

the Lighthouse

Events | Benevolence | Industry News

Spring 2019

Beautiful POWER

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Lighthouse Club International

Australia | Cambodia | China | Hong Kong | Macau | Malaysia |
Myanmar | Philippines | Singapore | Thailand | UK / Ireland | Vietnam



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EC 360°

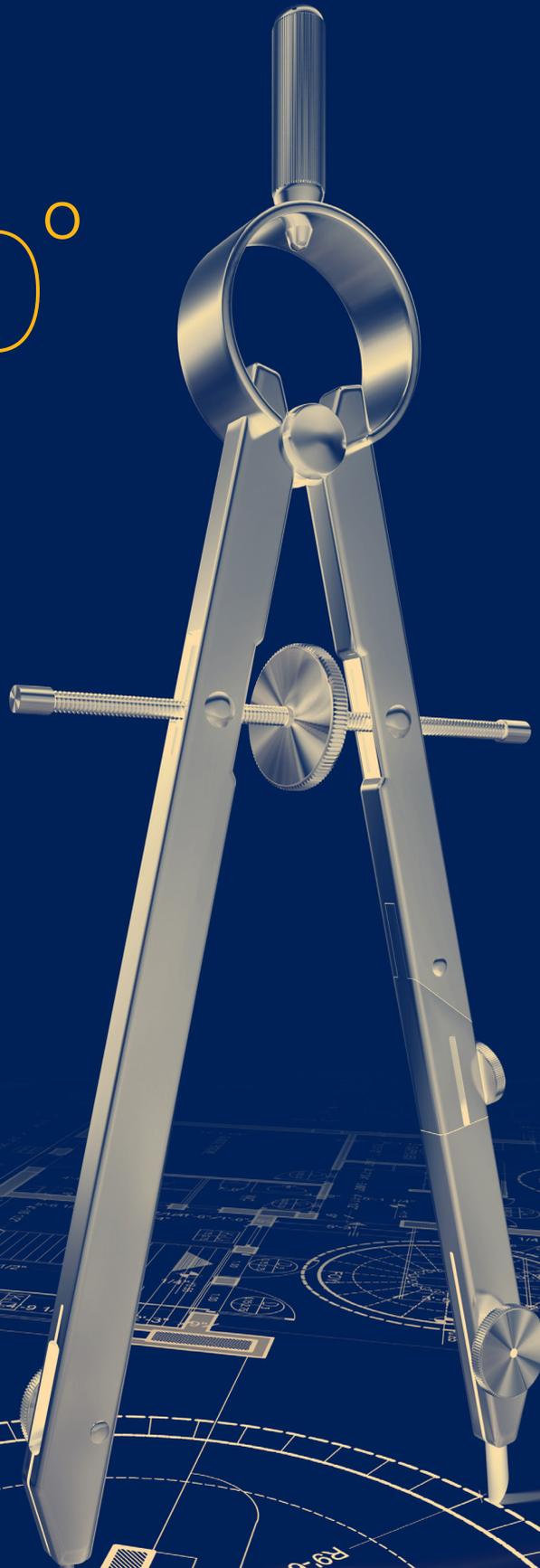
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Safe by design

Arup adopts a 'safe by design' approach throughout the design and construction process to deliver better, smarter solutions that have improved buildability, operation and maintenance safety.

Image Harbour Area Treatment Scheme (HATS), Hong Kong



Chairman's Message

Unbelievably, for me at least, this is my last message before I hand over the reins to the next Chairman at the Lighthouse Club International (LHCI) AGM on 1 June. These past two years have simply flown but, as some of us will know, this tends to happen at a certain stage of life!

Regrettably, LHCI has not grown quite as substantially as I, and indeed others on the Committee, envisaged over the past 24 months but this is in no way disheartening. The message is obviously not "out there" as much as we would like and people are busy with their own branches and their own jobs that it is not always possible to do everything. The Lighthouse Club is a voluntary organisation, as we all are well aware, but we are working towards growing a dedicated team, very much as the UK has, in order to expedite things more effectively.

Happily, we now have a new Lighthouse Club International website which went live in April. It is still a Work In Progress so bear with us while we sort out the bank account – we had thought it would be a simple case of changing the account name but banks are banks... In any case, we are pleased with the website and hope that you all will be too. Links to the branches' own websites (those who have them) are included and the calendar will show all the events taking place at all locations where there is a Lighthouse Club.

Other significant achievements to report are the success of the Yangon branch who, sadly, none of the LHCI committee has visited yet. They are steaming ahead with regular get-togethers which are well-attended and have now embarked upon their first charitable donations to assist young people in the construction industry in Myanmar. We promise to visit, LHC Yangon, but it may not be until 2020.

We are also delighted that Bangkok members are part of the Lighthouse Club International family now and we are happily supporting their construction site schools which are so important for the children of the site workers. Nothing beats education and we're very pleased to be making a change to young lives.

Much is still to be done but I am satisfied that it will be. I hand over to a Hong Kong stalwart, Glenn Haley. I look forward to the growth and strengthening of this wonderful Club and look forward to welcoming you to my home Club in Kuala Lumpur should you be visiting.

Rod Noble
Chairman
Lighthouse Club
International



About The Lighthouse Club

The Lighthouse is the magazine of Lighthouse Club International, originally established in 1998 as Lighthouse Club Asia Pacific Region and superseded in November 2017 by Lighthouse Club International. With its roots in England in 1956, the Hong Kong Branch was formed in 1986.

The aims of the Lighthouse Club are to promote good fellowship amongst its members who work in or are associated with the construction industry and to provide charitable assistance to those in need within the construction industry and to their dependents in qualifying cases.

In addition to the charitable works of the individual branches of the Lighthouse Club, Lighthouse Club International has two related Hong Kong based charities which provide charitable assistance worldwide: The James Battersby Lighthouse Club Educational Trust which provides assistance for education and training to qualifying young persons; The Lighthouse Club Asia Pacific Region Benevolent Trust which provides assistance to relieving poverty and financial need to persons currently or previously employed in the building and civil engineering industries and allied trades.

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Nick Longley – Hong Kong & Australia

Steve Tennant – Hong Kong

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The Lighthouse Club International

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April to June 2019



THE LIGHTHOUSE Spring 2019

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SIGNATURE EVENTS

coming up this year in the
Greater Bay Area



Three Day Event Hong Kong & Macau

30 May 2019

Lighthouse Club International
One-Day Construction Conference

31 May 2019

Macau Branch Annual Dinner
Venue – travel to Macau across the
newly-opened Hong Kong-Zuhai-Macau
Bridge, stay the night or return by ferry
to Hong Kong

1 June 2019

Hong Kong Branch Charity Ball, Hong Kong
Convention & Exhibition Centre

September 2019

Hong Kong Branch
Contractors Dinner

November 2019

Hong Kong Branch Eddie Ward
Annual Dinner



PRE-CHRISTMAS Family Outing



The Lighthouse Club Hong Kong Benevolent Fund Committee (LHC) organised a family outing for our assisted families and children on 1 December 2018. The families supported by LHC are either from underprivileged backgrounds or families who have been adversely affected by serious construction accidents involving their loved ones who is often the principal breadwinner

This fun family day was sponsored by Gammon Construction with support from MTRC. Volunteers from these organisations accompanied 12 families to 448 Farm, an organic farm in Yuen Long where families can spend a day in a healthy natural environment surrounded by plants and flowers and lots of cute animals. For many of the children, coming from a built up environment this was the first time that they had ever come face to face with tortoises and turtles, rabbits and guinea pigs, goats and even the colourful and playful parrots.

