maintains that any person or organisation seeking to undertake any of the works described, must be registered as a contractor with CIDB Malaysia.

CORPORATE INFORMATION FUNCTIONS OF CIDB MALAYSIA UNDER ACT 520

The CIDB Malaysia is a Federal Statutory Body under the Ministry of Works, established under the Construction Industry Development Board Act (Act 520) to develop, regulate, enforce and execute tasks and functions related to the construction industry.

In 2011, Act 520 was amended to further strengthen CIDB Malaysia’s roles in enforcing safe and quality construction and at the same time enhance the adoption of best practices in construction, thus raising the quality of construction work as a whole. The functions of CIDB Malaysia as laid out under the Act are as follows;

- a. To promote and stimulate the development, improvement and expansion of the construction industry;
- b. To advise and make recommendations to the Federal Government and the State Government on matters affecting or connected with the construction industry;
- c. To promote, stimulate and undertake research into any matter relating to the construction industry;
- d. To promote, stimulate and assist in the export of service relating to the construction industry;
- e. To provide consultancy and advisory services with respect to the construction industry;
- f. To promote and encourage quality assurance in the construction industry;
- g. To regulate the conformance of standards for construction workmanship and materials;
- h. To obtain, publish, initiate and maintain information relating to the construction industry including the establishment of a construction industry information system;
- i. To provide, promote, review and coordinate training in the construction industry;
- j. To register and accredit contractors, to impose any conditions of registration and accreditation of the contractors and to revoke, suspend or reinstate the registration and accreditation;
- k. To register, accredit and certify construction personnel and to revoke, suspend or reinstate the registration, accreditation and certification of such construction personnel;
- l. To regulate the implementation for quality and safe construction works;
- m. To regulate the implementation of Industrialised Building System in the construction industry; and
- n. To attend to any complaint or report made in relation to any failure of construction works or completed construction works which affects public safety and take appropriate actions to address it.



The media provide significant coverage of various talks and seminars which were held to create awareness on the functions of CIDB Malaysia and Act 520.

CONTRACTOR REGISTRATION

Among the first tasks for the CIDB Malaysia was registration of all contractors, as required under Act 520. The contractor registration counter was first opened in September 1995, and the number of submissions received was overwhelming.

The handful of staff had to multi-task in order to process the average of 80 applications received daily. As CIDB Malaysia was severely short-handed, in 1996 only 24,226 applications out of 60,225 submissions were successfully approved. In 1997, a total of 40,425 contractors were registered with CIDB Malaysia, an increase of 66.7% compared to 1996. These contractors were grouped under Grade G1 to G7, based on the value of their contracting capacities. Contractors are also segmented by their technical expertise, such as in Civil Engineering, Building and Mechanical and Electrical. The number of registered contractors in 2020 now numbers more than 121,000.

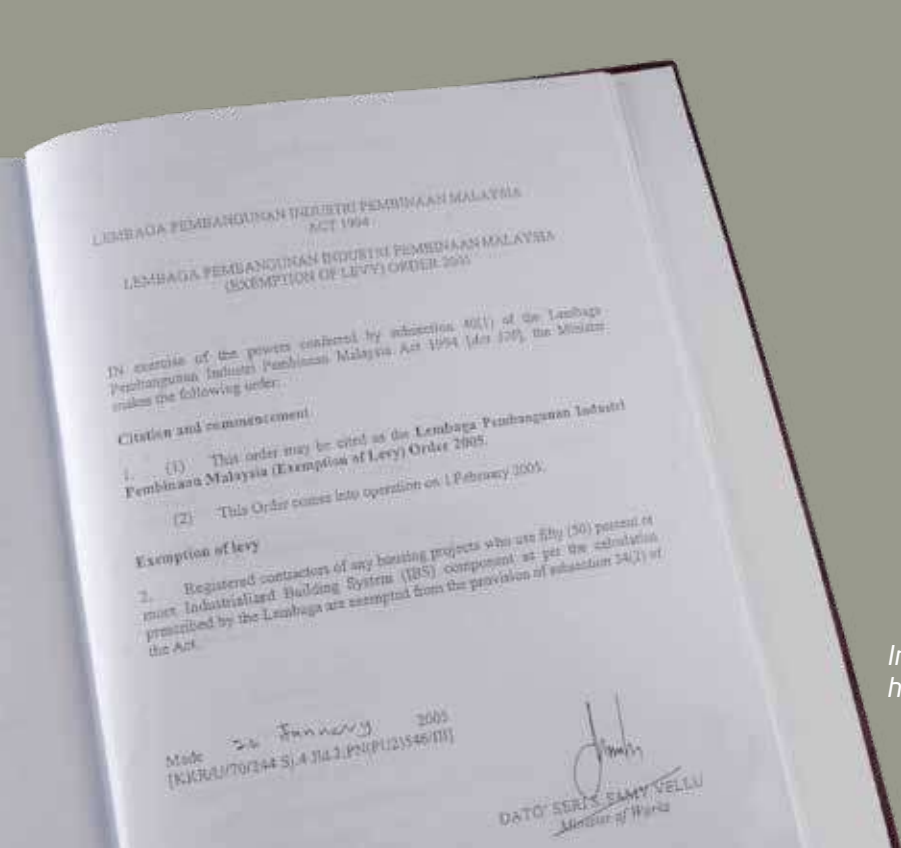


The first contractor registration procedure was published in 1995.

LEVY COLLECTION

In 1996, CIDB Malaysia started to charge a levy on all construction works valued at RM500,000 or more, at a quantum of 0.25%, as stipulated under the Act. The levy collected is used to cover CIDB Malaysia's operational expenses and to implement programmes that will enhance the development of the industry.

However, on 21 May 2003 when the country faced an economic downturn due to the Asian financial crisis, the government decided to reduce the quantum of levy charged for construction projects to 0.125%, as a stimulus package to reignite development activities in the country. The new quantum has remained to this day.



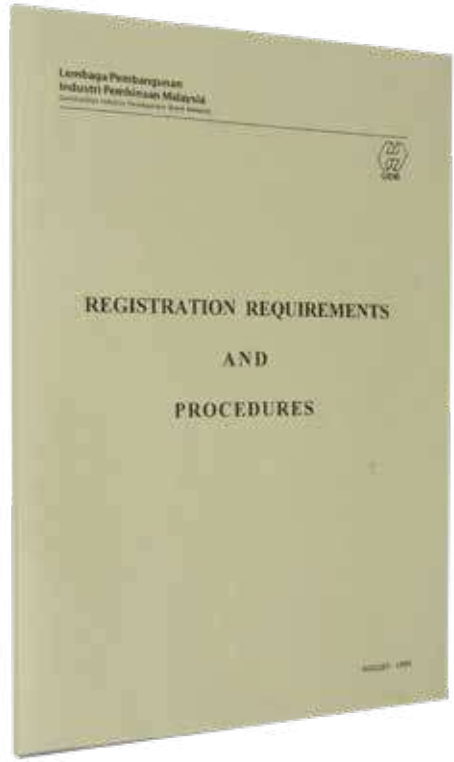
In 2005, Minister of Works Tun S. Samy Vellu approved the exemption of Levy for housing projects utilising 50% or more of IBS components.

REGISTRATION OF CONSTRUCTION PERSONNEL

The Construction Personnel Registration commenced in 1996 and covers two categories: skilled personnel and site supervisors.

At the end of 1997, a total of 71,082 personnel had been registered. This was way below the estimated 500,000 construction personnel in the country at that time. At the end of 2014, a total of 792,137 personnel remain active in CIDB Malaysia's register. From this number, 655,224 (83%) are local personnel, while 136,913 (17%) are foreign construction personnel. Of the total, 43% are new registrations, while 57% are renewals. The General Worker, Construction Worker and Administrative personnel categories together comprise the top three groups of local personnel registered with CIDB Malaysia. As for foreign workers, most are under General Worker category.

Construction personnel who register are automatically covered by a special Takaful insurance scheme that covers the holder against death and accidents. This insurance coverage is valid 24 hours a day, everyday of the year and everywhere in the world and is automatically renewed every time the holder renews his registration.



The first Requirements and Procedures book for Construction Workers published in 1996.

STATISTICS OF ACTIVE CONSTRUCTION PERSONNEL UNTIL DECEMBER 2020

CATEGORY	LOCAL	FOREIGN	TOTAL
GENERAL CONSTRUCTION WORKERS	338,301	145,587	483,888
SKILLED CONSTRUCTION WORKERS	69,832	5,693	75,525
CONSTRUCTION TRAINEES	11,688	0	11,688
CONSTRUCTION PROJECT MANAGERS	106,162	1,740	107,902
CONSTRUCTION SUPERVISORS	8,453	188	8,641
ADMINISTRATIVE PERSONNEL	128,774	1,992	130,766
GRAND TOTAL	663,210	155,200	818,410



The Green Card was initially issued in 2000.



Datuk Prof. Hj. Abdul Rahman Abdullah delivering a speech during the launch of MALBEX in 1996.

THE FIRST CONSTRUCTION INDUSTRY EXHIBITION

The first construction industry exhibition, MALBEX 96, co-located with Asian Stone, was jointly organised by CIDB Malaysia and Reed Exhibition Malaysia Sdn. Bhd. in September 1996 at the Putra World Trade Centre (PWTC). This is the first such exhibition held in Malaysia to showcase and educate the construction players and the general public alike about construction in Malaysia. This annual industry exhibition has since then morphed into the International Construction Week (ICW), a showcase of technology, products and achievement of Malaysia construction. The first ICW was held from 1st to 4th of September 1999 and was officiated by the Prime Minister of Malaysia.

From its inaugural event in 1999, ICW continued to gain support from industry, government and consumers alike. ICW 2014, the event's 14th installment, incorporated EcoBuild Southeast Asia as its exhibition component. ICW will be the biggest platform used by CIDB Malaysia to promote the construction industry to the domestic as well as regional markets. The ICW remains until today the premier annual event for the construction industry.



Tun S. Samy Vellu, Minister of Works at the signing ceremony of the 3rd Construction Technology Exposition in 1997.



From MALBEX, the exhibition transformed to a full-fledged exhibition and conference named International Construction Week (ICW). ICW became an annual event which the industry look forward to get updated on the latest in products, methods and technologies.



ICW THROUGH THE YEARS





The CIDB Malaysia and construction industry delegation to Turkey.

THE FIRST INTERNATIONAL MISSION

Among CIDB Malaysia's functions is the promotion of Malaysian construction services globally. The first international investment mission led by CIDB Malaysia for the local construction industry was to Turkey and Bosnia & Herzegovina on June 24, 1997. As a result of the mission, CIDB Malaysia through its subsidiary, CIDB Holdings Sdn. Bhd., established MBI Ventures Sdn. Bhd., a consortium of Malaysian construction companies to undertake projects in Bosnia & Herzegovina and Turkey.

The consortia embarked on the development of the Rivernina Resort & Mixed Development, located in Ilidza, on the outskirts of Sarajevo, Bosnia & Herzegovina. The development project comprised a holiday resort, housing & commercial complexes and recreational facilities over an area of 167 hectares, with a development cost of USD280 million spread over a period of 6 years.

Since then, CIDB Malaysia has led many international missions to promote Malaysian construction industry players abroad. Malaysian construction companies have more than a decade of history participating in the Indian construction industry. In 1996, Road Builder Sdn. Bhd. together with PATI Sdn. Bhd. entered a joint-venture project with B. Seenaiiah & Co. Ltd. for the upgrading and strengthening of National Highway No. 2 from Barwa-Adda-Barakar in the state of Bihar, with a cost of USD33 million. Shortly after that, more Malaysian companies embarked into the Indian market. To date, Malaysian companies have completed 53 highway or road projects in India worth RM9.3 billion (USD2.7 billion).

Apart from roads and highways, Malaysian companies are also involved in the oil and gas industry, mixed developments of new townships, residential developments, water management as well as power plant projects in India. One of the biggest projects is the Coal-Fired Independent Power Producer (IPP) Project in Chhattisgarh State in Central India (Phase 2), which cost USD754 million, by Mudajaya Corporation Bhd.



In the first CIDB Malaysia international mission, Datuk Prof. Hj. Abdul Rahman Abdullah headed a delegation to Bosnia & Herzegovina.



Malaysian companies are at the forefront of projects of international significance such as the redevelopment of the Battersea Power Project in London led by the SP Setia consortium, comprising Sime Darby Property and the Employees Provident Fund. Elsewhere, other renowned international projects undertaken by Malaysian consortia are the Gate District Towers in Abu Dhabi, Al Mas Tower in Dubai, Abu Dhabi Al-Reem Island Development and the Ajman Gate mixed development.

By the end of 2014, Malaysian construction companies have secured over 779 projects with project value amounting to RM113.42 billion. Nearly 93% of the projects with a total value of RM81 billion have been completed and the rest are still under construction.

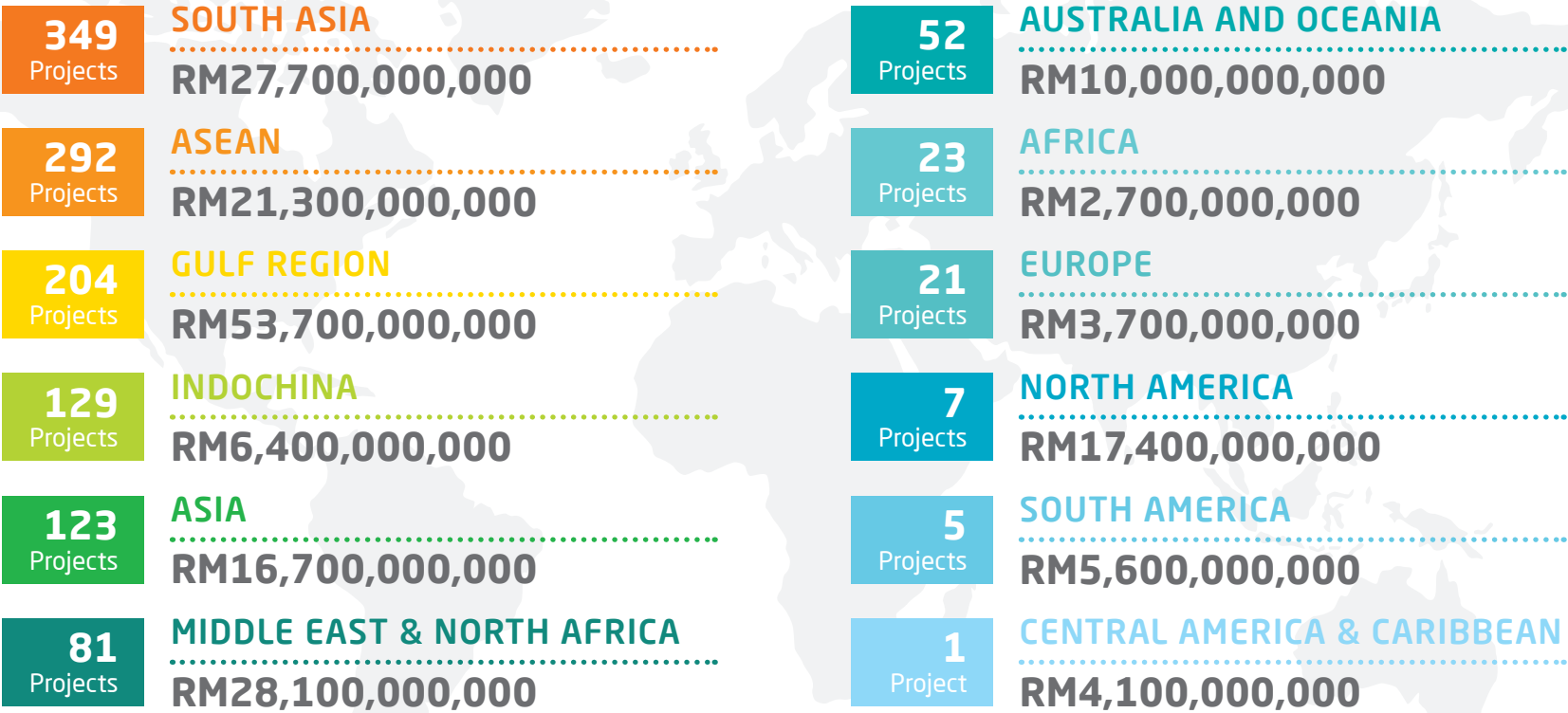
The highest number of international construction projects – 41% – has been secured in the Middle East. Malaysian construction is also highly evident in ASEAN (14% of projects) and Africa (12% of projects). In all, there are 115 Malaysian contractors currently engaged in construction in 50 countries around the globe.

Such a success in the global marketplace against some of the more established global construction companies is a testimony to the efforts of CIDB Malaysia and Malaysian construction firms, who have formed a strategic collaboration to make Malaysia's presence in the international arena a reality.



Tun S. Samy Vellu had played a significant role in initiating Malaysian construction delegation to India and winning several projects in the country. The pictures show Tun S. Samy Vellu and CIDB Malaysia's second Chief Executive, Datuk Ir. Hamzah Hasan heading the Malaysian industry delegation to Kerala, India.

TOTAL NUMBER & VALUE OF PROJECTS OVERSEAS AS AT 31 DECEMBER 2020



CIDB HOLDINGS

CIDB HOLDINGS SDN. BHD. ESTABLISHED

CIDB Holdings Sdn. Bhd. (CIDBH) is a wholly owned subsidiary of CIDB Malaysia. It was established on 20 January 1997 as the implementation arm of CIDB's programmes and management of the six *Akademi Binaan Malaysia* (ABMs). CIDBH aims to raise the quality and productivity of the construction industry by offering the following services:

1. Construction products and materials testing, certification and verification;
2. Execution of training and certification programmes for construction professionals and workforce;
3. Construction skills competency assessment programmes;
4. Collaboration initiatives with strategic industry stakeholders; and
5. Development and monitoring activities of its subsidiaries consisting of:
 - a. Six ABMs accredited by CIDB Malaysia as a centre for competency assessment and construction skills training.
 - b. CIDB IBS Sdn. Bhd. which ultimately lead the solution and be a catalyst for the transformation of the IBS industry.
 - c. CIDB Technologies Sdn. Bhd. which is an assessment and training centre for welding, non-destructive testing (NDT) and blasting & painting operations (BPO).



AKADEMI BINAAN MALAYSIA (ABM) ESTABLISHED

CIDB Malaysia established a training academy in 1997, *Akademi Binaan Malaysia* (ABM). The first branches were set up in Kuala Lumpur for the central region, Terengganu for the Eastern Region and Johor Bahru for the Southern region. By 2002, CIDB Malaysia opened three more ABMs, which are located in Kedah for the Northern region, as well as Sabah and Sarawak. This coverage ensures that youths and construction personnel all over the country have an opportunity to undergo training in the various construction skills trades being offered.

The ABM offers a wide range of courses, covering more than 60 trades including building to civil and mechanical engineering, welding, plant operation, drafting and non-destructive testing, just to name a few. Apart from training construction personnel, ABM also offers training for youths, skills accreditation, customised training programme and the safety and health induction training.

Since it was first established, more than 300,000 youths and construction personnel have undergone training in the six ABMs.

Currently, the management of all six ABMs have been entrusted to CIDB Holdings Sdn. Bhd. (CIDBH), a wholly owned subsidiary of CIDB Malaysia.

A Memorandum of Understanding signing ceremony on the establishment of ABM Terengganu in 1996 with Tan Sri Dato' Seri Amar Diraja Wan Mokhtar Hj. Wan Ahmad, the Menteri Besar of Terengganu.





The diversified range of courses offered by the six ABMs.



Since its establishment in 1997, more than 300,000 youths and construction personnel has been trained in the ABM. The CIDB Malaysia organised graduation ceremonies to celebrate their achievements.

THE CONSTRUCTION INDUSTRY STANDARDS PUBLISHED

Standards are benchmarks against which the quality of a product is measured. In order to achieve a competitive edge, standards must continue to evolve, redefined, redeveloped and applied. Studies on the effectiveness of the standards must then be made so that appropriate feedback can be relayed to the standard’s developers for standards review.

Being intricately involved in the industry, CIDB Malaysia is strategically positioned to head standards development. Therefore, in 1997, CIDB Malaysia was appointed by SIRIM Berhad to be a Standard Writing Organisation (SWO) pertaining to construction matters. The appointment empowered CIDB Malaysia to develop National Standard (Malaysia Standards) and the National Construction Industry Standards. In realising these objectives, CIDB Malaysia set up 10 Technical Committees (TC), which are responsible for the development of the standards. The various committees, through a total of 42 Working Groups (WG), were tasked to come up with the following national standards and codes of practices:

1	National Housing Standards for Single and Double Storey Low Cost Housing and Low Cost Flats	6	Code of Standard Method of Test for Soil in Laboratory
2	Code of Practice for Wind Loading on Structures	7	Code of Practice for Access for Disabled People Outside Building
3	Code of Practice for Earthworks	8	Code of Practice for Access for Disabled People to Public Building
4	Code of Practice for Sub-surface Investigation	9	Code of Practice for Domestic Housing for Disabled People
5	Code of Practice for Foundation	10	Code of Practice for Planning, Design, Installation and Maintenance of Sewerage System

By 2000, within just three years after its inauguration, the TCs and WGs established the need to develop and redevelop a total of 75 standards. Of the 75 standards, the Technical Committee on the Structural Use of Timber was the most productive with 22 standards followed by Technical Committee on Modular Coordination with 17 standards.

By 2020, CIDB Malaysia had published 43 Malaysian Standards related to construction and 19 Construction Industry Standards. Considering that writing and developing standards are a tedious and complex process, it must be warranted that CIDB Malaysia and the industry have made tremendous progress in this area.

At the same time, CIDB Malaysia was also involved in the development of national standards for Quality Management, Building and Civil Engineering, Fire Safety and Prevention, Rolled Products, Pipes, Tubes and Fittings, Steel Sections, Metallic Materials and Pre-bend Bars.

STANDARD INDUSTRI PEMBINAAN

CIS 1:1998
Standard Perumahan Kebangsaan Bagi Perumahan Kos Rendah – Satu dan Dua Tingkat

CIS 2:1998
Standard Perumahan Kebangsaan bagi Perumahan Kos Rendah – Rumah Pangsa

CIS 3:2005
Standard Perumahan Kebangsaan bagi Perumahan Kos Sederhana Rendah – Rumah Pangsa

CIS 4:2005
Standard Perumahan Kebangsaan bagi Perumahan Kos Sederhana Rendah selain Rumah Pangsa

CIS 5:2004 – CIS 5:2018
Quality Assurance for Prefabricated Timber Truss Systems

CIS 6:2005
Quality Assurance for Treatment of Timber Roof Trusses with Copper-Chrome-Arsenic Preservatives

CIS 7:2006 – CIS 7:2014
Quality Assessment System for Building Construction Work (QLASSIC)

CIS 8:2007
Design Guide on Precast Concrete Hollow Core Slab

CIS 9:2008
Guidelines on Handling, Transportation, Stacking and Installation of Precast Concrete Components

CIS 10:2008 – CIS 10:2018
Safety and Health Assessment System in Construction (SHASSIC)

CIS 11:2008
Design Guide on Precast Concrete Frame with Moment Connection

CIS 12:2009
Quality Assurance for Prefabricated Light Weight Steel Roof Truss

CIS 13:2009
Guidelines on Handling, Transportation, Stacking and Installation of Structural Steel

CIS 14:2009
Guidelines on Construction Activities at Night

CIS 15:2009
Guidelines on Prevention of Fall at Construction Site

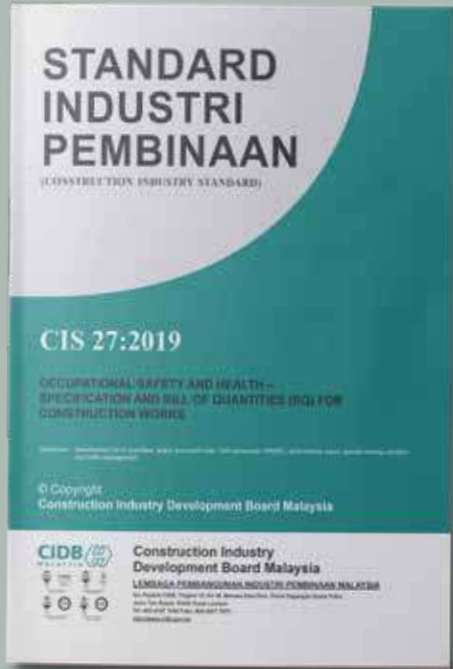
CIS 16:2009
Guidelines for Works at Confined Areas in Construction Site

CIS 17:2010
Guidelines for Working at Noisy and Dusty Areas in Construction Site

CIS 18:2010 – CIS 18:2018
Manual for IBS Content Scoring System (IBS Score)

CIS 19:2011
Quality Assessment System for Completed Road Works

CIS 20:2013
Manual Tatacara Penilaian Pengeluar Berstatus IBS (AIS) (Replace with CIS 20:2013 – Green PASS)



CIS 21:2014 – CIS 21:2016 – CIS 21:2018
Ready-Mixed Concrete: Production, Conformity, Transportation and Delivery Criteria for Producers

CIS 22:2014 – CIS 22:2017
Safe Use of Scaffolding in Construction

CIS 23:2014 – CIS 23:2018
Safe Use of Falsework and Formwork in Construction

CIS 24:2018
Manual Penilaian Pengeluar IBS IBS Manufacturer & Product Assesment & Certification - IMPACT

CIS 25-2018
Construction Activities Risk Assessment (CARA) Hazard Identification, Risk Assessment and Risk Control (HIRARC)

CIS 26-2019
Standard Perumahan Kebangsaan

CIS 27-2019
Specification and Bill of Quantities for Occupational Safety and Health for Construction Works

2001 - 2005

The Consolidating Years



The *Consolidating* Years 2001 - 2005

NURTURING AND SUSTAINING A YOUNG ORGANISATION

With the right and sufficient resources and infrastructure, CIDB Malaysia was now in a much better position to fulfill its obligation to take the industry to greater heights through improvement of its safety and health performance, its workmanship quality, productivity, efficiency and its exposure in the international marketplace.



THE NATIONAL OCCUPATIONAL SKILLS STANDARD (NOSS) FOR CONSTRUCTION INDUSTRY INITIATED BY CIDB MALAYSIA

During the same period of 2001 to 2005, CIDB Malaysia together with construction industry players in various fields introduced 12 National Occupational Skills Standard (NOSS). Based on the NOSS, Courses of Study (CoS) were then detailed out and training modules drawn. The NOSS, CoS and the final training syllabus then formed the basis for accreditation of skilled personnel.



THE CIDB MALAYSIA GREEN CARD

In 2000, CIDB Malaysia introduced an integrated programme involving the registration and accreditation of construction personnel, to enhance safety levels at construction work sites.

The Green Card is issued to construction personnel who have registered with CIDB Malaysia and have undergone a full day induction course on safety and health at a construction site. This course is available throughout the year from the ABM and other CIDB Malaysia certified Training Providers.

Only a person who holds a CIDB Malaysia Green Card is licensed to enter a construction site and perform tasks for which they are trained for. A Green Card holder is deemed to have the basic health and safety knowledge to enable them to perform their tasks safely.



