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Spring 2018

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STADIUM STATEMENT

New stadium puts Perth on the map

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Chairman's Message

Lighthouse Club International starts from a position of strength. In conjunction with the Hong Kong branch, there was a very successful one day conference on "Reducing Risks in Construction" held in Hong Kong on 15 March where 150 delegates registered.

Lighthouse Club Bangkok is re-joining as part of Lighthouse Club International and it is a pleasure to have such an active branch back in the fold. The support given to education of impoverished children in the slum areas of Bangkok, where many construction workers live, is commendable.

Major events for your diary are the International Construction Conference to be held in Hong Kong on 30 and 31 May, the monthly gathering on 1 June followed by the Annual Ball on 2 June, as well as the Summer Ball in London on 6 July. Each branch will also be holding its annual party which are always great events. I would encourage members from other branches to attend wherever possible. In this way, the ethos of

Lighthouse as a social club is maintained and enhanced for the enjoyment of all its members as well as the benefit of the many charities that we support.

I hope that the website will shortly be revamped so that news of all events is easily found. However, if this is to be effective, local branches must provide the information in good time as to what each is organising and I make a plea to branch secretaries to make this a priority.

I look forward to seeing many of you at Lighthouse events over the next few months.

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magazine of Lighthouse Club International, originally established in 1998 as Lighthouse Club Asia Pacific Region and superseded in November 2017 by Lighthouse Club International.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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Honorary Life Chairman

John Battersby

Honorary Life Members

Barry Adcock – Hong Kong

Willie Kay – Singapore

Les Leslie – Hong Kong & UK

Nick Longley – Hong Kong & Australia

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THE LIGHTHOUSE Spring 2018

Lighthouse Club International
Suite 1901-2, Hopewell Centre
183 Queen's Road East, Wan Chai, Hong Kong

Tel : +852 2736 9885
Fax : +852 2687 2252
info@lighthouseclubhk.com
Administrator : Elaine Man

Editorial Committee:
Mike Atkin (Editor) / Mike Staley / Elaine Man /
Janey Rogers / Steve Tennant / John Battersby /
Michael Hoare

Publisher: Mike Staley
E : publisher@rofmedia.com
T : +852 3150 8988

Advertising: Bryan Chan
E: bryan@rofmedia.com
T: +852 3150 8912

Designed & Published by ROF Media

Executive Committee:

Chairman	Rod Noble roderick.noble@39essex.com
Immediate Past Chairman	Bob Park rmpark50@gmail.com
Chairman Elect	Paul Roberts paulroberts@hka.com
Deputy Chairman	John Battersby johnbattersby@bkasiapacific.com
Secretary	Steve Tennant stevetennanthongkong@gmail.com
Treasurer	Phil Clarke phil.clarke@cotai.venetian.com.mo
Membership Secretary	Jim Chessell jchessell@bkasiapacific.com

Elected Branch Representative:

Australia	Paul Roberts paulroberts@hka.com Nick Longley nick.longley@hfw.com
Cambodia	Kerr Thomson kerr@achmanagement.com

Hong Kong	Barry Adcock barry.adcock@suez.com John Battersby johnbattersby@bkasiapacific.com Steve Tennant stevetennanthongkong@gmail.com
Macau	Keith Buckley keith.buckley@cotai.venetian.com.mo Phil Clarke phil.clarke@cotai.venetian.com.mo
Malaysia	Bert de Munck bert.demunck@plus3.com.my
Myanmar	John Anderson johna@meinhardt.net
Philippines	Sam Powell samuel.powell@hmrphils.com
Singapore	George Wall gwall@asgardprojectsolutions.com Jim Chessell jchessell@bkasiapacific.com
Thailand	John Pollard johnp@meinhardt.net
Vietnam	Colin Johnston cjohnston@bkasiapacific.com



LIGHTHOUSE CLUB INTERNATIONAL APPOINTS HONORARY PRESIDENT



NICOLAS BORIT

The Chairman and Committee of Lighthouse Club International (LHCI) were delighted when Mr Nicolas Borit, Chief Executive of Bouygues Bâtiment International, accepted in January this year their invitation to be LHCI's first Honorary President to serve for a two-year term.

For those who do not know him, Nicolas has been working for Bouygues Construction, the parent company of Bouygues Bâtiment International and Dragages Hong Kong Limited since he graduated with an MBA from Ecole Supérieure de Commerce de Rouen, France in 1990. Bouygues Construction is a French leader in the building, civil works, electrical contracting and maintenance sectors.

The Bouygues Group operates in some 80 countries, generating €12 billion sales in 2016. He is currently C.E.O. of Bouygues Bâtiment International, a global player offering its expertise in all kinds of building projects and operating in 25 countries. He is therefore the ideal ambassador to lead the Lighthouse Club in its development internationally.

Nicolas started his career in France in 1990 and was primarily responsible for business development in the Paris region. He then joined Bouygues Bâtiment International in Ivory Coast from 1995 to 1998 where he oversaw business development in West African countries.

Nicolas has been based in Asia since the handover of Hong Kong to China. In 1998, he joined Rinaldi Structural, a curtain wall and façade contractor subsidiary of Bouygues Construction, as General Manager for Asia. He then joined Dragages Hong Kong Limited in 2001 to oversee

business development in Hong Kong and neighbouring countries in Asia and steered the project development and the set-up of AsiaWorld-Expo, a major PPP in Hong Kong. He was appointed Chief Executive Officer of the management company from 2003 to 2007 and continues to be its Chairman from 2007.

In 2007 he was appointed Managing Director of Dragages Hong Kong and Chief Executive Officer Asia Pacific of Bouygues Bâtiment International and Chairman of Dragages Hong Kong in 2015, overseeing all operations in the Asia region in countries such as Singapore, Thailand, Vietnam, Myanmar, Australia, Philippines, where the Lighthouse Club has a strong and growing membership, in addition to Hong Kong.

For Nicolas, the safety and welfare of employees, not just within Bouygues but in every construction-related company, is of paramount importance and this is where he is aligned closely with the Lighthouse Club in its aims of fellowship, charity and learning. For many years, Nicolas has been a dedicated supporter of the Lighthouse Club in Hong Kong, particularly in respect of its work in encouraging good safety practices on construction sites through its various safety awards and conferences on the management of risk through safer designs and construction methods and proactive project management.

It is through its promotion of construction site safety that Nicolas sees the Lighthouse Club's growth worldwide. Lighthouse Club International will be all the richer for his ambassadorship as, in his current role, he will travel the globe and be the motivator behind the recruitment of many new members and the formation of new branches of the Club around the world, assisted, of course, by the LHCI committee.

Lynch Brothers

TAKE ON THE TRIPLE CROWN OF PHYSICAL CHALLENGES!



Every year Merrill, Rob and Darren Lynch, of Lynch Plant Hire, challenge themselves to a 'brothers Lighthouse Day' to raise money for the Lighthouse Construction Industry Charity, the charity that provides financial and welfare support to those who are suffering long term injury or illness within the construction sector.

And it seems that each year, the challenges are getting more and more physical and the training regimes more gruelling.

Last year the three brothers conquered the Yorkshire three peaks, Pen-y-Ghent, Wharfedale and Ingleborough raising over £3,000 for the Lighthouse Club charity.

The previous year saw them complete a 12 mile 'Tough Mudder' challenge. Billed as the world's most difficult obstacle race, they made it to the finishing post looking very muddy in just 3 hours and 25 minutes raising £5,000. But this year sees the trio take to the capital for the ultimate physical challenge when they compete in the London marathon on 22nd April.

Training is well underway and the competitive streak is already beginning to show, even though Merrill Lynch admitted at the Lighthouse Christmas annual lunch, "that he was a 'little bit' behind in training compared to his brothers". Merrill added, "Training for a marathon requires a lot of time, dedication and mind over matter. But as brothers, we motivate each other to keep going, especially knowing that we are raising money for such a great cause. As a company and as individuals we have been long term supporters of the Lighthouse Club Charity and it is an amazing feeling to

support our construction colleagues through difficult times. We enjoy the challenges and each year they seem to get more and more ambitious, but I think we'll get the marathon completed before we think about next year!"

As well as raising vital funds for those in need in the construction industry, Merrill, Rob and Darren dedicate their achievements to their late mother Celia Lynch who was a Director of Lynch Plant for 30 years.

If you'd like to support the Lynch brothers in their quest to complete the London marathon, please pledge your support here.



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No. 2, Jalan Kiara, Mont' Kiara, 50480 Kuala Lumpur.
Tel : +6 03 6201 0996 E-mail : kl@plus3.com.my

Hong Kong
Plus Three Consultants (HK) Ltd
Contact: Stephen Tennant
Suite 901, Level 9, The Hong Kong Club Building,
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OUT-2 Design Reimagines Primary Learning





The International School of Ho Chi Minh City (ISHCMC) has built a reputation on re-inventing the way students learn and respond to each other and their physical environments. ISHCMC engaged international architecture and design firm OUT-2 Design to create an immersive, inspirational library that would challenge established notions of primary school education.

The library would be built within the school's existing physical structure without altering the exterior – a restriction OUT-2 Design viewed as an opportunity to illustrate the benefits of new building materials and furnishings, spatial relations, and concepts for organisation and display.

