

BERITA

SUNWAY®

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BUILDING A LEGACY FOR FUTURE GENERATIONS

For over four decades, Sunway Group has proven its resilience even in the toughest of times by maintaining a steady growth as one of Malaysia's leading property-construction conglomerates. At Sunway, we have structured our core businesses to be property and construction complemented by other synergistic components including Trading & Manufacturing, Quarrying, Building Materials, Healthcare, Education and five other sectors.

SARENA CHEAH

Managing Director, Property Development Division Sunway Berhad

Given our strong financial stability, this has also allowed us to pursue acquisition of land banks in good locations and at a reasonable price in preparation for future developments. As we pride ourselves as a Master Community Developer, we will continue to develop communities which are sustainable as we simultaneously grow the Sunway brand to newer heights.

To solidify our township offerings, Sunway Property recently announced the launching of RM1.6 billion worth of properties this year, with a target of RM1.4 billion in property sales across the region. The target is announced on the back of last year's RM1.2 billion in sales achieved for the property division of Sunway Berhad. Our current land bank stands at 3,304 acres, with a total GDV of RM47.7 billion and a development period up to 15 years.

To better cater to the international market given the growing medical tourism industry, we are embarking on the expansion of Sunway Medical Centre. Tower C is set to complete its

first phase with the opening of the new Cancer & Radiosurgery Centre and Nuclear Medicine Centre in August 2016, while the second phase in second quarter of 2017 will home a 10-level tower housing wards and consultation suites. This will set Sunway Medical Centre as one of the foremost private medical centres in the region with a total of about 600 beds, 170 consultation suites and 1,470 parking bays.

As one of the largest shopping mall owner-and-operators in Malaysia, we aim to double our portfolio of shopping malls from five malls to 10 malls by 2020. This will increase our space inventory from the current 4.5 million square feet of net lettable area, to 10 million square feet. Over the next few years, we will also see the expansion of Sunway Pyramid, that is Sunway Pyramid Phase 4; and malls in Sunway Iskandar in Johor; Paya Terubong, Penang; and an outlet mall within Lost World of Tambun in Ipoh, Perak.

Our construction arm, Sunway Construction Group Berhad which was listed on Bursa Malaysia last year has been growing steadily

following its strong track record in major infrastructure projects including LRT, MRT and BRT. More recently, Sunway Construction was awarded a RM1.21 billion contract from Mass Rapid Transit Corp Sdn Bhd to build a viaduct guideway and other associated works for the MRT Sungai Buloh-Serdang-Putrajaya Line. These mega projects will create a multiplier effect for other industries including opening up job opportunities, and in the long run, provide a base for the nation to flourish as part of Asia's growth story.

As the largest co-investor in all our developments, we take great pride in our Build-Own-Operate business model, that operates a fully integrated real estate value chain enabling us to ensure constant maintenance, improvement and value creation, towards the continued growth of our communities. I believe that with our repertoire of capabilities and skills, we are well positioned to take on challenges and opportunities in the marketplace and achieve our vision of becoming the leading regional property-construction conglomerate in Malaysia and the region.

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We look forward to hearing from you!

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SPLASHING TIMES WITH YOUR FAVOURITE CHARACTERS!

Discover Asia's first Nickelodeon-themed land set amidst lush tropical rainforest in Sunway Lagoon



Heads up, Nickelodeon fans – SpongeBob SquarePants, Dora the Explorer and the Teenage Mutant Ninja Turtles are now part of Sunway Lagoon's main attractions!

in reactive technology, daily signature slime event, a variety of waterslide rides, retail shops, food stalls, games and a lot more!

Nickelodeon Lost Lagoon is a major addition to the five existing parks at Sunway Lagoon including the Water Park, Amusement Park, Extreme Park, Wildlife Park and Scream Park – making it Malaysia's go-to place for thrills and fun.

Built with an investment of more than RM100 million, the 10-acre Nickelodeon Lost Lagoon is a joint venture between Sunway Group and Viacom International Media Networks (VIMN). The new park boasts 14 immersive attractions featuring the latest



Nickelodeon Lost Lagoon was officiated by Selangor Chief Minister, YAB Datuk Seri Mohamed Azmin Bin Ali, and witnessed by Sunway Group Founder and Chairman Tan Sri Dr. Jeffrey Cheah, AO; Sunway Group Deputy Chairman Tan Sri Datuk Seri Razman M. Hashim, and Mark Whitehead, Executive Vice President and Managing Director, VIMN Asia.

WHAT'S NEW, NICK?