CIDB Malaysia enforcement officers checking on validity of CIDB Malaysia Green Card during site inspection.



Datuk Prof. Hj. Abdul Rahman Abdullah showing the CIDB Malaysia Green Card and the card reader.



The new look Green Card issued in 2019.

CONSTRUCTION INDUSTRY AWARDS

In 2000, CIDB Malaysia introduced the Construction Industry Awards (CIA) which was rebranded to the Malaysia Construction Industry Excellence Awards (MCIEA) in 2003. It became an annual event and remains the premier accolade to recognise the excellent performance of individual and companies in executing construction projects locally and across the globe.



The first MCIEA held in 2000 to recognise achievements in construction.



The MCIEA is the accolade for excellence in the construction industry.



The original MCIEA trophy.

The trophy rebranded to depict the rapid development of projects in Malaysia.



The MCIEA recognise excellent performance in construction in various categories such as Best Projects, Builder of the Year, International Achievements, as well as special categories such as Sustainability, Safety and IBS projects.



**CONTRACTOR OF THE YEAR
AWARD RECIPIENTS**

- 2000** AHMAD ZAKI SDN. BHD.
- 2001** IJM CORPORATION BERHAD
- 2002** WCT ENGINEERING BERHAD
- 2003** SUNWAY CONSTRUCTION BERHAD
- 2004** NAIM CENDERA SDN. BHD.
- 2005** SUNWAY CONSTRUCTION SDN. BHD.
- 2006** AHMAD ZAKI SDN. BHD.
- 2007** G7 - NAIM CENDERA SDN. BHD.
(PROJECT VALUE RM10M - RM50M)
G7 - BINA PURI - ZUBLIN JV
(PROJECT VALUE RM50M - RM100M)
G7 - AHMAD ZAKI RESOURCES BERHAD
(PROJECT VALUE > RM100M)
- 2008** MMC GAMUDA JV
G7 - AHMAD ZAKI RESOURCES BERHAD
- 2009** IJM CONSTRUCTION SDN. BHD.
G7 - SUNWAY CONSTRUCTION SDN. BHD.
- 2010** WCT BERHAD
G7 - PUTRA PERDANA CONSTRUCTION SDN. BHD.
- 2011** TRANS RESOURCES CORPORATION SDN. BHD.
G7 - ALAM LANGKAWI SDN. BHD.
- 2012** IJM CONSTRUCTION SDN. BHD.
- 2013** SUNWAY CONSTRUCTION BERHAD
- 2015** IJM CONSTRUCTION SDN. BHD.
- 2016** GAMUDA BERHAD
TECHNOFIT SDN. BHD.
(SPECIAL MENTION)
- 2017** AHMAD ZAKI SDN. BHD.
- 2018** WCT BERHAD
- 2019** SUNWAY CONSTRUCTION SDN. BHD.

**PROMINENT PLAYER
AWARD RECIPIENTS**

- 2001** TAN SRI DATUK MUSTAPHA KAMAL ABU BAKAR
- 2002** TAN SRI DATO' SERI AR. HJ. ESA HJ. MOHAMED
- 2003** DATO' GOH CHYE KEAT
- 2004** TAN SRI DATO' IR. JAMILUS HUSSEIN
- 2005** TAN SRI DATUK TEE HOCK SENG
- 2006** TAN SRI DATO' IR. WAN ABDUL RAHMAN YA'ACOB
- 2008** DATO' KRISHNAN TAN
- 2009** TAN SRI DATUK DR. IR. AHMAD TAJUDDIN ALI
- 2010** Sr CHUA SIOW LENG
- 2011** Sr ONG SEE LIAN
- 2012** DATO' NG KEE LEEN
- 2013** TAN SRI DATO' SERI DR. JEFFREY CHEAH
- 2015** DATO' DR. AR. KENNETH YEANG KIN MUN
- 2016** DATO' ABDUL RAHMAN ABDULLAH
- 2017** DATUK AZLAN ABDUL KARIM
- 2018** DATO' Sr SRIKANDAN KANAGAINTHIRAM
- 2019** DATO' SRI IR. DR. JUDIN ABDUL KARIM





CLAB signed an MoU with Cotrade Sdn. Bhd. to supply 5,000 foreign and local workforce.

THE CONSTRUCTION LABOUR EXCHANGE CENTRE (CLAB)

The Construction Labour Exchange Centre (CLAB) is an organisation established by the Ministry of Works through the CIDB Malaysia on 13 November 2003; pursuant to the decision by the Cabinet Committee on Employees Foreign and Illegal Immigrants (JKKPA/PATI) to bring in and redistribute foreign workers for companies or organisation in Malaysia.

The need for an entity such as CLAB was realised in 2002, when 912,000 illegal foreign workers were sent home under the Amnesty Programme, out of which 383,000 were workers from the construction sector. This brought a slow-down and disruption to completion of construction projects from all over the country.

CLAB's main purpose is to assist local and foreign labour employability in the construction sector, and serving industry players (employers) to source for local and foreign manpower in managing their business. It is also responsible in maintaining the balance of the local and foreign labour in the construction industry.



In sourcing and distributing foreign labour to organisations in need, CLAB had beforehand equipped them with all the necessary requirements and legal documentations before allowing them to service the respective employers. CLAB also maintained a responsible working environment with the governments of the source country for these foreign labours; to ensure a good relationship and lasting economic development. In addition, through CLAB's Employer Exchange Programme, these workers were assured the continuity of employment opportunities, which is subject to the policies and regulations set by the government.

In managing the goodwill of these workers, CLAB opened the Centralised Labour Quarters (CLQ) in Sungai Buloh to accommodate, centralise and manage these workers; and this pilot project stood as the benchmark for all other CLQs established thereafter. CLAB had also launched the G1-G3 Programme to assist contractors (grade G1 to G3) in need of skilled foreign construction workers and acquire them swiftly. It also executed the Accreditation for Skilled Foreign Construction Labour at test centres in the source country, a programme to ensure foreign labours are skilled and accredited with the CIDB Malaysia Skills Competency Certificate (SKK), as a pre-requisite before gaining employment in the industry.

The Construction Labour Exchange (CLAB) became a wholly owned subsidiary of the CIDB Malaysia effective from 14 November 2017. CIDB Malaysia decided to make CLAB its subsidiary to ensure more emphasis is placed in locating skilled workers for construction projects.



IBS ROADMAP (2003 - 2010)

IBS was first developed in Malaysia during the early sixties with the 1st pilot project using the IBS concept launched in 1996. IBS is a technique of construction where building components are manufactured in a controlled environment either on-site or off-site, then assembled into construction works.

From a survey conducted by CIDB Malaysia in 2003, the use of IBS in the local construction industry stood at only 15%. This result shows that the early efforts of the government to encourage the use of IBS in the construction sector had yet to gain traction in the industry. Therefore, the IBS Roadmap 2003 - 2010 was formulated to modernise the Malaysian construction sector. The roadmap was discussed and agreed upon at the national level through the IBS Steering Committee and Working Groups represented by the government sector, developers, manufacturers, contractors, professional bodies, higher learning institutions, associations, and other interested parties in the construction industry.

This roadmap was endorsed by the Cabinet of Ministers as the blueprint for the total industrialisation of the construction sector and achieving Open Building by 2010. Among others, the roadmap sought enforcement in using Modular Coordination (MC) through the Uniform Building By Laws (UBBL) to encourage standardisation and increase the usage of IBS components. It also encouraged participation from manufacturers and assemblers, especially Bumiputera, to enter the market, thus reducing the price of IBS components.

One major success during the period of the first IBS roadmap was the issuance of Treasury Circular SPP 7/2008 mandating all government projects costing more than RM10 million to adopt IBS with IBS content of not less than 70%.



THE IBS CENTRE

The CIDB Malaysia IBS Centre was officially launched during the International Construction Week (ICW) 2000. The IBS Centre is a one-stop reference centre on Industrialised Building System (IBS) for the construction industry. The centre promotes knowledge sharing and facilitates better cooperation among the construction industry stakeholders on IBS.

One of the main functions of the IBS Centre is to act as the main secretariat of the IBS Roadmap, and industry coordination. The implementation of the IBS Roadmap was monitored by the Committee for Strategic Thrust 5 (Innovate through R&D and Adopt New Construction Techniques) of the Construction Industry Master Plan (CIMP), as well as the IBS Steering Committee. Both committees are represented by relevant government agencies as well as industry leaders. The IBS Centre also supports G-to-G venture developments and functions as a gateway to market IBS products domestically and internationally.

Located at the CIDB Malaysia Complex in Jalan Chan Sow Lin, the IBS Centre maintains a showcase of houses constructed using IBS methods and materials.

Since 2007, a total of RM19.13 million has been spent on research into IBS. The IBS Centre has also developed Malaysian Standard (MS) and Construction Industry Standards (CIS) on IBS and design systemisation exercises.

One of the main functions of the IBS centre is to issue IBS certification, verification and testings. The centre develops and updates a database of companies in the construction supply chain, such as manufacturers, consultants, contractors and installers, which are IBS certified. This list is an important reference for IBS supply chain database in executing both government and private projects.



One of the model houses at the IBS centre during construction stage.



The IBS Gallery showcases various IBS components. On the compound of the IBS centre, three model IBS houses were built to showcase various IBS technologies.



The various IBS components on display in the IBS gallery.



The management and staff of CREAM taking a group photo at their premises in Jalan Chan Sow Lin, Cheras.

CONSTRUCTION RESEARCH INSTITUTE OF MALAYSIA (CREAM)

The Construction Research Institute of Malaysia (CREAM) was established on 26 March 2004 to function as a corporate vehicle for carrying out Research & Development (R&D) and testing for the construction industry. A Board of Trustees was appointed with responsibility over all matters relating to the planning, implementation and management of the R&D projects and related activities.

Among the core responsibilities and activities of CREAM pertaining to the construction industry were to:

- Conduct Construction Research and Development (R&D)
- Provide Consultations
- Provide Testing Services
- Products Certification
- Provide Assessments

Apart from undertaking research in the construction sector, CREAM had also coordinated multiple researches undertaken by universities and research institutions, both locally and abroad. At the time of writing, CREAM already held 14 patents from the research conducted. The bi-annual Malaysian Construction Research Journal (MCRJ) was published to document the research and findings by CREAM and its collaborative partners.

CREAM was structured to become a wholly owned subsidiary of the CIDB Malaysia effective from 15 December 2015. The decision was to ensure the strategic needs of Research and Development in the Malaysian construction industry were addressed and met accordingly.

Committed to build partnerships with the industry's stakeholders and researchers while exploring and encouraging the development of a knowledge-based industries, CREAM also fulfills the strategic needs of Research and Development in the Malaysian construction industry that drives quality, innovation, technology and skills towards achieving sustainability in the construction industry.



Researchers at CREAM conducting analysis and inspection at the site of the Second Penang bridge.



Deputy Minister of Science, Technology and Innovation Datuk Dr. Abu Bakar Mohamad Diah visiting CREAM.



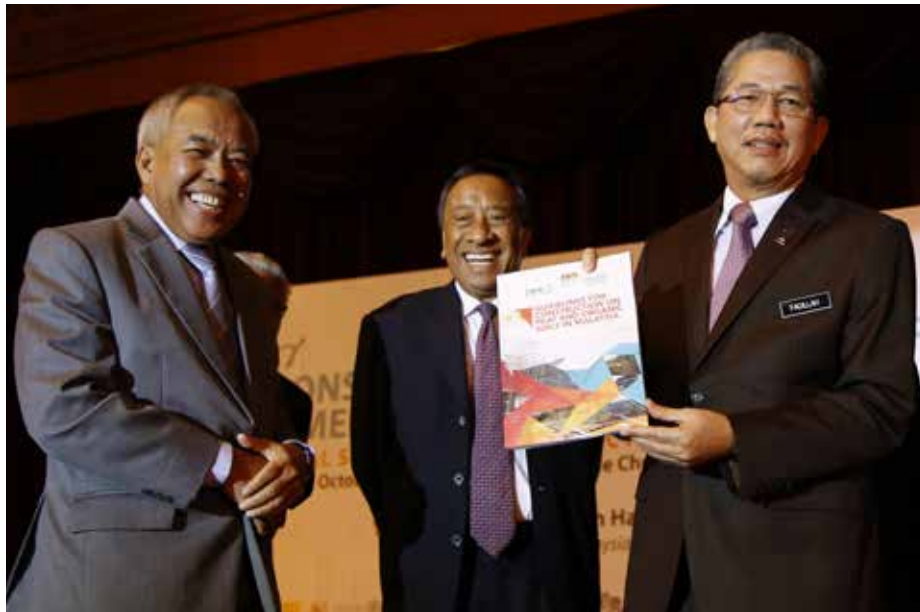
Delegation from Construction Industry Council Hong Kong.



A group photo taken during a working visit by the Minister of Works.



GUIDELINES FOR CONSTRUCTION ON PEAT AND ORGANIC SOILS PUBLISHED



The Guidelines for Construction on Peat and Organic Soils was launched by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof in Kuala Lumpur on 22 October 2015. Developed by CREAM, it provided guidance to construction industry players, contractors, engineering consultants as well as clients to understand the character and nature of peat soil from an engineering aspect.

The guidelines also contained case studies for the construction of peat land areas as well as recommendations of methods and techniques that take into account aspects of engineering design and repair in peat land areas. A multitude of considerations, sustainability aspects and local economic balance were taken into account and inserted into the guidelines; via suggested strategic approaches and methods.

The building of the Pan Borneo Highway project in Sarawak was a major construction concern as some construction areas faced vast areas of peat land. This posed a challenge to consulting engineers, contractors and clients in carrying out construction in the area for building and infrastructure projects. The guidelines were an important reference for the Pan Borneo Highway project and surrounding developments.



CREAM ACQUIRED HIGH-TECH TESTING EQUIPMENT

CREAM had acquired several high-tech testing equipment in January 2019, and stationed them at the Public Works Laboratory in Kuala Lumpur. This acquisition exercise expanded CREAM's services in accordance with Schedule 4, Act 520.

The equipment acquired were:

- Accelerated UV Weathering Test Chamber
- Handheld XRF Analyser
- Portable CNC Cutting Machine and Plasma Machine
- Non-Destructive Testing Equipment
- Stress Relaxation Tester 500 Kn
- Hydraulic Cylinder & Load Cell
- Laser Geometry Measurement System



The various equipment used in providing testing for construction materials.

2006 - 2010

The Years of Rapid Development





Dato' Sri Mohd. Najib Tun Abdul Razak inspecting a model roof truss at the Malaysian International IBS Exhibition (MIIE).

The Years of *Rapid* Development 2006 - 2010

ACCELERATING INDUSTRY GROWTH

During the first ten years of the CIDB Malaysia's existence, the organisation had worked hard to establish itself and lay the groundwork for its future endeavours. The foundation for the construction industry had to be 'reset', so to speak, as the industry had been allowed to follow its own path for too long.

Despite the significant challenges, encountered in CIDB Malaysia's early years, the CIDB Malaysia had established itself as the nexus of the construction industry. The most immediate tasks were completed and with institutions such as CREAM, the groundwork was laid for future initiatives. The period 2006 – 2010 was when the capitalisation on this hard work began, with a number of initiatives successfully rolled out.

Two important areas that these initiatives focused on were assessment and reference. The introduction of QLASSIC and SHASSIC, assessment systems for workmanship quality and worksite safety respectively, implemented a system whereby contractors could be rated in these two vital areas. SCORE, in particular, gave the industry a much-needed means to rate contractors overall. These assessment and rating systems allowed project owners to determine the suitability of contractors in meeting tender requirements and also helped set benchmarks for the construction industry.

During these five years, CIDB Malaysia also established itself as a one-stop reference and update centre for the construction industry. The publication of several price rate indexes provided much-needed reference points for the industry. Country reports prepared for several important overseas markets proved a great help for Malaysian construction companies taking their services abroad. The statistical bulletin and CIDB Malaysia newsletter, introduced during this period, have played an important role in keeping the industry up-to-date with recent developments.

The roll-out for these various initiatives also happened very quickly, with 2006 and 2008 proving the busiest years. Amongst all this activity, the CIDB Malaysia rolled out the Construction Industry Master Plan, or CIMP.

THE CONSTRUCTION INDUSTRY MASTER PLAN (CIMP) 2006 - 2015



The CIMP 2006 - 2015 introduced in 2006 to accelerate improvements in the construction industry.

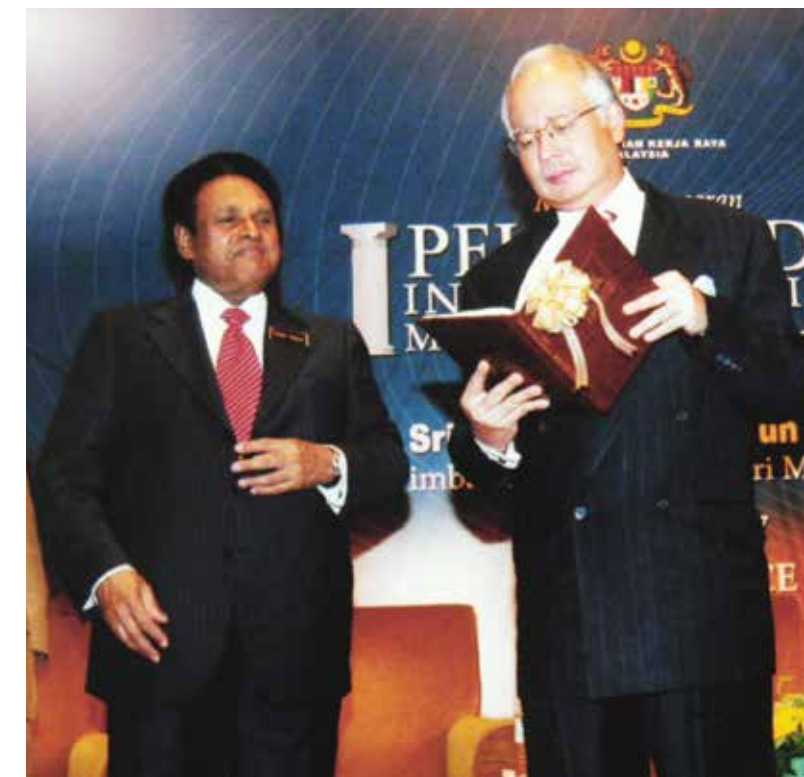
The idea of introducing the CIMP started well before mid June 2003, when the industry's President's and CEO Roundtable discussion agreed that there was an urgent need for a strategic master plan to accelerate vital improvements in the industry. The CIMP was launched by the then Deputy Prime Minister, Dato' Sri Mohd. Najib Tun Abdul Razak on the 16th of December 2007.

The CIMP sought to drive the construction industry to be a dynamic, productive, resilient and enabling sector, through seven strategic thrusts as listed below:

- Integrate the construction industry value chain to enhance productivity and efficiency;
- Strengthen the construction industry's image;
- Strive for the highest standard of quality, occupational safety and health, and environmental practices;
- Develop human resource capabilities and capacities in the construction industry;
- Innovate through research and development and adopt new construction methods;
- Leverage on information and communication technology in the construction industry; and
- Benefit from globalisation including the export of construction products and services.

The CIDB Malaysia had set up eight Technical Committees comprising of leading industry practitioners and government representatives to chart the way forward for the industry. These eight committees went on to create a number of Technical Working Groups to assist in the planning, implementation and monitoring the progress of CIMP. At its peak, almost 300 people were involved in the various Committees and Working Groups.

While the CIMP definitely achieved some of its goals, a midterm review of the CIMP held in 2013 concluded that there were many setbacks. Though the CIMP was a good plan, many of the goals could not be achieved by CIDB Malaysia alone. This is because many processes which affected the construction industry did not lie solely within CIDB Malaysia. It needed commitment and involvement from many other ministries and agencies to make meaningful changes. It is with this backdrop that the CIDB Malaysia went back to the drawing board in 2014 to start working on what is now called the Construction Industry Transformation Programme (CITP).



The Deputy Prime Minister Dato' Sri Mohd. Najib Tun Abdul Razak at the launch ceremony of the CIMP. Also present was Minister of Works Tun S. Samy Vellu.



Several of the participants in the N3C Seminar.

NATIONAL CONSTRUCTION COST CENTRE (N3C)

The N3C was established as part of the Construction Industry Cost Information Integration Centre, as recommended under the 2006 - 2015 Construction Industry Master Plan. This is also in line with the CIDB Malaysia role as stipulated under Act 520 for the CIDB Malaysia to “provide consultancy and advisory services with respect to the construction industry and to initiate and maintain a construction industry information system”.

As part of its role, the N3C has published modules on Building Materials Prices, Labour Wage Rates, Machinery Hire Rates and Equipment Purchase Prices, Building Material Cost Index, Labour Cost Index, Machinery and Equipment Cost Index and Building Cost Index.

CONSTRUCTION QUARTERLY STATISTICAL BULLETIN

The first ‘Construction Quarterly Statistical Bulletin’ was published by the CIDB Malaysia in 2007 as a continuous effort in disseminating information on the Malaysian construction sector. The information published serves as a reference for research, business development, strategic planning as well as a forecast for the construction sector report.



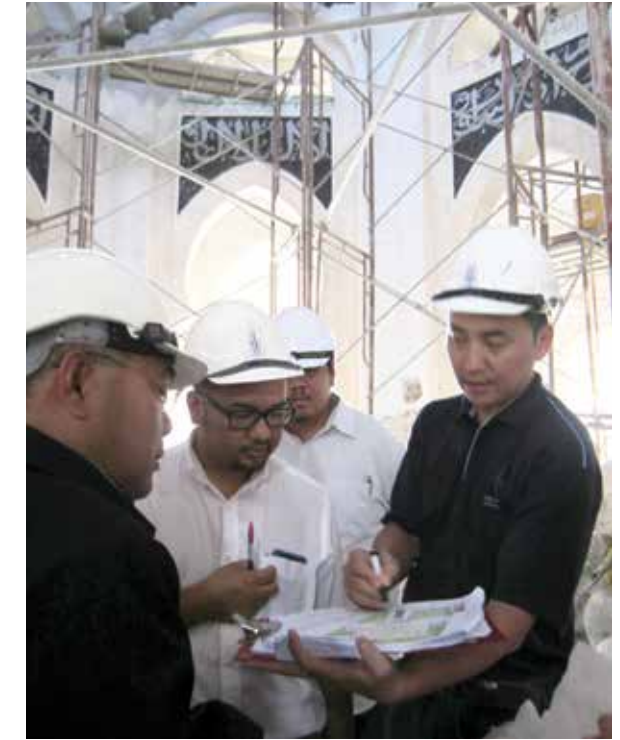
QUALITY ASSESSMENT SYSTEM IN CONSTRUCTION (QLASSIC)

QLASSIC was introduced in 2006, as an objective assessment tool to measure the level of quality of a building construction project. QLASSIC was designed to become the national yardstick to benchmark the level of quality performance in the Malaysian construction landscape. The QLASSIC assessment was based on the Construction Industry Standard CIS 7:2006, developed by the Technical Committee on Quality Assessment in Construction. CIDB Malaysia acted as a moderator and facilitator in the development process.

Since its introduction in late 2006 until the end of 2014, a total of 977 building construction projects had been assessed with QLASSIC with an industry average score of 70%. The number of projects assessed may seem low compared to the total number of construction projects, due to the use of QLASSIC being voluntary.

Since then, the QLASSIC score of projects assessed had increased from 72% in 2017 to 74% in 2018. Achieving high QLASSIC scores requires right planning from the beginning. The commitment to produce quality workmanship would influence design, materials and the selection of consultants and contractor to implement the project. QLASSIC will not only add value to the building construction projects, but it will also demonstrate the industry players’ commitment in delivering accountability, integrity and professionalism to the industry, the clients and end users.

Mandating quality in building projects gained a remarkable achievement when in 2019, requirements for QLASSIC certification was included in the *Dasar Perumahan Mampu Milik Negara (DRMM)* launched in May 2019. As at end of 2020, a total of 324 construction projects were assessed with QLASSIC with the industry average score of 71%.

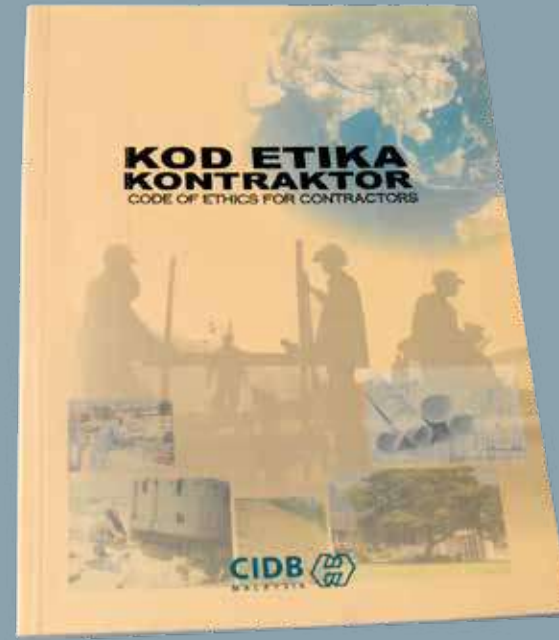


QLASSIC covered in local media to create awareness to the public.

INTEGRITY COURSE AND CODE OF ETHICS FOR CONTRACTORS

On the first of January 2008, the CIDB Malaysia had made it mandatory for all contractors to attend an Integrity Course, which was developed in collaboration with the Malaysian Anti-Corruption Commission (MACC) and the Institute of Integrity Malaysia (IIM).

It also introduced the Code of Ethics for Contractors which outlined the practice and moral conduct to be adopted by all contractors in promoting professionalism, integrity and accountability.



The Code of Ethics for contractors.

SCORE - MEASURING CONTRACTOR'S PERFORMANCE IN 7 KEY AREAS



Contractor Capacity and Capability Evaluation Programme SCORE - CIDB.

SCORE is a capacity and capability assessment tool for a contractor developed by CIDB Malaysia in collaboration with SME Corp in 2008.

SCORE evaluates contractors based on seven key parameters; namely Business Performance, Financial Capability, Technical Capacity, Project Management, Procurement Management, Best Practices and Management Capabilities.

SCORE is now used as a pre-requisite for the application of Government Procurement Certificates and Bumiputera Status Certificates. SCORE is also used as part of the tender evaluation process for government projects exceeding RM10 million.

In 2014, a total of 10,064 applications were received from companies that wished to be evaluated using SCORE. In 2015, three companies had been awarded the coveted 5-Star for SCORE. They were Gamuda, Shin Eversendai Engineering and Sunway Construction.

By end of 2020, a total of 7,061 companies were evaluated with SCORE.

SAFETY AND HEALTH PRACTICES IN CONSTRUCTION (SHASSIC)

The Safety and Health Assessment System in Construction or SHASSIC is an independent method to assess and evaluate the safety and health performance of a contractor in construction works/ projects. SHASSIC was developed by a Technical Committee comprised of industry stakeholders. It was published by CIDB Malaysia as the Construction Industry Standard CIS 10:2008 in November 2008.

SHASSIC was designed and developed to benchmark the level of safety and health performance of the construction industry in Malaysia, to assess safety and health performance of a contractor at site, and to provide guidelines for improvement and necessary corrective action. SHASSIC is intended to complement the normal contractual requirement and specification in a project.