OUT-2 Design's finished library is a vibrant, textured space that stretches out in sympathy and delight for the development of the young minds it serves. The design prioritises an imaginative, interactive landscape where books, artefacts, and student works are parts of a whole. This reverence for nature and tactile learning reminds students not to neglect the physical world of exploration for the technical – a noteworthy lesson in a school equipped with an advanced digital program.



By design and choice of materials, the library reflects the natural world, with areas devoted to earth, forest, and ocean. This helps extend the learning experience by providing visual and textural contributions. Furthermore, as the space is largely occupied by children, OUT-2 Design paid special attention to the selection of non-toxic, and environmentally responsible products – for example, the blue carpet, representing the ocean, is manufactured from recycled fishing nets.

OUT-2 Design has organised the space so that the children mentally escape into rather than out of the library. This bringing of the outside world in subtly introduces the premise that they are already stewards of their environments and motivates them to rise to this lifetime of responsibility.

For more information please visit www.out-2.com

Photography by Patrick Carpenter



Hong Kong's Game Plan

Text: Michael Hoare

With the naming of a shortlist of tenders for the Kai Tak Sports Park, Hong Kong's US\$4-billion stadium project is edging closer to realisation by 2022

Hong Kong's Home Affairs Bureau has invited New World Development, Dragages Hong Kong and a consortium that includes Alibaba Group and Lan Kwai Fong Group companies to offer their plans for a HK\$31.9-billion stadium and sports park in the Kai Tak redevelopment zone.

The bureau notified three of the six applicants from the pre-qualification exercise at the end of last year and the final three were named by the *South China Morning Post* newspaper. The trio have until June 29 to deliver a plan to create 28 hectares of landscaped parkland that will house three multi-purpose sports facilities: a 50,000-seat stadium with retractable roof, a multi-function indoor sports centre that can seat up to 10,000 people, and a sports ground suitable for school athletic events and league football matches.

The park will also feature a sports-themed shopping centre housing retail, food and beverage outlets. A "dining cove" will also be developed in conjunction with the Sports Park to improve connectivity between the Sports Park and the waterfront.

Although the legislation to fund the development has not yet passed the city's Legislative Council, the government claims:

- funding could be approved as early as the middle of this year;
- construction could be underway as soon as the third quarter of this year;
- delivery is scheduled for 2022;
- the design, construction and operation of the park will be offered to the winning consortium for a 25-year period;
- the owner-operator may turn a profit of HK\$300 million a year, breaking even in the third year of operation, according to one projection; and
- the project cost has been capped at about HK\$31.9 billion.



Hong Kong's commissioner for sports, Yeung Tak-keung, wants the 50,000-seat, main stadium to cater to tournaments as important as the Asian Games. Major events, such as the Hong Kong Rugby Sevens, would also be staged at the new stadium.

The details of the stadium plan were revealed during debate in Hong Kong's parliament earlier this month. The tender requires eligible bidders to have been involved in construction of a building worth more than HK\$1 billion, and to have a background in running arenas.

Earlier, the *South China Morning Post* reported the Alibaba-aligned consortium had nine investors, including AGTech Holdings, a lottery technology provider that is part of the Alibaba Group; and LKF Attractions, the theme park consulting arm of the Lan Kwai Fong Group.

The New World Development conglomerate is said to be involved in the project through a company called Kai Tak Sports Park Ltd. And the third company on the shortlist, Dragages Hong Kong, has a long history of involvement on the site. Dragages was involved in the harbour reclamation works to build the Kai Tak Airport runway in 1955.

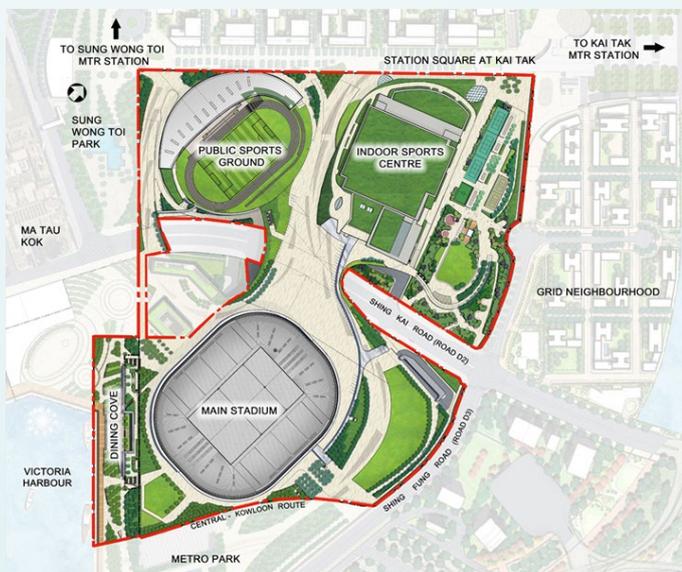
The Kai Tak Sports Park will be the biggest investment in sport infrastructure by the Hong Kong government in decades. While there have been a series of plans for the waterfront site in Kowloon since its closure as the city's international airport in 1998, until now, no single plan has gotten off the ground.

The operations consultant on the project are a joint venture by the Australian engineering firm WorleyParsons' Advisian advisory services group and KPMG. The joint venture is responsible for specifying user requirements, business plans, financial projections and performance measurements for the infrastructure's operation.

The joint venture also has a role in procurement and management. Supplier and services partners are currently being sought in facility

management and operations, commercial operations, construction and equipment supplies, technology providers, and event promotion. Interested parties can register at www.kaitaksportspark.hk/en/register_business_interest.html

In addition to the Kai Tak Sports Park project, the Kong Kong government has earmarked another HK\$20 billion for 26 projects in the next four years to overhaul the city's sport and recreation facilities.



Perth's Legacy Build

Text: Michael Hoare







One of the world's best new multi-purpose stadiums, Optus Stadium takes the lead in changing public attitudes and, perhaps, the construction industry



It's a piece of statement architecture that has been built to serve the Western Australian public and revive Perth as a tourism destination, but the city's new 60,000-seat Stadium is also a deeply transformative project.

When the doors to the multi-use facility were opened on 21 January this year, there was little about the bronzed aluminium façade, soaring fabric canopy or extensive landscaped surrounds that would have reminded Western Australians of the Burswood public golf course that the Stadium replaced, or the toxic landfill that was there before it, or even of its original use as an Aboriginal meeting place.

The Burswood Peninsula on which the Stadium and surrounding Park sits, is central to the former WA State Government's plans to redevelop the area. The Stadium precinct and other nearby sporting and leisure facilities are just under three kilometres by car from the heart of the Central Business District.

Proximity to the city was important in choosing the Stadium site; there are grand views across the Swan River, public transport connections were established, and pedestrians and cyclists have easy access to the area. Access to the stadium is almost exclusively by rail, bus, bike or foot, with private vehicles discouraged.

In one of the least densely developed cities on earth, with spacious housing on large blocks of land considered the norm, convincing people to leave their cars at home has been a significant cultural and environmental shift.

The design by Hassell, Cox Architecture and HKS Sport and Entertainment is a six-level, five tiered, steel and concrete structure with a Colosseum-style seating bowl that can be expanded to 70,000 seats within the existing structure. A fabric roof covers 85 percent of the seats.



A design-build-finance-maintain (DBFM) contract was awarded to the Westadium consortium led by Multiplex (design and construction), John Laing (equity investor and asset management) and BGIS (facilities management) in July 2014. The contract has a 25-year operating period.

Work to rehabilitate the site began a year earlier. Some 55,000 wick drains and 740,000 tonnes of sand were used to improve the stability of the soil profile. By December 2014, Multiplex had control of the site and the completed stadium and surrounding Park was delivered three years later.

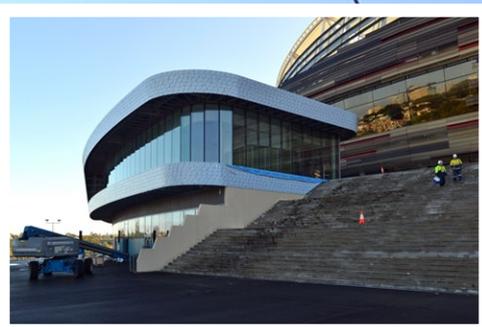
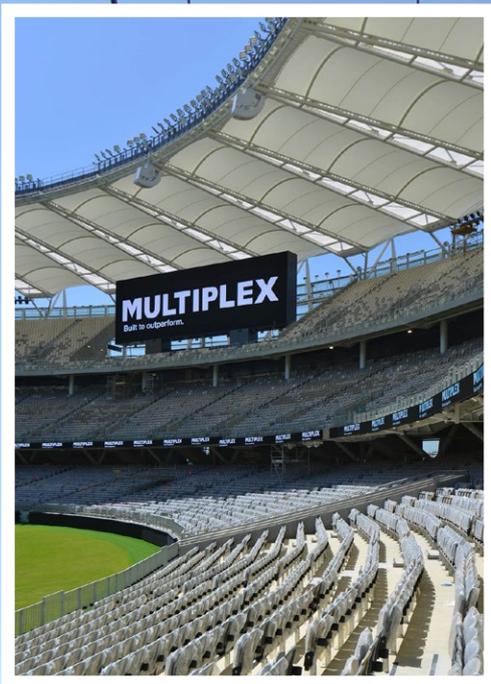
Multiplex Design Manager Paul Muggeridge says delivering the stadium, one of the biggest public-private partnerships in Western Australia, within a three-year window was a massive achievement. "It was such a tough delivery schedule on such a big build that it really came down to the programme," he told *The Lighthouse* magazine. "The stadium design and build achieved technical completion in November and was handed over to the State Government three weeks ahead of programme. This is

a tremendous achievement for all involved. It has been truly rewarding to see Optus Stadium come alive and delivered for the people of Perth."