As well as caring for animals, the organic farm which is over 9,000 square meters, offers the chance for families the opportunity to get their hands in the soil with various planting activities and even flower arranging as one of the many kid friendly activities. 448 Farm focuses on education which gave the families the opportunity to learn more about different flower species that grow there as well as how to plant them, plus the chance to try some of the seasonal produce that grows on site. The farm is completely natural and chemical free so as a bonus visitors get to learn about how to have a healthy diet.





In the afternoon the families went to a local hotel for a delicious pre-Christmas lunch where the children were given holiday gifts including cakes and candies. The volunteers also joined the family groups for a cooking class where they made hamburgers, much to the delight of the children.

For families wanting to unwind from the pressures of city living, 448 Farm offers lots of activities to keep the kids busy, such as sandpits and an indoor wooden play area, mini Go-Karts, a picnic area, barbeque and more.



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A lust for power: the amazingly pleasant-looking power station

As important as our public utilities are, as an architectural genre they are seldom considered “beautiful” – with the exception of this Finnish powerhouse





With an important role in delivering energy to Helsinki, the Länsisalmi Power Station also has a significant problem with its location at the intersection of two arterial roads. Parviainen Architects created a design for the prominently located infrastructure that was more lighthouse than typical powerhouse, and that turned an eyesore into an icon.

The concept takes its inspiration from electricity and its visual manifestation: light. Parviainen Architects juxtaposed the energy flowing through the power station with the flow of traffic to create visual attraction. While the orientation of the building volumes and their configurations are strictly functional, their expression is pure creativity, and the execution was good enough to win the World Architecture Award winner in the production, energy and recycling category last year.

Text: Michael Hoare Images: World Architecture Festival



Switched-on design

The architects have transformed what was a greyish and nondescript transformer building into a gleaming lantern, and the transmission lines are celebrated, mounted high on a 47-metre-high classic arch.

The substation buildings are rectangles of glass superimposed on concrete. The most prominent of the external surfaces are clad in a facade of glass fibres made from insulating plates used in electricity distribution. The facades are illuminated by LED lighting in the evening, turning the buildings into lanterns up to three-storeys high and revealing electricity as a visible phenomenon.

The arch is made from Cor-Ten steel tubes with a 800-mm diameter. Cor-Ten is maintenance-free and finds multiple uses in construction – another celebration of the industrial nature of the work. Architect Bratislav Toskovic told *Wired* magazine the colour of the arch blended with the environment at any time of the year. “They are [almost] 50 metres high. If one had to repaint them, it would be a big job,” he said.

Rare reviews

Beneath the architectural camouflage on the plant’s exterior, the project saw the doubling of the substation’s transmission capacity. Built in 1994 to meet growing need for power in and around the Finnish capital, the site now houses two 400 kV transformers to supply a grid drawn on by about 800,000 people in the Helsinki metropolitan area.

At the World Architecture Festival, the judges commended the “consideration exhibited in the composition [that] extended through



the architect’s choice of materials and details, which is rare in this building typology”.

The mayor of Vantaa is perhaps the biggest fan of the work. “Länssalmi substation is an example of how essential technical functions can be implemented with high-quality architecture,” says Ritva Viljanen. “The end result is a delight to residents in the area and people who are passing by. Länssalmi substation is a wonderful landmark for Vantaa.”

In its low-key welcome to Barcelona, Helix makes a powerful statement

A new cruise terminal in the busy Spanish port celebrates the beauty of the Catalan capital and its industrial might







In the year since entering service, the Helix Cruise Terminal in Barcelona has adopted a comfortable posture in the seafront milieu of one of the world's great ports. The 12,500-squaremetre passenger terminal development from Spain's Batlle i Roig Arquitectura is one of the first pieces of the built environment visitors notice upon arrival to the Catalan capital.

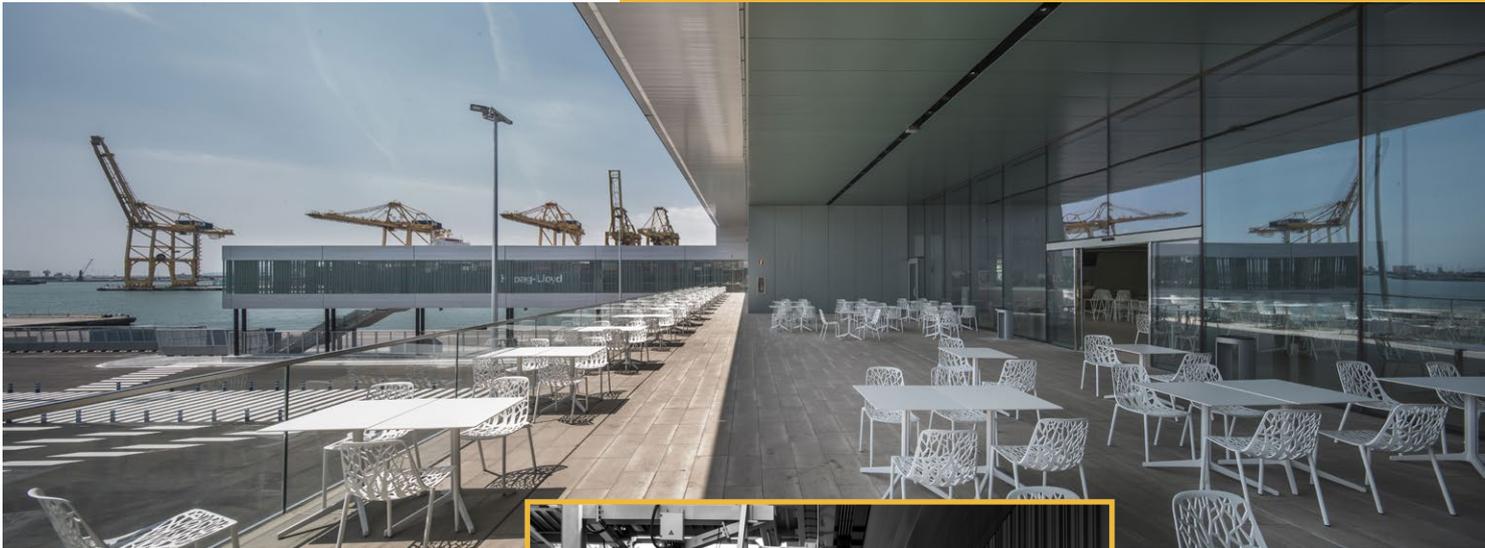
The design is more brutal than showy in its design, combining the language of a working port in a substantial building that had to complement the views to the city and mountains beyond. As much as the Euro 46-million Helix, otherwise known as Terminal E, has a subdued exterior, its interior extends the building's functionality over form. Broad, open interiors are bathed in natural light due to a system of roof-line skylights and glass openings that frame the views of the city.

Engineered to welcome

The Helix terminal for the Carnival Corporation's brand of cruise liners is constructed from precast concrete. The roof is completed with a structural system of trusses that craft a column-free space. The resulting effect is an ordered and regular appearance, with spaces designed for easy access and ease of movement.

A high level of sustainability is built into the terminal, with ventilated facades improving the thermic features of the building





and the roof coated to reflect heat. The eastern and western approaches permit light but their big cantilevers protect the surrounding terraces.

Also making its debut shortly will be the port's first public parking facility, providing guests embarking on cruises with access to nearly 300 parking spaces. In addition, the Helix terminal will accommodate Carnival Corporation's new class of next-generation green cruise ships that will be fully operated by liquefied natural gas, a cleaner burning fuel.

The interior finishes are clean and simple, creating a relaxed environment that is full of light. Soft, neutral colours are used to allow passengers the comfort to observe the city from a quiet and protected place.

The interiors are completed with a series of furniture for waiting rooms that adapts to the quotidian scale through miscellaneous configurations. The designer's use of warm materials, such as wood, moves away from the typically cold and impersonal design of transit spaces.