The CIS 10:2008 was enhanced in 2018 where the scoring system for the SHASSIC assessment was upgraded.



A briefing given on site ahead of a SHASSIC assessment.



A seminar was co-organised by CIDB Malaysia and Public Works Department to create awareness on NeTI.

NeTI NATIONAL E-TENDERING INITIATIVE (NETI)

On 23 March 2009, the National e-Tendering Initiative (NeTI) was launched as a platform to process online job tenders under the Ministry of Works. It enabled the automisation of all tender procurement processes right from the advertising stage to assessment. NeTI was introduced to make government tendering process more transparent and at the same time reduce the cost of government tender preparations and the cost of tender bids. The savings resulting from this system were estimated at RM200 million from an average of 5,000 government tenders a year. The system also enhanced the efficiency of the tender process by reducing the processing time from four months to four weeks.

THE PUBLIC WORKS LABORATORY (MAKMAL KERJA RAYA MALAYSIA - MKRM)

The MKRM was built and established in 2009 by CIDB Malaysia as one of the largest heavy structural engineering laboratories in the country.

Located in CIDB Malaysia's Jalan Chan Sow Lin complex, the laboratory is an integral part of the Construction Research Institute of Malaysia (CREAM) and is fully managed by CREAM. The laboratory is equipped with the latest test equipment and facilities to support CREAM's function as an R&D outfit and to provide testing services for the Malaysian construction industry.

The special focus of MKRM is on improving the quality of IBS construction systems manufactured locally. It also provides local researchers and engineers with the necessary tools, equipment and systems to assess the performance and behaviour of structural component used in Malaysia's construction industry.

Since its establishment, MKRM has conducted testing and services for various organisations, namely private companies, IBS manufacturers and public universities as well as local research institutes with the aim of improving the performance of construction industry in Malaysia.

Small scale, prototype or full size structural specimens of various construction materials can be tested under static and dynamic loading conditions. Specimens can also be tested horizontally and vertically or both to evaluate the performance of building systems.

The Works Laboratory provides facilities for testing construction materials and components. The facility is located at the same vicinity as the IBS Center in Cheras.



The MKRM is a must see for foreign construction industry delegations who visits CIDB Malaysia.

2011 - 2015

From Strength to Strength





The Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof, and the Head of Agencies under the ministry in a group photo with industry players who have signed pledge of support on the Construction Industry Transformation Programme (CITP) in September 2015.

From *Strength* to Strength 2011 - 2015

THINK BIG, THINK WIN-WIN

Collaboration is a driving force for any organisation to enhance efficiency and to improve its overall performance. From 2011 to 2015, CIDB Malaysia focuses on industry and inter-agency collaborations in order to accomplish common goals in a win-win situation. This approach is in line with the National Blue Ocean Strategy (NBOS). The strategy entails that the 80 ministries and agencies must collaborate to formulate and execute initiatives that will transform the country. Collaboration propels an organisation to become more dynamic by optimising the capacity and capability of others.

During this period, CIDB Malaysia have secured more than 100 collaborations with industry partners and stakeholders in various initiatives, especially in training of construction personnel. Many strategic memorandum of understanding have been developed with multinational organisations such as La Farge, Lend Lease, Cementaid, Akzon Nobel, Panasonic and Monier, just to name a few. The objective of the industry collaboration was to ensure that the construction personnels specialised training is at par with global standards and able to meet industry requirements. The CIDB Malaysia has also established an apprenticeship programme in collaboration with industry players. The programme provides an opportunity for youths who have completed their course at CIDB Malaysia's *Akademi Binaan Malaysia* to undergo industrial training. This will enhance their chances of being absorbed in the industry. This strategy have been proven effective based on many impactful initiatives launched.

These collaboration later became the basis for the successful implementation of the CITP 2016 - 2020.

THE SECOND IBS ROADMAP (2011 - 2015)



Based on the surveys conducted in 2003, 2005, and 2008 as well as the IBS Roadmap's mid-term review in 2007, the initial take up for IBS was not as high as was first anticipated at this stage, particularly from the private sector, as it failed to obtain private sector buy-in. The IBS Survey 2003 stated that only 15% of the construction projects used IBS in Malaysia. The IBS roadmap's mid-term review in 2007 indicated that only approximately 10% of the completed projects used IBS in 2006 as compared to the targeted IBS usage of 50% in 2006 and 70% in 2008 in the roadmap.

Therefore in 2011, a new roadmap for IBS (IBS Roadmap 2011 to 2015) that focuses on private sector adoption and capacity building was published. The pillars of the new roadmap were as follows:

- Good quality designs, components and buildings are the desired outcomes of IBS. Aesthetics should be promoted through innovation;
- To ensure that, by using IBS, completion time of a building is speedier, more predictable and well managed;
- To have a ready pool of IBS professionals and workers throughout the entire project lifecycle: from design, manufacturing, building and maintenance; and
- To create a financially sustainable IBS industry that balances users affordability and manufacturers viability.

The goals for the Roadmap are encapsulated below:

- To sustain the existing momentum of 70% IBS content for public sector building projects through to 2015; and
- To increase the existing IBS content to 50% for private sector building projects by 2015.



THE CONSTRUCTION INDUSTRY PAYMENT AND ADJUDICATION ACT (CIPAA)

CIPAA was gazetted by parliament on 22 June 2011. It took more than two years before the act was finally approved for implementation on April 15, 2014 by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof.

With CIPAA, the Malaysian construction industry has at its disposal one of the fastest ways to resolve payment issues which have been plaguing the industry. The implementation of CIPAA contributed significantly towards enhancing the productivity, efficiency and effectiveness of construction projects implementation. CIPAA is the result of a collaborative effort between CIDB Malaysia and industry to address cashflow problems in the construction industry, especially during the construction stage.

With CIPAA in place, the industry can breathe easier and fully concentrate on executing their projects, safe in the knowledge that should any payment issues arise, CIPAA provides statutory rights to resolve these grievances to ensure the smooth progress of construction projects.



The announcement of CIPAA's implementation lauded by industry players.



KLRCA produces a CIPAA handbook to assist the industry in understanding CIPAA.



MALAYSIAN CIVIL ENGINEERING STANDARD METHOD OF MEASUREMENT (MyCESMM)

MyCESMM was launched on the 30 November 2011, as a tool to enhance professionalism and strengthen the competitive edge of the construction industry. The use of standard method of measurements will contribute significantly towards delivering cost effective civil engineering projects through the adoption of best practices in the preparation of the Bill of Quantities (BQ).

The implementation of MyCESMM would eliminate discrepancies and ambiguities in the BQ, facilitate better understanding of the nature of work to be done and thus reduce potential claims and disputes during the construction stage.

CIDB Malaysia has also published "A Guide to MyCESMM" and "Library of Standard BQ Descriptions for MyCESMM", two publications that complement one another in supporting the use of MyCESMM.

To date, more than 30 major organisations and agencies have agreed to adopt MyCESMM in their projects, by signing a memorandum of understanding with CIDB Malaysia. They include the Public Works Department, Suruhanjaya Perkhidmatan Air Negara, Prasarana Malaysia Berhad dan Tenaga Nasional Berhad.

To enhance and accelerate the adoption of MyCESMM, CIDB Malaysia had trained 1,220 construction professionals from the public and private sectors.



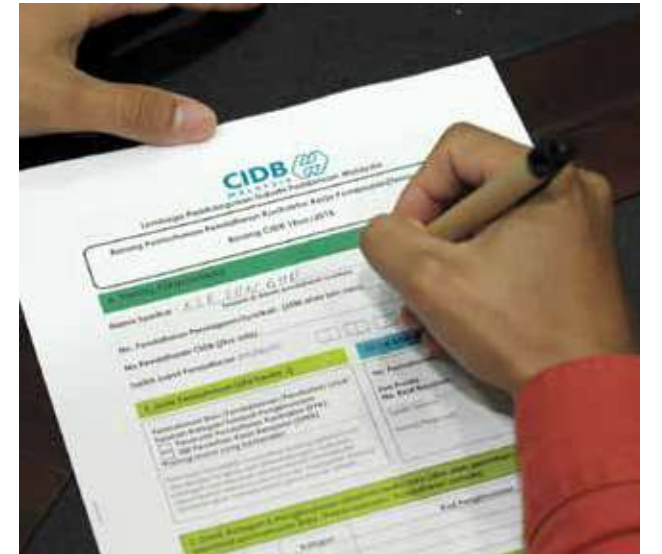
Dato' Sri Ir. Dr. Judin Abdul Karim presenting a token of appreciation to Minister of Works to mark the MyCESMM opening ceremony in Kuching, Sarawak.



ONE REGISTRATION OF CONTRACTORS (1ROC)

1ROC was officially implemented on 15 October 2012, making CIDB Malaysia the One-Stop registration centre for all contractors.

The concept of One Registration, One Classification, One Payment for contractors through 1ROC, is to solve problems faced by construction industry players by reducing the cost of fees and registration licences.



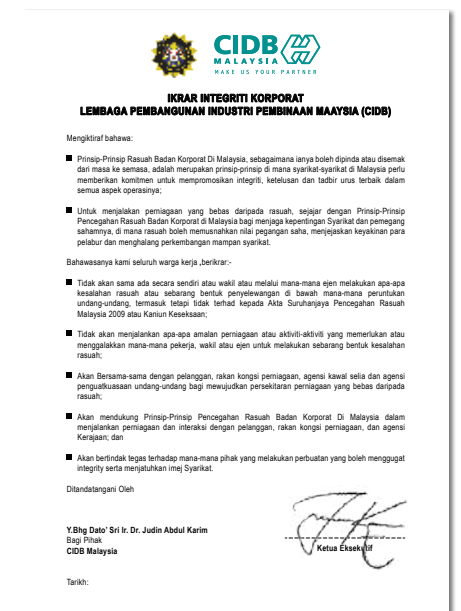
CIDB MALAYSIA SIGNED CORPORATE INTEGRITY PLEDGE WITH MALAYSIAN ANTI-CORRUPTION COMMISSION (MACC)

On February 14, 2013, CIDB Malaysia took a pertinent step towards integrity and fighting off corruption. By signing and taking the oath of the Corporate Integrity Pledge, CIDB Malaysia aims to ensure that matters between players in the construction industry and the general public are administered with a sense of responsibility and integrity.

CIDB Malaysia has made available online many of its processes including registration of contractors and construction personnel, in order to improve transparency. The signing was witnessed by MACC's Chief Commissioner, Tan Sri Abu Kassim Mohamed.



Dato' Sri Ir. Dr. Judin Abdul Karim, Chief Executive of CIDB Malaysia (right), signing a plaque stating the CIDB Malaysia Corporate Integrity Pledge, witnessed by Tan Sri Abu Kassim Mohamed, Chief Commissioner of the Malaysian Anti-Corruption Commission, during the CIDB Malaysia Corporate Integrity Pledge Signing Ceremony with MACC.



MCIEA 2013: CIDB MALAYSIA INTRODUCED A NEW INDIVIDUAL AWARD

CIDB Malaysia had introduced a new individual category at the Malaysian Construction Industry Excellence Awards (MCIEA) 2013 held in September. The new individual award created was the Construction Leading Lady Award.

The Construction Leading Lady Award gave recognition to a female individual with the best characteristics of a superior industrial activist; and had contributed significantly to the development of the Malaysian construction industry.

MCIEA is an annual event to recognise the construction industry players who had achieved excellence in the construction projects implemented. There are six categories and 20 awards competed including Best Contractor Award (contractors G1 to G6), Best Project Awards (for Infrastructure projects and Building projects), International Achievement Award, Special Award (Safety and Health Award, Green Construction Award, IBS and Innovation Award), the Builder of the Year Award (G7 Contractor) and also the Individual Prominent Player and CEO of the Year Award.



Prof. Sr Dr. Wan Maimun Wan Abdullah received the inaugural 'Construction Leading Lady Award'.

CONSTRUCTION LEADING LADY AWARD RECIPIENTS

2013 PROF. SR DR. WAN MAIMUN WAN ABDULLAH

2015 DATUK AR. TAN PEI ING

2016 DATUK IR. ROSALINE GANENDRA

2017 DATO' AR. NUR HAIZI ABDUL HAI

2018 PN. SITI MAJIDAH ABDUL MAJID
DATO' YEOH SOO KENG

2019 DATO' HASHIMAH HASHIM



The recipients of the MCIEA 2013 awards with the guest of honour, Dato' Sri Hj. Fadillah Hj. Yusof.



The Indonesian Works Minister, Mr. Djoko Kimanto lead a delegation to visit the Akademi Binaan Malaysia (ABM) in Cheras, Kuala Lumpur.



The Indonesian delegations visited the ABM in Cheras viewing the many trades being trained.

MEMORANDUM OF UNDERSTANDING (MoU) WITH BADAN PEMBINAAN KONSTRUKSI INDONESIA

The Malaysian construction industry has a long history of employing Indonesian workers for construction projects. Many of the workers have acquired knowledge and expertise throughout the years of working in the industry. Therefore, the Indonesian government was keen to get their skilled construction workforce in Malaysia to be trained and accredited by CIDB Malaysia with funds fully paid by the Indonesian government.

On the 31 March 2014, CIDB Malaysia through its training arm CIDB Holdings Sdn. Bhd., signed a Memorandum of Understanding (MoU) with the *Badan Pembinaan Konstruksi Indonesia* on the training and accreditation of skilled Indonesian construction personnel who are currently working in Malaysia. The auspicious occasion was witnessed by Dato' Sri Hj. Fadillah Hj. Yusof, Minister of Works, and Mr. Djoko Kirmanto, Minister of Kementerian Pekerjaan Umum dan Perumahan Rakyat, Republik Indonesia.

CIDB Malaysia through the *Akademi Binaan Malaysia* (ABM) has undertaken the training and accreditation of Indonesian skilled personnel in four trades, namely:

1. Bricklaying & Plastering
2. Plastering & Tiling
3. Carpentry, Bar Bending & Concreting
4. Building Decorative Painting



Signing of a Memorandum of Understanding between CIDB Holdings Sdn. Bhd., represented by Dato' Sri Ir. Dr. Judin Abdul Karim and the Construction Development Agency of Indonesia, represented by Mr. Ir. Hedyanto W. Husaini.



Tun Arifin Zakaria signing a plaque commemorating the opening of the Construction High Courts in Shah Alam and Kuala Lumpur.



Tun Arifin Zakaria inspecting the courtroom during the opening of the Construction High Court in Kuala Lumpur.

THE CONSTRUCTION COURTS ESTABLISHED IN KUALA LUMPUR AND SHAH ALAM

The first two Construction Courts in Malaysia, respectively in Kuala Lumpur and Shah Alam, were established on April 1, 2013. These specially designated courts to deal with disputes in the construction industry came into being after the CIDB Malaysia made a proposal to the judiciary in January the same year.

The establishment of the courts will certainly transform the way construction businesses in the country operate. Construction industry stakeholders can now have their disputes resolved by judges with specialist knowledge and experience in construction cases.

The establishment of the courts has placed Malaysia as the second country in the world that has a specialist court for construction. The first is the United Kingdom with their Technology and Construction Court.

The Construction Courts were officially launched by Chief Justice Tun Arifin Zakaria on April 14, 2014 after the physical courtroom was remodelled and renovated to suit the requirements of construction case proceedings. Designed with modern, minimalist concepts, the courts offer a more conducive operating environment, allowing better communication among judges, lawyers, and witnesses.

Among the new features are wider tables, large documentation storage space for lawyers and more spacious witness boxes to accommodate drawings and other documents often used as evidence in construction cases. The new courtrooms were also equipped with a ceiling mounted visualiser to project documents and large drawings, smart interactive white boards that enable documentary evidence to be annotated on screen and video conferencing facilities that allow trials to be conducted remotely.

Since the establishment of the Construction Courts, a total of 831 disputes were filed up to December 2014 and most of the cases were disposed within nine months. Construction court cases are specially coded "C" which enables analysis of construction cases.



Tun Arifin Zakaria cutting a ribbon to officially open the Construction High Court, witnessed by Dato' Sri Hj. Fadillah Hj. Yusof, Minister of Works (left) and Dato' Sri Hajah Nancy Shukri, Minister in the Prime Minister's Department.



Press conference with Tun Arifin Zakaria, Chief Justice of Malaysia.



THE FIRST INTERNATIONAL BIM DAY 2014

Held on 22 September 2014 in Kuala Lumpur, CIDB Malaysia launched the first International BIM Day 2014, which was held to introduce the Building Information Modelling (BIM) and its application in construction works. The BIM technology is highly advantageous in improving cost efficiency and reducing wastage; and the technology is deployed in the planning, design, construction and facility management of a construction project. It provides an object-oriented database that is made up of intelligent objects, the three-dimensional representation of integrated information, and a relational database that is interconnected.

The launch and conference saw experts from around the globe moderating the plenary sessions in an engaging manner. The information shared had led towards the industry's better understanding of BIM and its application in construction works.

The International BIM Day 2014 was officiated by the Deputy Minister of Works, Datuk Rosnah Abdul Rashid Shirlin alongside the Chief Executive of CIDB Malaysia, Dato' Sri Ir. Dr. Judin Abdul Karim and the Director of PROKOM, JKR, Ir. Hj. Mohd Daud Harun.

Subsequently, BIM Day was held in conjunction with the annual ICW.



CIDB MALAYSIA'S MOBILE APPS

In line with customer demand for updated information and notification at their fingertips through mobile devices, CIDB Malaysia developed myCIDB to strengthen its service delivery.

Downloadable for free via Google Play and Apple App Store, myCIDB application offers the following to users:

- Industry News Updates
- Contractor Information Search
- Construction Personnel Search
- Contractor Application Status Check
- Green Card Application Status Check
- Events and Training Updates
- CIDB Malaysia Directory

On October 14, 2014, MyCIDB apps emerged as the champion in the annual Ministry of Works Innovation Awards.



THE REBRANDING OF QLASSIC

For the first time, top QLASSIC scorers from 2012 and 2013 were recognised. They received their trophies from Dato' Sri Hj. Fadillah Hj. Yusof in a grand ceremony.

During the same event, the Kuala Lumpur City Council and various top developers and contractors such as Sime Darby Property, Putrajaya Holdings, Sunway Construction Sdn. Bhd., Naza TTDI, I&P Group, Metro Kajang and Dynasty View Sdn. Bhd. signed an MoU with CIDB Malaysia, agreeing to undertake QLASSIC as a tool to ensure quality workmanship in their building projects.



Managing Director of Sunway Construction Sdn. Bhd., Datuk Kwan Foh Kwai are among industry players who received a recognition award for high QLASSIC achievement from CIDB Malaysia Chief Executive, Dato' Sri Ir. Dr. Judin Abdul Karim as the Minister of Works Dato' Sri Hj. Fadillah Hj. Yusof looks on.



Kuala Lumpur City Mayor Tan Sri Ahmad Phasal Talib, signing an MoU with CIDB Malaysia on the implementation of QLASSIC and SHASSIC in projects under DBKL.

In 2014, CIDB Malaysia heightened promotional efforts for QLASSIC through the mass media by highlighting the benefits of QLASSIC and projects which have been assessed using QLASSIC. As a result, 272 projects (89% are from private sector) were assessed using QLASSIC, the highest number since it was first introduced. For the first time, the Implementation and Coordination Unit in the Prime Minister's Department (ICU) instructed five government ministries to get their projects assessed using QLASSIC.

To mark a new era in promoting quality in construction, CIDB Malaysia launched a new QLASSIC logo and introduced the new Construction Industry Standard CIS 7:2014 for quality workmanship in building construction.

While CIS 7: 2006 covers assessments on architectural works including material and functional tests, CIS 7: 2014 includes assessments on Mechanical and Electrical works and external works. There are also various changes and improvements made to further enhance the effectiveness of QLASSIC.

Property development projects that underwent QLASSIC assessment since 2007 include those by DBKL, Sime Darby Property, Sunway Construction Sdn. Bhd., Putrajaya Holdings, Naza TTDI, I&P Group, Metro Kajang, Dynasty View Sdn. Bhd., Worldwide Holdings Berhad, MK Land Holdings Berhad. Almost all of these property developers have pledged to assess their future development projects using QLASSIC.

In a move to further encourage the adoption of QLASSIC, CIDB Malaysia in 2014 gave the highest recognition to the developers and contractors who achieved excellent QLASSIC scores for their building projects in 2012 and 2013. The best projects for 2012 were the Quintet Gita Bayu Bungalow with a QLASSIC Score of 88%, while the Toyota 3S Project in Sibu secured Best Project for 2013 with a QLASSIC Score of 83%. Based on the success of this event, CIDB Malaysia plans to make the Quality Recognition an annual event.



Sr Joshua Kang, an independent QLASSIC assessor showing the media how to use different tools used to conduct an assessment.



The standard of assessment for the various building components in QLASSIC.



The CIDB National Accredited Renovation (CNAR) was launched by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof. An MoU signing was also held between KKR, KPKT, CIDB Malaysia and PKMM to symbolise the commitment and collaboration in strengthening Bumiputera contractors through CNAR.

CIDB NATIONAL ACCREDITED RENOVATORS (CNAR)

Renovation work is seen as a segment of construction industry with huge potential. The National Property Information Centre (NAPIC) estimated that more than 50,000 renovation projects are conducted every year with an estimated cost of RM50,000 for each project. Unfortunately, 92% of all the renovation works are carried out by contractors which are not registered with CIDB Malaysia and 67% involved foreign workers.

This situation had given rise to many disputes in terms of quality and there has been many cases of contractors who disappeared without completing their work.

Therefore, to enhance the capacity, capability and promote local registered contractors, CIDB Malaysia created the CIDB National Accredited Renovators (CNAR) programme. Under the CNAR programme, only registered contractors are qualified to carry out renovation works. A special category of contractors, B28 has been created for specialised renovation contractors. CIDB Malaysia is also partnering with the local authorities through the Ministry of Urban Wellbeing, Housing and Local Government and Kuala Lumpur City Hall to ensure that permits for housing renovation are issued with the expressed condition that the renovation works are undertaken by CNAR registered contractors.



The launching ceremony also held an exhibition and a press conference to further explain the details of the CNAR programme to the public.

PROTOTYPE OF AFFORDABLE AND SUSTAINABLE HOME UNVEILED

On 16 March 2015, CIDB Malaysia and Bayer Material Science launched a prototype house as a model for affordable and sustainable housing in Malaysia. Located in CIDB Malaysia's IBS Show Village, the project is a result of a partnership established in 2013 between Bayer Material Science and CIDB Malaysia to promote sustainable construction in Malaysia.

Built on a 2,000 sq. ft. site provided by CIDB Malaysia, the model house was completed within five weeks. The composite construction material, polyisocyanurate, has strong insulation properties which makes the house more energy efficient, thereby reducing its carbon footprint. Apart from being highly durable, the materials are also flood and fire-resistant, and able to withstand strong winds.



Dato' Sri Ir. Dr. Judin Abdul Karim (right) receiving a mock key from Richard Northcole (left), Bayer Material Science, witnessed by the Minister of Works (standing middle) Dato' Sri Hj. Fadillah Hj. Yusof.



IMPLEMENTATION OF ACT 520 (AMENDMENT 2011)

On June 1, 2015, the Minister of Works approved the implementation of Act 520 (Amendment 2011). The main objective of the amendment is to strengthen the CIDB Malaysia as the regulatory body, and to improve the quality of construction through compliance with the standards of quality of work and materials.

The amendments involve three main areas, namely:

- The improvement of quality through construction personnel registration, skills and competency accreditation;
- Quality assurance through standard compliance; and
- Enhancement of contractor's responsibilities and duties of site managers to include managing and ensuring the safety of a structure and construction work during and after construction.



LEARNING FROM DECIDED CONSTRUCTION CASES AND COMMENTARIES

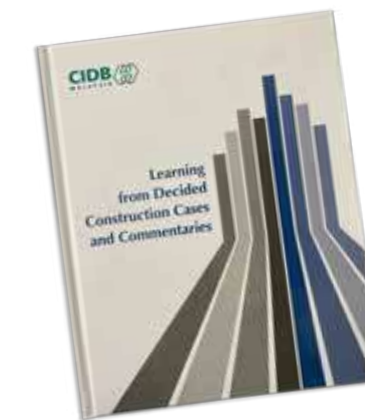
On June 4, 2015, the CIDB Malaysia and the judiciary joined hands to launch a compilation of construction disputes to boost knowledge and best practices in the fastest growing industry in the country.

The inaugural publication of "Learning from Decided Construction Cases and Commentaries" provides details of 22 selected cases that were trialled by the Construction Court between its establishment in April 2013 and December 2014.

Set to be an annual series by CIDB Malaysia, this publication provides insights into how the cases have been interpreted by the courts, and supplemented with views from industry and construction law experts.



The publication was launched by the Honourable Chief Justice, Tun Arifin Zakaria with the presence of Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASC., FIEM, the Chairman of CIDB Malaysia.



HEIGHTS: THE METAMORPHOSIS OF CIDB NEWS

CIDB News was first published as the source for news and coverage on CIDB Malaysia programme and events. Over the years, the coverage of the news bulletin had been updated to include industry news and sharing of success stories to promote the construction industry.

In conjunction with the CIDB Malaysia 20th Anniversary celebration in 2015, CIDB News was revamped and relaunched as "Heights", a progressive construction industry magazine covering trends and achievements in construction.



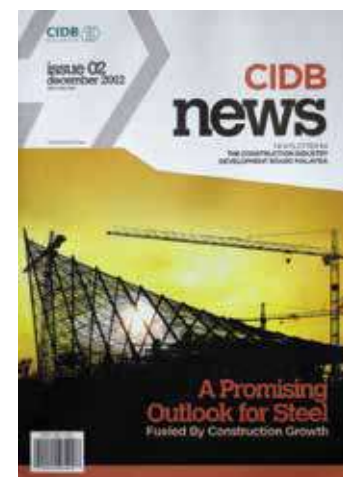
Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM, sticks a symbolic mock-up of Heights magazine onto a mock wall, during the official launch of CIDB Malaysia's revamped magazine, witnessed by Dato' Sri Ir. Dr. Judin Abd Karim, Chief Executive, CIDB Malaysia (extreme right), Sr Sariah Abd Karib, Senior General Manager, Corporate & Business Sector (extreme left) and Nurul Huda Kamalul Ariffin.



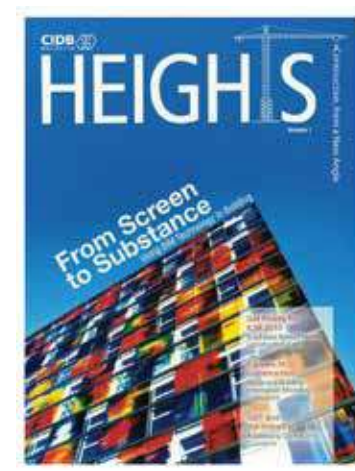
Tan Sri Dato' (Dr.) Ir. Jamilus Hussein (left) and Ir. Mohtar Musri (right) catching up on the latest updates on Heights.