Multiplex has its foundations in Perth and a track record stretching back more than 55 years. It has been involved in some iconic design and build contracts, including the Olympic Stadium in Sydney, the West Stand at Chelsea Football Club and the construction of the redeveloped Suncorp Stadium in Brisbane, which is often said to be one of the world's best rectangular stadia.

As the lead contractor for the Stadium project, Multiplex created a logistics team to coordinate the day-to-day works and major deliveries, which involved more than 500 vehicles a day at its peak. The project involved more than 15,000 tonnes of structural steel and 52,000 cubic metres of concrete, enough to fill 21 Olympic-sized swimming pools. A flood-prone and silt-heavy site, layered with landfill, meant more than 2,600 concrete piles were driven up to 36 metres into the sediment. At the peak of construction, 18 cranes were in use, including eight tower cranes.







Technology was essential to deliver a high-specification build in such a compressed timeframe. Building Information Modelling (BIM) was used in clash detection, documentation reviews and progress tracking. Multiplex delivered a BIM model to LOD (Level of Development) 500, meaning the modelling was “as-built”.

That level of technology extends across the stadium:

- at the eastern and western flanks are two 340-square-metre video screens that are currently the biggest in the southern hemisphere;
- more than 1,000 television monitors are located throughout the building;
- future-proof mobile connectivity allows stutter-free, high-resolution streaming;
- there are more than 1,400 Wi-Fi access points; and

- more than 1.7 kilometres of LED lighting is in place, making the Stadium the world's biggest LED installation in an arena.

In all, the Stadium is said to have the best sightlines, technology and the most comfortable facilities in a multi-purpose stadium. The watchword here was to create a “fans-first” experience. But the re-use of degraded land as a centrepiece for a new type of lower carbon living also signals a change for the people of Perth.

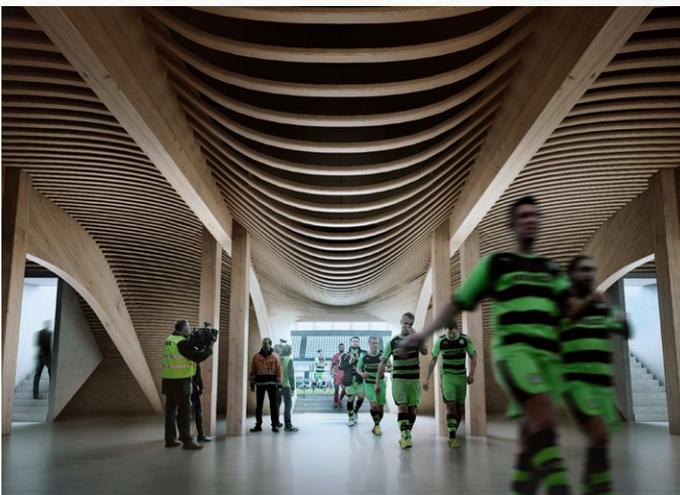
Similarly, for the construction industry, Mr Muggeridge believes it signals a new level of maturity. “I think a high-quality build such as this begins to shift the focus from the mining construction that Western Australia is better known for,” he says. “To have the stadium completed on time and to such acclaim is part of creating a legacy for Perth.”

MULTIPLEX
www.multiplex.global



ZHA DESIGNS WORLD'S FIRST TIMBER STADIUM

Information and Images: ZHA





Following an international competition which received more than 50 entries from around the world, to design a new football stadium in Stroud, United Kingdom, early last year Forest Green Rovers announced Zaha Hadid Architects as the stadium design winner.

Dale Vince, Ecotricity founder and Forest Green Rovers chairman, said: “Zaha Hadid Architects has built some fantastic sports stadia and facilities around the world, including one at the Olympic Park in London, and now they’ve designed one for Forest Green.

“The really standout thing about this stadium is that it’s going to be almost entirely made of wood – the first time that will have been done anywhere in the world. The importance of wood is not only that it’s naturally occurring, it has very low embodied carbon – about as low as it gets for a building material.

“And when you bear in mind that around three quarters of the lifetime carbon impact of any stadium comes from its building materials, you can see why that’s so important – and it’s why our new stadium will have the lowest embodied carbon of any stadium in the world.

“We’re thrilled with the concept and the amount of thought Zaha Hadid Architects put into their design – their experience of stadia design and their ability to put environmental issues at the heart of what they do really stood out. They took a really challenging brief, ran with it, and have given us an innovative and original new stadium.

“We’ve done as much as we can to make our current stadium properly sustainable, but we are limited with what we can do – it simply wasn’t built with the environment in mind. At Eco Park, we’ve started with a blank sheet of paper, and we’ll be going further than anyone has done before – this really will be the greenest football stadium in the world.”

Jim Heverin, Director at ZHA, said: “We are very proud to be selected to design the new home for Forest Green Rovers that will not only be a new stadium but also an important addition for the community. The club’s heritage, ambition and vision reflect our own, combining the latest material research and construction techniques with new design approaches to build a more ecologically sustainable and inclusive architecture.



“Forest Green Rovers have established a holistic vision for the site to retain its pastoral qualities whilst adding new facilities for the town. While the stadium will be the centrepiece, the project creates a new public realm with both recreational and occupational uses, enabling the entire site to contribute to the town - not only on match days, but every day of the year.

“The design retains and enhances the existing meadow landscape of the site whilst adding the stadium and other functions for the town. Embodying low carbon construction methods and operational processes, it will be the first all-timber football stadium with almost every element made of sustainably sourced timber including its structure, roof cantilevers and louvered cladding.

“As a building material, timber is highly durable, recyclable and beautiful. The proximity of the stadium’s structural elements to each other has also been determined to enable the seating terraces and floor slab to be made from timber. In most other stadiums, these elements are concrete or steel.

“The stadium’s roof is covered with a transparent membrane, which contributes to turf growth, minimizes stark shadows for players and fans and reduces the volumetric impact of the stadium from distant views in the surrounding landscape.

“With the team’s community and supporters at its core, fans will be as close as five meters from the pitch and the position of every seat has been calculated to provide excellent, unrestricted views of the entire field of play. The stadium’s continuous spectator bowl surrounding the pitch will maximise matchday atmosphere.

“The stadium’s design incorporates the club’s future growth. Initially for 5,000 spectators, increasing to 10,000 with the club’s success,

expansion from phase 1 to phase 2 can be achieved without the costs of major construction works.

“Forest Green Rovers’ new stadium and Eco Park aims to be carbon neutral or carbon negative, including measures such as the provision of on-site renewable energy generation. The buildings on the site, and their embodied energy, play a substantial role in achieving this ambitious target and demonstrate sustainable architecture can be dynamic and beautiful.”

The Zaha Hadid Architects’ designed stadium will be the centrepiece of the £100million Eco Park development – Ecotricity’s 100 acre sports and green technology business park proposal, beside junction 13 of the M5 in Gloucestershire.

Half of Eco Park will consist of state-of-the-art sporting facilities, including the new stadium, grass and all-weather training pitches, publicly accessible multi-disciplinary facilities, and a sports science hub.

The other half will comprise a green technology business park with sustainably built commercial offices and light industrial units, giving Eco Park the potential to create up to 4,000 jobs, including room for the continued expansion of green energy company Ecotricity, who have submitted the overall proposal and who are already the biggest employer in Stroud with 700 people located across four sites.

The proposal will also see the development of a nature reserve on the site, a potential public transport hub, including a Stroud Park and Ride, as well as help with the restoration of the Stroudwater canal.

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Enhancing the Home of Cricket

The redevelopment of the Warner Stand at the world famous Lord's Cricket Ground in London is one of the most significant projects in the world of sports architecture, creating a building to suit the unique architectural heritage and enhancing the fan experience at the 'Home of Cricket'.

In fulfilling the brief of the Marylebone Cricket Club (M.C.C.), London architects Populous have created a new stand that is deliberately bold and contemporary in nature, yet at the same time, sympathetic and sensitive to its place within the most historic of sporting arenas.

Located between the Grade II* listed Pavilion and the Grand Stand, the new Warner Stand has been designed to deliver an enhanced spectator experience for members of M.C.C. and their guests occupying this part of the ground and represents a significant upgrade to facilities within the stand, ensuring that Lord's retains its competitive advantage as the premier and most prestigious ground in the world to play and watch international cricket.

The new Match Control Suite, located at the rear of the lower tier

seating, is designed to exceed ICC (International Cricket Council) and ECB (England and Wales Cricket Board) standards, positioning Lord's facilities for officials and emergency services at the forefront of any currently available at global sports venues.