A kinder commitment

The Helix cruise terminal, located on the port's Adossat wharf, is a tribute to local expertise, talent and vision.

"Barcelona needs operators strongly committed to its visitors, but also to the city," said Agustí Colom, councilor of tourism, commerce and markets for the Barcelona City Council. "We need operators with whom we can work side by side to improve the sustainability and the social return that tourist activity generates in the city."

The inherent sustainability of the building and commitment of its operator aside, the building process and the supervision of the building works were developed with BIM methodology, showing how, little by little, new technologies are incorporated in the construction industry.

Lighthouse Club Hong Kong Health & Safety Awards 2019

On 15 March the awards were held at the Garden Lounge of the Hong Kong Club and nearly 200 attendees gave testimony that the event remains as attractive as ever with record entries being received for the categories in the Design for Safety awards.

The Health & Safety awards was also popular with record entries and so the category was divided to include product and also service providers.

“The Garden Lounge was full and a great evening was had networking, meeting old friends and celebrating the winners”, stated Tony Small, the safety sub-committee chair.

GOLDEN HELMET

The Golden Helmet this year was awarded to Kwong Chiu Ling, Victor who is an icon within the Hong Kong Safety Industry with more than 20 years’ experience driving safety in Hong Kong and in Town Gas as the General Manager - Health, Safety, Environment and Security.

Mr Kwong is a past President of the Hong Kong Occupational Safety and Health Association from 2008 to 2011 and promoted the exchange of knowledge and experience amongst the occupational safety and health (OSH) associations. In 2011 the Hong Kong Federation of Occupational Safety & Health Associations was created and Victor has held the position of President and is doing an excellent work in facilitating collaborations among the eight key safety associations including the Labour Department, Fire Services Department, Housing Authority, OSHC and CIC, amongst others.





Golden Helmet Winner, Victor Kwong, President of the HK Federation of Occupational Safety & Health, Ada Fung, President Lighthouse Club Hong Kong



Airport Authority Hong Kong
Derek Smyth Safety Leadership Gold Award, Client & Consultant



Stephen Kong,
Highly Commended Approach to Safety Leadership



Ir Terence TM LAM, JP, Assistant Director (Technical)
Civil Engineering and Development Department, Highly Commended Approach to Safety Leadership









When asked about being awarded the Golden Helmet and the Lighthouse Club, this is what Mr Kwong had to say,

“It is the first time I joined the Lighthouse Club Cocktail Reception. I was deeply impressed by the environment and all who came to promote safety in the construction industry. It is a really great opportunity for us working in the industry to share safety experiences in an informal manner. I shared with a lot of old and new friends and even overseas counterparts. To be honest, I was very surprised to receive this honourable safety award from the Lighthouse Club, I had never thought about it before.”

“As the President of the Federation of Hong Kong OSH Associations, my award speaks for all safety practitioners who, in the past, shared with me valuable views and suggestions from the frontline safety practitioners’ standpoints. Without them, I would be unable to reflect their views to the relevant government authorities or stakeholders.”

“I remember the safety slogan, ‘One death is too many’. As a safety practitioner, we should voice out safety suggestions for the further improvement of Hong Kong’s safety performance. Some of my suggestions have been implemented, such as establishing the safety experience training centre. This approach of safety training lets trainees experience safety hazards in a controlled and safe environment. They have been adopted in Korea, Japan and Taiwan for more than 8 years already and is a much better format than a classroom and theoretical training to workers to enhance their safety awareness. I am glad that the Construction Industry Council has established this in recent months.”

“Safety is a long, hard and winding journey.”

Iain Mowatt and Stephen Kong both received Highly Commended Awards. Iain for his work on falsework safety and creation of the Hong Kong Temporary Works forum, and Stephen for his perseverance in quietly driving safety innovation and improvement with government departments.

The Derek Smyth Safety Leadership award (Client and Consultant) once again went to the Third Runway Division at the Airport Authority Hong Kong who demonstrated in its submission detailed plans to protect the health and safety of its workers.





Jardine Lloyd Thompson Limited
Safety Supplier
Gold Award, Service

The newly created Supplier Service Gold Award went to JLT for their worker injury risk management programme, and AIG received a highly commended Award for their client Risk Solutions team for data analytics and holistic risk management solutions.

Hilti were again the Gold Winner in the supplier product category for their MQ hanger system, dustless solutions and training.

The generosity of the Hilti team was shown when, as a closing gesture at the end of the evening, Cordia Yu and Robert Gordon, Chair and Deputy Chair of the Lighthouse Club Hong Kong Branch, were presented with a cheque for HK\$30,000.00. The Hilti team competed in an Ironman endurance competition in Bangkok last November and graciously donated the funds they raised to the Lighthouse Club Hong Kong Benevolent Fund.

Special thanks must go to the Lighthouse Club Hong Kong Branch President, Ada Fung, for attending and presenting the awards to the worthy winners.

We look forward to seeing our members, guests and all those who participated in this event next year.



AIG
Highly Commended Safety Supplier Award



Photography by
Walter Ding





Safety Leadership & Golden Helmet Winners

Golden Helmet Winner
Victor Kwong, President of the HK Federation of Occupational Safety & Health

Highly Commended Approach to Safety Leadership
Stephen Kong, Iain Mowatt

Derek Smyth Safety Leadership Awards
 Client & Consultant, Gold
Airport Authority Hong Kong

Highly Commended Approach to Safety Leadership
Civil Engineering and Development Department

Safety Supplier Award - Product, Gold
Hilti (Hong Kong) Ltd.

Highly Commended Safety Supplier Award
PERI (Hong Kong) Limited
Liebherr (HKG) Ltd.
Sanroc Leasing (Plant & Machinery) Ltd.

Safety Supplier Award - Service
Jardine Lloyd Thompson Ltd.

Highly Commended Safety Supplier Award
AIG

Commended Safety Supplier Award
SnagR Ltd.



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The Lighthouse Club's 4th International Design for Safety Awards



On 15 March 2019, the Lighthouse Club hosted the very well-attended awards ceremony for the 4th year of the International Design for Safety Competition at the Hong Kong Club. The awards have been raising awareness of the role of the designer in safety whilst at the same time highlighting those exemplary designers that have truly taken to heart the need to ensure the health, safety and welfare of all those that are on the receiving end of the designs of assets for construction, operation, maintenance, modification and ultimately removal or demolition.

This year's competition saw a record number of entries, with 19 teams shortlisted. This also means that the quality of the entries has been increasing and reflects changes in large sections of the construction industry.

The Lighthouse Club extends a big thank you to all those who entered the competition. Also, to the judging panel:

- Robert Gordon, Arcadis & Deputy Chairman for Lighthouse Club HK
- Iain Mowatt, CEEK and Chairman of the Temporary Works Forum
- Mark Gibbons, VSL-Intrafor
- Michael Cheung, Dragages - from last year's winning team
- Arcadis for sponsoring the gold award.



The high quality and number of entries this year made it especially difficult for the judges to determine those that stood above the others and there were some healthy discussions amongst the judging panel! It was very close between the gold, silver and bronze awards with fractions of a point separating them.

Wide stakeholder engagement and collaboration was a common theme in the winning entries. After the awards and in the true spirit of fellowship in the Lighthouse Club the winners stayed on the mingle with the guests and share insights into their entries for the benefit of our construction industry.

The awards were presented by our distinguished guest, Ada Fung, President of the Lighthouse Club HK. The full listing of the awards are below along with the key citations from the judges.

GOLD AWARD (HK\$30,000) - The Global Switch Building 3, 4 & 5 Weldless Plant Room, High and Low Level Module, Riser Module.