1998



2012



2015



2020

From left: Sr Sariah Abd Karib, Senior General Manager, Corporate & Business Sector; Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM, Chairman, CIDB Malaysia; and Dato' Sri Ir. Dr. Judin Abd Karim, Chief Executive, CIDB Malaysia, browsing Heights magazine during its launch at CIDB Convention Centre.

THE CONSTRUCTION INDUSTRY TRANSFORMATION PROGRAMME (CITP)

The CITP was launched by the Prime Minister Dato' Sri Mohd. Najib Tun Abdul Razak, during the opening ceremony of International Construction Week 2015 (ICW 2015) at the Putra World Trade Centre on September 10, 2015. The programme, which outlined five-year goals to be achieved by the construction industry from 2016 to 2020, carries the theme 'Driving Construction Industry Excellence Together'. The theme was chosen in realisation that there were many stakeholders and industry players who must change their ways for any transformation in the industry to take place. Policies that will impact the construction industry do not come from CIDB Malaysia alone. Decisions and policies made by various federal levels, from state to local level agencies will impact the industry. As such, the CITP banner is one that must be carried by all agencies and all industry players, each making changes happen at their own level, capacity and jurisdiction.



Dato' Sri Mohd. Najib Tun Abdul Razak, Prime Minister of Malaysia, launching the CITP in PWTC.



Dato' Sri Mohd. Najib Tun Abdul Razak, Prime Minister of Malaysia, during the opening speech for ICW 2015 at PWTC.

By the end of 2015, more than 30 organisations have pledged their support and commitment to achieve the goals of CITP. In recognition of the value of a transformed construction industry to the overall economic growth, the CITP was included as part of the 11th Malaysia Plan, which is the last five-year plan before the country reaches the year 2020, and its goal to become a developed nation.

The CITP offers four strategic thrusts: Quality, Safety and Professionalism; Environmental Sustainability; Productivity; and Internationalisation. The outcomes of CITP will be truly transformative by the end of its five years journey. CITP targets for an industry culture that would be based upon the principles of quality, safety and professionalism. Malaysia's sustainable infrastructure will be seen as a model for the emerging world. The construction industry would witness double its productivity; and match the increased productivity with higher wages.

Finally, Malaysian construction industry champions will be born, and they will lead the charge both locally and globally. All of this will build on a bedrock of strong and effective multi-stakeholder collaborations. With the CITP as a framework, the CIDB Malaysia and the industry stakeholders and players will drive construction excellence together.

INTRODUCTION OF CIDB MALAYSIA FELLOWSHIP AWARDS

The CIDB Malaysia Fellowship Awards was introduced in 2015 to recognise industry individuals who have made a positive impact in the construction industry. More than just executing projects, they pay special interest towards the development of the industry as a whole or in their respective fields.

For 2015, a total of 65 outstanding individuals who had contributed to the construction industry were celebrated and given due recognition. A grand night of festival and celebration took place in Kuala Lumpur on 20 November 2015 to celebrate these outstanding individuals.

The Fellows extraordinary lives, backgrounds, contributions and achievements were also embodied in a Special Publication by CIDB Malaysia aptly named CIDB Fellows, and these individuals were recognised into the lifetime honour roll of CIDB Malaysia.

The CIDB Malaysia Fellowship Award recipients are further added on every 3 years.



Dato' Sri Hj. Fadillah Hj. Yusof as the guest of honour looking at the photos of the CIDB Fellows being conferred.



CIDB Fellows autographing their photos during the Fellowship Awards Night.



- | | | |
|---|--|--|
| 1 PROFESSOR DATO' IR. ABANG ABDULLAH ABANG ALI | 22 AR. HIJJAS KASTURI | 44 DATUK NG SEING LIONG |
| 2 DATU HAJI ABANG HELMI BIN IKHWAN | 23 IR. DR. JACOB YAN NGAI NEN @ YAN YIH NAN | 45 TAN SRI DR. NGAU BOON KEAT |
| 3 DATUK Sr DR. ABDUL KADIR BIN TAIB | 24 TAN SRI (DR). IR. JAMILUS BIN HUSSEIN | 46 AR. HJH. NOORISAH BINTI ABDUL SHUKOR |
| 4 SENATOR TAN SRI DATO' ABDUL RAHIM ABDUL RAHMAN | 25 TAN SRI DR. JEFFREY CHEAH | 47 PROF IR. DR. NORIDAH IBRAHIM |
| 5 DATUK PROF. HJ. ABDUL RAHMAN BIN ABDULLAH | 26 PROFESSOR DR. JIMMY LIM CHEOK SIANG | 48 DATO' AR. NUR HAIZI BINTI ABDUL HAI |
| 6 DATO' DR. IR. HJ. ABU HASHIM ABD. GHANI | 27 DATO IR. DR. JOHARI BIN BASRI | 49 Sr ONG SEE LIAN |
| 7 TAN SRI DR. IR. AHMAD TAJUDDIN ALI, FASc., FIEM | 28 DATO' PADUKA IR. (DR.) HJ. KEIZRUL BIN ABDULLAH | 50 DATUK DR. IR. OW CHEE SHENG @ AW HEE TENG |
| 8 TAN SRI DATO' ACADEMICIAN IR. AHMAD ZAIDEE BIN LAIDIN | 29 DATO' DR. KENNETH YEANG KING MUN | 51 PROF. EMERITUS DATO' AR. PARID WARDI BIN SUDIN |
| 9 IR. ALHADI BIN HAJI IBRAHIM | 30 TAN SRI DATO' KRISHNAN TAN BOON SENG | 52 DATUK P. KASI |
| 10 IR. Sr ALEX TING KUANG KUO | 31 DATUK KWAN FOH KWAI | 53 DATUK PRAGASA MOORTHY A/L KRISHNASAMY |
| 11 DATO' DR. AR. HJ. BAHARUDDIN BIN ABU KASSIM | 32 DATUK LAI JAAT KONG @ LAI FOOT KONG | 54 DATO' AR. PUTEH KAMARIAH BINTI MOHAMAD |
| 12 TAN SRI DATUK AR. CHAN SAU LAI | 33 LAI MOO CHAN | 55 Sr HJH. ROHANI BINTI KENDUT |
| 12 Sr CHUA SIOW LENG | 34 DATUK LAI SIEW WAH | 56 DATUK ROSLAN AWANG CHIK |
| 14 DINESH KUMAR NAMBIAR | 35 IR. LAU MUN CHEONG | 57 DATO' Sr SRIKANDAN KANAGAINTHIRAM |
| 15 TAN SRI DATUK EDDY CHEN LOK LOI | 36 LOU CHI NAM | 58 TAN SRI DATO' IR. TALHA BIN HAJI MOHAMAD HASHIM |
| 16 TAN SRI DATO' SRI AR. HJ. ESA HJ. MOHAMED | 37 DATUK Sr HAJI MALAYA AYALAMSHAH BIN SIBUKU | 59 TAN JIT KEE |
| 17 DATO' GOH CHYE KEAT | 38 DATUK SERI MICHAEL YAM KONG CHOY | 60 DATO' IR. TAN KIA LOKE |
| 18 DATO' GOH CHYE KOON | 39 DATO' MOHD HARIS BIN ABAS | 61 TAN SRI DATUK TEE HOCK SENG |
| 19 DATO' IR. DR. GUE SEE SEW | 40 MOHAMED BIN MOHD NURUDDIN | 62 TAN SRI DATO' IR. (DR.) TEO CHIANG KOK |
| 20 DATO' AR. HAJI HAJEEDAR ABDUL MAJID | 41 DATO' Sr MOHAMED BIN GADING | 63 TAN SRI DATO' IR. DR. WAN ABDUL RAHMAN BIN WAN YAACOB |
| 21 DATUK IR. HAMZAH HASAN | 42 TAN SRI DATO' MOHD SHERIFF BIN MOHD KASSIM | 64 DATO' IR. ZAIDAN HAJI OTHMAN |
| | 43 DATO' HJ. MOKHTAR BIN SAMAD | 65 TAN SRI ZAINI BIN OMAR |



The launch of Build Brigade by the Minister of Works.



Handover of the Al-Mukminin prayer hall in Papar, Sabah, following restoration work by the Build Brigade Programme, CIDB Malaysia's CSR initiative.



The Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof installing a piece of tile during a CSR project in Kemaman, Terengganu.



Datuk Rosnah Abdul Rashid Shirlin signing a symbolic spade to mark the opening of the CSR Programme in the traditional village of Lembah Kriang, Changlun, Kedah.

THE LAUNCH OF THE BUILD BRIGADE

The CIDB Malaysia and its subsidiaries have been active in various Corporate Social Responsibility (CSR) initiatives to benefit the community in which it operates. On 25 November 2015, the CIDB Malaysia launched the Build Brigade as a platform to consolidate its CSR efforts and those of the construction industry players, in order to make a more significant impact to communities in need. Projects chosen for the Build Brigade CSR initiatives are restoration or building of shared facilities such as community halls and kindergartens. Since its establishment, the CIDB Malaysia and industry players have embarked on more than 10 CSR projects in Kelantan, Terengganu, Pahang, Perak, Johor, Sabah and Sarawak with more than RM500,000 in contributions from CIDB Malaysia and the industry.

QLASSIC DAY 2015 RECOGNISING INDUSTRY PLAYERS WITH HIGH QLASSIC SCORES

The first Quality Assessment System in Construction (QLASSIC) Day was held in 30 November 2015 to recognise industry players who had shown their commitment and excellence in producing high quality workmanship through achieving high QLASSIC scores in 2014. In a ceremony officiated by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof, developers and contractors who had achieved a high score of 80 and above in QLASSIC were celebrated in an event to recognise their quality works in construction. The QLASSIC Excellence Awards was also created to strengthen the industry and inspire a more vibrant spirit of competition among industry players.

QLASSIC is an assessment system that measures and evaluates the workmanship quality of a building construction work based on the Construction Industry Standard CIS 7: 2014. It worked on the concept of 'doing things right the first time and every time'.

The QLASSIC Day 2015 Awards is divided into three categories: High QLASSIC achievers, for those with scores of 80 and above; Best QLASSIC Achievement - Residential (Large, Medium and Small) and Non-Residential (Large, Medium and Small); in addition to a Special Appreciation Category for one developer, one contractor and two government agencies. In 2014, 24 out of 272 projects assessed using QLASSIC managed to achieve a score of 80 and above.

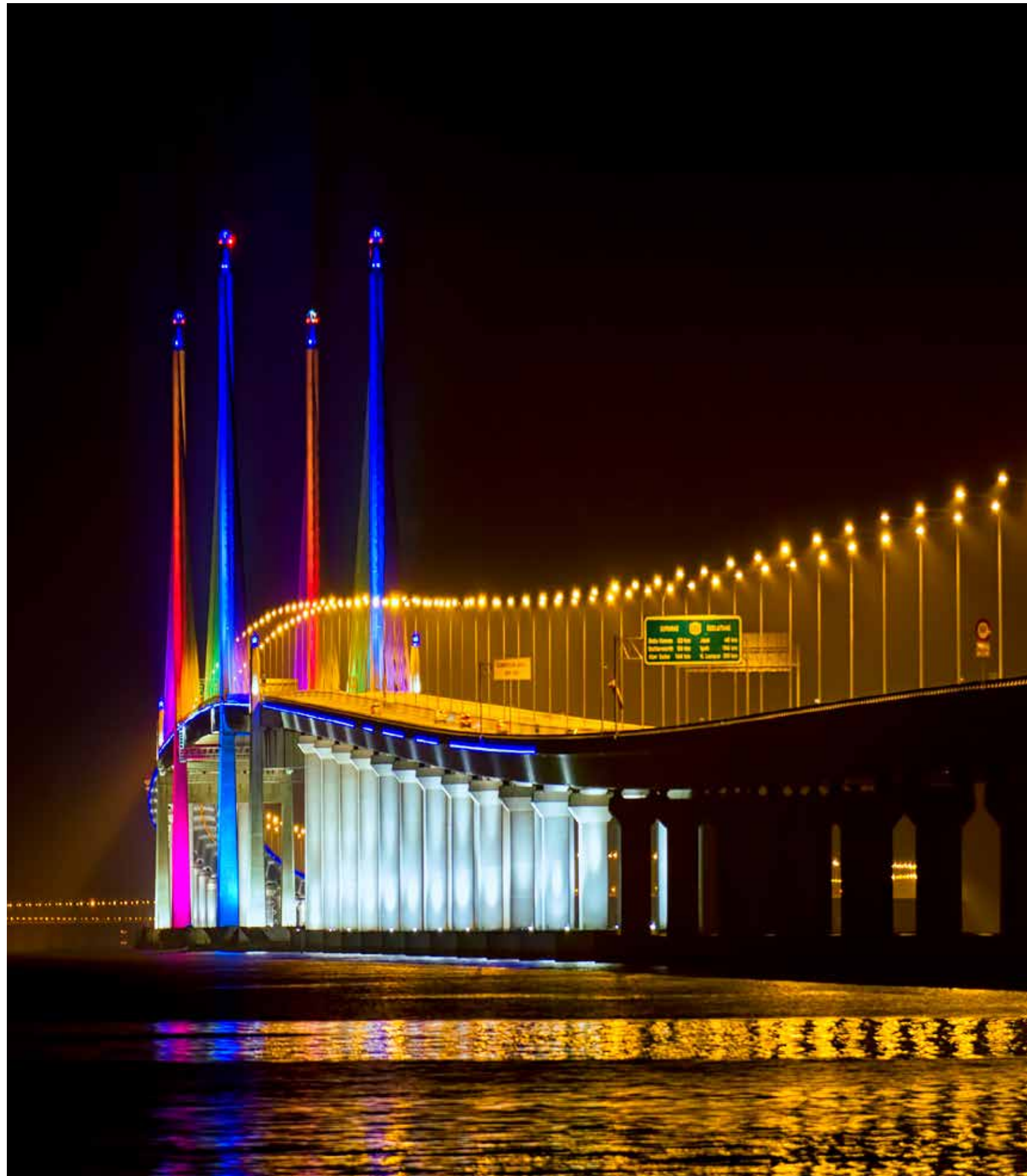
A total of 180 projects had been recognised for their excellent quality from 2015 until 2020. The year 2020 also witnessed the highest QLASSIC score ever awarded to a residential project in Johor Bahru with a score of 90%.



2016 - 2020

The Transformative Years





The *Transformative* Years 2016 - 2020

TRANSFORMATION TOWARDS SUSTAINABILITY

This era saw CIDB Malaysia implementing the Construction Industry Transformation Programme (CITP) in full force, setting in motion a string of events transforming the construction industry to be highly productive, environmentally sustainable, with globally competitive players while focused on safety and quality standards.

In terms of meeting the demands and needs for manpower and the respective training, the #SKILLSPOWER campaign was launched to encourage more locals to join the industry. In addition, several industry apprenticeship programmes were made available to prepare and produce more skilled workers for the industry.

In the technology front, the industry saw major transformations in the usage of Building Information Modelling (BIM) and the advanced usage of IBS in construction. The first CIDB myBIM Center and its satellite branches were launched nationwide, to further accelerate the usage of BIM in construction processes.

In 2019, the whole world was shocked by an unprecedented health issue – the emergence of the COVID-19 pandemic. Brought down to its knees, nations worldwide were forced to shut their industries, economies, education, travel and social sectors in an effort to curb the spread of the disease. The Malaysian construction industry was badly hit – in terms of its economic turnaround, plus the high infectivity rate amongst its workers.

However, the pandemic was not without a silver lining – the construction industry quickly transformed and adapted to the new normal. New regulations, Standard Operating Procedures (SOPs) and methods were introduced to enable the industry to move forward even in the times of crisis. For the first time ever, the industry held conferences and events virtually, namely ICW 2020 and several other construction exhibitions.

The launch of the Construction Revolution 4.0 (CR 4.0), a 5-year Construction Industry Strategic Plan, was introduced with the objective to transform the Malaysian construction industry to be smart, sustainable and progressive using digital technology and innovations. Coming at the right time because of the COVID-19 global pandemic, CR 4.0 intends to transform and accelerate the technological adoption in the industry. Promoting the use of the latest technologies such as Artificial Intelligence (Ai), Augmented Reality (AR) and 3D printing, CR4.0 focuses on changing the landscape of the Malaysian construction industry to be future ready by embracing smart construction.

'INCREDIBLE INDIA' SEMINAR AT ICW 2016

In conjunction with the International Construction Week (ICW) 2016, a business opportunity seminar entitled 'Incredible India' was organised by CIDB Malaysia and CIDB Holdings Sdn. Bhd. on 14 April 2016.

Officiated by the Secretary General of the Ministry of Works, Dato' Sri Zohari Hj. Akob, the seminar was attended by participants from Malaysia and India; and they shared the latest knowledge and developments in the Asian construction industry. Also present was T. S. Tirumurthi, the Indian High Commissioner to Malaysia.

The seminar presented opportunities for Malaysian investors and the business community to get involved in development projects in India; and also gave credit to Malaysian contractors who had portrayed build professionalism and quality in implementing past projects in India. Among the successfully completed projects by Malaysian contractors in India were road and highways, water-industry related projects and large-scale housing. Also discussed were policies that were introduced by the Government of India for foreign direct investment into the country.



The Malaysian construction industry stakeholders posing in a group photo during the 'Incredible India' seminar.

GREEN PASS - GREEN RATING TOOL

In July 2012, CIDB Malaysia introduced the Green PASS as a green rating tool for the construction industry. Green PASS is an assessment tool to measure and rate the sustainability performance of a building. It estimates the carbon emission from building construction works and building operations. Green PASS is designed to conform to standards that promote sustainable construction in an integrated manner with other Construction Industry Standards (CISs). It is an independent construction standard that assesses and rates the impact of building construction upon the environment.



Mr. Sazali Che Amat explaining a point on MyCREST with Dato' Sri Ir. Dr. Roslan Md Taha, Deputy Director General of Public Works Department, during a MyCREST industry briefing session.



Mr. Sazali Che Amat giving the briefing on MyCREST to the construction industry.

MyCREST

MyCREST is Malaysia's first Carbon Reduction and Environmental Sustainability tool. It was developed in 2014, as a joint venture effort between CIDB Malaysia and the PWD. MyCREST is an evaluation system that integrates sustainability impacts with carbon indicator for a particular building. For the first phase of MyCREST development assessment, it can be done during design, construction and operation & maintenance stage.

MyCREST has its root in two systems: Green PASS and pHJKR, a Green Rating system developed by the PWD for government projects.



Some of the delegates who attended the MyCREST Briefing Session with the Construction Industry.



MyCREST LAUNCHED

Launched on 12 May 2016 by Dato’ Sri Hj. Fadillah Hj. Yusof, the Minister of Works, marked the commitment between the government and the private sector to succeed in green growth efforts, in ensuring environmental sustainability in Malaysia. This event was attended by many representatives and stakeholders from both the government and private sectors.

MyCREST is a green rating tool that aims to measure and reduce carbon emissions and environmental implications, from the pre-design phase to sustainable waste management. The tool also takes into account the cultural, social and security aspects of infrastructure, which in turn adds value to existing strategies to drive the green agenda. With the launch of MyCREST, more green and sustainable building construction would be encouraged.

The construction industry is one of the major contributors to gross domestic product (GDP) with its growth rate expected to outpace the growth of the Malaysian economy as a whole. As the number of industries and individuals dependent on the construction industry is high, it is needed to ensure this industry remains sustainable and resilient. The MyCREST Programme is in line with the Government’s goal under the 11th Malaysia Plan to realise Malaysia’s aspirations towards green growth to increase sustainability and resilience.

MyCREST was jointly developed by the Public Works Department (JKR) and CIDB Malaysia.



MyCREST TOOLS

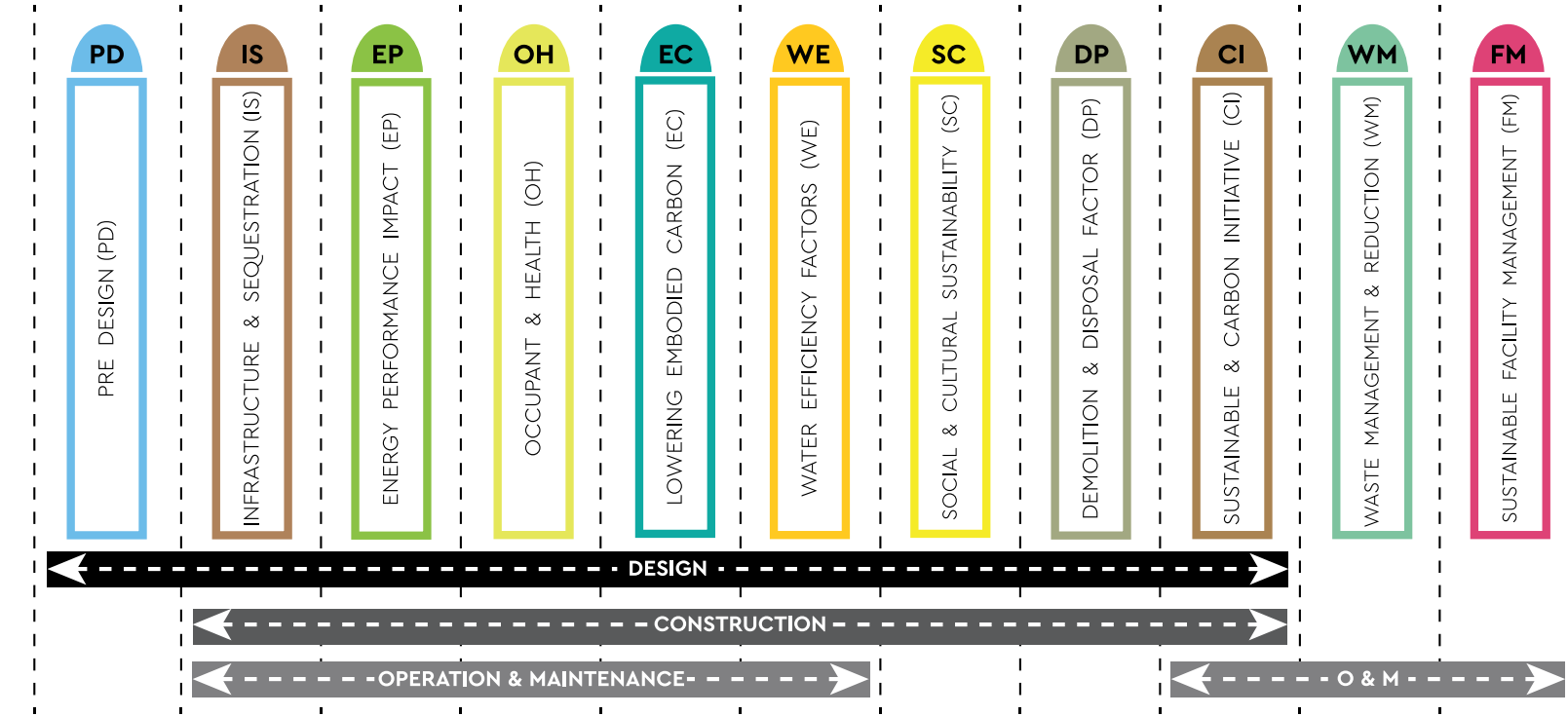
MyCREST essentially combines three basic tools in order to construct a ‘scoring plan’ which is then used to assess a building for certification.

MyCREST basic tools is represent of how MyCREST assessment, recognition and award is given separately to the three basic stages of the building lifecycle:

DESIGN STAGE	CONSTRUCTION STAGE	OPERATION & MAINTENANCE STAGE
• Design Tool	• Construction Tool	• Operation & maintenance tool

Each tools is the basis of the ‘star’ rating for each phase of the project. MyCREST awards different star rating to the different phase of the project and will award an overall star rating. In this way, all three phases of the project is assessed.

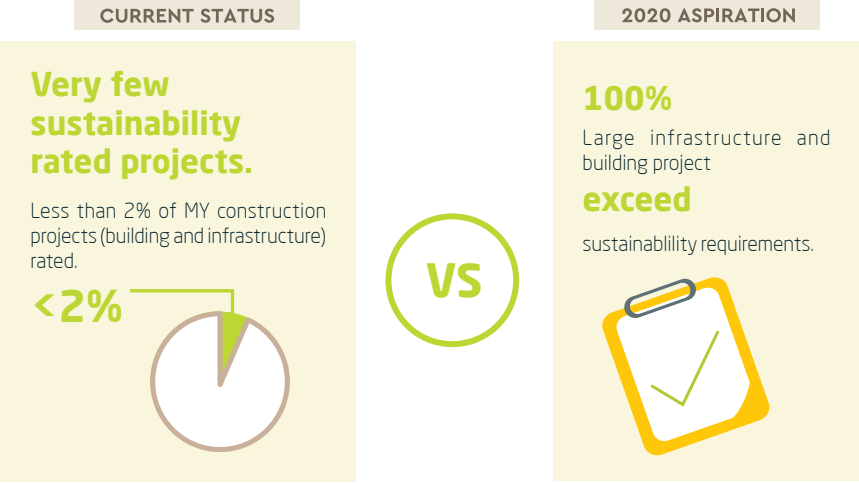
MyCREST ASSESSMENT CRITERIA



RATING CLASSIFICATION

MyCREST RATING	PERCENTAGE SCORE (%)
★★★★★	80 – 100
★★★★	70 – 79
★★★	60 – 69
★★	50 – 59
★	40 – 49

The table above shows MyCREST star ratings awarded and their respective scores.





COLLABORATION TO ENHANCE SAFETY

The Construction Industry Development Board Malaysia (CIDB Malaysia) and Department of Occupational Health and Safety (DOSH) signed a collaboration document on the 23rd of May 2016, to mark their commitment to elevate the level of occupational safety and health in the Malaysian construction industry.

The collaboration was to support the first Strategic Thrust of the Construction Industry Transformation Programme (CITP) 2016 - 2020, which is enhancing Quality, Safety and Professionalism of the construction industry. The collaboration is also in line with the National Occupational Safety and Health Master Plan for Malaysia 2020 (OSHMP 2020). The main objective of OSHMP 2020 is to enhance the quality of life and to build a safe, healthy, productive and innovative pool of human capital. A safe and healthy work culture will contribute towards enhancing productivity and competitiveness in all organisations throughout the nation.

Under the collaboration, both organisations agree to pool their resources and work closely to reduce the fatality rate in the construction industry - with 89 fatalities per 100,000 workers in 2014 and 140 in 2015.

The numbers are alarming as shown by DOSH's statistics - out of the total of 668 fatalities in the occupational hazard cases, construction accounts for 21 percent of the cases in 2015.

The collaboration document was signed by CIDB Chief Executive Datuk Ir Ahmad 'Asri Abdul Hamid and DOSH Director General, Dato' Ir. Mohtar Musri.



MoU SIGNED TO PROMOTE IBS

The Malaysian Investment Development Authority (MIDA) and the CIDB Malaysia entered a partnership with the signing of a Memorandum of Understanding (MoU) to boost productivity and sustainability practices for investment in the manufacturing, services and construction sectors.

Signing on behalf of MIDA and CIDB Malaysia respectively were Dato' Azman Mahmud, the Chief Executive Officer of MIDA and Datuk Ir. Ahmad 'Asri Abdul Hamid, the Chief Executive of CIDB Malaysia. They were witnessed by Tan Sri Amirsham A. Aziz, the Chairman of MIDA and Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM, the Chairman of CIDB Malaysia.