A glimpse of Nickelodeon Lost Lagoon's major attractions.



SPONGEBOB SPLASH ADVENTURE



MOOLALAH ADVENTURE RIVER



MONSOON 360



JUNGLE FURY



KUBARANGO



WONDER-STEPS

For ticketing: Sunway Lagoon is open daily from 10am to 6pm. Admission is priced at RM150 for those aged 12 years and above, and RM120 for those below the age of 12 years.

For more information, visit www.sunwaylagoon.com

SUNWAY CONSTRUCTION NAMED BEST SOUTHEAST ASIAN IPO

Alpha Southeast Asia picks SunCon's IPO as region's best corporate-centric investment

A commitment to delivering value and excellence helped Sunway Construction (SunCon) garner another prestigious award – this time for being the “Best IPO for Retail Investors of the Year in Southeast Asia” at the 9th Annual Alpha Southeast Asia Deal & Solution Awards 2015.

Valued at RM398.7 million, SunCon's IPO listing on Bursa Malaysia was one of the largest in Malaysia in 2015, and the largest pure-play construction company on the local bourse.

The award comes as a timely validation for SunCon's promise to provide investors with valuable returns through sustainable growth, even as the construction

9TH ANNUAL DEAL AND SOLUTION AWARDS 2015



Mr Chung Soo Kiong, managing director of Sunway Construction Group Berhad receiving the award from Mr Siddiq Bazarwala, Publisher of Alpha Southeast Asia.

sector in Malaysia faces a challenging period.

The successful IPO was made possible with the enlistment of RHB Investment Bank, which acted as the sole principal adviser, joint global coordinator, joint bookrunner and joint underwriter; Maybank Investment Bank as the joint global coordinator, joint bookrunner and joint underwriter;

and HSBC as the joint bookrunner.

Organised by institutional investment magazine Alpha Southeast Asia, the awards aim to recognise the best corporate-centric investment and commercial banking solutions in the region, with over 200 deals and solutions considered for last year's awards.

NEVER TOO LATE TO LEARN

Sunway Construction employees prove that the sky's the limit when it comes to learning new skills

For four Sunway Construction employees, seniority, full-time job and family commitments were no impediments to continuous self-improvement as they receive their bachelor degrees at a recent graduation ceremony.

Chen Chee Keong, Loh Pui Ngan, Liong Chong Yee and Mau Che Pean were each awarded Degree of



Executive Bachelor in Construction Management after successfully going through the IPD OUM – MBAM Programme. The part-time students sacrificed their weekends and spent many late nights to learn about efficient and effective planning, coordination and management of projects – skills that will undoubtedly be invaluable in their daily roles.

In addition to obtaining his Bachelor's Degree, 55-year-old Mau Che Pean – who is General Manager at the Survey Department in SunCon – was awarded with The President Award of the year for outstanding performance in the programme, which included submission and presentation of an in-depth and well-researched paper project.

“I thank Open University Malaysia for developing effective programmes that are tailor-made for working adults looking to upgrade their qualifications, achieve a higher degree of professionalism and improve their future prospects,” said Mau.

“Learning is for life; there are always opportunities to improve our knowledge and capabilities. You're never too old to learn new things” he added.

The IPD OUM – MBAM Programme is jointly developed by The Master Builders Association Malaysia (MBAM) and the Institute of Professional Development of Open University Malaysia (IPD-OUM) with the aim of providing education, training and professional development through various courses for the construction industry.

Front row (from left): Ms Loh Pui Ngan, Mr Mau Che Pan, MBAM Vice President cum Education Committee Chairman Tan Sri Dato' Sri Suffri, Mr Liong Chong Yee.

Back row (from left): MBAM Manager Ms Zharraine Chang, MBAM Education Deputy Chairman & Programme Consultant Mr Andrew Ong and Mr Chen Chee Keong.

CULTIVATING THE NEXT GENERATION OF LEADERS

Center for Asia Leadership establishes regional office in Sunway



Great leaders are not born, but made. Successful leaders, regardless of the industry they are in, possess similar qualities – a willingness to lead and provide clear directions; the generosity to nurture and grow employees; empathy to make the right call that is in the best interest of all stakeholders. These skills are best learnt through real-life experiences.

It was this mission of giving emerging leaders the necessary experiential learning that the Asia Leadership Trek (ALT) was born. Organised by the Center for Asia Leadership (CAL), ALT takes the world's top students on a socioeconomic, political and cultural study tour across Asia to help them gain firsthand insights into the diverse continent.