Accessible Design

Two tiers of seating combine to provide a total capacity of 2,674, while the innovative new stand has been designed to significantly improve the view from the stand, whilst also exceeding best practice standards for accessibility, so that it is fully inclusive for spectators with disabilities and mobility needs. In addition, the distance to, and speed with which, visitors can reach hospitality facilities and toilets from their seats has been greatly reduced.

Other new spaces and facilities within the building combine to transform the spectator experience, but also boost non-match day income by revitalising the Lord's offer of top-class hospitality facilities.



Information and Images: WAF

the seating tier, radiating dramatically from the corner of the Ground. The overall form of the main roof is reminiscent of an elegantly spreading palm leaf, delicately folded, so that rainwater runs back to the rear edge of the roof.

The water is collected at basement level and stored for reuse for the flushing of lavatories. Within the stand, the canopy provides protection from the elements, whilst the translucent qualities also ensure that spectators benefit from both shade and natural light. Sustainability has also been at the forefront of the design thinking. In addition to rainwater recycling, a green roof over the rear part of the building, and green walls on the rear facade, solar thermal and photovoltaic roof panels have been incorporated into the roof to generate hot water and electricity respectively. Boreholes and ground source heat pumps are also an integral part of the energy system, so that the heating and cooling system is carbon neutral.

The project is the first phase of the extensive M.C.C. on the development of its masterplan. The new Lord's Warner Stand is designed to fit and enhance the existing campus of buildings that constitutes the finest cricket ground in the world.

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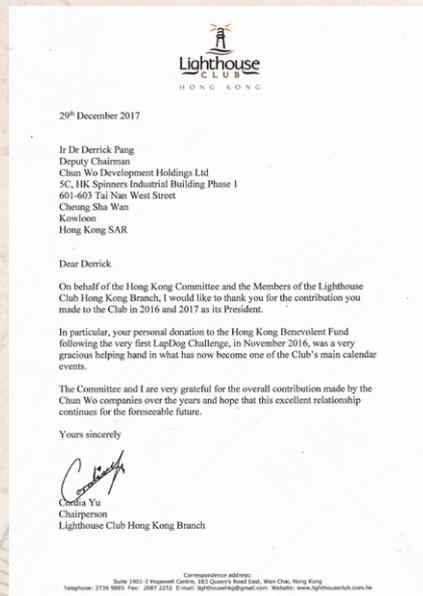
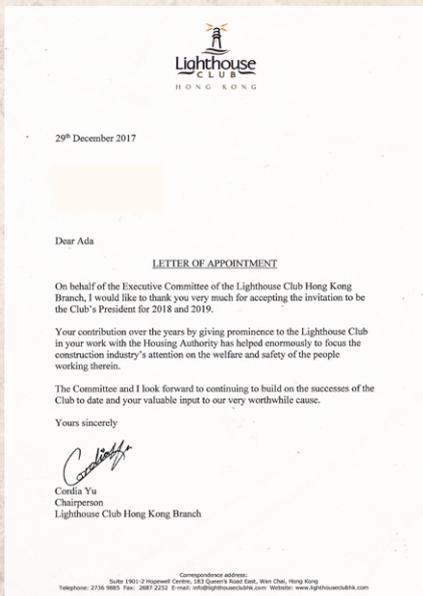
The enlarged, 135-cover restaurant occupies a central position in the design, with impressive large sash, opening windows along the side of the room facing the pitch, offering stunning views over Lord's. The restaurant is designed to heighten the feeling of connectivity of diners to the action on the pitch, rather than being removed from the spectators seated in the tier in front. Hence the decision was made to ensure that the roof possesses a very similar look and feel above both the restaurant and the seating tier.

A white, translucent insulating tensile fabric membrane was designed for the roof over the restaurant, which is the first use of this material in Europe. The fabric is supported by American White Oak 'engineered' beams that form a series of structural 'ribs', which cantilever over





LIGHTHOUSE CLUB HONG KONG WELCOMES ADA FUNG AS ITS NEW PRESIDENT



Cordia Yu, Chairperson, and members of the Hong Kong Committee are honoured that Ada Y S Fung accepted their invitation to be Honorary President of the Lighthouse Club Hong Kong with effect from the beginning of this year.

Ada Fung BBS, JP is an Architect by profession. She is an active member of the Architectural field as well as the construction industry in Hong Kong.

As the recently retired Deputy Director of Housing, she supervised the Development & Construction Division of the Housing Department, overseeing all facets of public housing development. Her duties covered project management, planning, design and contract management, as well as establishing operational policies on procurement, design, construction, quality, performance assessment, dispute resolution, research and development, safety and the environment. She also promoted partnering, value management, risk management, ethical integrity, site safety, corporate social responsibility, sustainable development, community engagement, green building and Building Information Modeling and product certification in the industry.

She is the past Chairperson of the Architects Registration Board (2010/11 – 2011/12), President of the Hong Kong Institute of Architects (2013 – 2014) and Chairperson of the APEC Architect Monitoring Committee of Hong Kong (2012/13 – 2014/15). She is also a recipient of the Lighthouse Club Hong Kong's Golden Helmet Award 2012.

The Housing Authority, as it is known today, first came to prominence in the 1950s when a large squatter fire left more than 50,000 people homeless overnight. Temporary two-storey accommodation was built immediately to provide shelter and some three years later North Point Estate, the first low-cost housing estate in Hong Kong was completed. By 1971 the first public housing estate, complete with shopping malls, bus terminus and other community initiatives was built. In 1972 the then government announced a Ten-year Housing Programme which was to provide accommodation for 1.8 million people. By 1981, however, the number of people living in public housing estates had reached 2 million and so the programme was extended for a further 5 years. Since then the Housing Authority has become

more transparent and further programmes like the Housing Subsidy Policy, Estate Management Advisory Committee, Tenants Purchase Scheme and Buy or Rent Option were introduced and implemented throughout the 1980s and 1990s. The last of the Temporary Housing Areas, which had been in existence since the 1950s was cleared in 2001.

A number of maintenance schemes were launched in the mid 2000s in order to refurbish older buildings and ensure adequate services, like water, were in good repair. Keeping the population safe and well is the highest priority.

Similarly, the aims and objectives of the Lighthouse Club resonate with Ada:

“As a keen driver for total quality plus safety and health at work in the construction industry, I am privileged and delighted to be the Honorary President of Lighthouse Club's Hong Kong Branch this year, having retired from my official capacity as Deputy Director of Housing at the end of 2017.

When I was a young professional in the late 1980s, I always admired the noble contribution by the Lighthouse Club in Hong Kong, for saving lives and preventing injuries. Over the past few decades, I have witnessed the evolution and growth of the Lighthouse Club in Hong Kong. The introduction of “Women in Construction” and “Young Members” Groups are vivid examples of success, for better engagement of stakeholders.

As a recipient of the Lighthouse Club's Golden Helmet Award, it is my firm belief that we must inculcate a culture of safety and corporate social responsibility in the construction industry and its workforce throughout the supply chain. I hope that our work in the Lighthouse Club will serve as a catalyst to accelerate this change of mindset and culture.

According to the ‘Vision Zero’ developed by International Social Security Association (ISSA), all accidents, diseases and harm at work are preventable. Let us join hands to apply the seven golden rules and achieve a target of zero accidents, for the betterment of the industry in the years to come!”

Young Members and Women In Construction Groups get into the Christmas spirit at Carnegie's!



On a Monday night (yes, a MONDAY!) around 80-90 individuals from the Young Members and Women In Construction Groups, and one or two “interlopers” from the 35+ age group, gathered together in one of Wan Chai’s more infamous haunts. Wearing an array of Santa hats, reindeer antlers and anything else sparkly and tinsel-y, the Christmas spirit descended on the throng and a splendid time was guaranteed for all.

The Basic Law(yers), those masters of the cover version, entertained the crowd with at least one or two Christmas favourites (When will Slade’s “Merry Christmas” ever be unpopular??!) which had the crowd breaking into song more than once.

Many thanks to the sponsors who were, of course, Pinsent Masons from whence came the band, also Ryder Architecture and DPR Consultants.

HK\$5,000 was raised through the raffle and by the looks of the photographs, everybody appeared to be having the time of their lives.

So, keep an eye on the new website and for the flyers which will keep you informed of where and when events are taking place. But, more importantly, do come along and enjoy the convivial atmosphere that is typical of an event organized by the Lighthouse Club Hong Kong.

Recent and future events:

- *March Get-Together, 2 March*
- *Six-a-side Football Tournament, 3 March*
- *One-Day Construction Conference, 15 March*
- *Safety Leadership & International Design for Safety Awards, 16 March*
- *April International Get-Together, 4 April*
- *May Get-Together, 4 May*
- *Two-Day International Construction Conference, 30-31 May*
- *June Get-Together, 1 June*
- *Annual Ball, 2 June*

All change for Hong Kong's monthly Get-Together!