Held on 5 August 2016, the key areas of collaboration between MIDA and CIDB Malaysia under the MoU included enhancing the adoption of Industrialised Building Systems (IBS), encouraging sustainable practices and promoting compliance to construction material standards amongst construction industry players in Malaysia. Towards this end, both agencies leveraged on each other's strength and resources to conduct joint programme in policy and advocacy, awareness, promotion and education.

The signing of the MoU further deepened this strategic collaboration, particularly in enhancing the adoption of IBS in Malaysia. As part of the MoU, MIDA collaborated with CIDB Malaysia to provide advisory and other policy advocacy on matters relating to incentives, investment opportunities on IBS, green initiatives and building

materials. For instance, companies manufacturing IBS components are eligible for an income tax exemption from 70% to 100% of the statutory income for a period of five years.

The partnership between the two government agencies was in line with the CITP, a five-year plan formulated by the Ministry of Works and CIDB Malaysia in consultation with construction industry players and stakeholders to elevate the standards of the local construction industry via four key thrusts which are Quality, Safety and Professionalism; Environmental Sustainability; Productivity; and Internationalisation.

As part of the initiative to increase productivity in the construction industry, MIDA and CIDB Malaysia worked closely to enhance the adoption of IBS amongst its players. This was in line with the Productivity thrust of the CITP, which had identified modern construction techniques as one of the key drivers to increase productivity by two-and-a-half times.

IBS is a modern technique of construction whereby building components are manufactured either off-site or on-site and then installed into on-going construction works. The CITP targets that by 2020, 100% of public projects worth RM10 million and above must achieve a minimum IBS score of 70 whereas for private projects, the goal is to attain a minimum IBS score of 50.



CITP COMMITTEES ESTABLISHED INVOLVING 228 INDUSTRY LEADERS

The CITP, Malaysia's national blueprint for a transformation of the construction industry, took an important step forward towards its full implementation with the establishment of 23 committees. The committees comprise of 115 industry leaders from the public sector and 113 from the private sector.

The establishment of the committees, which was held in Kuala Lumpur on 26 May 2016, is part of the governance structure which was critical for the success of the CITP. The committees, which were called Initiative Working Group (IWG) for CITP, were entrusted to steer and monitor the implementation of the 18 initiatives under the CITP spread over four strategic thrusts. The 18 initiatives incorporated clear objectives and KPIs, timelines and key stakeholders involved, particularly those from the industry.

The IWGs were composed of key individuals from the Ministries, agencies and industry players, reflecting the importance of getting the buy-in from all stakeholders. This was in line with the CITP tagline, 'Driving Construction Excellence Together'. The IWG reported to the Thrust Working Group (TWG), representing the four strategic thrusts of CITP. The TWG were represented by distinguished members of the construction industry.

1. Quality Safety and Professionalism

TWG Chair: Dato' Sri Zohari Haji Akob
Secretary General, Ministry of Works
Co-Chair: Dato' Ir. Jauhari Hamidi
Managing Director, Property Division,
Sime Darby Berhad

2. Environmental Sustainability

TWG Chair: Tan Sri Dato' (Dr.) Ir. Jamilus Hussein
President/ Chief Executive Officer of KLIA Premier
Holdings Sdn. Bhd.
Co-Chair: Datuk Lim Keng Cheng
Managing Director, Ekovest Bhd.

3. Productivity

TWG Chair: Dato' Sr Srikandan Kanagaintiram
Managing Director, KPK Quantity Surveyors Sdn. Bhd.
Co-Chair: Datuk Kwan Foh Kwai
Non-Independent Non-Executive Director,
Sunway Construction Berhad

4. Internationalisation

TWG Chair: Tan Sri Dr. Ir. Ahmad Tajudin Ali FASc., FIEM
Chairman, CIDB Malaysia
Co-Chair: Dato' Sri Ir. Dr. Judin Abdul Karim
Former Chief Executive, CIDB Malaysia and
Chairman, CIDB Holdings Sdn. Bhd.

The TWGs were responsible to address roadblocks in the implementation of the CITP, and when necessary, escalate issues up the chain to the CITP Ministerial Committee. The Ministerial Committee was accountable for the success of the CITP and provided periodical updates to the cabinet and the Special Committee on Services Sector chaired by the former Prime Minister, Dato' Sri Mohd. Najib Tun Abdul Razak.

To fulfill the need for a strong coordinating body, CIDB Malaysia had established a Programme Management Office (PMO) to track and monitor the progress of the CITP targets. In line with the effective industry collaboration, CIDB Malaysia had signed collaborations with 42 organisations in various fields such as training, implementation of quality, safety and sustainability tools and guidelines. In addition, 158 organisations had signed the CITP Pledge.



A series of photos taken during the many CITP Ministerial Committee meetings and press conferences held at the Ministry of Works.



CITP PLEDGE SIGNING WITH 78 ORGANISATIONS IN KOTA KINABALU

Construction industry activists and agencies relevant in the state of Sabah expressed strong support for implementation of the CITP by signing the CITP Commitment. A total of 78 organisations had signed the commitment before Tan Sri Datuk Seri Panglima Musa Hj. Aman, the Chief Minister of Sabah and Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof; in conjunction with the Graduation Ceremony of the *Akademi Binaan Malaysia* (ABM) held on 5 September 2016.

The Chief Minister of Sabah said the Sabah state government will give high support in the implementation of CITP and will cooperate with CIDB Malaysia in order for the CITP goals to be achieved. The pledge signed makes 233 total CITP Pledges signed so far nationwide. CITP is a comprehensive implementation plan for the construction industry which was included as part of the 11th Malaysia Plan, aiming to streamline the industry for a major leap forward.

Also present at the ceremony were the Deputy Minister of Works, Datuk Rosnah Hj. Abdul Rashid Shirlin, the Sabah Minister of Infrastructure Development, Tan Sri Datuk Seri Panglima Joseph Pairin Kitingan, the Secretary General of the Ministry of Works, Dato' Sri Zohari Hj. Akob, the Chairman CIDB Malaysia Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM and the Chief Executive CIDB Malaysia, Datuk Ir. Ahmad 'Asri Abdul Hamid.



CENTRE OF RESEARCH EXCELLENCE CONSTRUCTION ON PEAT SOILS (COPS)

A Centre of Research Excellence for Construction on Peat Soils (CoPS) was established by the Construction Research Institute of Malaysia (CREAM) on 6 September 2016. The launch was officiated by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof, in Kuching, Sarawak.

The CoPS secretariat office; located at the Faculty of Engineering, Universiti Malaysia Sarawak (UNIMAS), conducted and systematically coordinated construction-related studies on peat soils; and provided a comprehensive database analysis on construction procedures, soil profiles and other related issues of construction on peat lands. The study collaboration between CREAM and UNIMAS managed to form a construction model on peat soils that were holistic, economical, environmentally-sensitive and resilient.

A CoPS framework (Blueprint CoPS 2016 - 2020) had also been developed as a long-term strategic planning; with a vision to head peat lands construction expertise by conducting research, development, consultation, and collaboration with the industry players. Among the core clusters that would drive CoPS are geotechnical fields, highways/ transportation, structures/ materials, data computing, plus environmental and sustainable construction.

Through the concept of technology transfer, CoPS aims to issue programme, best practices, publications, guidelines and construction standards. CoPS targets to become the premier centre of excellence for the development and research of construction on peat lands in Malaysia.



The VIPs present during the launch of CoPS in Kuching, Sarawak.



CONFERENCE ON SUSTAINABLE AND RESILIENT CONSTRUCTION

CREAM organised a conference entitled 'Towards Sustainable and Resilience Construction in Malaysia', in collaboration with the Faculty of Engineering, Universiti Malaysia Sarawak (UNIMAS) on 6 September 2016 in Kuching, Sarawak. Officiated by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof, the one-day conference saw over 200 participants in the seminar which consisted of government officials, local authorities (PBT), construction industry stakeholders, geotechnical engineers, professionals and government agencies.

The conference was held to gather local experts to share experiences and information on climate change phenomena such as the 2014 major floods in Kelantan, the 2015 earthquake in Ranau, various nationwide landslides and other natural catastrophic events. These incidents had caused huge losses to the government; in addition to the loss of property and income of the population. The conference served as a step forward in finding a feasible formula for the government in making future planning to overcome these disastrous challenges.



CIDB MALAYSIA CONSTRUCTION MEDIA AWARDS 2016 GOES NATIONWIDE

The CIDB Malaysia once again hosted the CIDB Malaysia Construction Media Awards; only this time with participation open to media practitioners from the state of Sabah and Sarawak. This awards event was a collaboration between CIDB Malaysia and the Ministry of Works to acknowledge the important role played by the media industry in the building and development sector.

The CIDB Malaysia Construction Media Awards is a prestigious construction media award that was previously concentrated in Peninsular Malaysia. Now, going nationwide, it had the full cooperation of the Ministry of Works (KKR), the Malaysian Press Institute (MPI), the Kuching Division Journalists Association (KDJA) and the Sabah Journalists Association (SJA) which also acted as the secretariat.

The awards were presented at the KKR Media Night in September, offering accumulated cash prizes up to RM90,000 for all categories. There were 3 categories open for contest, which are Print Media Awards (News & Articles), Electronic Media & Online Broadcasting Awards (News & Articles) and Photography Awards. The first winner of each category received a cash prize of RM5,000 while the second and third winners received RM3,000 and RM2,000 respectively with a certificate of appreciation and trophy.

CIDB Malaysia had welcomed more media practitioners nationwide to submit their respective works in participating in this annual event in the future. The content submitted should revolve around construction issues or issues pertaining to the CITP namely Quality, Safety and Professionalism; Environmental Sustainability; Productivity; and Internationalisation of the Construction Industry.

The CIDB Malaysia Construction Media Awards was first introduced in 2015 to express CIDB Malaysia's gratitude and appreciation to the media practitioners in conjunction with its 20th anniversary. At the same time, CIDB Malaysia wanted to recognise media contributions through works that greatly enhance general awareness of important issues related to the construction sector such as green sustainability, mechanisation, quality of work, safety and health at the construction site.



The winners of the CIDB Malaysia Construction Media Awards 2015 which was held in Kuala Lumpur.



The winners of the CIDB Malaysia Construction Media Awards 2017 which was held in Kuching, Sarawak.



The winners of the CIDB Malaysia Construction Media Awards 2019 which was held in Kota Kinabalu, Sabah.

QLASSIC IMPLEMENTATION PLEDGE SIGNING IN CYBERJAYA

Cyberjaya showed its commitment in promoting high quality workmanship for its development, when six of its main developers signed the pledge on QLASSIC implementation on their projects on 2 October 2016.

The Quality Assessment System in Construction (QLASSIC), is a system or method to measure and evaluate the workmanship quality of a building construction work based on Construction Industry Standard (CIS 7). QLASSIC enables the quality of workmanship between construction projects to be objectively compared through a scoring system, bridging on the concept of 'doing things right the first time and every time'.

By agreeing on the QLASSIC implementation, the developers proved their commitment in delivering high quality products to clients and purchasers.

The group of developers was led by master developer, Setia Haruman Sdn. Bhd. with Cyberview Sdn. Bhd., Emkay Group, Ikkhasas Sdn. Bhd., MCT Bhd., Paramount Corporation Berhad, Seri Mutiara Development Sdn. Bhd. and Tujuan Gemilang Sdn. Bhd. committing to the initiative. The pledge focused on ensuring compliance in all construction projects to the Construction Industry Standard (CIS 7). It also supported efforts to promote QLASSIC during awareness campaigns and promotional events; and to also increase the adoption rate of QLASSIC towards developing better and more liveable cities.



CIDB Malaysia Chairman, Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM present a speech at the pledge signing ceremony.



Pledge signing ceremony by developers in Cyberjaya on the adoption of QLASSIC.



D3 - DIVERGENT DWELLING DESIGN

D3, which stands for Divergent Dwelling Design, was developed as a result of a research project by CREAM on the Development of Affordable Sustainable Housing for Middle Income Group in the Klang Valley. The research was conducted in collaboration with G&A Architects, focused on providing a standard design to address the issue of affordability, adaptability and value.

Sime Darby Property Berhad improved the design for commercial viability and piloted the D3 concept in its affordable housing project Harmoni 1, in its City of Elmina Township in January 2017.

Using the D3 concept, developers were able to deliver quality homes at a lower cost and within a much shorter timeframe of between 24 and 30 months via the usage of IBS components. In comparison, conventional construction methods could take up to 42 months to complete.



D3 is suitable for the development of sustainable and affordable housing which was appropriate for countries with a tropical climate like Malaysia, as it was inspired from the concept of traditional Malay 'Kampung' houses. The divergent design provided flexibility in the addition (expansion) and subtraction (reduction) system, where all the service parts could either be removed or added on at a later stage to suit the needs of the home owner, remaining pragmatic even after generations of use.



Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM as Chairman of CREAM visiting the exhibition held during the signing of Memorandum of Agreement between CREAM and Sime Darby Property Bhd.



Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof presented a certificate of appreciation to Mr. Dinesh Nambiar, Chairman of Lendlease Malaysia.

INTRODUCTION OF APPRENTICESHIP PROGRAMME

The Opening Ceremony of MRT Young Entrepreneurs Programme II (MYEP II), Safety Supervisor Apprenticeship Programme (SSAP) and CIDB Malaysia Skills Apprenticeship 2016 was held on 18 October 2016; and was officiated by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof.

This cooperation programme between CIDB Malaysia and industry partners in organising apprenticeship programme were part of the Blue Ocean Initiative that is in line with the Government's agenda, namely the National Blue Ocean Strategy (NBOS) approach. Through this programme, the country's youths would gain real experience while undergoing training with companies that have experience implementing large-scale construction projects. Such experience would assist in building skills, increasing knowledge and shaping the personality and self-confidence of the apprentice.

The CIDB Malaysia MRT Young Entrepreneurs Programme II (MYEP II), Safety Supervisor Apprenticeship Programme (SSAP) and CIDB Malaysia Skills Apprenticeship were among CIDB Malaysia's efforts in developing the human capital of the construction industry to achieve a high level of productivity, in line with the CIP. This was also in line with the strategy outlined in the 11th Malaysia Plan through Strategic Thrust 3 which was to Enhance Human Capital Development for Developed Countries.

The CIP had set a target for the production of 5,000 competent apprentices for a period of 5 years from 2016 to 2020. In line with this, CIDB Malaysia had identified the categories of work areas that were much needed by the construction industry, namely supervision and management, skills and not excluding entrepreneurs. This measure indirectly reduced the country's dependence on foreign workers and increase the involvement of local workers in the construction industry.



Participants of the Apprenticeship Programme pose for photos with the Minister of Works during the launching ceremony.

The MYEP II Programme was a Special Entrepreneurship Programme; a result of cooperation between Perbadanan Usahawan Nasional Berhad (PUNB), MRT Corporation Sdn. Bhd. (MRT Corp) and CIDB Malaysia. A total of 54 apprentices had the opportunity to undergo theoretical and practical training, in addition to on-the-job training under MMC-Gamuda. The training was conducted jointly with MRT Corp and CIDB Malaysia, while project funding came from PUNB. This funding was given to apprentices who had been evaluated by MRT Corp for implementing sub-packages of construction work contracts for MRT 2 routes.

In addition, CIDB Malaysia and Lendlease Malaysia had also launched a Safety Supervisor Apprenticeship Programme (SSAP). Jointly developed by Lendlease Malaysia and CIDB Malaysia, the structured programme provided industry-recognised training (encompassing both theoretical and onsite training components) through an integrated approach. Apprentices who successfully complete the SSAP earned various certifications issued by the Department of Occupational Safety & Health (DOSH), National Institute of Occupational Safety & Health (NIOSH) and *Akademi Binaan Malaysia* (ABM).

These certifications were required before the apprentices can be appointed as site safety supervisors in construction projects. The collaboration between Lendlease Malaysia and CIDB Malaysia targeted a total of over 150 apprentices being trained over the five year programme period.



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On 30 April 2017, CIDB Malaysia introduced its first online news channel on YouTube named CIDBTV. The channel, which hosts a new episode every week has over 5,000 subscribers to-date.

The videos in the channel touches on anything and everything in the local construction industry scene – reports, tips, updates and guides – all for the benefit of the construction industry players in Malaysia.

With interesting and informative presentation by various CIDB Malaysia staff as hosts, this channel has over 150 videos; with useful and insightful content. Coverage of events, interviews and even success stories can be found in CIDBTV.

Head over to):@G!D on ;'N!N#%& now!

#SKILLSPOWER

WWW.SKILLSPOWER.MY

When does life begin?

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CIDB Malaysia, together with its training division, ABM launched the #SKILLSPOWER campaign as part of a strategy to attract the interest of more local youths to participate in the construction sector.

With the theme of ‘Competent and Holistic’, #SKILLSPOWER aimed to attract young Malaysians to join the construction sector; and raise the profile of this industry as a high-income career choice, sustainable and meaningful. The launch of #SKILLSPOWER, which was held in conjunction with the 8th Northern Region ABM Graduation Ceremony, saw a total of 100 construction workers completing their Construction Industry Competency Training Programme (CICTP) on 15 May 2017.

CIDB Malaysia Chief Executive, Datuk Ir. Ahmad ‘Asri Abdul Hamid said, as the government is now actively implementing TVET-related programme, youths are urged to take the opportunity to join Construction TVET which is seen as having great prospects as well as being a local gateway in career and entrepreneurship related industries. Youths must equip themselves with skills to ensure they remain relevant in the increasingly competitive job market. This is important to ensure the survival and economic activity in the country can continue without having to rely entirely on less skilled foreign workers. CIDB Malaysia introduced Construction TVET, with its main aim to produce knowledgeable, skilled and high-income human capital by 2020.

The construction sector had been growing consistently and giving significant contributions to Malaysia’s socio-economic transformation. However, many Malaysians do not view the construction sector as the path to career success. In fact, this sector not only provides a stable career with high rewards, but also gives the opportunity to participate in nation building.

CIMS LAUNCHED TOWARDS A FAST, EFFICIENT AND TRANSPARENT SERVICES

In an effort to transform its services, the CIDB Malaysia successfully launched the Centralised Information Management System (CIMS) on 4 July 2017. CIMS was introduced to facilitate CIDB Malaysia services and transactions with customers through one online channel available for access 24 hours a day, 7 days a week. Through CIMS, the applications and approval processes were fully implemented online; and customers no longer need to physically go to CIDB Malaysia counters to send in supporting documents or collect certificates and registration cards.

Through CIMS, the processing period will take only 12 minutes per application with the placement of 15 processing staff in the one stop Operations Unit (UOS) compared to the previous period of 11 days required with the placement of 116 staff in CIDB Malaysia state offices and branches. All contractor profiles were verified through smart integration that connects CIMS with almost 15 agencies including the Companies Commission of Malaysia (SSM), the National Registration Department (JPN), the Malaysian Immigration Department (JIM), the Royal Malaysian Customs Department (JKDM) and others.

The Contractor Portal, a local platform with the first Single Sign-On facility, facilitated the contractors in dealing with various licensing agencies. The integration and data sharing between the systems allowed CIDB Malaysia to produce a comprehensive Contractor Report Card (CRC) and become a local reference source for the construction industry database. Letters and certificates in the form of e-documents were also generated by CIMS and sent to users via email; in addition to having the ability to remind customers to renew their certificate or license which is facing expiry.

Services that can be accessed through CIMS include:

Contractor

- Registration and Renewal
- Construction Project Declaration
- Levy Management
- SCORE Contractor Capacity and Capability Assessment Programme

Construction Personnel

- Registration
- Accreditation

Training

- Registration of Integrity Courses and Codes of Ethics
- Business Management Course Registration
- Development of Construction Personnel Competencies
- Supervision & Management Competency Development

Payment

- CIDB Malaysia State and Branch Office Counters
- Internet Banking

All applications for contractor registration and CIDB Malaysia Green Card through CIMS are processed by a centralised operators unit at the CIDB Malaysia headquarter.



The Centralised Operators Unit is equipped with dashboard screens showing realtime processing status.

‘MALAYSIA’S CONSTRUCTION MARVEL IN 60 YEARS OF MERDEKA’ COFFEE TABLE BOOK

In conjunction with the 60th Merdeka celebrations, CIDB Malaysia launched a Coffee Table Book entitled ‘Malaysia’s Construction Marvel in 60 Years of Merdeka’.

The launch event on 24 October 2017, was held in conjunction with the TN50 Dialogue Session in Kuala Lumpur. Officiated by the Minister of Works, Dato’ Sri Hj. Fadillah Hj. Yusof, the launch of the book was to mark Malaysia’s great achievements in the construction sector for the past 60 years since its independence.

Dato’ Sri Hj. Fadillah Hj. Yusof stated in his launching speech, “As we move forward, it is very important for us to look back and appreciate all the successes we have achieved in our construction industry during the 60 years of independence. To this end, CIDB Malaysia has compiled a number of ‘iconic’ and world-class construction projects nationwide to be published in a Coffee Table Book”.

“Congratulations to CIDB Malaysia for successfully realising this book which records innovation and creativity, as well as the greatness of the nation-building industry to date. This gives us confidence that the next 30 years will definitely promise more iconic projects that will raise the country’s name in the eyes of the world”, he added.



The Chairman of CIDB Malaysia showing the book to Minister of Works, Dato’ Sri Hj. Fadillah Hj. Yusof. Looking on are the Ministry of Works Secretary General, Dato’ Sri Zohari Hj. Akob and Datuk Ir. Ahmad ‘Asri Abdul Hamid, the Chief Executive of CIDB Malaysia.



TOWNHALL SESSION ON IBS POLICY FOR PRIVATE PROJECTS

The Ministry of Works (KKR) together with the CIDB Malaysia held a Townhall session on 11 September 2017, to engage the industry on the latest policy regarding the use of IBS methods in the construction industry.

The Townhall meet was attended by the Secretary General of the Ministry of Works, Dato' Sri Zohari Hj. Akob, the Secretary General of the Ministry of Urban Wellbeing, Housing & Local Government, Dato' Sri Hj. Mohammad Mentek and CIDB Malaysia Chief Executive, Datuk Ir. Ahmad 'Asri Abdul Hamid. Contractors, builders, suppliers and industry players were invited to provide feedback and input on this motion. Journalists and photographers were also invited to make news coverage for this Townhall session.

In this Townhall session, it was announced and made mandatory that all construction projects worth RM50 million and above are to use IBS methods in its construction. In addition, the project must also achieve a minimum IBS score of 50. This meet was specifically held to gain input and insight from industry players alike on the announcement.

During a vibrant discussion, many queries and opinions were raised. Several comments from industry players include that the authorities and players must have a clear understanding on the implementation of IBS methods across all the value chains, plus the contractor capacities and capabilities in carrying out IBS works. Concerns were also raised on oversea competitors which have superior capabilities compared to local expertise. The panel assured full support for all industry players; and other ideas, solutions and recommendations were noted by the panel as well as those present during the Townhall meeting.



CIDB Malaysia Chief Executive Datuk Ir. Ahmad 'Asri Abdul Hamid showing Secretary General Dato' Sri Zohari Hj. Akob and Ministry of Housing & Local Government Secretary General, Dato' Sri Hj. Mohammad Mentek on the IBS components.

CIDB myBIM CENTRE AND SATELLITES ESTABLISHED

The CIDB myBIM Centre was officially launched on 20 November 2017 by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof; to serve as a Resource Centre to promote and increase the use of Building Information Modelling (BIM) system among construction industry players. The usage of BIM allows construction industry players to model and visualise building projects in a simulated environment by using BIM, and further analyse key physical and functional characteristics of each element in a project virtually even before construction begins. This makes it possible to identify and rectify potential issues in the early stages.

The implementation of BIM is one of the initiatives to double productivity in the construction industry, in line with the Productivity strategic thrust of the CITP. The advantages of implementing BIM in building projects is manifold and extends throughout the entire construction value chain. By being able to virtually analyse key physical and functional characteristics of each element before construction works commence, it tremendously helps to improve the efficiency and quality, and most importantly, the productivity of the overall construction process.

Notable Malaysian projects that had been constructed through the use of BIM include the National Cancer Institute in Putrajaya, the Malaysian Anti-Corruption Commission Building in Shah Alam, the Educity Sports Complex in Nusajaya and the Ancasa Hotel in Pekan, Pahang.

The CIDB myBIM Centre is run by CIDB E-Construct Services Sdn. Bhd. (CIDB EC), a subsidiary of CIDB Malaysia, providing various programme and facilities using BIM simulation technology to produce, communicate and analyse information models into a digital platform to be used throughout the life cycle of construction projects.

A total of six myBIM Satellite Centres were also established at the six ABM nationwide campuses in 2018. These myBIM Satellite Centres were an initiative to meet the growing demand for BIM training nationwide; and these satellite centres are interconnected to the main Laboratory Training Programme carried out at the myBIM Centre in Sunway Tower, Kuala Lumpur.

The ABMs involved were:

- ABM Central Region
- ABM Northern Region
- ABM Southern Region
- ABM Eastern Region
- ABM Sabah Region
- ABM Sarawak Region

With these Satellite Centres, participants outside of the Klang Valley could participate in the BIM Training Programme without having to incur additional costs to cover travel and accommodation. Each myBIM Satellite Centre is equipped with laboratory training facilities and necessary computing software such as Autodesk Architecture and Engineering & Construction (AEC) Suite. CIDB EC was also responsible for carrying out facility maintenance works and renewals of software licenses to ensure that the BIM-related programme continued smoothly.



The CIDB myBIM Centre is located on Level 11, Menara Sunway Putra, Kuala Lumpur. Equipped with training rooms, workstations complete with the necessary softwares as well as a studio, seminar rooms and a showcase hall for exhibitions.



CIDB MALAYSIA AND IRDA PARTNERSHIP IN ACCELERATING PRODUCTIVITY AND SUSTAINABILITY

The Iskandar Regional Development Authority (IRDA) and CIDB Malaysia entered a strategic partnership on 27 February 2018 in Nusajaya, to enhance the modernisation of construction works and processes, environmentally sustainable practices and compliance to material standards in construction.

The partnership was sealed through a Memorandum of Understanding (MoU), signed by Datuk Ir. Ahmad 'Asri Abdul Hamid, Chief Executive of CIDB Malaysia, and Datuk Ismail Ibrahim, Chief Executive of IRDA, and witnessed by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof.

The collaboration between CIDB Malaysia and IRDA to accelerate productivity and sustainability in construction is a significant one, especially as rapid development was expected in the region; catalysed by large projects. IRDA's commitment to construction transformation sets a prime example for other regions in Malaysia to emulate.

Through this strategic partnership, CIDB Malaysia and IRDA worked together to enhance the adoption of IBS, BIM and other sustainable practices, as well as to ensure compliance to material standards in its projects. CIDB Malaysia, on the other hand, complemented IRDA's efforts by providing the necessary information and resources for effective implementation of modern construction technologies and practices.

The collaboration between the two agencies were in line with the CITP, a comprehensive plan to transform the construction industry into a modern, highly productive and sustainable sector. The partnership also supported the National Blue Ocean Strategy (NBOS), whereby various agencies and organisations worked together to leverage on each other's strengths and resources in order to achieve common objectives.