Led by LAU Kwok Cheong, with TSE Wing Fung Victor, MA Wai Kin Mark, LEE Chak Yiu Chris and LAU Chi Hong Keith, all from Gammon Engineering & Construction Co. Ltd

The judges were most impressed by this exemplar of design for safety, from the initial design stage, to construction, to handover for future operations and maintenance. Applied in a Design & Build project, DfMA was employed for the E&M installations, eliminating multiple safety risks on site with large pre-assembled elements brought to site. 3D printing of the E&M installations was also used to enhance worker understanding of the elements to be installed on site. There was no on-site welding, no on-site cutting, except in the off-site fabrication and assembly areas and the 'flying factory'. This approach reduced on-site labour and eliminated risks associated with working at height, cutting and hot works. Connections were changed to press-fit and other clamping devices. Cable trays were pre-assembled and mounted on cast-in channels to eliminate drill and fix activities. Modified plant was used for installation of the E&M duct routes, mitigating work at height. A BIM model to LOD500 was handed over to the client upon completion for future operations and maintenance needs.



SILVER AWARD (HK\$20,000) - Terminal 2 Expansion at Hong Kong International Airport, Terminal 2 Building

Led by Paul Sankey, with Martin Fowler, Jon Leach, Godfrey Wong of AECOM Asia Company Limited and Max Connop and Albert Tong of Aedas.

The judges found that this was one of the best examples of designing in safe access for maintenance activities. The design included re-routing of people away from the construction area. The roof design consisted of modular steel and precast concrete sections, assembled together as a single unit. A mock-up of a typical roof module has been provided for contractors to review and comment on before the building construction is tendered. There has been wide stakeholder engagement to ensure a safe, buildable, maintainable design, including liaison with the future maintenance team. The attention to detail includes dedicated internal and external walkways that can be used to access all roof elements and installed services, which are all within easy reach, for cleaning and maintenance without the need for specialist access and PPE. In the sloping parts of the roof, stairs are incorporated for safe and easy access. The roof units are designed for assembly at ground level before being strand jacked into their final vertical position. A BIM model has been developed and will be handed over to the winning contractor for construction. Light fittings use LED lighting, which has a long life to first maintenance, and even when that maintenance is required, the light fittings are accessible from the permanent walkways.

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BRONZE AWARD (HK\$15,000) - Contract no. 15/WSD/10 - Expansion of Tai Po Water Treatment Works & Ancillary Raw Water & Fresh Water Transfer Facilities - Design and Build of New Stream II - ELS Design for Dissolved Air Flotation II Building (DAF II)

Led by Steven Ng, with Henry Poon and Konroy Law of Aurecon HK Ltd.

The judges keenly noted the thoroughly detailed and systematic approach with collaboration at each stage. The ELS was designed for minimal confined spaces working, making use of floor slabs as permanent props enabling safe removal of ELS struts without working at height. Prefabricated steel struts with bolted connections reduced the welding requirements. Bored piles were used as supports for the king posts, reducing king post lengths and site operations. A 3D groundwater and ground model was produced to check for and reduce the potential for damage to the existing buildings. Struts were formed from circular hollow sections, reducing the need for king posts and increasing the clear working area. Lifting arrangements were discussed with subcontractors. There was also clear evidence of good use of the risk register and residual risks were well-considered.

WELL DONE TO ALL THE WINNERS.

There were a number of Highly Commended and Commended awards too but, sadly, not enough space in this edition to include them all.

Design for Safety Awards Winners



GOLD AWARD

E&M Modular Global Switch
Gammon Engineering & Construction Co. Ltd.

SILVER AWARD

T2 HKIA
AECOM Asia Company Ltd.

BRONZE AWARD

Tai PO STW ELS
Aurecon HK Ltd.

HIGHLY COMMENDED

ELS Lyric
Gammon Construction Ltd.

Tai Po STW
Water Supplies Dept & Black & Veatch HK Ltd.

TMCLK tunnel precast overhead duct slab installation
VSL Hong Kong Ltd.

M+ mega trusses
Gammon Construction Ltd.

HATS 2A STW
Ove Arup & Partners Co. Ltd.

Roby 850 tunnel
Dragages HK Ltd &
Bougyues Construction

Clutch pipe pile at Lyric
Gammon Construction Ltd.

COMMENDED

CWB Floated in box
Tony Gee & Partners (Asia) Ltd.

Aurecon - TKO I/C Precast pilecap shell
CW-STEC-CMGC JV & Aurecon HK Ltd.

Trunk Road T2
China Road and Bridge Corporation

Lift replacements
ThyssenKrupp Elevator (HK) Limited

Midfield Roof at HKIA
Craft Façade Tech (HK) Ltd.

Tripper Safety Device
Chun Wo Construction & Engineering Co. Ltd.

Hennessy Road Building tmp wks inverted pyramid
CR Construction Co Ltd.

**SPECIAL AWARD - Innovation in Construction Plant to
Save Lives Tripper Safety Device
Chun Wo Construction & Engineering Co. Ltd.**

**SPECIAL AWARD - Safety in Procurement
Special vacuum truck for drain cleaning
Shui On Building Contractors Ltd**



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Yangon Lighthouse Club News



As the cool and dry weather returned to Yangon, we held our November networking event outdoors at the Mecure Kabar Aye Hotel. The sponsor for the evening was Schneider Electric. Everyone enjoyed outdoors chatting by the pool. For those with hydrophobia the adjoining bar was also well occupied.

The year end's Late Lunch held in December was again very successful with over 90 people turning up to enjoy the Christmas cheer. We also announced our partnership with CVT (Centre of Vocational Training) here in Yangon to provide 4 scholarships to under privileged young people. They will have the opportunity to study a construction related trade such as carpentry & joinery, metalwork & welding and electrical. We are also canvassing local companies to offer these young people apprenticeships.

The first function for 2019 was held on Wednesday 30 January and was very well attended. The sponsor for the evening was Hafele. Everyone enjoyed the evening catching up after the Christmas break.



Our second quarter schedule is as follows –

Wednesday 29 May – venue TBA

Wednesday 26 June – venue TBA

There will be no event in April due to the long holiday break for New Year being celebrated in Myanmar.





2018 Annual D&D

Lighthouse Club Singapore Branch enjoyed one of the highlights of the social calendar before Christmas as they hosted their annual gala dinner and dance on 13 December, held at Singapore's Intercontinental Hotel, Bugis in the heart of the city.

Attended by over 120 LHC members and supporters, the Christmas-themed night began with a sparkly glass of Prosecco or a cocktail or two from the ever popular gin bar. Guests were also able to put in early bids for items in a sponsored silent auction, and pose for a festive photo at the themed photo booth.

Dinner started with a set from fantastic live band, Highnotes, who entertained guests throughout the evening with a variety of toe-tapping tunes. Making the rounds of tables was also the youngest attendee of the night who, at the age of 12, impressed everyone with his magic skills, raising from his audience a tidy sum for Lighthouse Club at the same time.

Mr Rod Noble, Chairman of LHC International, introduced the evening and welcomed guests to the glittering event. Attendees also heard from





Lighthouse Club Singapore Welfare Officer Sean Hardy who underlined the importance of the Club's work by talking about some of its many beneficiaries of the last year, proving again that LHC really does make a difference to those in need within the industry. The evening's guest speaker was Mr Charly Lupart, Vice President South East Asia at Schneider Electric who spoke about the importance of welfare throughout the supply chain and reinforced shared values with the Lighthouse Club's objectives.

Emcee'd by the fabulous Sid, the evening included a sumptuous three-course meal and free-flow drinks, some fantastic prizes kindly donated by the many event sponsors, a carpet rug auction, and the inevitable Christmas quiz which generated some healthy competition between tables.