In a move inspired by a) the closure of Insiders in January and b) the results of a survey carried out late last year, February's Get-Together took place at one of Hong Kong's recently revived, yet still infamous, bars in Wan Chai: Carnegie's. ProjexAsia sponsored the evening and the success of this change of venue was apparent, not only by the reluctance to leave the bar at 21:30 but also echoed by comments of those members who did leave to go on to other functions: "A bit of a squeeze but enjoyed the evening very much", "Nice to have choices of drinks other than wine

or beer", "I never got to dance on the bar, can you hold it there again next month?" - that last one might have been a bit tongue in cheek but certainly those who stayed for the "after party" would have seen a few members strutting their stuff/holding on for dear life, on the bar top.

Carnegie's was chosen following the very successful Young Members/Women In Construction Groups joint Christmas party, about which a report and pics appear elsewhere in this edition.

The difficulty with changing venue is that finding somewhere to accommodate 100+ thirsty, (sometimes grumpy) members and guests on a Friday evening is a challenge, whether it's Wan Chai, Tsim Tsa Tsui, Central or wherever. Historical reasons dictate the first Friday in the month and, in the dialect of the Scottish Borders, "it's ay been" (translation: it's always been that way

since time immemorial, we can't possibly change it now without causing a revolution!).

Many members, however, are unable to attend the Get-Togethers purely because they ARE on a Friday and a lot of us often have other functions to which we've been invited or have committed. It's one of the reasons our friends and colleagues overseas hold their monthly events on a Wednesday or Thursday and it's now become clear to the Social & Fundraising sub-committee that this is what the future holds for Hong Kong, despite reluctance from some.



Lighthouse Club International Design for safety award 2018

Robert Gordon, Deputy Chairman of the Lighthouse Club Hong Kong once again was on the road promoting the Lighthouse Club International Design for Safety Awards. Robert attended the construction industry safety innovation sharing organised by MTR at their HQ in Kowloon Bay on 10th January 2018 and spoke passionately regarding the need to involve designers more in the planning for safety. Robert then briefed participants on this year's competition.

Robert gave examples from previous years competitions and urged the audience of over 100 to seek entries and generate even more enthusiasm for design for safety. Robert stated that while a principal aim of the Lighthouse Club is to generate funds to support the victims of construction industry accidents that "recognising good practices

in design for safety and sharing these good practices amongst peers is important" and that the purpose of the competition was ultimately to "recognise excellent contributions, promote best practices and save lives".



BASF/EDVIRT/INFINITI Labs Presentation

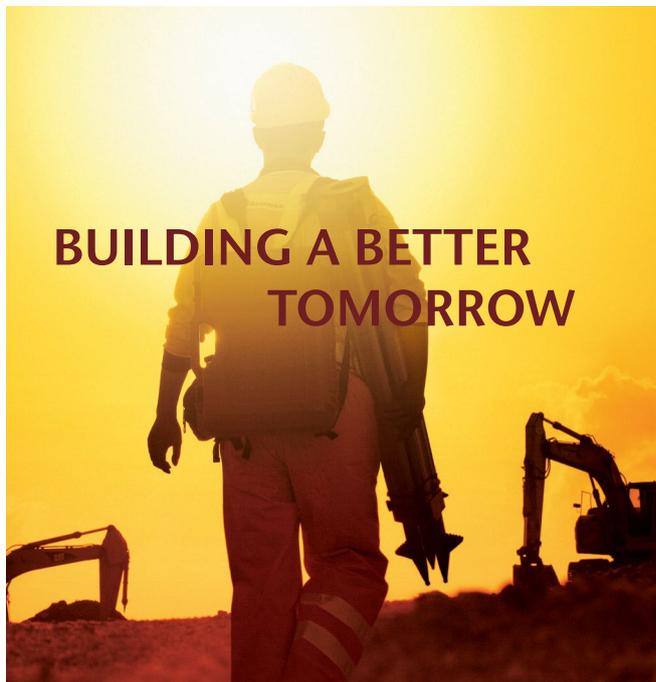


BASF/EDVIRT/INFINITI Labs Sponsored Rock Cavern Development Presentation and Golden Nozzle Championships

A futuristic, fun and informative evening was held on Thursday, 18th January 2018.

There was a short presentation on rock cavern design, Hong Kong's future source of land supply and sustainable development, and then there was a fantastic opportunity to learn to spray concrete with the latest technology for innovative training using gamification! The winner of the VR Game was Lighthouse Club Member Hilda Lee - Golden Nozzle 2018 Champion!

Thank you to BASF and EDVIRT for Sponsoring the event. Also thank you to INFINITI the venue sponsors. This is the second event we have held here in their LAB at the Hopewell Centre.



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Cambodia Branch Report

The Lighthouse Club Cambodia got off to a flying start this year, with our first networking event in January at Che Chulo Bar, with the event kindly sponsored by Kirby Building Systems- Cambodia. We had a record number of attendees and registered new members on the night!

February's networking evening was held at Samai Distillery, a new and exciting venue for us, where we had an even larger number of attendees and registered new members. Many new business connections were made at both events, and we were lucky enough to have some generously donated raffle prizes!

The great start to this year followed from a successful 2017 which culminated with the Annual Christmas/New Year Party held on Saturday 16th December at the Chinese House where thanks to Santa Claus (as well as our sponsors), we were able to distribute presents to 36 children from the MAGNA House of Hope Orphanage.

Aside from our monthly networking events, the

Lighthouse Club Cambodia is busy planning for our 4th Annual Golf Day, on Friday 23rd March 2018. Players will enjoy a "meet and greet" evening at the Exchange Bar, the night prior to the Golf Day. On the day, tee off for this 18 hole event, will commence at 12:30 pm, and all players are welcome to arrive early to enjoy the driving range facilities and a light lunch. Following the golf, players and family members are invited to the Exchange Bar where we will hold our prize giving event and a full dinner buffet will be provided. For information about joining the event or sponsorship, please see our sponsorship and player flyers attached or email: lighthouseclubcambodia@gmail.com

As one of the main goals of the Lighthouse Club is to sponsor deserving and economically underprivileged young people who want to continue their studies in construction related subjects, we include a bio of Ong Kuntheary our first female Cambodian student who is currently being sponsored by the Lighthouse Club Cambodia. We wish Ong Kuntheary the best of luck in her continued studies!



Macau welcomes the Year of the Dog



In this second sporting edition of the Lighthouse magazine and given this Chinese New Year celebrates the year of the dog, the Macau report turns its gaze towards the Yat Yuen Canidrome, the infamous greyhound racing track, the only stadium of its kind in Asia. Built in 1963 in the north of the peninsula, the Macau Canidrome in its 55 year history has been plagued by accusations of maltreatment of greyhounds, appalling and cruel kennel conditions and summary execution of dogs that underperform. Yet for over half a century this aging concrete monolith has run 12 races every night, 5 nights a week.

Waning gambling interest in greyhound racing and pressure from animal rights groups have ensured its twin concrete arched entrance will close for good in July 2018, however concern remains over the fate of the 650 greyhounds that still reside there. Whilst generally pet friendly, the Macau community is too small to take such a large influx of dogs. Indeed, in the 55 years since its inception only 8 dogs have been adopted according to Anima, a Macau animal welfare organization that has been monitoring the Canidrome.

Anima and other animal rights groups have joined to fight to save the remaining dogs having gathered 50,000 signatures to petition the Macau Government to help secure the dogs' future by placing them in Anima's care. Some groups are raising funds in an effort to find new homes for

the greyhounds overseas. One question is whether they can be returned to Australia which has been the main supplier of greyhounds to Macau until exports were banned in 2013 owing to high death rates and poor conditions.

The company that runs the Canidrome have stated that they will continue to look after the retired athletes. Given the past history however, the animal rights groups remain concerned for the welfare of the dogs believing they will be killed, eaten or sent to illegal underground racing tracks in mainland China. How this issue is addressed will have far reaching consequences as to how Macau is perceived by the rest of the World with regards to the welfare of animals.



The use of the Canidrome land following its closure is under review by the Macau SAR Government. In April 2017 a MOP1.43 million contract was granted to City Planning & Engineering Consultants Ltd to conduct a study of the development of the Canidrome plot. Whilst not as yet open to public consultation the Government did reveal it proposed to build four schools, one being for children with special needs. The proposals are part of the Government’s ‘Blue Sky’ project which seeks to solve the problem of scarcity of green spaces meaning education facilities in Macau not having access to open areas for sporting activities.

The year started well with the Lighthouse Macau chapter donating 300,000 HKD to the Asia Pacific fund. The first Lighthouse Macau gathering of 2018 was hosted by Grand Flag Engineering Company Ltd at the Four Seasons and was well attended by the members. The February gathering is to be hosted by Tabar Marble which, as always, promises to be a lively affair.



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A lively start to 2018 in Manila

Lighthouse Club Manila kicked off its 2018 social events calendar with a change of events schedules and a mix of venues to make the events more interesting. Events schedules are shown below, venues will be notified.