Datuk Ismail, the Chief Executive of IRDA said, IRDA is focused in creating a more sustainable built environment in line with its vision for Iskandar Malaysia to become a strong, sustainable metropolis of international standing, with the aim of achieving 70% certified new green buildings by 2025. This initiative would promote greater awareness and encourage organisations operating in Iskandar Malaysia to be green in their operations and bring positive impact to their surrounding environment.



IBS component factory at Forest City, Johor.

INTERVARSITY BIM MARATHON 2018

The Intervarsity BIM Marathon 2018 was held in conjunction with BIM DAY 2018 from 19 - 22 March 2018. Participants were required to produce a BIM model consisting of 3 construction disciplines namely Architecture, Structure and Mechanical & Electrical Engineering within the 66-hours time frame allocation. The marathon was initiated into the Malaysian Book of Records as the Longest Non-Stop Building Information Modelling (BIM) Marathon Competition for 66 hours non-stop.

The marathon was conducted in collaboration with the Ministry of Higher Education's Industrial Centre of Excellence (ICoE); and it involved participations from institutions of higher learning in the country. It aimed to promote the methods and concepts of BIM to students in the field of engineering and construction.

The objective of the programme was to cultivate students' interest in the use of BIM technology; plus introducing and providing real work exposure of producing building models using the BIM method.

The programme received encouraging response from several institutions of higher learning; namely:

- Universiti Tun Hussein Onn Malaysia (UTHM)
- Universiti Teknologi Mara (UiTM) Shah Alam
- Universiti Malaysia Pahang (UMP)
- Sultan Idris Shah Polytechnic (PSIS)
- Ungku Umar Polytechnic (PUO)
- Sultan Abdul Halim Mu'adzam Shah Polytechnic (POLIMAS)
- Port Dickson Polytechnic (Poli PD)
- Sabak Bernam Community College
- MARA Sri Gading Higher Skills College

The winners of the Intervarsity BIM Marathon 2018 were:

1st Place: Universiti Malaysia Pahang (UMP)

2nd Place: Ungku Umar Polytechnic (PUO)

3rd Place: Port Dickson Polytechnic (Poli PD)

Consolation: Sabak Bernam Community College



Proud winners of the Intervarsity BIM Marathon 2018 Challenge with their mock cheque.



From left, Datuk Ir. Ahmad 'Asri Abdul Hamid, Chief Executive of CIDB Malaysia; Dato' Sri Zohari Hj. Akob, Secretary General of KKR; Dato' Sri Hj. Fadillah Hj. Yusof, Minister of Works; Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM, Chairman of CIDB Malaysia and General Tan Sri Panglima Mohamed Azumi Mohamed, Co-Chairman of UBM Malaysia.

THE INAUGURAL ICTC IN CONJUNCTION WITH ICW 2018

On 26 March 2018, CIDB Malaysia introduced the International Construction Transformation Conference (ICTC) for the first time; as the main conference in conjunction with the International Construction Week (ICW) 2018. The objective of the ICTC was to gather regional and international experts in construction to share best practices and latest technologies in executing complex construction projects around the globe.

CIDB Malaysia kicked off ICW 2018 by bringing together over 100 exhibitors and more than 10,000 attendees from around the world including the industry's captains and key players to drive thought and leadership discussions on the construction sector especially in the area of 'Achieving Peak Productivity' – which was the theme of ICW 2018.

Officiated by the Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof, ICW 2018 and the ICTC sought to raise awareness amongst industry players in the area of construction technology and innovation as part of the aim to improve the overall productivity and competitiveness of the industry as outlined under the CITP.

ICW 2018 featured exhibitions, seminars and talks on the use of modern construction technologies such as IBS and BIM, new sustainable materials and energy sources, innovative design approaches as well as advances in digital technology, including the use of big data in construction.

CIDBH NEW TEST LABORATORY OPENED IN SHAH ALAM

CIDBH opened a new test laboratory in Kota Kemuning, Shah Alam on 16 April 2018. The former laboratory, which was established in 2008, was previously located in the Makmal Kerja Raya Building.

The CIDBH test laboratory offers third-party certification, verification and testing services for construction products. Act 520 stipulates that all construction materials listed under Schedule 4 of Act 520 must be verified and certified in compliance with Standard Malaysia, to avoid low-quality products being used in the construction industry.

The new lab, located on an area of 10,000 square feet, was equipped with various modern technological equipment for testing construction products including ceramic tiles, sanitary wares and construction glass. Testing equipment such as Autoclave, UV-VIS-NIR Spectrophotometer, ED-XRF (X-ray) Machine, Weathering Chamber and several others were the latest technological testing equipment imported from Spain, Italy and Japan. The laboratory is also internationally recognised through the ISO/IEC 17025:2005 accreditation.

Since 2008, the CIDBH test laboratory had already serviced over 1,000 clients from seven countries, including Turkey, Spain, Italy and China, among others.



Datuk Ir. Ahmad 'Asri Abdul Hamid, Chief Executive signing the Officiating Plaque for the new opening of the CIDBH Operations Office and Construction Materials Testing Laboratory in Section 25, Shah Alam.



Construction glass samples ready to be tested at the CIDBH Construction Materials Testing Laboratory.



Appreciation Certificate Award Ceremony for loyal customers of CIDBH's Product Certification; by the CIDB Chief Executive and CIDBH's Chief Executive.



Routine operations meeting held at the CIDBH operations office meeting room.



Competent staff manning customer inquiries about the services provided at the operations office counter.



Dimension testing activities for ceramic tile samples comply with the Malaysian Standard Requirements.



Construction glass sample testing demonstration by a laboratory technician being witnessed by Datuk Ir. Ahmad 'Asri Abdul Hamid, Chief Executive and officers of CIDB Malaysia.



Ceramic tile sample testing activities at the CIDBH Construction Materials Testing Laboratory by a laboratory technician.

CIDB CONVENTION CENTRE SARAWAK (CCCS)



The Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof, had officiated the opening of the CIDB Convention Centre Sarawak (CCCS) located inside the CIDB Malaysia Sarawak Complex on 27 April 2018. The convention centre was part of the development to improve the facilities provided in the complex which originally only contained the location of the CIDB Malaysia State Office and ABM Sarawak.

The CCCS houses a main hall that can accommodate up to 1,000 people for dining and features a bistro, seminar rooms, meeting rooms and most importantly, a large parking area. Designed to be circular-shaped that is modern, open-walled and with capillary effect; the CCCS is also ecologically sustainable and cost-effective, and incorporates the natural elements found in the surroundings. Natural wind provides ventilation in the corridors and immediate space, in addition with maximised natural lighting; making the CCCS more efficient and significantly lower its maintenance costs. The building was also partially built directly above a pond, which acts as a natural cooling system.

Apart from the CCCS, three blocks of two-storey hostel building and also six sports facilities had been completed in the development of this first phase which cost RM30 million. The construction of the hostel building was a positive step taken to increase the comfort of trainees to encourage more youths and personnel from the state of Sarawak to become skilled workers in the construction sector.

The usage of the IBS was in line with the obligation to use the IBS method for government projects worth more than RM10 million; and CIDB Malaysia has ensured the construction of CCCS and hostel blocks in this complex used IBS in its construction method.

IBS components had been widely used for the construction of the Convention Centre and the hostel blocks; from floor panels, walls and even roof trusses. The construction of the CCCS had managed to get an IBS score of 78, while the construction of the hostel block had managed to achieve an IBS score of 82.69. The facilities provided in the CIDB Malaysia Sarawak Complex are open for rent by construction industry stakeholders as well as the local community to hold suitable activities.



The circular shaped CIDB Convention Centre Sarawak with its double volume convention hall is designed to subtly blend with the surrounding landscape and be in communion with nature.

MoU SIGNED TO PROMOTE QUALITY, SAFETY & HEALTH

CIDB Malaysia had signed a Memorandum of Understanding (MoU) with the Penang Development Corporation (PDC) to promote and improve the quality of building construction and ensure safety and health at construction sites.

Through the MoU signed on 24 October 2018, CIDB Malaysia assisted PDC in executing the QCLASSIC and the SHASSIC in PDC projects. CIDB Malaysia also equipped the PDC staff with knowledge on both systems via training aimed at creating awareness on the quality of workmanship as well as the safety and health of the workers.

QCLASSIC is a system meant to measure workmanship quality of building projects while SHASSIC is used to assess safety and health levels at construction sites. CIDB Malaysia uses SHASSIC to look into three components of projects — document check, worksite inspection and employee interviews.

The MoU was signed by the PDC General Manager Datuk Rosli Jaafar, while CIDB Malaysia was represented by its Senior General Manager Datuk Ir. Elias Ismail. The event was witnessed by Mr. Chow Kon Yeow.



The MoU signing was witnessed by Penang Chief Minister Mr. Chow Kon Yeow.



CIDB MALAYSIA FELLOWSHIP AWARDS 2018

The CIDB Malaysia Fellowship Awards 2018 is the second edition of the CIDB Malaysia Fellowship Awards, which was introduced in 2015.

The CIDB Malaysia Fellowship Awards is held to recognise industry individuals who have made a positive impact in the construction industry. More than just executing projects, they pay special interest towards the development of the industry as a whole or in their respective fields.

A total of 46 outstanding individuals who had contributed to the construction industry was celebrated and given due recognition, and their achievements and success stories were embodied in a special publication by CIDB Malaysia aptly named CIDB Fellows, and these individuals were recognised into the lifetime honour roll of CIDB Malaysia.

A grand night of celebrations took place in Kuala Lumpur on 2 November 2018 to celebrate these 46 outstanding individuals.



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|---|--|---|
| 1 DATUK IR. (DR.) ABDUL RAHIM HAJI HASHIM | 17 DATO' SRI IR. DR. JUDIN ABDUL KARIM | 31 DATO' NG KEE LEEN |
| 2 AR. HAJI ABDUL AZIZ MAHFAR | 18 IR. KHOO CHOONG KEOW | 32 DATO' Sr HAJI NIK FARID KAMIL |
| 3 DATUK HAJI A RAHIM BIN ABDULLAH | 19 DATO' Sr LAU WAI SEANG | 33 AR. PAUL LAI CHU |
| 4 Sr HAJI BASAR BIN JURAIMI | 20 LAWRENCE CHIN KOK LUM | 34 AR. PHILIP CHANG FOH PHING |
| 5 DATO' IR. CHEW SWEE HOCK | 21 LEONG KIEN KEONG | 35 YM RAJA DATO' ABD AZIZ BIN RAJA MUSA |
| 6 PROFESSOR DATO' AR. CHIN WAI YEONG | 22 DATO' IR. LIM CHOW HOCK | 36 IR. SIM TIAN LIANG |
| 7 IR. CHONG PICK ENG AKA IR. P E CHONG | 23 LIM ENG HOCK (ZACK LIM) | 37 SITI MAJIDAH BINTI A. MAJID |
| 8 AR. DAVID TEH TEIK LIM | 24 DATO' MANI USILAPPAN | 38 TAN SRI DATO' SRI SUFRI BIN MOHD ZIN |
| 9 Sr ELVIN FERNANDEZ | 25 DATO' Sr MAZUKI BIN HAJI A. AZIZ | 39 AR. SZE TO KOK YIN |
| 10 AR. FAWIZAH BINTI HAJI KAMAL | 26 AR. DATO' (DR.) MIR SHAHARIMAN
BIN MIR SHAHARUDDIN | 40 TAING KIM HWA |
| 11 FOO CHEK LEE | 27 DATO' IR. MOHAMAD RAZALI BIN OTHMAN | 41 Sr TANGGA PERAGASAM A/L PERIANAYAGAM |
| 12 DATUK HASHIM BIN WAHIR | 28 BRIGADIER GENERAL (RTD) Sr MOHD AMIN
BIN MOHD DIN | 42 DATO' IR. WONG WAI CHING |
| 13 AR. HENRY LEE INN SEONG | 29 TAN SRI DATO' MOHD. RAMLI BIN KUSHAIRI | 43 Sr WONG WENG HONG (EDDIE) |
| 14 AR. HAJI HUSSEIN HAMZAH | 30 TAN SRI DATO' A K NATHAN | 44 DATUK SERI LIM CHONG KEAT |
| 15 DATO' JOHARI BIN MAT | | 45 ACADEMICIAN DATO' IR. (DR.) LEE YEE CHEONG |
| 16 Sr JOHN LOH SOONG CHEW | | 46 TAN SRI DATO' LOW KENG HUAT |



ABM RECEIVED 6 RECOGNITIONS AT WORLDSKILLS ASIA 2018

Akademi Binaan Malaysia (ABM) made history when it received 6 recognitions in the WorldSkills Asia (WSA) 2018 skills competition which took place at the Abu Dhabi National Exhibition Centre (ADNEC) on 26 - 30 November 2018.

The prestigious recognition, including a gold medal won by Mr. Mohamad Amirol Amin Mohamad Zamri from ABM Southern Region, was bestowed when he managed to beat 10 participants from other Asian countries including Indonesia, Chinese Taipei, India, Belarus and the United Arab Emirates.

Meanwhile, Mr. Ahmad Naim Mohamad Rosli from ABM Sarawak Region won the silver medal in the field of Painting & Decoration; and 4 other ABM participants respectively in the field of Cooling & Air Conditioning, Welding, Painting & Decoration and Electrical Wiring were announced as the recipient of the Medallion for Excellence for good performance in the competition.

The total recognition for the Malaysian contingent in the Asian level competition was 11 recognitions, comprising of 3 gold medals, 3 silver medals and 5 Medallion for Excellence. Out of the total recognitions received by the Malaysian contingent, the Ministry of Works contributed 9 awards for the 17 areas of skills that had been in competition.

A total of 19 Asian countries had sent representatives in the WSA competition which is one of the platforms for trainees in Technical and Vocational Education and Training (TVET) to collaborate at the Asian level to exchange expertise, technology and training methods among the Asian countries involved. This success also qualified the Malaysian contingent to participate in the WorldSkills Competition (WSC) 2019, held in Kazan, Russia.



MSCESMM MS2701:2018 LAUNCHED

CIDB Malaysia and Standards Malaysia introduced the Malaysian Standards for Civil Engineering Standard Method of Measurement (MSCESMM) or MS2701:2018, which was launched on 8 January 2019 by the Minister of Works, Tuan Baru Bian in Kota Kinabalu, Sabah.

The MS document was based on the Malaysian Civil Engineering Standard Method of Measurement (MyCESMM) which was developed by CIDB Malaysia in 2011. By using a standard method of measurement for civil engineering, it would significantly reduce or eliminate discrepancies and ambiguities in the Bill of Quantities. MSCESMM and MyCESMM were part of the overall strategy to raise the standards of the local construction industry to be on par with developed economies in the global market place.

Adopting MSCESMM is an important element in developing Malaysia's construction industry to be on par with its international counterparts. This is in line with the Internationalisation Strategic Thrust of the CITP that seeks to internationalise Malaysia's construction standards by 2020.



IBS IMPACT AND IBS SCORE 2019 PROGRAMME LAUNCHED



The IBS IMPACT, an evaluation and certification Programme for the IBS, was launched on 17 January 2019 by the Minister of Works, Tuan Baru Bian. Also present at the ceremony were the Secretary General of the Ministry of Works, Datuk Dr. Syed Omar Sharifuddin Syed Ikhsan and CIDB Malaysia Chief Executive, Datuk Ir. Ahmad 'Asri Abdul Hamid.

The IMPACT Programme is a holistic system that provides verification, validation, testing and certification of products and components with respect to IBS in accordance with the Construction Industry Standard, namely the CIS 24:2018 IBS Manufacturer and Product Evaluation and Certification.

The CIS 24:2018 was a very important achievement in the effort to strengthen the country's IBS ecosystem. This standard would be the reference point to ensure the quality of IBS components, in accordance with the standards that have been set through a systematic evaluation method.

The certification, issued after the document evaluation and product inspection, increased the level of confidence in the quality of IBS products and enhance the commercial value of the products. The use of modern construction methods, especially IBS, is a key component in driving construction productivity under the CITP.



SUSTAINABLE INFRASTAR LAUNCHED

CIDB Malaysia launched the Sustainable Infrastructure Rating Tool (Sustainable INFRASTAR) on 19 March 2019. The Sustainable INFRASTAR was officially launched in conjunction with the opening ceremony of the annual ICW 2019, which was graced by Tuan Baru Bian, the Minister of Works. Present also was Tan Sri Dr. Ir. Ahmad Tajuddin Ali FASc., FIEM, the Chairman of CIDB Malaysia.

The Sustainable INFRASTAR rating tool was developed to measure sustainable elements in the design, construction and operation of an infrastructure project, which was benchmarked against similar tools available internationally, such as CEEQUAL from the United Kingdom, Envision from the United States, ISCA from Australia and Pearl Estidama from the United Arab Emirates. Five pilot projects in both the private and public sectors are currently undergoing the assessment exercise, with the expenses being fully borne by CIDB Malaysia.

With climate change happening at a rapid rate, a smart infrastructure was needed that would bring economic benefits alongside environmental care. The Sustainable INFRASTAR supported the target of 50% of new infrastructure projects worth more than RM100 million to be certified with sustainability infrastructure tools from December 2020 onwards. This was a key achievement under the Environmental Sustainability strategic thrust of the CITP, the national blueprint to transform the construction industry to be on par with world-class standards.

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CIDB Malaysia worked in collaboration with industry players to develop Sustainable INFRASTAR for the industry; with various technical committees and taskforces established and coordinated by CIDB Malaysia leading up to the launch. All industry players and relevant government agencies should step forward to have their infrastructure projects assessed by CIDB Malaysia using the Sustainable INFRASTAR. The more assessments are conducted, more will be learnt about sustainable infrastructure in the country. The data will allow the government to guide the project owners and their teams on the important elements of infrastructure sustainability.





THE ASEAN SUPER 8 BECAME A PART OF INTERNATIONAL CONSTRUCTION WEEK (ICW)

The ASEAN Super 8 made its first debut in being part of ICW 2019. The ASEAN Super 8, a leading trade fair in the ASEAN region, integrates various leading exhibitions dedicated towards promoting the latest developments and technologies within industries related to construction, energy and the built environment. The annual, three day event from 19 – 21 March 2019, featuring exhibitions, conferences, seminars, technology symposiums; attracted thousands of exhibitors and visitors.

As the largest new combined regional exhibition for the construction, engineering, energy, heavy machinery & equipment and security industries, ASEAN Super 8 offered unparalleled value to its exhibitors, sponsors and visitors. From top industry players to newcomers, an opportunity was given to showcase their innovations, sourcing of suppliers, making valuable contacts and staying updated with the latest industry trends.

As part of ICW 2019, the ASEAN Super 8 drew almost 20,000 industry professionals and representatives, including government officials, regulators, manufacturers, contractors, developers, industrial users, consultants and industry experts.



The various exhibition booths from both local and foreign companies showcasing their products and services at the ICW 2019.

NATIONAL HOUSING STANDARD (CIS 26:2019) LAUNCHED AS PART OF THE NATIONAL AFFORDABLE HOUSING POLICY

The Minister of Housing and Local Government (KPKT) launched the CIDB Malaysia's National Housing Standards (CIS 26:2019) and the National Affordable Housing Policy (DRMM) in Shah Alam on 11 May 2019.

The CIS 26:2019 outlined the standard requirement for the development of a comfortable, inclusive, comprehensive and quality affordable housing. It was an update to the National Housing Standards which were published in 1998 and 2005 that set minimum standards in the provision of quality housing in Malaysia and provided guidance to parties involved in planning, designing and building housing projects in Malaysia, both in the government and private sector.

The DRMM is a sub-policy under the National Housing Policy (2018 - 2025) which outlined standards, key specifications and selling prices as a guide for the development of livable affordable housing; it also incorporated the CIS 26:2019 as the standard specification for affordable housing. The DRMM setup was a collaboration between the Ministry of Works (KKR) through CIDB Malaysia and CREAM, with KPKT and the National Housing Department (JPN).



The launch of the National Affordable Housing Policy by the Minister of Housing and Local Government Datuk Zuraida Kamaruddin, the Menteri Besar of Selangor Dato' Seri Amirudin Shari and Deputy Minister of Works, Datuk Wira Mohd Anuar Mohd Tahir.



CIDBH management with MTCP participant during the opening ceremony for MTCP Programme 'Construction Skills Training Programme - Sharing Malaysia's Experience' 4 - 13 September 2017 at Sunway Putra Hotel, Kuala Lumpur.



CIDBH TRAINED 84 PARTICIPANTS FROM 33 COUNTRIES UNDER MTCP

The Malaysian Technical Cooperation Programme (MTCP) was part of the Malaysian government's initiative towards promoting technical cooperation among developing countries. Its objective was to share Malaysia's experience and best practices in certain areas and promote capacity building among the participating countries.

CIDBH has extensive experience in organising programmes under the MTCP since 2014. Until July 2019, CIDBH had successfully trained and imparted knowledge to 84 participants from 33 countries. This initiative was one of the methods of sharing expertise and ideas between Malaysia and the countries involved.

CIDBH was one of the training programme providers for MTCP under the Ministry of Foreign Affairs, that received participation from Zimbabwe, Bhutan, Bosnia, Philippines, Cambodia, Malawi, Mauritius, Oman, Palau, Senegal, Sri Lanka, Sudan, Thailand and other countries; strengthening cooperation between regional and sub-regional, as well as preserving the collective independence.

In the programme, the participants were exposed to the sharing of knowledge and best practices from speakers and national experts on physical infrastructure development in Malaysia, such as the Infrastructure Development Plans, the Public Private Partnership (PPP) models, Engineering Practices and Sustainable Design, Project Financing and City Transit Development. Participants were also taken on technical visits to the Kuala Lumpur International Airport, Putrajaya Corporation, the Malaysian Highway Authority, KL Sentral, the River of Life (Ekovest), the CIDB IBS Centre and the ABM in enhancing the shared experience.

THE LAUNCH OF CIDB MALAYSIA JELAJAH TVET PEMBINAAN

The *Jelajah TVET Pembinaan* (Construction TVET Roadshow) was launched on 21 September 2019 by the Minister of Works, Tuan Baru Bian. The objective of the programme was to attract more youths, especially those in rural areas, to explore a career in construction.

Construction TVET is part of the focus area under the CIP Productivity Strategic Thrust. The roadshow, which promoted careers in high impact construction trades, was in line with the 11th Malaysia Plan's objective of producing a more knowledgeable, skillful and high-income local workforce.



The Minister of Works, Tuan Baru Bian at the launching ceremony held at the CIDB Convention Centre in Kuching, Sarawak.



APPRENTICESHIP PROGRAMME COLLABORATION BETWEEN ABM AND PETROLEUM CONTRACTORS (PACS)

A Memorandum of Understanding (MoU) Signing Ceremony on Apprenticeship between ABM, Participating Contractors to PETRONAS and PACs, was held on 7 November 2019 at the Kuala Lumpur Convention Centre.

The event was one of the many initiatives and outcomes from the MoU signing between the CIDB Malaysia and PETRONAS in the previous year, for the development and enhancement of construction capacity and capability for the Oil & Gas sector.

The CIDB Malaysia-PETRONAS Apprenticeship Programme was an important initiative to encourage local youth to jointly take up careers as skilled workers, particularly in the Oil & Gas sector. This would help young Malaysians to capitalise on job opportunities in an increasingly challenging job market.

The MoU was a significant milestone for the Construction and Oil & Gas sectors, and even more so for the development of human capital among young Malaysians in the field of TVET. The MoU witnessed 16 PETRONAS awarded contractors exchange MoU documents with ABM Wilayah Timur, Sabah and Sarawak. Under the MoU, selected trainees who had completed their training and received accreditation from CIDB Malaysia will undergo an apprenticeship programme with the relevant contractors to acquire work experience in the Oil & Gas industry. Among the skills needed in this programme include welding, scaffolding and gas pipe fitting.

Furthermore, the signing of this MoU marked the development of 'Fit-to-Workforce' personnel through CIDB Malaysia's apprenticeship training programme. This would adequately prepare new personnel to operate at peak performance when they enter the industry; already possessing the right mind-set regarding QHSE as their daily work culture. The programme featured extensive practical training and on-the-job training, as well as rigorous assessments and strict standards compliance requirements to build the mental strength of trainees to face the challenges of the Oil & Gas industry.



CIDB MALAYSIA & RISM COLLABORATED TO INTRODUCE BCISM



CIDB Malaysia Chief Executive Datuk Ir. Ahmad 'Asri Abdul Hamid signed on the plaque at the BCISM office in Petaling Jaya, Selangor.



CIDB Malaysia and the Royal Institution of Surveyors Malaysia (RISM) launched the Building Cost Information Services Malaysia Sdn. Bhd. (BCISM), which would be the main service provider of the National Construction Cost Centre (N3C) on 21 November 2019. The new BCISM office was officiated by Datuk Ir. Ahmad 'Asri Abdul Hamid, the Chief Executive of CIDB Malaysia.

The N3C is part of the introduction of the National Construction Industry Information Centre (NCIIC), providing comprehensive construction-related data for industry reference; and directly impacting activities such as estimation, cost control, cost forecasting and cost-benefit analysis. The joint-venture was a key milestone under CIDB Malaysia's initiatives to transform the construction industry into one that is highly productive, sustainable and world-class by 2020, in line with the CITP.

BCISM was initially formed in July 2019, the result of a collaborative effort between CIDB Malaysia and RISM. The BCISM model is similar to the BCIS company in the United Kingdom, or BCIS UK which had collected, analysed and interpreted cost information for the past 50 years.

Similarly, BCISM provided centralised building cost information for the industry and its stakeholders, providing cost information in a highly accessible online channel and assisting Malaysian construction industry players in the preparation of early cost estimates, cost planning, benchmarking and whole life costing.

The database operated by BCISM contains:

1. Cost Data such as Building Material Prices, Labour Wage Rates, Machinery Hire Rates and Equipment Purchase Prices; and
2. Construction Cost Indices, which include the Building Material Cost Index, Building Labour Cost Index, Building Machinery & Equipment Cost Index (BMECI) and Building Cost Index.

In the future, BCISM would also introduce new features and developments to the database, including:

1. Construction Cost Benchmark
2. Tender Price Indices
3. Life Cycle Costing



The Chief Executive of CIDB Malaysia, Datuk Ir. Ahmad 'Asri Abdul Hamid with the Corporate Communications Division responsible for the corporate branding of CIDB Malaysia.

INDUSTRY RECOGNITION IN COMMUNICATING THE CITP

CIDB Malaysia's efforts in communicating the nation's vision for construction excellence was recognised by the Public Relations industry. CIDB Malaysia won two awards at the Malaysian PR Awards (MPRA) 2019, organised by the Public Relations and Communications Association of Malaysia (PRCA Malaysia) on 22 November 2019. PRCA Malaysia is an independent, non-profit organisation representing public relations and communications practitioners.

CIDB Malaysia won the awards in two categories:

- The Silver Award in the Public Sector category for Promotion and Stakeholder Engagement of the CITP.
- The Bronze Award in the Public Affairs category for Creating a Safety First Culture in Construction.