There was also some active competition on the dance floor later in the evening as guests took to the floor to show off their festive dance moves to the band's final set, before DJ Mariya brought the house down with her selection of the best end-of-night tunes to close the evening with a bang.

It was a great night for all involved, reminding guests of the importance of the charity's invaluable work, whilst at the same time providing the social setting for a fantastic night of celebration, friendship and support.



Lighthouse Club Singapore would like to thank the following sponsors for helping to make the event such a success:

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BCA says construction demand could hit US\$23.6 billion

Singapore's Building and Construction Authority says the value of construction contracts awarded this year to reach as much as \$32 billion (US\$23.6 billion) after about S\$30.5 billion of contracts were awarded last year. The regulator says industry-wide demand will be sustained by demand in the public sector – valued at between S\$16.5 billion and S\$19.5 billion – boosted by developments at Jurong Lake District and Changi Airport Terminal 5.

The authority expects ongoing, steady improvement in construction demand over the next three years.

Changi's Jewel is unveiled, propelling airport to the next level

At more than 1.4 million square feet (130,000 square meters) and a cost thought to exceed S\$1.7 billion, Jewel Changi Airport is an audacious addition to Changi Airport's world-beating offering to airline passengers.

With the opening of the Jewel in April, the airport has gained a 10-storey addition housing more than 280 food and beverage and retail outlets, an airport hotel and a stunning water feature that pierces a steel-supported roof, creating a tremendous doughnut-shaped feature at the heart of the complex.

Yet to open are three iconic attractions – the Sky Nets, Canopy Mazes and Discovery Slides – that will take pride of place at what has been called the Canopy Park. The Sky Nets attraction combines a bouncing and walking net 25 metres above the ground floor. The mazes and slides will break new ground for indoor attractions.

Jewel will house one of the largest indoor collections of plants in Singapore, with about 22,000 square metres of space dedicated to landscaping. Jewel is owned by the Jewel Changi Airport Trust, with Changi Airport Devt Pte Ltd managing the property and CapitaLand controlling a smaller 49-percent share in the company. Work on the design by Safdie Architects, Benoy and RSP began in December 2014.



Leighton Asia wins N103 contract to build North-South tunnel

Leighton Asia has been selected by Singapore's Land Transport Authority to deliver a A\$540-million (US\$383.6-million) tunnel and associated infrastructure before 2026 on the North-South Corridor project.

The N103 design-and-construction contract works include 640 metres of twin, three-lane vehicular tunnels; the underpinning of an existing expressway flyover; a new facility building; and an entrance ramp and exit ramp. The North-South Corridor project will be Singapore's

first integrated transport corridor, helping relieve traffic congestion from the central business district and through the centre of the island.

Revenue to Leighton Asia, which is part of CIMIC Group construction company CPB Contractors, will be about A\$380 million, with the project being delivered in joint venture with a local contractor. "Leighton Asia's major project experience and diverse construction capabilities have positioned us well to capture this contract and further key infrastructure projects in Singapore's growing market," said Leighton Asia managing director Juan Santamaria.



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Renewable Macau

As Macau has grown in fame for its casinos and bright lights, so has its population density to become the worlds highest. Whilst Hong Kong (4th highest) and Singapore (3rd highest) recorded population densities of 6,732 and 7,804 per square kilometre of land respectively in 2018, Macau shoehorns in 20,164 into the same area! Only Monaco comes close in 2nd place with 18,960. Certainly, Macau’s tourism influx far outweighs Monaco’s with 35 million people visiting the Chinese special administrative region in 2018 compared with 11 million visitors (2013 figures) to the Cote d’Azur.

With these high population counts comes an intensive level of energy consumption, which has been a major cause of climate disruption and there has been an increased interest in both cities to facilitate a transition to sustainable energy sources. Two key areas for achieving a sustainably green city are energy efficiency in buildings and in the transportation system. In 2007 the Macau Environmental Protection Bureau launched the Macau Green Hotel Awards for properties to demonstrate their year on year

reduction in waste, electricity consumption and carbon emissions. In 2013 Macau Airport developed a food recycling strategy to channel food waste into organic fertiliser which is used to grow more plants at the airport.

Monaco has also set in place similar strategies in tourism and transport to improve environmental performance, but where they have gone further than Macau is in public transport with more eco-friendly



options in bike hire stations, solar powered bus boats and hybrid buses. Also their Monaco e-Rally has been hugely successful and increases the general population’s awareness of the importance of maintaining a green future.

Macau’s Lighthouse Club members have also maintained their renewed energy in 2019 to attend the monthly gatherings at the St. Regis Bar, Macau. November’s event was hosted by Tong Lei Engineering & Construction Ltd., December’s event by Lai Si Construction, January by Min Da Construction & Engineering Company Ltd. and February by Grand Flag Engineering Company Ltd.

Lighthouse Club membership at the end of 2018 stood at 198. By comparison the membership for 2017 was 165 and is an indication that the Lighthouse Club Macau is thriving.

The Lighthouse Club Macau AGM will be held on 23 March 2019 and will be followed by the monthly gathering. Members of the various Lighthouse Club committees for 2019/2020 will be elected at this meeting. Thanks to continued support of the members and the income from various functions held during the year, the Lighthouse Club Macau was able to provide support to the families who suffered as a result of five fatal construction accidents, one serious injury and one serious illness.



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KL Branch News

Our latest events were held in Jarrod and Rawlins (December), Havana (January), Healy Macs (February) and El Sid's (November and March) and were sponsored by Megalift and BK AsiaPacific. The LHC KL will continue to have the Get Togethers at different venues. All flyers will also be posted on our Facebook page: <https://www.facebook.com/LighthouseClubKL>

At our December 2018 Get Together we also held an EGM with the specific objective to propose a number of changes in our constitution. This has been followed up by a resolution and subsequently the amendments have been proposed to the Registrar of Societies. We are now in the midst of answering some questions and requests for clarifications.

LHC KL Get Togethers of 2019 will take place on the first Thursday of the month.

The upcoming Get Togethers will be organized on the following dates:

- 4 April 2019 at Jarrod and Rawlins, Jalan Bangkung
- 2 May 2019 at Magnificent Fish and Chips in Changkat Bukit Bintang, this will also be the targeted date for the AGM
- 6 June 2019 at Healy Mac's Publika

A Golf Day will be held on 15 June 2019, more information on this event will follow soon.



ANNUAL PARTY 2018

The Lighthouse Club Kuala Lumpur held its Annual Charity Party at the Asian International Arbitration Centre (AIAC) on Saturday 17 November 2018. We were privileged to have this beautiful venue sponsored by the AIAC. It was the perfect venue where guests could relax, let loose and have an enjoyable evening. We were delighted that this year we managed to have over 100 guests and over 20 sponsors for this event. The Club was honoured that the three LHC KL Sponsored Malaysian students joined the party and had the chance to meet people from the Construction Industry from different regions. The Annual Charity Party, as described in the name, is held on a yearly basis, the aim is not only to raise funds for the Club but to provide an enjoyable night for our members and their guests with a laid-back and informal atmosphere for which Kuala Lumpur is well known.



The evening was kickstarted with some light music by DJ Keven and a cocktail reception for guests to mingle with each other before the dinner. As the crowd settled in, Nigel Stanley, the President of the LHC KL gave a short welcome speech and formally opened the Party. Guests were invited to enjoy the buffet and free flow of drinks.



The highlight of the evening was the fundraising auction. We were honoured that Ms. Tan Swee Im, our favourite auctioneer, kindly extended her help again this year. The auction was a great success, with generosity from Dato Richard Curtis, YTL Group and Tan Swee Im. The raffle, which was held in conjunction with the auction, also raised a significant amount of money, assisted by our fellow sponsors. After a successful auction and raffle, the excitement continued, guests were invited to the dance floor to dance their hearts and alcohol away! The evening went off without a hitch, and it would not have been so successful if it were not for the generosity of the members.