Date	Event Title
Sat, 21 April 2018	Soiree
Thu, 21 June 2018	Wine and Cheese
Thu, 16 August 2018	Quiz Night
Thu, 18 October 2018	Guest Speaker
Sat, 10 November 2018	Annual Charity Ball – Construction Party @ Marriot Manila
Sat, 8 December 2018	Christmas Party

January 2018, social event and AGM

January's event combined the regular social event with the club's Annual General Meeting. Mark Henke of EU-Philippines Business Network joined the Board of Trustees. His experience and extensive networking outreach is welcomed. The event was held at Bondi & Bourke, Makati and was sponsored by Jacobs, who are a global provider of technical, professional, and scientific services, including engineering, architecture, construction, and operations and maintenance. Between sponsorship, the regular raffle, and auction of a donated painting, charity funds were raised for club scholars giving a great start to 2018.

February 2018, Quiz & Curry Night

Quiz evenings are always well attended by Manila Lighthouse Club Members. When they are accompanied by excellent curries and free flowing local beer, and wine, they become irresistible. This certainly provided the case for February's event, held at Manila Club, with a full house and 6 teams battling it out to win the prestigious first place thus proving their superior capability at retaining interesting tibits of impractical information. Experienced quiz master Aahron led the teams through 6 challenging rounds including name the artist and song, Australian trivia, movie quotes, and identify the "George". 1st place went to HMR's team Trump 2020, 2nd place to Skippy, and 3rd to Last of the Summer Wine. Event sponsor was ONDULINE Philippines, a leader of lightweight building systems: providing lightweight roofing solutions, cladding and thermal insulation. Over P30,000 was raised for charity, and a great night was had by all.



Benevolence

Lighthouse Club Manila key charitable activity is the sponsorship of eligible students, although other special projects are undertaken from time to time. The sponsorship typically takes the form of payment of school fees, but can also include living allowances, where these are needed. Graduation of a licensed engineer from a reputable university typically costs in the range of PHP400 – 700,000 (USD7,600 – 13,300) for a 4-year course. Graduation from a BS-Education course costs about PHP300 – 450,000 (USD5,700 – 8,600). This is well beyond that ability of a minimum wage-earning family in the Philippines, with minimal legal wage in Manila currently a mere PHP 491 (USD9.38) a day, or about PHP13,000 (USD250) a month before any deductions.

The cost of education means that many capable students from poor backgrounds are unable to afford tertiary education; the situation

becomes even worse if a family's wage-earner is lost or unable to work following a construction industry accident. Lighthouse Club Manila is privileged, with the support of the James Battersby Education Trust and the Lighthouse Club Asia Pacific Region Benevolent Trust to be able to help in addressing this situation for some students.

The Board of Trustees of the Lighthouse Club Manila, has raised their number of sponsored scholars from 30 to 35 positions for the 2018-2019 school year. With the graduation of one licensed Civil Engineer in 2017, and 5 students in 2018 (one Civil Engineer, one Chemical Engineer, and three B.S. in Education), representing culmination of PhP2.7 Million investment in these students' education, there are now 11 available scholarships. Invitations for applicants has gone out, and review of applicants for the 2018-2019 school year starting in July is ongoing.

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Ilan Freiman
Partner
T: +852 3143 8456
ilan.freiman@blplaw.com

James Clarke
Partner
T: +65 6571 6624
james.clarke@blplaw.com



Updates from the Lion City



The Lighthouse Club held its Annual Dinner and Dance at the Intercontinental Hotel Bugis on the 9th December 2017, Saturday. We were privileged to have almost 150 people attend, all dressed to the theme of "Roaring 20s". Over \$10,000 was raised for the club which would not have been possible without the support of sponsors and kind donations from the attendees.

The fun all began at 6:30pm with a happy hour bar, instant photo booth, cigarette girls and a silent carpet auction. It was a glamorous night with guests dressing up for the occasion, ready to be picked as the Best Dressed for the evening.

This was a great opportunity for guests to mingle and dine together on a sumptuous meal which followed an opening speech given by Mr John Battersby, the Honorary Life Chairman of Lighthouse Club International. Guests were entertained all night long by the comical genius who is known as Sid the emcee, with live band performances and a series of games. It was heart-warming to hear

from Professor Daniel Wong (National University of Singapore) on how the LHC's contributions are helping students gain higher education through the University. It was indeed humbling to be joined by two such students whom the Club bursary has helped. This was followed by a slideshow presentation of past and present beneficiaries coming forward to thank the Lighthouse Club. It served as a strong reminder for all attendees that every single contribution was well appreciated.

The evening closed with the Best Dressed award going to Ms. Mariya Maderych, who also started the dance floor going with her superb DJ skills. The Lighthouse Club Singapore would like to thank everybody who was involved in organising and attending the night and for the generous donations received.

We look forward to seeing everyone again at this year's event which will be held on Friday the 16th November 2018 again at the Intercontinental Hotel, Bugis.



The following are confirmed events up to April:

- 8 March Monthly Get-Together
- 25 March Amazing Race
- 12 April Monthly Get-Together

McGETTIGAN'S
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Construction Industry Embracing New Technologies

Changes in the construction sector are rapid, and inevitable. Those most able to respond quickly and integrate new technologies into their businesses will be the winners, while those who do not will be left behind, says Mark Sawyer of *The Business Times*. The following is an edited version of the original Jan 2018 article. To read the full version please visit www.businesstimes.com.sg/opinion.

The Singapore government's Industry Transformation Map (ITM) for the construction sector is more than a vision for the sector's future. It is a survival plan. It is a timely and necessary response to the technological changes taking place in Singapore and around the world.

At the launch of ITM, National Development Second Minister, Desmond Lee, said: "Essentially, we are speaking about transformation of the whole construction sector - the entire process and value chain, from end to end."

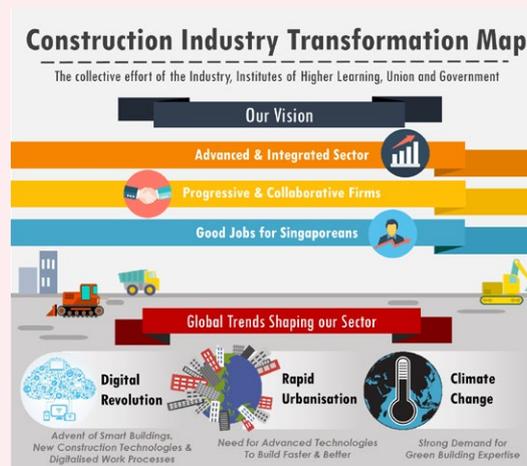
The ITM's ambitious plan to train 80,000 tech-ready construction professionals by 2025 is good news for smaller contractors. It gives them access to a pipeline of trained talent which is unavailable to them now. Hopefully this new direction will encourage more small firms to join the revolution, rather than waiting for larger companies to force technology adoption upon them.

With a reduction in access to cheap foreign labour coupled with growing competition, Singapore's construction sector only has one way forward. It must adopt and master the technology currently available to drive productivity and efficiencies at every stage of the construction cycle. Singapore's construction sector has developed an excellent reputation for technology adoption, with credit due to the efforts of the Building and Construction Authority.

So what are some of the advancing technologies driving change in Singapore's construction sector? Here are a few examples:

5-Dimensional Building Information Modelling (5D-BIM)

Most people understand what a three-dimensional model of a building is. A more recent advancement is 4D BIM, which incorporates data on time such as building schedules and production constraints. We are now entering the era of 5D BIM - which means it tracks costs as well as time. With a 5D Model you can see exactly what the progress of construction will be, and the total cost incurred on a future date - in a week, a month or a year.



5D BIM technology comes into its own when you need to make changes to a design. For example, if the project requires more underground parking, you modify the 3D design to include another level of parking, run an automatic 5D analysis, and immediately see what this change has done to the schedule and total cost of the project.

Drones, Photogrammetry and Image Recognition

A drone is little more than a camera mounted on an aerial platform. Drone hardware is interesting for the construction industry, but the software that renders the images and videos is more exciting. With the hardware and software together, we get data from previously unavailable vantage points, informing design and monitoring construction progress to better manage schedules.

Drones can be used for photogrammetry which uses imaging devices and digital algorithms to produce 3D models of terrain, roads and buildings. Beyond photogrammetry is the field of image analysis and object recognition. Here the software can piece together images of a building to automatically create a 3D image. And beyond image analysis is the use of structured light to produce very accurate 3D models from so-called point clouds.

The Internet of Things

The ability of people on the project to respond to changing conditions has always been limited by the tools they use to determine what is going on. Let's say the electricians fail to show up and you need to determine how many guys you will need next week to make up ground.

The Internet of Things will bring a range of sensors to the job site. In real time, data from the site can be sent to the office where your team can assess the impacts on the schedule, cost, and material or labour requirements, make an informed decision and communicate that decision to crews on site. Superintendents and project managers will still decide quickly, but with some real data and analysis helping them to make the right call.

The Future

The building construction sector is not the first industry to face a technological transformation. From financial services to manufacturing, the digital revolution has forever altered the way business is done. Construction is also being radically transformed. Some changes are so rapid yet of such fundamental importance that for some companies their ability to survive will rest entirely on their ability to integrate new technologies into their operations faster than their competitors.