CIDBTECH ESTABLISHED

On 13 January 2020, CIDB Malaysia established CIDB Technologies Sdn. Bhd. (CIDBTech) to streamline and focus as a training and skills competency assessment centre in the fields of Welding, Non-Destructive Testing (NDT) and Blasting & Painting Operation (BPO).

The goal of the establishment of this new subsidiary was to expand the skills and certification of high-impact skills of Welding, NDT and BPO to the international level and to produce more youths who are more competent in these field of high impact skills. These high-impact skills are areas of high demand in the industry, especially in the Oil & Gas sector; offering a more rewarding career in construction.

Among the services CIDBTech offers include:

- Training and Certification Programme for Welding, Non-Destructive Testing (NDT) and Blasting & Painting Operation (BPO)
- Skills Competency Assessment Programme (PKK) for Welding and Blasting & Painting Operation (BPO) for Malaysians and Foreigners
- Provide Welding Procedure Specification (WPS), Procedure Qualification Record (PQR), Welder Qualification Test (WQT) Testing Approvals
- Provide Non-Destructive Testing (NDT) Inspection Services
- Centre of Excellence for Asean, Asia and WorldSkills (WSC)
- Advance Welding Technology e.g. Simulation, Submerge Arc Welding
- Training and Trainers for Skills Upgrading



LRT3, FIRST TO ACHIEVE 5-STAR RATING FOR INFRASTAR



CIDB Malaysia awarded MRCB George Kent Sdn. Bhd. with 5-star Sustainable INFRASTAR certification for the design phase of the Light Rail Transit Line 3 (LRT3) project, from Bandar Utama to Johan Setia on 10 February 2020. This was the first infrastructure project to receive 5-star rating for Environmental Sustainability, a strategic thrust under the CITP.

Sustainable INFRASTAR is an objective and evidence-based evaluation system tool that assesses an infrastructure project on key sustainability factors, such as land use, impact of equipment use, resource and waste management on construction sites. It covers infrastructure construction, including highways and roads, water treatment plants, airport rail links, jetties and marinas, sewerage pipe networks, wastewater treatment plants and telecommunication networks.

The certificate of recognition was presented by Tuan Baru Bian, the Minister of Works in conjunction with a working visit to the LRT3 construction site. The Minister also witnessed the signing of a Memorandum of Understanding (MoU) between CIDB Malaysia and MRCB George Kent Sdn. Bhd. to enhance environmental sustainability programmes and good practices in construction works.

Sustainable INFRASTAR was launched in March 2019 by the Minister of Works. The assessment tool covers the gap in addressing environmental concerns for the construction industry. It complements other tools, such as the Malaysian Carbon Reduction and Environmental Sustainability Tool (MyCREST) for building construction by CIDB Malaysia, and the Malaysia Green Highway Index by the Malaysian Highway Authority (LLM).

Projects are assessed during the design stage for provisional rating and will receive the full rating upon completion. The projects that get more than 40% points will be given one-star, with five-star being the highest score.

40 CONTRACTORS HONOURED IN CIDB MALAYSIA'S INAUGURAL SHASSIC DAY

CIDB Malaysia recognised 40 contractors for achieving 5-star status in the Safety and Health Assessment System in Construction (SHASSIC) assessment; in conjunction with SHASSIC Day organised for the first time on 25 February 2020.

The SHASSIC Day was organised to recognise high achieving construction industry players in safety and health practices. In line with the goals outlined in the strategic thrust of Quality, Safety and Professionalism under the CIP, it measures to improve safety practices on construction sites to reduce the number of accidents and deaths at construction sites by 10% every year starting from 2021 based on 2020 statistics.

SHASSIC is an Occupational Safety and Health (OSH) contractor performance evaluation system in a project or construction activity. With SHASSIC, OSH's performance in the Malaysian construction industry can be objectively evaluated and benchmarked with standard systems. It was introduced in 2008 through CIDB Malaysia's collaboration with other agencies such as the Department of Occupational Safety and Health Malaysia (DOSH), Public Works Department (JKR), Master Builders Association Malaysia (MBAM) and others.

SHASSIC Day 2020 was officiated by Dato' Ir. Dr. Hj. Meor Abdul Aziz, the Chairman of CIDB Malaysia, with the presence of Datuk Ir. Ahmad 'Asri Abdul Hamid, the Chief Executive of CIDB Malaysia and his deputy Datuk Ir. Elias Ismail.



SHASSIC Day 2020 recognises the achievement of 40 contractors who scored 5-star SHASSIC Score ratings.



CIS 27:2019 LAUNCHED



CIDB Malaysia launched the Construction Industry Standard CIS 27:2019 Occupational Safety and Health - Specification and Bill of Quantities (BQ) for Construction Works on 25 February 2020 in conjunction with SHASSIC Day 2020.

This Standard document detailed the adequate Occupational Safety and Health (OSH) requirements and should be taken into account in placing the implementation cost of a project; to ensure that a project has sufficient allocation to manage OSH on the construction site. If these OSH provisions are not included in the BQ, then companies that place OSH implementation costs will stand to lose in the tender because the price offered will be higher than companies that do not place OSH implementation costs when bidding tender for projects.

To prevent this from happening, the CIS 27: 2019 should be used by all clients and project owners as a reference to place special provisions for the implementation of OSH in construction projects. This will ensure the tendering of projects are based on a level playing field as well as comply with legal requirements and good practices; and in turn reduce the accident rate at construction sites.



Presentation of the Anti-Bribery Management System certification to CIDB Malaysia in the presence of eight out of the 11 CIDB Malaysia Board Members.

CIDB MALAYSIA AWARDED ANTI-BRIBERY MANAGEMENT SYSTEMS (ABMS) CERTIFICATE

CIDB Malaysia was awarded the Anti-Bribery Management System certification, also known as MS ISO 37001:2016 as part of the organisation's effort to improve organisational efficiency and effectiveness in managing risks associated with bribery, through better prevention, detection and response as well as to comply with laws, regulations and other voluntary commitments.

The MS ISO 37001 is a voluntary internal control system for organisations to manage, handle, enforce, evaluate as well as to improve anti-corruption measures effectively. It is a flexible instrument that can be adapted to decrease the corruption risks faced by any organisation. The scope of MS ISO 37001 covers Anti-Bribery Management Systems for CIDB Malaysia headquarter, encompassing the areas of Contractor Registration and Levy, Construction Personnel Registration and Enforcement.

Datuk Ir. Ahmad 'Asri Abdul Hamid, the Chief Executive of CIDB Malaysia, said the certification was a reflection of CIDB Malaysia's pledge to promote integrity within the organisation. It also showcased CIDB Malaysia's commitment to become an example for the industry, being the regulator for the Malaysian construction sector.

The certification was presented by Mohd Azanuddin Salleh, the Chief Executive Officer of SIRIM QAS to CIDB Malaysia on 13 February 2020.



COVID-19: GLOBAL PANDEMIC IN MODERN TIMES

In late 2019, a mysterious disease caused by a virus was detected in China that specifically attacked the human respiratory system; and its severity may also lead to multiple organ failures and deaths.

The World Health Organisation (WHO) was quick to identify the new virus – and found the strain to be from the Coronavirus family. A name was then given to this new virus – the Coronavirus Disease 2019, or simply COVID-19.

COVID-19, being highly infectious and contagious, spread like wildfire across the globe. The world had just ushered in the year 2020, and most countries were still unaware of its presence. The spread was further accelerated through daily activities such as business, international travel and social gatherings worldwide.

Malaysia's first case of COVID-19 appeared on 25 January 2020, which was traced back to 3 tourists. From thereon, the disease which has a high infectious rate, began to spread quickly in the community; and the rest of the modern world. On 11 March 2020, the WHO officially declared COVID-19 as a global pandemic. Steps and Standard Operating Procedures (SOP) in battling the virus were guided by WHO; and every nation was put into full alert to combat this new pandemic.

In curbing the spread of the disease locally, which already had a tally of confirmed 553 positive cases, the Malaysian government announced on 16 March 2020 that a Movement Controlled Order (MCO) would be imposed nationwide beginning 18 March 2020. The MCO saw strict restrictions put into place - businesses, travel, social gatherings and education were all put to an immediate halt. Only certain essential services were allowed to remain open such as banking, grocery outlets and hospitals; the rest were ordered to close in an effort to break the pandemic's chain.

The MCO, which began on 18 March was extended until 9 June 2020. This phase of business and social lockdown saw all industries taking an unprecedented hit on its operations and revenue – many businesses were forced to shut down and workers losing their jobs.

The Malaysian construction industry was no exception, the closure led to construction projects being delayed, huge revenue losses and even loss of jobs for the construction workers.



THE IMPACT OF COVID-19 MCO ON CONSTRUCTION INDUSTRY

During the COVID-19 pandemic, the construction sector, as well as other economic sectors, were badly hit with many companies experiencing revenue losses and project delays. When the Movement Control Order (MCO) started on 18 March 2020, all construction and maintenance activities were not allowed to operate. The government announced that only 13 types of construction works which were considered critical were allowed to operate. These critical works were classified as those which would cause harm and danger to the public or the environment if not carried out. The 13 types of critical works allowed were:

- Slope repairs
- Pothole repairs
- Traffic Management Control (TMC)
- Periodic inspection on lifts/ travellers/ escalators and other critical mechanical and electrical equipment
- Repair of lifts/ travellers/ escalators and other critical mechanical and electrical equipment that were not functioning
- Maintenance work at critical service premises
- Facility upgrading work at critical service premises
- Traffic light repairs
- Construction of Bailey Bridge at sites with a collapsed bridge
- Tunnelling works
- Emergency works that were outlined in contract agreements
- Maintenance works, cleaning and draining of stagnant water, including fogging activities at construction sites to prevent the breeding of Aedes mosquitoes and other pests
- Other works, which posed danger if left uncompleted



The Senior Minister of Works conducted engagement sessions with the industry stakeholders to obtain input and feedback on the impact of the MCO.

Pictures courtesy of the Ministry of Works, Malaysia



The Senior Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof conducting a spot check at a luxury apartment construction site at Jalan U Thant.



On the 10 April 2020, the government through the Ministry of International Trade and Industry (MITI), announced the selected openings of other economic sectors to operate; with prior approval from MITI through its COVID-19 Intelligent Management System (CIMS). For the construction sector, only 11 category of works were allowed to operate, namely:

- Projects handled by G1 – G2 Contractors as the main contractor
- Projects that have been confirmed to achieve physical progress of 90% and above
- Tunnel works
- Maintenance works
- Slope works
- Emergency works enshrined in the contract agreement
- Maintenance, cleaning and drying works of stagnant water, spraying of pesticides on construction sites to prevent breeding of Aedes mosquitoes and other pests
- Other works, which if not completed would result in danger
- Building projects with 70 IBS scores and above
- Construction projects with facilities/ accommodation facilities for employees such as Centralised Labour Quarters (CLQ) or workers' camps
- Professional services involved in the construction industry including architects, town planners, engineers, land surveyors, quantity surveyors, project managers, facility managers and other related services

Due to the halt in operations except for selected areas of the construction sector, the construction industry experienced massive revenue losses. It was estimated to have suffered a loss of about RM11.6 billion during the 18 March to 14 April 2020 period; and another RM6.9 billion loss was recorded following the opening of revised sub-sectors from 15 April to 1 May 2020.

CIDB Malaysia records also show that the value of construction projects awarded had experienced a 28% decrease amounting to only RM77.95 billion for the period from January to December 2020, compared to RM108.29 billion in the same period in 2019.

CIDB MALAYSIA STEPPED UP ADVISORY AND ENFORCEMENT ROLES DURING COVID-19 MCO

With the announcement by the Ministry of International Trade and Industry (MITI) on 10 April 2020 to allow the selected opening of economic sectors, several critical construction worksites and projects in the construction sector were allowed to gradually operate; with adherence to strict Standard Operating Procedure (SOP) on 15 April 2020.

The reopening of the construction industry is critical as it is considered a catalyst to the overall economic development of the country. Every year, on average, the construction works carried out is worth RM140 billion; and the construction industry has an estimated two times multiplier effects which impact about 196 industries which rely on construction for their progress and sustainability. This includes the financial sector, manufacturing, logistics and other related sectors.

To ensure that best practices and SOPs were adhered with the gradual opening of the sector, CIDB Malaysia had drafted and enforced the Preventive Measures Guidelines at Construction Sites and the Centralised Labour Quarters and Workers' Accommodation Guidelines. Among the points the guidelines introduced and enforced were:

- COVID-19 Preventive Measures Guidelines at Construction Sites
- Worksites must obtain prior permission from authorities before resuming work
- Only allow worksites with minimum number of workers to operate
- Daily temperature and health checks records for workers
- Strict management and periodical sanitisation of workers' accommodations and workplace
- Adherence to social distancing and wear masks at all times

In the effort to provide further advisory, guidance and address questions from the construction industry players, CIDB Malaysia had set up a 24 hours Hotline at 03-556 7277; which were manned by CIDB Malaysia Corporate Communications Staffs on rotation while working from home.

CIDB Malaysia had also gathered resources from all its divisions to form a team of 116 staff to swiftly process industry players applications from the MITI COVID-19 Intelligent Management System (CIMS) from 9am to 10pm daily, including weekends. The team had processed 41,758 applications by the time all business sectors were allowed to open on April 29, 2020. Out of these applications received for operating permits, 10,435 (25%) applications were approved, 21,591 (52%) failed, 5,838 (14%) were undergoing process and 3,894 (9%) fell in the appeal category.

In addition, CIDB Malaysia had conducted a total of 11 studies and surveys from 9 April to 10 November 2020 on various impacts of the COVID-19 pandemic to the construction industry players; issues revolving around challenges the industry players faced in re-starting operations, financial challenges, work schedules and construction workers' related issues. The data was compiled and submitted to the Economic Action Council (MTE) chaired by the Prime Minister, and became the basis of formulating action plans to help in reducing the negative impact on the industry.

With the growing increase of COVID-19 cases in construction sites, CIDB Malaysia had also increased site inspections through collaboration with other agencies such as the Labour Department, the Department of Occupational Safety and Health (DOSH), the National Security Council (*Majlis Keselamatan Negara* – MKN) and local authorities. From April to December 2020, CIDB Malaysia had conducted a total of 14,124 inspections on 8,029 construction worksites, which on average involve about 1,400 inspections per month. The results of the inspection conducted found that 7,631 (96%) worksites were SOP compliant while 318 (4%) were non-compliant. 19 sites were ordered to close immediately due to non-compliance with the prescribed SOPs. The enforcement activities involved a total of 367 staffs, consisting of 161 enforcement officers and another 206 support officers nationwide.



An engagement session held on 22 September 2020 between the Ministry of Works and construction industry stakeholders to gauge views, feedback and recommendations on the impact of the COVID-19 pandemic on the construction industry. Also present was the Minister in the Prime Minister's Department (Economy), Dato' Sri Mustapa Mohamed.



THE FRONTLINER FOR THE CONSTRUCTION INDUSTRY

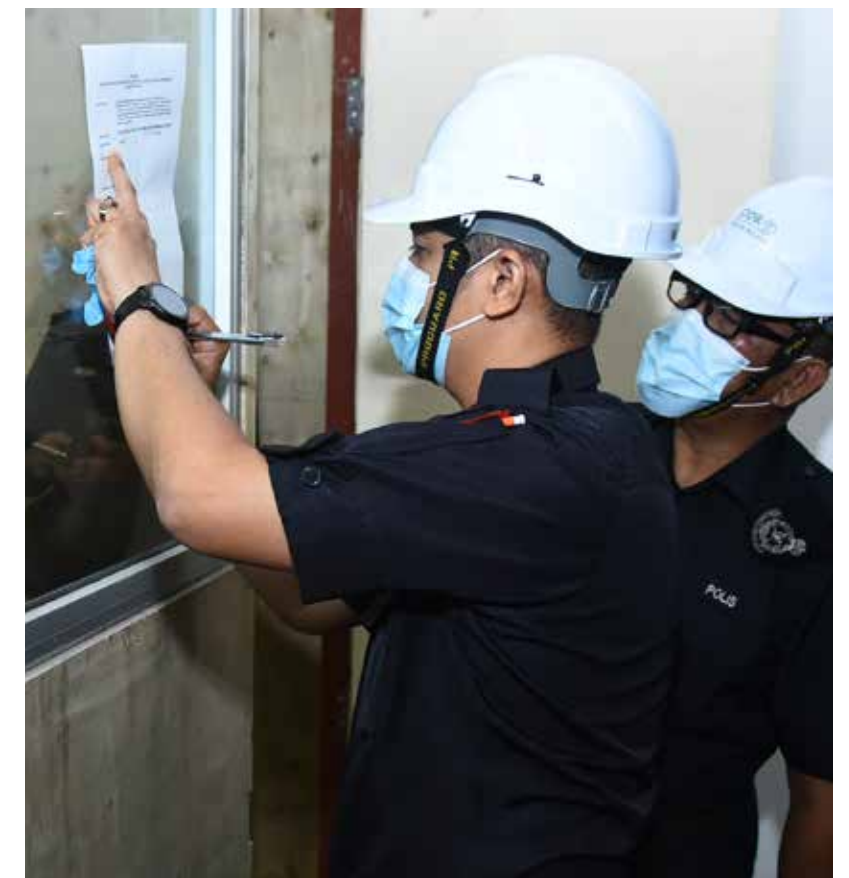
CIDB Malaysia played an important role by being the reference point for all agencies and stakeholders for the construction industry during the commencement of the Movement Control Order (MCO), the Conditional Movement Control Order (CMCO) and the Recovery Movement Control Order (RMCO) from 18 March until 31 December 2020.

CIDB Malaysia had been directly involved as the frontliner for the construction industry during the COVID-19 pandemic period; provided SOPs and guidelines for the construction sector, carried out enforcements at construction sites, as well as proposed recommendations and solutions to the government in countering the impact the pandemic put upon the industry.

In carrying out these roles, CIDB Malaysia was appointed by the government to serve in the COVID-19 Pandemic Management Strategic Committee under Working Group 5 (Development and Infrastructure), and was tasked to prepare the Construction Sector Pandemic Management Strategic Action Plan (SPP) for the industry's reference. A total of 7 strategies had been proposed to be implemented covering 53 initiatives and 155 programme for the short, medium and long term.

In addition, CIDB Malaysia was also appointed as a member of the Pandemic Management Technical Working Group Committee under the MKN, whose role was to provide up-to-date information on enforcement activities at worksites, compliance with SOPs, and provide solutions to address issues raised by the industry.

CIDB Malaysia was also a member of the Coordinating Committee for the List of Necessary Services under the MITI. In this Committee, CIDB Malaysia was responsible for providing views and advice on the impact of the MCO implementation on the construction industry. Among the advice and suggestions submitted by CIDB Malaysia to MITI was the gradual opening of the construction sector at the beginning of the MCO; to avoid the sudden rise in demand for goods and services. When the demand was stabilised, the construction sector was fully opened by the government on 1 May 2020.



CIDB frontliners executing site inspections and enforcements of the SOPs on site during the MCO.

CIDB PRIHATIN PACKAGES

Contractor companies, especially the smaller G1 and G2 contractors, were severely affected economically when they were unable to continue construction projects during the Movement Control Order (MCO). To help alleviate the financial burden faced by most contractors, CIDB Malaysia introduced several incentives in processes and transactions related to contractors and construction personnel, in the short and medium term of 6 months during the MCO period.

The initiative introduced was the *CIDB Prihatin* Package 1, which was launched on 7 May 2020 and ended on 31 December 2020. This package involved an allocation of RM8.7 million and offered several incentives to contractors and construction personnel as follows:

- Deferment of levy payments (for private projects)
- Relaxation of contractor registration requirements
- Postponement of imposition of MCORE (G1) requirements to 2021.
- Exemption from Management Competency Certificate (SKP) requirements & Integrity courses
- Deferment of local Construction Personnel Skills Training fees
- Deferment of Skills Competency Assessment fees
- Incentive for Supervision & Management Training fees
- Extension of validity period for Construction Personnel Certificate.
- Standard Compliance Certificate (PPS) issuance facility
- Certificate of Approval (COA) fee reduction

CONTRACTOR

1. Deferment of levy payments (for private projects)
2. Relaxation of contractor registration requirements
3. Postponement of imposition of MCORE (G1) requirements to 2021
4. Exemption from Management Competency Certificate (SKP) requirements & Integrity courses

CONSTRUCTION PERSONNEL

1. Deferment of local Construction Personnel Skills Training fees
2. Deferment of Skills Competency Assessment fees
3. 50% Discount Incentive for Supervision & Management Training fees
4. Extension of validity period for temporary Construction Personnel Certificate from 2 months to 6 months

CONSTRUCTION MATERIALS

Reduction of Certificate of Approval (COA) fee from RM1,000 to RM750 from 15 May to 31 December 2020

Thereafter, CIDB Malaysia launched the *CIDB Prihatin* Package 2 on 10 July 2020 and ended on 31 December 2020. This package focused on re-skilling and up-skilling existing construction personnel in the construction sector. This package also offered training opportunities to locals who are unemployed as a result of the implementation of MCO; and upon completion of training, those trained had the opportunity to apply for employment in the construction sector.

This package also gave focus on human capital development, especially for those involved in supervision and management. Apart from that, the *CIDB Prihatin* Package 2 offered technology-related courses aimed at raising awareness in construction technology.

The CIDB Malaysia Package 2 involved an expenditure of RM55.5 million, of which RM49.8 million or 90% of the allocation was for apprenticeship and re-training, RM3.9 million or 7% allocation was for the purpose of Technology Development, and RM1.8 million or 3% of the allocation was for Contractor Development.

COVID-19 SOP COMPLIANCE AND BEST PRACTICES: SITE VISIT TO GAMUDA LAND'S TWENTYFIVE.7 PROJECT



Dato' Sri Hj. Fadillah Hj. Yusof with delegations from the Ministry of Works and CIDB Malaysia visiting the TwentyFive.7 mixed development project site in Kota Kemuning to observe the contractor's compliance to the SOPs.

The best practice of the Standard Operating Procedure (SOP) can prevent the spread of the COVID-19 epidemic at construction sites and would enable construction projects to continue to catalyse the country's economic development.

Construction industry players have an important responsibility in ensuring that all SOPs are complied with to ensure the safety of workers and prevent the spread of COVID-19 infection at construction sites and surrounding areas.

The Senior Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof led a delegation to visit the TwentyFive.7 mixed development project site in Kota Kemuning on 3 June 2020. The main contractor, Gamuda Engineering had complied with the SOPs set and had taken the initiative to introduce several additional measures to curb the spread of COVID-19 at the site. Among the initiatives taken were to develop special applications to record the attendance and health status of employees and track the movement of employees. In addition, segregated rest areas for employees according to fields at different levels at the construction site were made available to ensure social distancing during breaks.

Also present during the visit were the Secretary General of the Ministry of Works, Datuk Dr. Syed Omar Sharifuddin Syed Ikhsan; the Chief Executive of CIDB Malaysia, Datuk Ir. Ahmad 'Asri Abdul Hamid; the Deputy Chief Executive I of CIDB Malaysia, Datuk Ir. Elias Ismail; the Managing Director of Gamuda Engineering Sdn. Bhd., Dato' Ubull Din Om; the Executive Group Director of Gamuda Berhad, Dato' Hj. Azmi Mat Nor and the Executive Director of Gamuda Land Sdn. Bhd., Dato' Hj. Abdul Sahak Safi.

The Ministry of Works hoped all contractors continue to comply to the SOP and follow best practices, so that more construction projects can start operating fully and have a positive impact on the national economy.





The Senior Minister of Works posing with representatives from CIDB Malaysia and Ecoworld Development Group Berhad while observing social distancing during the visit to the BBCC project site.

COVID-19 SOP COMPLIANCE: BBCC CONSTRUCTION PROJECT SITE VISIT

On 16 June 2020, the Senior Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof, led a delegation to Bukit Bintang City Centre Construction (BBCC) project site to observe how COVID-19 SOPs were being implemented and complied to in a mega project.

This integrated development project has a gross development value (GDV) of RM8.7 billion and is located on an area of 19.8 acres on the former Pudu Prison site, Jalan Hang Tuah, Kuala Lumpur.

Also present were the Deputy Minister of Federal Territories, Datuk Seri Dr. Santhara J.P., the Mayor of Kuala Lumpur, Dato' Nor Hisham A Dahlan, the Chief Executive of CIDB Malaysia, Datuk Ir. Ahmad 'Asri Abdul Hamid, and the Executive Chairman of Eco World Malaysia, Tan Sri Dato' Sri Liew Kee Sin.



Dato' Sri Hj. Fadillah Hj. Yusof with delegates being briefed on the measures taken by Ecoworld to ensure compliance to the SOPs at the BBCC project site.



CIDB MALAYSIA DeLIGHT HOMES HANDBOOK PUBLISHED

A research guideline jointly developed by CREAM, in a collaborative effort with the National Housing Department (JPN) and Eleena Jamil Architect had published the CIDB Malaysia DeLIGHT Homes Handbook on 19 June 2020.

DeLIGHT - Design for Low-Income Group Housing through Technology, aims to humanise low-income housing through technology and innovation. The handbook promotes the use of modern technology in affordable housing projects; namely the Industrialised Building System (IBS) and Building Information Modelling (BIM) to achieve build efficiency, better quality and affordability.

The handbook highlights the use of passive design strategies in building low-cost housing; where layouts were designed to allow the increase of natural lighting and air flow throughout the internal spaces. The DeLIGHT design, being modular in nature, also allowed the construction of multiple design configurations; to suit and overall improve the low-cost housing in terms of design, cost and deliverability.

The DeLIGHT Homes handbook provides extensive guidance on construction costs calculations to inspire developers to build affordable housing for the low-income group without sacrificing the necessary features needed for families to experience a good quality of life.



The DeLIGHT Homes handbook is downloadable from the portal.cidb.gov.my



Datuk Dr. Syed Omar Sharifuddin Syed Ikhsan, the Secretary General of the Ministry of Works together with CIDB Malaysia Chief Executive, Datuk Ir. Ahmad 'Asri Abdul Hamid, SOCSO's Head of Prevention, Media and Rehabilitation Division Dr. Azlan Darus and Datuk Ir. Elias Ismail, CIDB Malaysia Deputy Chief Executive I observing the COVID-19 swab tests conducted.

CIDB MALAYSIA AND SOCSO ORGANISED CENTRALISED FREE COVID-19 TEST

CIDB Malaysia has collaborated with the Social Security Organisation (SOCSO) to hold a centralised COVID-19 screening test, held at the CIDB Convention Centre in Kuala Lumpur on 5 July 2020. This was to facilitate contractors around the Federal Territory of Kuala Lumpur, Putrajaya as well as the state of Selangor to send their foreign employees to undergo the screening test. The initiative successfully attracted the participation of more than 700 foreign workers from 59 construction companies to undergo the test.

On 27 April 2020, SOCSO had launched the SOCSO *Prihatin* Screening Programme (PSP) which offered free COVID-19 testing to its contributors. From 1 June 2020 onwards, all employees in the construction and security surveillance sector in the Federal Territory of Kuala Lumpur, Putrajaya and the whole state of Selangor were able to take benefit from this Programme.

The SOCSO PSP was part of the government's initiative in providing targeted COVID-19 tests to certain sectors which are most vulnerable to contracting the disease.