We would like to thank the event sponsors (who are, of course superstars!) from Lendlease, Driver Trett, Eastlink Consulting, Plus Three Consultants, Tan

Swee Im, Siva & Partners, Proconsort, Techsol, MAC Consultants, Tony Gee and Partners, Charlton Martin Consultants, Greencon Resources and WCW Consultancy for their generous support. We would also like to extend our gratitude to our auction and raffles sponsors, Dato Richard Curtis, YTL Group & Tan Swee Im, Ana Arkinstall (LaZat Cooking), James Monteiro, Phyllis Phang, Driver Trett and Havana for their continuous support. We also thank the Asian International Arbitration Centre (AIAC) for providing us a beautiful venue for the evening.





Tracing a Construction Claim

An idea hatched in 2014, came home to KL in 2018 all grown up and full of glitter.

TAN SWEE IM:

In LHC KL's 20th year, I thought that we ought to hold a seminar that was a little out of the ordinary. We should trace a construction claim from inception to its bitter end, having been through the hands of the contractor to a claims consultant, solicitor, barrister, adjudicator, mediator, arbitrator and judge. It seemed a great idea, but it was somewhat a diamond in the rough. This diamond went on tour to Sydney, Melbourne, Perth and Hong Kong, coming home to its birthplace of Kuala Lumpur.

And what a homecoming it was, played by a "Who's Who" of construction disputes cast to a full house in the Asian International Arbitration Centre auditorium. With nearly 200 attendees, this seminar is the largest ever seminar held by LHC KL. This tells us that the content is all important and that we have to keep abreast of what the industry wants.

The idea was simple – let the audience experience first-hand the entire life cycle of a construction claim. Almost everyone in the business of construction disputes never sees a claim in all the stages of its life cycle. This lack of visibility promotes suspicion of the process and the efficacy of the person handling any one stage of the process. However, this is not so much about the seminar itself – you can attend its next outing to see that for yourself!

The focus here instead is what enthusiasm and energy can do for the Lighthouse Club. In this seminar we harnessed the energy of experience, wisdom and humour to educate a lot of people about the trials and tribulations of construction claims. And we also managed to share the good news of the Lighthouse Club and its noble objectives, gaining new members and new friends in the process. To use a hackneyed phrase, it was a win – win!

The camaraderie and team spirit was very much enthused by the help of our young volunteers. Wei Qian Ooi, my pupil in chambers, was one of the young ones, and here is her take on the event:

WEI QIAN OOI:

I was glad that I was given the opportunity to offer my help for the event. Before the event started, I was there to discuss the event registration process with other volunteers to ensure that the event registration process was painless, fast and seamless. We were given the information of how many people were attending, how many of them had paid for the event, how many pending payments needed to be collected, etc. As sufficient information was given, I had a clear expectation that it would be busy for all of us during the event



registration process since there were almost 200 participants joining the event. We then decided to split the name lists into half to avoid the participants having to wait in a long queue. As a result, the whole event registration process ran smoothly. During the event registration process, I was able to meet the people that were interested about the talk to be given, from different companies or firms. It was amazing to see so many people turning up for the talk during working hours.

The seminar was given in a very different way and I would describe how the seminar was carried out briefly. It started from the occurrence of a claim brought by a sub-contractor, explaining the



situation he currently encountered. A consultant then engaged and analysed the claims brought by the sub-contractor. The sub-contractor obtained several legal advices from a lawyer instructed. Subsequently, AIAC's service was sought and a case counsel from AIAC gave her opinion on the claim and explained the stages of Alternative Dispute Resolution (ADR) that would be experienced by the sub-contractor.

Then, the claim escalated to Arbitration and a referral to Adjudication was commenced seeking payment of additional costs. The Adjudicator, after fully analysing the case, gave her decision with the reasons explaining how the decision was made. The sub-contractor also made his attempts at mediation, trying to resolve the claim in another way rather than ADR. The sub-contractor then proceeded to seek an Arbitration award. The Arbitrator who was appointed by the AIAC, again analysed the case and made his decision according to his analysis with clear reasoning given.

The seminar came to an end when the matter went before the Court for review on points of law and conduct of the proceedings. The judge, after analysing the case critically, decided to dismiss the appeal. It was really interesting to see the judge making her decision by considering every aspect of the case, including the adjudication decision, attempt to mediation, and also the arbitration award.

Throughout the two-hour seminar, various facets of a claim were observed. Being a "newbie" in this area, I can now fully understand the issues, hurdles and costs that might be faced by a claimant when seeking justice. It was an excellent opportunity for those involved in construction disputes to gain an insight into every aspect of the journey from the inception of a claim through to finality.

I think it is a rare chance for one to have the opportunity to see the same claim through the eyes of a contractor, lawyer, claims consultant, AIAC, adjudicator, mediator, arbitrator and judge. For young and inexperienced persons like me, I would definitely like to join more seminars like this in order to understand more about the construction industry.

I hope that in the future similar seminars are conducted, and the participants are restricted to young people (for example, those that have less than 3 years experience in the construction industry). In that way, a comfortable environment could be created for the young participants and they will feel less intimidated to ask questions.

CABE Malaysia Annual Conference 2019 in conjunction with Lighthouse Club



CABE Malaysia Annual Conference addresses shared global challenges.

The conference was delivered by the Chartered Association of Building Engineers (CABE) in conjunction with the Lighthouse Club Kuala Lumpur and supported by the Malaysian CIDB (Construction Industry Development Board) and the AIAC (Asian International Arbitration Centre).

This is the 2nd CABE Malaysia Annual Conference in conjunction with Lighthouse Club Kuala Lumpur and was held on the 18 January 2019 at AIAC Bangunan Sulaiman. This year there was a slight increase in corporate sponsors and they are 39 Essex Chambers, Plus Three Consultants, Eastli Consulting, Mac Consulting, Kinsabina Group and Pro Consort Chartered Building Surveyors. Last year the conference was a successful event for both CABE Malaysia Chapter and Lighthouse Club Kuala Lumpur having donated part of the surplus to Lighthouse Club Charity. This year, the Organising Committee plans to similar donations to Lighthouse Club Kuala Lumpur Charity.

This year's Conference theme, "Pathways to Excellence", was organised to promote

**CABE MALAYSIA
ANNUAL CONFERENCE
2019 in conjunction with
the Lighthouse Club Kuala
Lumpur and supported
by CIDB & AIAC held on
18 January 2019 at Asian
International Arbitration
Centre.**





A number of issues facing the construction industry have been debated at this conference in Malaysia, illustrating the fact that many issues are not restricted by geography, but indeed are shared global issues. Other topics and issues covered included the value of sustainable building using standards such as MyCREST & BREEAM; how the new AIAC Standards Forms of Contract will impact the industry; the Hackitt Report on Grenfell Tower and how the future directives of the UK legislative requirements will affect the construction industry worldwide. Working at height; durable and safe concrete structures, and post-tensioning and industrialised building systems (IBS) were also debated.

A series of panel debates allowed speakers and delegates to discuss the key issues raised. With accountability forming the theme for the opening address, it became clear that this risk, integrity and competence, and accountability thereof, are all consistent issues that affect multiple parts of the sector from fire engineering to working at height; delivering sustainable buildings to creation of contracts.

A networking Dinner was organised at the end of the Conference and was keenly participated by the delegates, LHC members, CABE members, speakers, sponsors, students, professionals and stakeholders in the construction industry.