Kuala Lumpur embraces the Lunar New Year

As per 8th February 2018 the Lighthouse Club KL has 67 members of which are 6 corporate members. More renewals and new memberships are expected at the upcoming Get Togethers. So far, monthly “Get Togethers” for 2018 have taken place on and at:

- 11th January 2018 – Jarrod and Rawlins
- 8th February 2018 – Havana

Unfortunately, neither of the above were sponsored so our call goes out to all members to help to try and engage more sponsors for the rest of the year. Good news for March though, as they have done for a number of years now, BKAsiaPacific (Malaysia) Sdn Bhd (formerly BK Burns and Ong) along with Entrusty and Proforce sponsored the 1st March Chinese New Year themed get-together for which we are grateful.

Our next gatherings are scheduled for:

- 6th April 2018
- 3th May 2018, AGM meeting
- 7th June 2018
- 5th July 2018
- 3rd August 2018
- 6th September 2018
- 4th October 2018
- 1st November 2018
- 6th December 2018

Venues will be advised on our Facebook page and in our flyers. Sponsors please get in contact!

The Annual Party will be held on 17th November 2018 at KLRCA (Kuala Lumpur Regional Centre for Arbitration). The event this year comes at the end of the week-long IFAWPCA convention (International Federation of Asia and Western Pacific Contractors Associations) which members and some of our other Lighthouse Club colleagues from around the globe are attending.

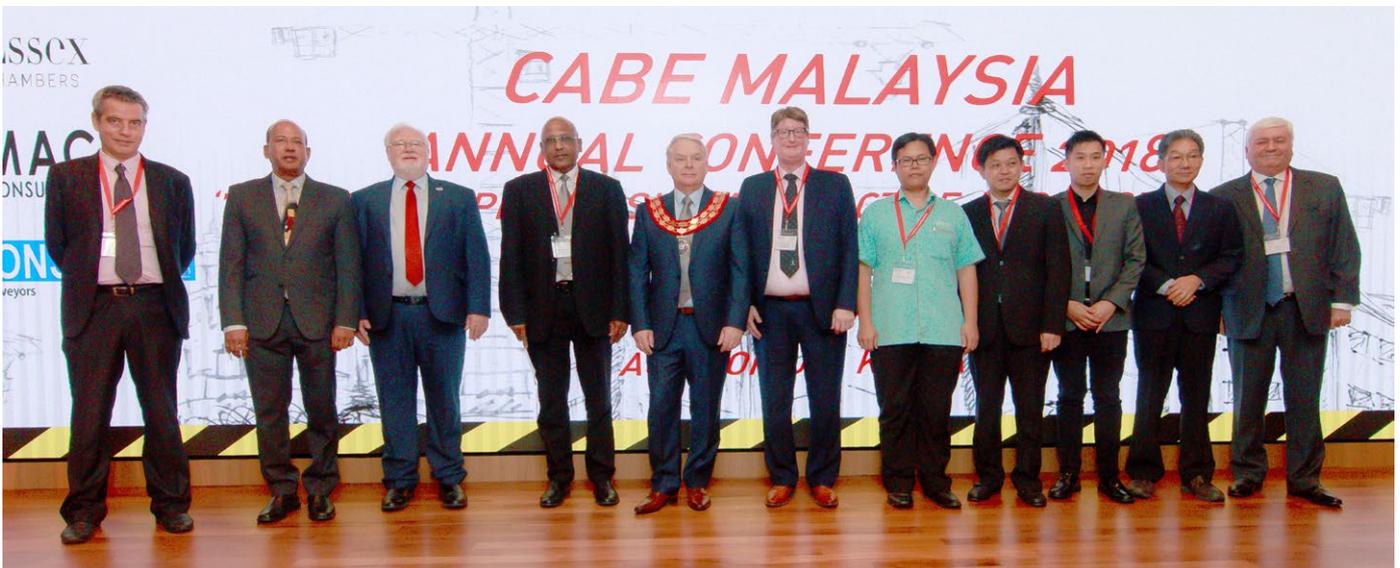


Also in the morning of the 17th the Lighthouse Club International Committee will have one of their regular meetings, hopefully, also at KLRCA if they will kindly allow us to use their lovely facilities once again.

All of our upcoming events are posted on our Facebook page which is as follows: <https://www.facebook.com/LighthouseClubKL> The Lighthouse Club of Kuala Lumpur has started a Young Members Group: members between 18 and 35 years of age are invited to become a young member. The Young Members Group will organize their own charity events and events for networking as well as promote fellowship.

We're looking forward to another great year at Lighthouse Club Kuala Lumpur!

Lighthouse Club Kuala Lumpur and Chartered Association of Building Engineers Malaysia Join Forces for Successful Conference



On Friday 19th January 2018 the annual CABE conference took place at the Kuala Lumpur Regional Centre of Arbitration (KLRC), this year's theme being "Developing Professional Practice and Responsibility". The conference was jointly organized by the Lighthouse Club Kuala Lumpur and the Chartered Association of Building Engineers Malaysia (CABE) and was attended by more than a hundred delegates, comprising a mix of engineers, quantity surveyors, lawyers and other professionals from the Construction Industry. As a result of the generous sponsorship both CABE and LHC KL were also able to invite about twenty students from various universities to the conference. The proceeds of the conference were shared by the two organisers and benefited both their respective charitable projects.

The conference programme included speakers from the UK, Ireland, Malaysia and Singapore with a variety of topics from Fire

Engineering to Innovation in Cement Technology, Standard Form of Contracts, BIM and Health & Safety. At the conference the organisers were very pleased to welcome special guests from the CABE UK and CIDB, who also supported this conference as the headline sponsor. The CABE president David Taylor and CABE CEO John Hooper both set the tone of the conference by inviting and challenging the speakers and delegates on the global challenges in the Built Environment as well as the challenges facing the profession of Building Engineering. CIDB presented QLASSIC, quality assessment in construction, which enables developers to benchmark the quality of workmanship.

All speakers gave great insights into the current challenges we face regarding engineering, quality, sustainability and contractibility. Three presentations made a great impression to all: The first one was the talk by Tay Hao Giang who gave us further insight in the



importance of fire engineering and the devastating effect fire has if not considered correctly during the design, construction and operational phase. Terrible disasters, like the Grenfell tower fire, are a sad example of how fast fire can spread and how much havoc it can cause. The talk by Ian Pughsley was about Health & Safety and addressed once again that the statistics in Health & Safety in Malaysia require much improvement and highlighted that all parties involved in a project need to step up and take responsibility since everyone has the right to return home each day to their loved ones unharmed. Both CIBE and LHC KL will continue to emphasize the importance of compliance and enforcement of the Health & Safety regulations in the Construction Industry.

The final presentation to be highlighted by Ronan Collins had a lighter theme but none the less touched a very important development: BIM. The use of BIM is already adopted in

megaprojects in Malaysia and is causing a revolution in the industry. This requires all stakeholders, government, contractors, consultants, etc to invest in training programmes to assure there are sufficient BIM resources available in the near future.

After the conference the delegates were invited for dinner and drinks in the Pavilion at the KLRCA. It was a great opportunity to continue to discuss the various interesting topics of the conference, do some more networking or just relax after a long but interesting day.

These conferences cannot take place without the support of our sponsors. Both CIBE and LHC KL would like to thank CIDB, Driver Trett, Plus Three Consultants, 39 Essex Chambers, MAC Consultant, Kinsabina Group, Pro Consort and KLRCA for their continuous support and sponsorship.



Australia's Branch Reports

The Australian economy seems to largely be recovering from a lacklustre 2016 and 2017. This is largely thanks to a boom in Sydney transport and infrastructure spending and a marginal recovering in the Perth commercial building sector. With these positive signs of life have come healthy turnouts to Lighthouse Club events in most states. More on this later.



Lighthouse Club in Adelaide, South Australia

Our big news this quarter is that the Lighthouse has come to Adelaide, courtesy of our man on the ground Graham Hartland (of Singapore Lighthouse Club fame). The first monthly Get Together was on 23 January 2018 at the Duke of Brunswick Hotel. We had a phenomenal 21 people turn up for this event which is a very promising start. Future events will be on the last Tuesday of each month at the Duke of Brunswick Hotel. We are seeking sponsors for the remainder of the year. Please do get in touch if you can help. Please do go and support Graham and the team if you're in the area.

Australia Committee Appointments

December saw a few changes in the committee members as standing members moved onwards (but, I would venture to say, not 'upwards') or stepped back to enjoy their own lives. The current committee is:

- Lee Armstrong (President)
- Suzy Cairney (Secretary)
- Paul Roberts (Vice-President, Brisbane)
- John Gurney (Vice-President, Melbourne)
- Karen Wenham (Vice-President, Sydney)
- Kevin Anderson (Treasurer)
- David Lewis (Assistant Secretary)
- Jillian Rathbone (Website and Media Manager)

We believe this is a good mix of experience and new blood. Here's to the next 12 months!

Donations to TAFE NSW Recipients

Our Sydney branch has been working hard with TAFE NSW to be able to provide some hardship bursaries to young people in need of assistance. It was with great pleasure to present bursaries to both Andrew Everingham and Ali Bahrami who were selected as being deserving students attending TAFE NSW in Mt Druitt, the SkillsPoint HQ for Infrastructure, Energy and Construction. Both students received funding which went towards TAFE fees to the end of 2018, as well as essential tools. Ali imparted a very moving story of his move from Afghanistan to Australia and the challenges he has faced along the way. His ambition is to become a qualified carpenter and eventually own his own business. Andrew's ambition is to complete vocational work in Third World countries using the skills he has learnt in plumbing and then develop his career to the next step of opening a business.