Medical personnels conducting the COVID-19 swab tests at the centralised free COVID-19 screenings held in the CIDB Convention Centre, Kuala Lumpur.



The success of collaboration between government agencies and construction industry stakeholders is most lauded in combating the spread of COVID-19 at construction sites.

SOP COMPLIANCE: BANGSAR SOUTH CLQ VISIT



In May 2020, 88 positive cases of COVID-19 were detected from three infection clusters at construction sites. The Ministry of Health discovered that workers' quarters which were crowded and in a deplorable state had become a major factor for the spread of COVID-19 at construction sites.

To highlight this issue, the Senior Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof led a delegation to visit the Centralised Labour Quarters (CLQ) located in Bangsar South, Kuala Lumpur on 7 July 2020.

Also present in the visit were the Minister of Human Resources, Datuk Seri M. Saravanan, the Director General of the Department of Manpower (JTK), Dato' Mohd Jeffrey Joakim, the Mayor of Kuala Lumpur, Dato' Nor Hisham Dahlan, the CIDB Malaysia Chairman, Tuan Ir. Hj. Yusuf Hj. Abd. Wahab, the CIDB Malaysia Chief Executive, Datuk Ir. Ahmad 'Asri Abdul Hamid, and the Kuala Lumpur DOSH Director, Mr. Husdin Che Amat.

Previously on 3 June 2020, enforcement teams from various agencies, namely CIDB Malaysia, the Department of Manpower (JTK), the Kuala Lumpur City Hall (DBKL) and Department of Occupational Safety and Health (DOSH) conducted various inspections on the workers' accommodations. The agencies involved had provided the pertinent information on employee accommodations guidelines; plus proposed improvements that needed to be implemented to ensure SOP requirements were complied.

CIDB Malaysia had played an important role in developing the Malaysian Standard for Temporary Construction Workers' Amenities and Accommodation (MS 2593:2015). This publication of MS 2593:2015 was one of the initiatives under the CITP.

The Workers Minimum Standards of Housing and Amenities (Amendment) Act 2019 (Act 446) was gazetted in September 2019; and the COVID-19 pandemic had highlighted on the crowded and squalid conditions of workers' accommodations, which expedited the implementation of the amended Act. The Ministry of Human Resources had announced for the amended Act 446 to be enforced on 1 September 2020.

The Bangsar South CLQ built 15 years ago, houses 950 construction workers and is equipped with accommodation cabins, toilets and a clean kitchen. In addition to cleaning and disinfection activities, fogging and pest control are also executed regularly to prevent the spread of diseases.

MoU SIGNED ON ENHANCING TRAINING OPPORTUNITIES AND JOB PLACEMENTS

CIDB Malaysia and the SOCSO signed a MoU on 11 August 2020, aimed at enhancing training opportunities and job placements in the construction sector.

Through the MoU, SOCSO funded the re-skilling and up-skilling training to be implemented by CIDB Malaysia through the *SOCSO Penjana Kerjaya* Programme. This programme was made available to SOCSO contributors who lost their jobs, and to all employees who had started work from 5 June 2020.

CIDB Malaysia played the role of providing training in various fields relevant to the construction industry, as well as obtaining suitable placements for those who have been trained at the ABM and also CIDBTech. The skills training provided were crane operations, mechanical/electrical, welding, heavy machinery operations, and other high impact construction trades. CIDB Malaysia also offered training in the field of supervision and management, installation of IBS components and the use of BIM.

The trainings implemented by CIDB Malaysia were in line with the government's initiative to strengthen Technical Education and Vocational Training (TVET); to improve the skills competencies and marketability of local youth and skilled construction workers. Also, to further enhance the marketability and suitability of graduates, CIDB Malaysia had introduced the Construction Industry Apprenticeship Programme.

The MoU was signed by the Chief Executive of SOCSO, Dato' Sri Dr. Mohammed Azman Dato' Aziz Mohammed and the CIDB Malaysia Chief Executive, Datuk Ir. Ahmad 'Asri Abdul Hamid. The ceremony was witnessed by the Senior Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof and the Minister of Human Resources, Datuk Seri M. Saravanan.



The MoU signing resulted in CIDB Malaysia and 560 employers who had registered with the Penjana Kerjaya Programme putting together suitable training courses for more than 1,181 employees accepted under the programme.

CONSTRUCTION REVOLUTION 4.0 STRATEGIC PLAN

The Construction Revolution 4.0 Strategic Plan (CR4.0) developed by CIDB Malaysia through CREAM, was launched virtually by the Senior Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof on 17 November 2020, in conjunction with the ICW 2020.

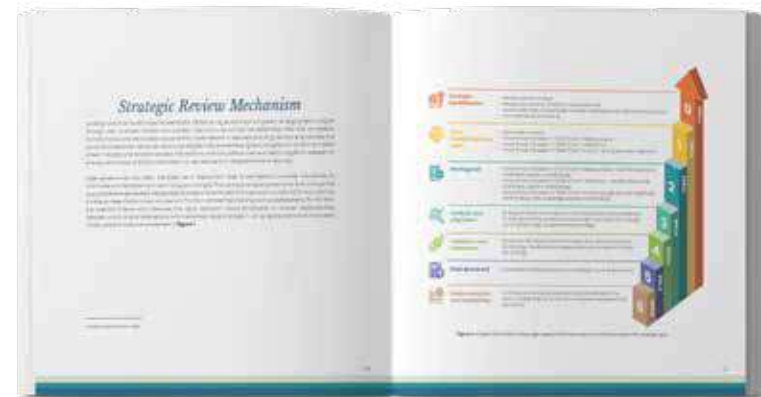
CR4.0 five-year plan was introduced with the objective to transform the Malaysian construction industry to be smart, sustainable and progressive using digital technology and innovations.

The launch of CR4.0 came at the right time when technological adoption are being accelerated in all industry globally because of the COVID-19 global pandemic.

CR 4.0 promotes the use of the latest technologies such as Artificial Intelligence (Ai), Augmented Reality (AR) and 3D printing in all construction processes for improved productivity, sustainability and quality of work. CR4.0 also aims to change the landscape of the Malaysian construction industry to be future ready by embracing smart construction.

There are four main drivers of CR4.0 namely People, Integrated Technology, Government and Economy; supported by the four main strategic thrusts:

- Development Capacity
- Excellence in Research, Innovation, Commercialisation and Entrepreneurship
- Smart Integrated Technologies, Innovation and Infrastructure
- Enhanced Business Environment



ACHIEVING EXCELLENCE IN CUSTOMER SERVICE



CIDB Malaysia achieved excellence when the CIDB Careline won the Gold Medal for Best New Contact Centre Category at the Contact Centre Association Malaysia (CCAM) Awards 2020 held on 19 December 2020.

This customer service award was based on the following CIDB Careline excellent achievements:

- 88.62% of calls answered within 20 seconds.
- The Customer Satisfaction Index in 2020 is 81% compared to 77% in 2019.

This corporate category award recognises performance across the entire operational spectrum, specific to CIDB Malaysia services being offered to the end-user. It recognises capabilities across service delivery, solution's relevance, people and technology competencies, process excellence and improvements, client value and attainment of operational outcomes.

Organised by CCAM, this awards programme is an independent business award programme, judged by professional members of the industry, to recognise and reward operational excellence in business services. The award is aimed at recognising excellence across the organisations that have greatly contributed to development, enhancement and growth of the business services.

The CIDB Careline is CIDB Malaysia's telephone helpline for industry players to call in for any queries regarding the construction industry; and can be reached at 03 - 5567 3300.



The CIDB Careline is manned by Daythree Business Services Sdn. Bhd., a leading business service provider in the region.

ICW 2020 GOES VIRTUAL

In the year 2020, CIDB Malaysia had organised the annual ICW on a virtual platform for the first time. The global COVID-19 pandemic had halted all international travel, and events involving large crowds were prohibited. Thus, CIDB Malaysia took the challenge by embracing the new normal by hosting ICW online from 17 to 19 November 2020. The event, officiated by the Senior Minister of Works, Dato' Sri Hj. Fadillah Hj. Yusof carried the theme, 'Embracing Construction Revolution'.

The main conference of ICW 2020 was the CR 4.0 Conference; conducted online featuring 17 speakers and attracted 300 participants.

The exhibition component of ICW, which was the ASEAN Super 8 organised by Informa Markets, was also organised virtually for the first time. The exhibition featured 31 exhibitors and attracted 1,132 unique visitors from 37 countries.

The Webinars and Pocket Talks organised throughout ICW 2020 had attracted 1,878 attendees, while the Innovation Tech Zone sessions had attracted 727 attendees.

While the number of visitors and participants was a far cry from what ICW used to enjoy, this was definitely a good starting point - as the whole events and exhibitions industry had to learn and embrace the new normal and explore the vast potential that digital platforms could offer; such as unlimited number of potential visitors and participants globally.



Despite the challenges in organising the ICW 2020 virtually, a total of 4,654 attendees participated in the 3 days programme including 807 stakeholders in the opening ceremony via online.



CIDB MALAYSIA CELEBRATES ITS *25 Years Journey*

“ And so, the journey continues.
May the next 25 years be as exciting,
productive and impactful to the industry. ”

Datuk, could you tell us briefly your experience and history working in CIDB Malaysia?

I joined CIDB Malaysia in August 1998, when it had only began operating for 4 years. From 1998 – 2005, I was the Senior Manager in the Construction Technology Division, spearheading research in the areas of construction techniques and materials. Focus areas were IBS, Modular Coordination and Research Management under the Intensified Research in Priority Areas (IRPA) programme. During this period, I also established CREAM (Construction Research Institute of Malaysia).

From 2006 – 2007, I was appointed as the General Manager of the Construction Technology Development Division, responsible for managing construction technology for industry. Then, from 2007 – 2012, I became the Senior General Manager of the Technology and Innovation Development Sector; developing and managing construction technology and innovation for the construction industry.

From 2012 – 2014, I was appointed as the Senior General Manager of the Management Sector; heading the Strategic Management, Human Resources and Information, Financial and Asset Management for CIDB Malaysia.

And currently, from 2018 – until today, I am the Deputy Chief Executive I of CIDB Malaysia, overseeing the development programmes and operations of CIDB Malaysia; namely the Corporate and Business Sector, Technology Development Sector and the Contractor & Levy Sector. I am also currently the Deputy Chairman of several CIDB Malaysia subsidiaries, namely CIDB e-Construct Sdn. Bhd., CIDB IBS Sdn. Bhd., CREAM, ABM Sarawak and ABM Terengganu.

You were one of the early pioneers, instrumental in setting up the initial sectors, divisions and departments – plus their policies within CIDB Malaysia. Could you enlighten us what were your considerations when forming and developing those with regards to the industry?

I joined CIDB Malaysia 4 years after it was established and started operations. Everything were still relatively 'greenfield', and I was among the early pioneers that was involved in kick-starting many programmes in CIDB Malaysia.

Among the first guiding principles established was the CIDB Act 520. That was the Act that established CIDB Malaysia and defined its functions. Then, together with the Minister of Works, the Board Members, CIDB Malaysia's Management and stakeholders of the construction industry, we further established the Vision and Mission, charted strategies and plans, and established the structure of implementation which shaped the CIDB Malaysia organisation structure.

CONVERSATIONS WITH THE PIONEERS

Former Deputy Chief Executive I

DATUK IR. ELIAS ISMAIL



All the while, the group identified the main responsibilities of CIDB Malaysia are to regulate and develop the construction industry in the main core areas of contractors, workers and construction materials; while technology and the business environment being the recognised enablers.

Along the way, a number of Master Plans, Strategic Plans and Roadmaps were developed to guide us in the implementations of programmes. Notable examples are Construction Industry Master Plan (CIMP 2006 - 2015), the IBS Strategic Plan, the IBS Roadmap 2003 - 2010, OSH Master Plan 2015 - 2020, and the Construction Industry Transformation Programme CITP (2016 - 2020), to name a few.

You were also at the helm of the Construction Research Institute of Malaysia (CREAM). What drove you to form and develop CREAM, and recognise its importance for the Construction Industry?

Yes, CREAM has been very instrumental to me. When I first joined CIDB Malaysia, R&D was my first responsibility. Ever since, R&D has been my interest and passion. R&D can provide knowledge and insights, lead to improvements for existing processes where efficiency can be increased and costs reduced. It will allow the construction industry to develop new products and services to allow us to thrive in competitive markets, such as the development of IBS and BIM.

R&D is one of the functions of CIDB Malaysia. In the beginning, CIDB Malaysia was not able to carry out R&D functions in-house; thus an entity in the form of a CIDB Malaysia subsidiary was identified and established. At its core, the function of CREAM is to gather available experts, resources, and data – to engage in experimentation, analysis and reports. The outcomes of which will then be further commercialised by CREAM for industry usage.

Other components were also roped in along the way with CREAM, such as the establishment of Ministry of Works Laboratory, the Centre for Construction Assessment, MAMPAN and the Centre for Construction Innovations. It is my vision that CREAM shall be the centre of excellence for construction, and will continuously contribute to the advancement of the Malaysian Construction Industry.

It is the 25th year CIDB Malaysia has been serving for the betterment of the Construction Industry. What are some words of wisdom you like to impart for the industry and its players?

I always look at this industry from two perspectives.

Firstly, the provider of a built-environment and its outcome – for example schools, hospitals, highways, etc. All of those must be of adequate quality, able to serve its intended functions, contribute to a better quality of life for users and remain environmentally sustainable.

Secondly, the construction sector as an economic activity. This means that the construction sector must always remain a safe and profitable business activity for the players involved – project owners, consultants, contractors, material suppliers, workers, etc. In terms of national growth, the construction sector is a significant contributor to the nation's GDP (Gross Domestic Product).

Hence, the industry and its stakeholders should focus all attention and efforts from the two perspectives. Any activities NOT contributing to either perspective should not be in our list.



Former Senior General Manager,
Corporate & Business Sector

Sr SARIAH ABDUL KARIB

Any thoughts as CIDB Malaysia's longest-serving staff?

When CIDB Malaysia was first established, it was through the cabinet committee on skilled workers and JKR was tasked as the secretariat on the committee for skilled workers. That's how I started on this. Being in the quantity surveying department, the DG (Director General) delegated to my sector to look into it, so I got involved in preparing everything for that. One of the recommendations under the cabinet committee to address the issue of skilled workers was to establish a body like CIDB Malaysia, to train skilled workers. That's how I got involved in CIDB Malaysia from the very beginning, even before December 1994 when the Act was enacted.

Even in 1992, 1993 we were already working to establish this body, working with the cabinet papers, with the formulation of the act ... then we went to Hong Kong, look at how they run their training centre. That's how we came up with the idea of collecting levy, from Hong Kong. At that time, the government didn't want to increase government expenditure in creating a new organisation. So they say, if you want to have a new organisation, it needs to be self-financing!

There was so much of work at that time, because I had to look into everything – the regulations, the financial roles, the scheme of service ... At that time, we were already thinking of having CIDB Malaysia as a separate scheme altogether from the government, so we had to prepare the scheme of service, get the office, staffing ... there were only two of us at that time.

Who was the other one?

Norashikin. We were the ones who looked for our first office in PWTC, ... and then we took some JKR staff, about 20 of them -- the pioneer staff at the time.

After that we moved to Subang, as we wanted a lot of space for exhibition. Then they wanted to demolish the building to build something new, so we had to move to the Grand Seasons hotel, then we came back to PWTC, after 20 years.

What do you look for when searching for people to join the pioneer team?

When we started CIDB Malaysia, the most important thing we wanted to instil was professionalism. When we took a staff, the utmost important thing is to make sure that the staff is professional and committed. Look at the earlier staff ... we made sure those who came were with quality, the standards were high. You can see that they have all taken bigger roles through the years.

Any fond memories?

Oh, those were the early years. When we first enforced the registration of contractor, we gave grace period for contractors to register. When the day came to enforce it, we were like ... attack by the contractors until the door broke -- the front office door. There was chaos in the office. Someone had to stand on the table, to calm them down! And we had to call the police, because so many people came to register! This is something I cannot forget. It's actually a good sign, as it showed people want to adhere to the regulation.

In the early years, there were hardly 20 of us; there were no barriers at all. Everybody works for the whole of CIDB Malaysia ... doesn't matter what it is ... training, registration ... everybody's working for everything. All of us were very close. So I can see the expansion of CIDB Malaysia from 2, to 8, to 20, to what it is now ... more than 700. I've never regretted coming to CIDB Malaysia. It was the best thing that could have ever happened to me. There are a few good things that have happened to me – getting a degree ... and coming to CIDB Malaysia was one of those good things. In CIDB Malaysia, you put into practice what you acquired in JKR. JKR is implementing project ... you produce the product, the construction ... but here you apply the knowledge in implementing programme for the industry.

I always feel that the staff should go through that process first. Go into industry practice, and then come to CIDB Malaysia. Because we develop the industry, so our work is very interesting. It's not routine. There are no limits to what we can achieve here.

Do you have a message to members and partners for CIDB Malaysia's 25th anniversary?

To me, I look at it this way. CIDB Malaysia cannot work alone, cannot work in isolation. We need the cooperation from the whole industry, to partner with us. We need to get everybody to come on board, to embrace all our initiatives. Even in my initiatives, I need people to come on board to embrace MyCESMM, to get the CIPAA into action if they don't get payment, I need the industry to come talk to us if they want to do business planning ... policy formulation, come and get it from us.

We need the industry to partner with us, only then can we move forward. We cannot be regulating everything, certain things are voluntary. A lot of things are voluntary. Our regulatory power is very limited, the rest of the things are voluntary. We need the industry to volunteer and come forward and execute it. Then only can we move together to take the construction industry to greater heights. Otherwise we can't.



Deputy Chief Executive I

**MEGAT KAMIL AZMI MEGAT RUS
KAMARANI**

What are your feelings about CIDB Malaysia?

I think for the past 25 years, CIDB Malaysia has progressed. We started off with 20 staffs and now we have more than 700 staffs. We started off with just CIDB Malaysia and now we have CIDB Malaysia and subsidiaries and also the state CIDB Malaysia. Now, we have offices nationwide. Today, we have also progressed in terms of regulatory power. With the amended Act 520, more power is given to CIDB Malaysia and more responsibilities to ensure the construction industry is further developed and enhanced.

What do you see as CIDB Malaysia's greatest achievements?

In terms of regulatory, we managed to regulate the industry in the sense that all contractors, workers are registered. Before CIDB Malaysia, everybody can become a contractor. Anybody can become the workforce in the industry. Now, these people need to be certified. With the amended act, the regulatory system of the construction industry will be more regulated; all construction materials produced and used must be up to the standard. In addition, it is now mandatory for all workers to be accredited so that they are able to produce quality work.

In terms of Workforce development, I believe the *Akademi Binaan Malaysia* have trained an exceptional number of workers and youths so they can enter the industry. There are many other things - like National Construction Information Centre we established which becomes a one-stop centre for all information and statistics pertaining to the construction industry. We also promote quality in construction through assessment tools such as QLASSIC. In term of regulatory and development function we have excelled, compared to where we started off.

Among our main achievements are the Construction Industry Payment and Adjudication Act (CIPAA) and the Amendment of Act 520.

Any fond memories of your time in CIDB Malaysia?

I always remember the beginning of CIDB Malaysia because at that time not many people were there, compare to what we have now. There were so many things that needed to be done such as contractor and workers registration. There are many road shows we had done to create awareness on the role of CIDB Malaysia. We have to get things done within a short time which is quite a challenge as there were very few of us.

When we first started, the challenge was more at the regulatory side as back then CIDB Malaysia do not have much power. Now, CIDB Malaysia has more power to enforce. We can take action against a contractor if they do not fulfill their duty as a contractor causing a building or structure to collapse.

Is there anything you wish to say to your colleagues on occasion of CIDB Malaysia's 25th anniversary?

My comment is to be patient, work hard and let's make CIDB Malaysia a better organisation for ourselves and the industry.

Please tell us about your experience with CIDB Malaysia.

When CIDB Malaysia first started, we were seconded by JKR to work for CIDB Malaysia. There was no overtime, as CIDB Malaysia only had a RM7 million grant from the government. I was eligible for overtime, but we all felt that since we had been specially selected for this assignment, we had a responsibility to CIDB Malaysia and didn't ask for it. Our boss did buy us lunch, though. We didn't even have enough tables and to use the phone, we had to walk to Telekom to make calls. In those days, there were no handphones like we have today; we had the giant brick phones. Since then, I've seen CIDB Malaysia grow from just a few of us to over 700 people.

Any fond memories of your time in CIDB Malaysia?

I still remember two occasions during my time in CIDB Malaysia: once, during the last day of registration for contractors. It was the deadline, and they would incur a hefty fine if they failed to register. So many contractors turned up to register from all over Malaysia as CIDB Malaysia only had one office then. They pushed to come in until even the door to the counters was broken!

Another memory for me was when we borrowed a Land Rover from *Jabatan Kerja Raya*. We were rushing for a roadshow and were detained by the police due to overloading and driving too fast.

Is there anything you wish to say to your colleagues on occasion of CIDB Malaysia's 25th anniversary?

To employees and officers of the CIDB Malaysia, let your intention be to work for God, and when we intend to work for God, our work will be blessed and perfect.



Former Senior Assistant Manager,
Contractor Registration Unit

MISBAH REMBUM



Administrative Assistant
Deputy Chief Executive I Office

ZAHANIM MOHD ZAIN

Please tell us about your experience with CIDB Malaysia.

CIDB Malaysia is a good platform for the industry players, as training is provided for the contractors to give them work opportunities and to grow their business. Through training, the skills of local contractors can be monitored and certified by CIDB Malaysia. Industry players also get the opportunity to do business overseas with the assistance of CIDB Malaysia.

What do you see as CIDB Malaysia's greatest achievements?

Since my early involvement with CIDB Malaysia, we just started as a centre for contractor registration when it was made compulsory, especially for those who deal with government projects. Training centres for the youth and schools such as ABM did not exist at that time. Now, CIDB Malaysia is coming up with more stringent regulations for compliance by the industry players, and new training and opportunities.

Any fond memories of your time in CIDB Malaysia?

When I first joined CIDB Malaysia, the office was not completely done yet and there were not many of us. I feel proud for being among the pioneers as I got to be involved in CIDB Malaysia since the beginning. I had the opportunity to assist my former boss, who was one of the first general managers, in handling road shows. At that time, not many people knew about us and we were responsible for creating awareness of CIDB Malaysia's existence and its functions.

Is there anything you wish to say to your colleagues on occasion of CIDB Malaysia's 25th anniversary?

Always be passionate with your work and grab this opportunity to explore. Let's work together to improve the construction industry in Malaysia!

Please tell us about your experience with CIDB Malaysia.

I was originally from the Public Works Department and joined CIDB Malaysia in 1995 as a typist, for the registration department. My first boss was Puan Zuraidah. In the early days, we had to pull together to get things done. Especially the registration of contractors, there were so many and we had to work through the weekends to get it done. In the early days, we had to multitask, there was a lot to do. My boss had to sign each letter one by one! Nowadays, this is all automated.

Is there anything you wish to say to your colleagues on occasion of CIDB Malaysia's 25th anniversary?

Discipline is important. People right now are too '*manja*' ... they aren't independent. They think it's easy to do work, and there is no drive for excellence or ambition. We were very passionate about our job in the early days; now it's different. Nowadays it's like 'this is my task, we do this only'. It's not easy to do someone else's work, but it has to be done. Work is constant, as there's always something to do and people keep coming in with things.

I believe CIDB Malaysia will be more prosperous. I would like to thank CIDB Malaysia as this company has given me the chance to be involved in a variety of organisations such as Puspanita, although I'm not as active these days. '*Bekerja itu satu ibadah. CIDB Malaysia maju, kita pun peroleh rezeki.*'



Former Administrative Assistant,
Finance & Accounts Division

FUZIAH MOHD SAAT



Former Senior Assistant Manager,
Facilities Department

SUHAIMI ARIFIN

Please tell us about your experience with CIDB Malaysia.

On my first month, I struggled as CIDB Malaysia was at the start-up stage. We did not have office, equipment such as PC, typewriter, stationary. We have to borrow these from our friends in JKR at that time to do our work. Then, we moved to PWTC at the 19th floor and started to buy equipment. We still struggled as we have to use our own transportation to do business. After 6 months, things got better and CIDB Malaysia started to recruit more staff. Back then, I was in charge of construction personnel, responsible in managing training and application of green card. In terms of my work, the challenges came when I was in charge with registration, construction personnel, green card and training. When we first set up green card course for construction workers, it was challenging because we do not know anything. I was also involved with the setting up of ABM, including looking for venues and trainers.

Any fond memories of your time in CIDB Malaysia?

I was actually from the Ministry. After five years of service, I wanted to move back to KKR as I wanted to further my studies. But, CIDB Malaysia did not want to let me go and promoted me from Assistant Manager to Senior Assistant Manager, and I feel appreciated. CIDB Malaysia has taught me so many things. I became more confident to face the public as I was an introvert when I first join in. My former boss, Tuan Haji Saha guided me to become a trainer in ABM. CIDB Malaysia has also taught me to be an imam, as when I was transferred to ABM Johor, they have just built a surau and they put me in charge. This gave me the opportunity to become an imam, which I still am today. I'm thankful with CIDB Malaysia for turning me into the person I am today. Staying at CIDB Malaysia is the best decision I ever made.

Is there anything you wish to say to your colleagues on occasion of CIDB Malaysia's 25th anniversary?

My advice, especially to the new staff: work hard and be disciplined. Secondly, change your mind-set by cultivating a spirit of love towards CIDB Malaysia and work together as a team to elevate CIDB Malaysia further. Always be grateful to work in this organisation and do not take things for granted.

As for the management side, my advice is to always be clear with the direction and be the backbone of the staff and organisation.

Please tell us about your experience with CIDB Malaysia.

I definitely enjoy my time working in CIDB Malaysia and feel fully satisfied as my welfare is well taken care of. I didn't expect to be promoted in my 20 years of service, from junior clerk to my current position of Administrative Assistance. This I may not have gotten from other organisations.

How has CIDB Malaysia contributed to the industry/country?

ABM offers training to contractors, producing more skilled workers with improved productivity and quality in the construction industry. Event such as ICW give industry players an opportunity to create awareness, especially among the youth, about job options available in the industry.



Former Administrative Assistant

SATHASIVAN A/L MANIM

Please tell us about your experience with CIDB Malaysia.

CIDB Malaysia has played its role very well in bringing up the construction industry in Malaysia. For instance, CIDB Malaysia has its own training arm, ABM, that provides training for construction workers which initially was not available in Malaysia. The welfare of the staff is well taken care of, too.

What do you see as CIDB Malaysia's greatest achievements?

Before CIDB Malaysia existed, the construction industry did not have any organisation to refer to, like in the case of the Highland Towers collapse that occurred on 11 Dec 1993. After the establishment of CIDB Malaysia, the construction industry has improved and industry players have a one-stop centre to refer to matters pertaining to the industry.



Former Senior Administrative
Assistant

BAHARUDDIN ITAM KARIB



Our heartfelt thanks to everybody who has directly or indirectly contributed to the production of this book.

As they say,

"Nothing Worth Doing is Easy"

and this book would not have been produced without all of your contributions.