This year the CABE engaged a public relations firm to cover and publicise internationally the Conference. Speakers, Sponsors and delegates were interviewed for their candid views of the speakers and their presentation topics. CABE has a diverse membership covering design, construction, evaluation and maintenance professionals. The organisation has eight international chapters – USA, New Zealand, Hong Kong, Singapore, China, Macau, Malaysia and Middle East. Now in its second year, the conference reflects the diversity of the CABE membership as well as issues facing the industry, both locally and internationally.

CABE and LHC KL will continue to organise a conference in 2020 again and David Taylor has expressed his wish to work closely with other Lighthouse Club branches in the near future as well.

Sr. Isacc Sunder Rajan, Chair, CABE Malaysia Chapter

the best practice in the Construction Industry with regards to Construction Safety, Standardized Form of Contract, Sustainability and Building Performance Standards. The CABE Malaysia Annual Conference started with the registration of delegates and light breakfast at 8.00am and the arrival of the Guest of Honour, President of CABE, David Taylor, CEO of CABE, Dr Gavin Dunn and CABE Malaysia Chair and Conference Organizing Committee, Chairman Sr Isacc Sunder Rajan. This was followed by the Director of AIAC, Vinayak Pradhan, and Secretary of the Lighthouse Club and Conference Organising Member, Bert de Munck.

The Conference proper started at about 9.15 am and the MC introduced the CEO of CABE, Dr Gavin Dunn, Secretary of the Lighthouse Club Kuala Lumpur, Bert de Munck and Director of AIAC, Vinayak Prathan, to present their respective opening speeches. This was followed by the joint launching of the Conference by the President of CABE, David Taylor, Secretary of Lighthouse Club Kuala Lumpur, Bert De Munck and Director of AIAC, Vinayak Prathan.

More than 100 delegates attended the one-day conference at the AIAC centre in Kuala Lumpur, which featured a keynote speech by David Taylor, who spoke on the topic of 'Performance Standards: Safer Together'. This address looked at the industry core issues of risk management, industry standards and industry image, illustrating that everybody in the sector – no matter their role or geographical location – plays an important role and is accountable for their actions.





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Reality bites in Cambodia



2019 has so far been a very busy year for The Lighthouse Club Cambodia. In early January, the case of Samat Rosikin, a young Cambodian construction worker, who suffered terrible injuries after he fell from the 2nd floor of a construction site through some high voltage power lines and then landed on a concrete slab below, was brought to our attention. The provincial construction company that employed him did not have insurance and refused to cover any of Rosikin's medical costs or the living expenses of his wife and three children. His family initially borrowed funds from extended family and friends, but doctors as yet were unable to say how long his recovery process would be, or give any idea of the overall total cost of his treatment.

After reviewing his case The Lighthouse Club Cambodia agreed that Rosikin and his family were indeed in need of assistance, and since January we have been assisting him with his medical bills and the day to day living expenses including food, rent and school fees for his family. Unfortunately his doctors have now said that Rosikin will never be able to return to work full time, even after extensive surgery and skin grafts, is permanently brain damaged, and will be on medication for the rest of his life. Rosikin has until now been the sole provider for his wife and three young children, and this now leaves them in a very precarious position. It is likely the children will need to forego their education in order to provide income for the family to survive on a daily basis.

In order that we are able to continue to assist workers such as Rosikin and his family, The Lighthouse Club Cambodia continue to raise funds through our monthly networking events as well as other social gatherings. This year we have already had two successful joint net working evenings with CBRE Cambodia. January's event was held at the SkyBar, in the Urban Palace Serviced Apartments where guests were given a bird's eye view of Phnom Penh's ever changing skyline, and in February we held our social gathering at the newly finished E Sun Tower. At each event we had more than 60 attendees, as well as a number of new Club members



To find out more about The Lighthouse Club Cambodia, please check out our new and exciting website: <https://www.lighthouseclubcambodia.org/>

signing up each month. On 22 March The Lighthouse Club Cambodia will hold our 5th Annual Charity Golf Day, at the beautiful Garden City Golf Club. Last year we had more than 60 players, and we are expecting this year to be bigger and better!

In an emerging economy such as Cambodia, we know that The Lighthouse Club Cambodia's funding and support continue to make a significant difference particularly for our sponsored students, and where we can provide financial assistance for construction workers such as Rosikin and his family. Looking ahead, we also plan to use our funds to educate local contractors and employers in the construction industry about the importance of insurance, health and safety and the value of their workers, in order to ensure the future sustainability of the construction industry in Cambodia.



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Bangkok Lighthouse Club News

In October we held the inaugural Sansara Charity Classic at Black Mountain Golf Club in Hua Hin. We had over 100 golfers along with their supporters over the 2 day event. It was enjoyed by all players and supporters. Special thanks to Sansara Developments & Tim Beaumont for sponsoring for the event.

Photos for the event can be found on: https://www.facebook.com/pg/sansarablackmountain/photos/?tab=album&album_id=975023686220597

The last of our regular networking events was in November sponsored by Cornerstone Management. As usual Thai Bauer sponsored our special Christmas Dinner function in December - turkey with all the trimmings!

To start the year off, Radcon Thailand sponsored our January networking evening and Designers Bathware sponsored our late lunch.

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of Qinhuangdao Port, China



屯門至赤鱗角北面連接路及收費廣場工程
Tuen Mun-Chek Lap Kok Link Northern Connection
Toll Plaza and Associated Works, Hong Kong, China

Melbourne

On 3 December 2018 the Melbourne chapter hosted its Christmas event, 'Reflections on the Year in Construction Law'. The event was very well attended, and we thank our collaborators, the Society of Construction Law Australia, our hosts Corrs Chambers Westgarth and the distinguished panel: Ben Davidson, Jo Pugsley, Matthew Bell, Marko Misko and Kara Vague. The speakers shared their valuable insight on developments in construction law this year, for Melbourne, Victoria, Australia and beyond.



made the introductions. The intention of the seminar was to learn from the recent changes made to arbitration procedure and practice in Asia and to consider what changes if any could be made to enable the growth of arbitration in Australia. The talks from the learned panel ranged pleasingly from the humorous to the provocative. Practical ideas for reducing the cost of arbitration were discussed including limiting written submissions and reducing the length of awards by deleting the procedural history.

On 29 January 2019 saw Melbourne's first event of the year. The event was a seminar held at the offices of HFW Australia entitled 'Arbitration in Asia: Lessons Learned'. The distinguished panel of speakers included Neil Kaplan, CBE, QC, SBS, Philip Greenham and John Bishop from Arbitration Chambers in Hong Kong. The event was sponsored by Gold Sponsors HFW and Silver Sponsors Diales, MTECC, FTI, Law in Order, Epiq and McMullan Solicitors. Approximately 60 people attended the discussion moderated by Nick Longley from HFW and Gavin Denton from Arbitration Chambers

The Lighthouse Club would like to thank the generous sponsors, and for the attendees making time to come. Through their generosity, the event raised AUD 4,000.

The Lighthouse Club plans to hold five events in Melbourne 2019. The next event, 'Victoria's Infrastructure Project Boom, Capacity Challenges and Innovative Solutions' will be held on 15 May 2019. We have an exciting line up of speakers planned.



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Brisbane

Brisbane has held a number of successful get togethers recently. Of special note was the Christmas event which saw a healthy turn out of over 40 members. There was a high uptake of membership renewal as a direct result of that evening. A great way to end the year! Our January 2019 event saw a similar turnout, including an encouraging number of new members. Thanks to our sponsors Subsea, this was an equally busy get together as December and included a number of new members.



Planning for the 2019 ball is due to start in late February with plenty of volunteers already keen to assist.

On 29 November 2018 Jillian Rathbone represented the Lighthouse Club Australian Branch at the annual Brisbane TAFE Skillstech 'Apprentice of the Year' awards presentation. Jillian delivered a motivational presentation to the students and guests and was asked by the organisation to present the award for the General Managers' Apprentice of the Year.