The bursaries were primarily funding following the success of "Tracing a Construction Case" held in the Supreme Court in Sydney in April 2017. Thanks to everyone that has helped make this happen.



All of us in LHC Australia wish both Andrew and Ali every success in the future and look forward to sharing their future successes with you. Special thanks to Robyn Addie and Chris Pracy of TAFE NSW who assisted us in the selection of suitable candidates and organising the presentation. Stephen Bolt representing Lighthouse Club Sydney made the presentations.

Brisbane News

The Brisbane chapter of the Lighthouse Club has been going from strength to strength in the last quarter. We've welcomed several new individual and corporate members and look forward to meeting new faces at each event. We would especially like to thank our recent sponsors, dts builders. Get Togethers are held on the third Thursday of the month at either the Pav Bar or the offices of our sponsors – you'll find details on the website.

The Ball Committee is underway with planning our annual event and it is looking to be bigger and better than ever this year! Sources are telling us to keep your diaries free in September.



Perth News

Perth – and by extension the Perth branch of the Lighthouse Club – suffered a little due to the downturn in construction-related activity in early 2017. We're not going to see the boom times of 2012 or 2013 for some time (they've gone on holiday to Sydney for a while, but we'll have them back eventually!), but we're certainly now seeing a return to the good times commercial building is picking up, the government is funding a number of medium-sized road projects, and mining companies are planning extensions, maintenance and new projects.

The numbers at our monthly Get Togethers are solid, and a movement to a new venue in February 2018 should give everyone an injection of enthusiasm that everyone needs. Thanks to our sponsors TBH and Clifford Chance for allowing us to continue into 2018.

Our Tracing a Construction Case event was a sell-out. Thanks to the participants who travelled from Singapore, Hong Kong and Kuala Lumpur to speak at the event. It was a great night and helped raise money and profile for the Lighthouse Club. Thanks to our sponsors 39 Essex Chambers, Jones Day, Clifford Chance, Contract Solutions International, Pinsent Masons and TBH.

We're busily planning for a number of additional events this year, including a quiz night, a golf event and our Winter soiree. Watch this space, and check our website for more information.

Melbourne News

We're still looking for sponsors and active people to help out in Melbourne. Please contact us at info@lighthouseclubaus.org for more information.

Sydney News

After a brief hiatus over Christmas, the Sydney branch continues to hold monthly events where possible. The Sydney infrastructure sector is booming, and this alone is enough to have sent the state of NSW into a frenzy. Our man on the ground in Sydney, Julian Hemms, has put together the following review:

With an unprecedented spend and growth profile the New South Wales market is hot, and certainly the place to be for business. With an astonishing AUD\$72 Billion committed in various sectors, the skills shortage and pressure on the Sydney market is expected to increase. The major spend in infrastructure is likely a welcome break to the downturn in investment in oil and gas, with the redeployment of key civil resources to deliver this incredible boom in the market – not to mention that there is no sign of the market slowing down. The transport strategy is currently a move West from Sydney, which looks certainly to create future growth and force expansion into new cities. This change already visible in Parramatta and we're likely to see similar trends as in the UK, where big businesses are moving out of the CBD to find easier commuting times and more competitive leasing rates.

For further information, please contact Julian Hemms or visit the NSW web site, which retains details on the current spending and expenditure. Who said construction was a bad choice for a career? Thanks Julian. Any questions or comments on this snippet, please contact Julian via our main contact address: info@lighthouseclubaus.org.



Conclusion

2018 promises to be an exciting year for Australia. The Lighthouse Club Australia fully intends to be an integral part of this excitement. Subscribe for updates to all our Australian groups on our website at www.lighthouseclubaus.org.

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Benefits include:

- Corporate logo feature in "The Lighthouse" quarterly magazine
- Logo displayed at all events organized by Lighthouse Club International and local branch events where nominees are based
- Advertising discounts

Individual membership is also available.

Forthcoming Regional Events

April

Wednesday 4

Hong Kong & International Gathering
Forbes 36, G/F, 36 Forbes Street,
Kennedy Town, from 6.30pm to 9.30pm

Thursday 5

Kuala Lumpur Branch Get-together
Jarrod & Rawlins, Jalan Bangkung,
No. 63, Jalan Bangkung, Bukit,
Bandaraya, Bangsar, from 6.30pm to 10.30pm

Thursday 11

Macau Branch Monthly Social
Contact Macau branch for details

Thursday 11

Singapore Monthly Get Together
Contact Singapore branch for details

Thursday 19

Brisbane Chapter Monthly Get Together
Contact Brisbane Chapter for details.

Friday 20

Singapore Branch Quiz Night
Quentin's Eurasian Restaurant,
6.30pm to 10.30pm

Saturday 21

Manila Branch Poolside Soiree
Contact Manila branch for details

Sunday 22

Macau Branch MinDa Golf Tournament

Contact Macau branch for details

Tuesday 24

Adelaide Chapter Monthly Get-together
Contact Adelaide Chapter for details

Thursday 26

Perth Chapter Monthly Get-Together
Terrace Hotel, 237 St. Georges Terrace,
Perth WA 6000, from 5.30pm to 7.30pm

Friday 27

Macau Branch Annual Dinner
FEAST Restaurant, G/F, Sheraton Grand
Macau Hotel, Sands Central, Taipa

May

Thursday 3

Kuala Lumpur Branch Get-together
Contact Kuala Lumpur branch for details

Friday 4

Hong Kong Branch Monthly Get-together
Contact Hong Kong Branch for details

Wednesday 9

Macau Branch Monthly Social
Contact Macau branch for details

Thursday 10

Singapore Branch Monthly Get-together
Contact Singapore branch for details

Thursday 17

Cambodia Members Monthly Get-Together

Thursday 17

Brisbane Chapter Monthly Get-together
Contact Brisbane Chapter for details

Tuesday 29

Adelaide Chapter Monthly Get-together
Contact Adelaide Chapter for details

Wednesday 30

Lighthouse Club International Construction Conference

Hong Kong Convention and Exhibition
Centre, Wan Chai, from 9.00am to 5.30pm

Wednesday 30

Myanmar Members Monthly Get-together



Thursday 31

Lighthouse Club International Construction Conference

Hong Kong Convention and Exhibition
Centre, Wan Chai, from 9.00am to 5.30pm

Thursday 31

Perth Chapter Monthly Get-Together
Terrace Hotel, 237 St. Georges Terrace,
Perth WA 6000, from 5.30pm to 7.30pm



June

Friday 1

Hong Kong Branch Monthly Get-together
Contact Hong Kong Branch for details

Saturday 2

Lighthouse Club International Annual General Meeting & Committee Meeting
Hong Kong, from 10.00am to 1.00pm

Saturday 2

Hong Kong Branch Annual Ball
Hong Kong Convention and Exhibition Centre, Wan Chai, from 6.30pm to 11.30pm

Thursday 7

Kuala Lumpur Branch Get-together
Havana Changkat Bukit Bintang, from 6.30pm to 9.30pm

Wednesday 13

Macau Branch Monthly Social
Contact Macau branch for details

Thursday 14

Singapore Branch Monthly Get-together
Contact Singapore branch for details

Thursday 21

Manila Branch Wine & Cheese Night
Contact Manila Branch for details

Thursday 21

Cambodia Members Monthly Get-Together

Thursday 21

Brisbane Chapter Monthly Get-together
Contact Brisbane Chapter for details

Tuesday 26

Adelaide Chapter Monthly Get-together
Contact Adelaide Chapter for details

Wednesday 27

Myanmar Members Monthly Get-together

Thursday 31

Perth Chapter Monthly Get-Together
Terrace Hotel, 237 St. Georges Terrace, Perth WA 6000, from 5.30pm to 7.30pm





HK\$300 per copy
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The Lighthouse Club Story

From its roots in the UK to its 30th Anniversary in Asia, this new book, with contributions from members both near and far, provides a sometimes light-hearted yet thought-provoking insight into the background of the construction industry networking and charity organisation.

- *Forewords by leading members of the construction industry in Hong Kong*
- *All proceeds go directly to the Lighthouse Club Benevolent Funds*

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Name: _____

I would like to order "The Lighthouse Club Story"

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- Payment may be made by cash, crossed cheque or bank transfer. Cheques payable to "The Lighthouse Club Asia Pacific Region". Bank account details and further information is available from info@lighthouseclubhk.com

- Mailing Address: Suite 1901-2, Hopewell Centre, 183 Queen's Road East, Wanchai, Hong Kong

Attn: Janey Rogers



ANNUAL CONSTRUCTION LAW CONFERENCE 2018



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COLLABORATION AND TECHNOLOGY IN CONSTRUCTION LAW & PRACTICE – WHERE TO NEXT?

12 September 2018, Hotel Fort Canning

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FEATURING 4 DISCUSSION TOPICS INCLUDING:

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RMD KWIKFORM HONG KONG
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RMD KWIKFORM PHILIPPINES
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RMD AUSTRALIA
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