Perth

The Perth chapter had good turnouts to events in late November 2018 (sponsored by Shared Vision Solutions) and January 2019 (sponsored by Advisian). Our February 2019 sponsors are Clifford Chance. Thank you to all our sponsors, supporters and members.

We have two new members on the Perth sub-committee: Richard Baker and Andy Brunn. Existing member Victor Ageev has taken on a more active role in the management of the chapter, and Lee Armstrong has stepped back to spend more time on his duties as Australian President.

We have an exciting year planned, with a pub quiz in April 2019 (check the website and LinkedIn pages for details) and a full calendar of Get Togethers (usually held on the last Thursday of each month at 77 Social, St Georges Terrace, Perth). We look forward to seeing you there!



Hong Kong “curries” favour with a new night & new venues for an old favourite...



As of January 2019 the Hong Kong monthly get-together is no longer being held on the first Friday of the month. With most venues charging premium prices for one of their busiest nights of the week and the added difficulty of finding somewhere large and comfortable enough for our members, the Social & Fundraising Committee took history firmly by its horns and did the unthinkable! Subject to public holidays, Hong Kong members will meet on the 1st Thursday of the month and our gallant sponsors will have the choice of three new venues at which to host their get-together: Dusk Till Dawn in Jaffe Road, Wan Chai, Rula Bula at the infamous Lan Kwai Fong in Central or Forbes 36 in Kennedy Town. With the first 3 get-togethers of the year already passed, 2 were at Dusk Till Dawn, 1 at Rula Bula and despite the inevitable moans and groans from some, both venues have attracted record numbers (for the past few years anyway) and, indeed, several new members have joined as a result. Next up is the Rugby Sevens get-together on 4 April at Forbes 36 in Kennedy Town.



A Curry Night was held in January and, as with previous events, was thoroughly enjoyed by a few members willing to risk becoming lost in Chungking Mansions. Many thanks to Citi Construction for starting this up again (and paying for the beer!). **Any other companies or individuals looking to sponsor or fundraise events please get in touch with Adam Nelson, our S&F Secretary, at anelson@bkasiapacific.com.** The 7-a-side Football Tourney will be played on 27 April. Once again, this has been oversubscribed leading to organisers thinking that they may have to make it a 2-day event in the future. Reports and pictures of teams, victorious and otherwise, will be featured in the summer issue.

The AGM in May will not be far away by the time members read this and, as always, volunteers for the various sub-committees are most welcome to put their hands up. We have Membership, Young Members, Social & Fundraising, Editorial & Website, as well as Safety, Financial and, of course, Benevolence. Anybody who can spend a few hours per month helping out on these sub-committees will find themselves rewarded handsomely – with alcohol or chocolate!

The Young Members Group are putting together a series of planned events for the rest of the year. With the proximity of Chinese New Year in early February plus other events mentioned above and, of course, the Safety Awards, the first event the YMG have organised is a tour of the recently opened Xiqu Centre in the morning of 30 March. Too late for this issue but we are looking forward to the visit report in the summer edition of “The Lighthouse”.

And Finally... Don't forget to book your tables/places at this year's Charity Ball on Saturday 1 June at the Hong Kong Convention & Exhibition Centre. A fantastically entertaining evening is planned!





Institution of Civil Engineers: Jovi Wong Technical Seminar on Super Typhoon Mangkhut

Jovi Wong, Associate, Inhabit Hong Kong, presented a Technical Seminar on Super Typhoon Mangkhut- Aftermath & Implications on Hong Kong's Façade Designs, on Thursday, 24 January 2019 at the Institution of Civil Engineers, supported by Lighthouse Club Hong Kong.

In 2018 Typhoon Mangkhut brought widespread damages to Guam, the Philippines and South China and sustained wind speeds of 195 km/h, coming within 100 km of Hong Kong at its closest, making it the most powerful since Typhoon Hope in 1979. It caused serious impact on the external façade of existing structures like houses, offices and commercial buildings etc. Super typhoons may occur more frequently due to climate change.

With the consideration of this, enhanced designs to different types of glazing façade systems shall be considered to ensure the structural integrity of façades under super typhoon conditions. This technical seminar highlighted some key points on the facade design based on case study of Typhoon Mangkhut.





ABSTRACT: Hong Kong felt the brunt of Super Typhoon Mangkhut on 16 September 2018 as violent winds and intense rain swept through the city, leaving a trail of destruction. Nestled within the intertropical convergence zone – an area where northeast and southeast trade winds converge – Hong Kong is no stranger to stormy weather with super typhoons predicted to become increasingly frequent due to climate change. The Observatory issues its highest No.10 storm signal when sustained wind speeds top 118 km p/h. Hong Kong has been rocked by multiple T10 cyclones throughout its history, but there were several factors that made Mangkhut the strongest typhoon to hit the territory since records began; it had the highest maximum sustained wind speeds when compared to previous T10 storms – topping 220 km per hour. The maximum sustained wind speed of Mangkhut was 55 km per hour faster than Hato (August 2017), and 15 km p/h faster than the previous record-holder – Typhoon Hope (August 1979).



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Pension and lump
sum payments
to 13 families

20 families assisted
by the Lighthouse
Club joined family
outings

HEALTH AND SAFETY

16

INTERNATIONAL
DESIGN FOR SAFETY
COMPETITION
AWARDS



Demonstrating the very
best in eliminating H&S
risks at the design stage



1

GOLDEN HELMET
AWARD

(the one and only!)

55

SAFETY
LEADERSHIP
AWARDS



Recognising individuals
and companies for their
outstanding contributions
to keeping people safe and
well

SOCIAL AND FUNDRAISING



**HK\$
1,315,541**
LAPDOG CHALLENGE
RAISED



1,812

GET-TOGETHER
ATTENDEES



1,027

ANNUAL DINNERS
ATTENDEES

1. Gala Ball
2. Contractors Dinner
3. Eddie Ward Dinner



300

CONSTRUCTION
CONFERENCES
ATTENDEES



HOLE-IN-ONES

Annual Golf Day
(but lots of good
shots!)



4

SEMINARS

Women in
Construction
Leadership Series



100+

PHOTOS

At YMG
technical site visits
(not including
selfies!)



45

NAAN
BREAD

At the Annual
Curry Night



GOALS

At the
Soccer Cup

ANNUAL MEMBERSHIP

Ordinary
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Young
HK\$350



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Forthcoming Events



APRIL

04

Hong Kong monthly get together
Kuala Lumpur monthly get together
Perth Inaugural Pub Quiz

05

UK South East Annual Dinner,
Ashford, Kent

09

Hong Kong Women in Construction,
Empowering Women Seminar

10

Macau monthly social

11

Singapore monthly get together

16

Dubai & CIARB Young members Joint
Quiz Night

25

Cambodia monthly get together

27

Hong Kong 7-a-side football tourney

MAY

02

Hong Kong monthly get together
Kuala Lumpur monthly get together

08

Macau monthly social

09

Singapore monthly get together

15

Melbourne guest talk on "Victoria's
Infrastructure Project Boom, Capacity
Changes & Innovative Solutions"

17

UK West of Scotland, Race Night,
Hamilton Racecourse

18

UK Western Summer Ball,
Congresbury

23

Cambodia monthly get together

29

Yangon get together

30

Perth monthly get together

31

Macau Annual Dinner

JUNE

01

Hong Kong Charity Ball

06

Kuala Lumpur monthly get together
Hong Kong monthly get together

12

Macau monthly social

13

Singapore monthly get together



14

UK South Wales Golf Day, Penarth
UK West of Scotland Golf Day,
Drumpellier

15

Kuala Lumpur Golf Day

26

Yangon get together

27

Perth monthly get together
Cambodia monthly get
together



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