In January 2016, CAL organised its eighth trek themed 'Thriving Asia: When is Asia Set to Become the World's Powerhouse?' involving 30 graduate students from the Harvard Kennedy School, Harvard Business School, Harvard Graduate School of Education, MIT Sloan School of Management and the Tufts Fletcher School of Law and Diplomacy.

The graduate scholars, or Trekkers as they are fondly known as, took a 27-day journey across five Asian countries, including China, Singapore, Malaysia, Cambodia and Bangladesh. Sunway Education Group had the privilege of hosting the group for the third year running. This is the result of a strengthened partnership between Harvard University and the Jeffrey Cheah Foundation (JCF). The latter owns and governs the 12 Sunway educational institutions known as Sunway Education Group. The partnership between Harvard and JCF, first formed in 2013, has since led to the set-up of two Jeffrey Cheah Professorships at Harvard, the Jeffrey Cheah Professorial Fellowship and the Jeffrey Cheah Travel Grants, and the Jeffrey Cheah Institute on Southeast Asia (JCI) in association with Sunway University.

LEARNING THROUGH EXPERIENCE: ASIA LEADERSHIP CONFERENCE

Coinciding with the Trekkers' presence in Malaysia was the Asia Leadership Conference, which was held at Sunway University and brought together 800 participants between the ages of 16 and 23 from across Malaysia to learn from inspiring local leaders.

Among them were Tan Sri Rafidah Aziz, Chairman of Supermax Corporation, Yang Amat Mulia Tunku Ali Redhaudin ibni Tunku Muhriz, Founding Trustee of Teach for Malaysia, and Tan Sri Ramon Navaratnam, Corporate Advisor of Sunway Group.

INSPIRING THE LEADER IN YOU: CAL'S THOUGHT-PROVOKING BOOKS ON SUCCESSFUL LEADERSHIP

In a related development, CAL launched three new publications – *Entrepreneurship and Economic Development in Asia*; *Finding the Leaders in Us: New Goals for Success and Redefining Success: Learning to Lead for Change* at Sunway University.

The books, launched by Tan Sri Dr. Jeffrey Cheah, AO, Founding Trustee of the Jeffrey Cheah Foundation, also marked CAL's official opening of its Asian regional office in Kuala Lumpur, Malaysia.

Talented human capital is the lifeblood to any growing economy.

Most importantly, we all want to serve our country and our people, to give them a better quality of living.

Mr. Samuel Kim, President of the Center, congratulated the book contributors for the role played to motivate others. "The publication is not the end, but the beginning of many great things to come. I hope you will continue to share your stories to inspire others to develop the necessary skills to be good citizens, and to join in the endeavour to bring a brighter future ahead," he said.

“ We want to groom capable future leaders, and we want them to be globally competitive. ”

TAN SRI DR JEFFREY CHEAH, AO
Founder and Chairman, Sunway Group



CULTIVATING LEADERSHIP

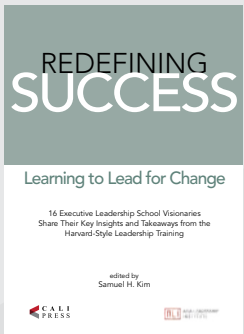
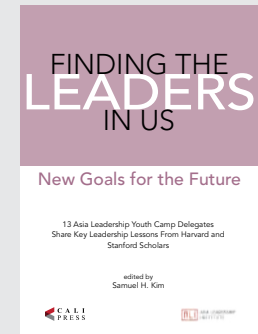
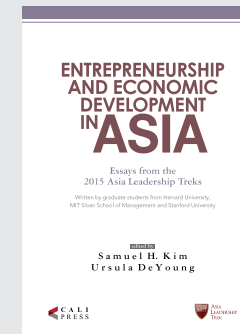
About the Center for Asia Leadership

The Center for Asia Leadership was established in Boston in 2014 by co-founders Samuel Kim and John Lim with a mission to address public needs and problems in Asia through research, development, training

DEEPER, RICHER INSIGHTS

Published by CALI Press, the publication arm of CAL, each book comprises essays written by CAL-related programme participants, who pocketed deeper

insights on what it means to be a leader in today's diverse, rich, and challenging Asian socio-economic and political context.



Entrepreneurship and Economic Development in Asia comprises seven essays by graduate scholars from Harvard, Stanford, MIT and Tufts University who participated in the 2015 Asia Leadership Treks, with each essay unravelling their understanding of contemporary Asia as they journeyed across different cities.

Finding the Leaders in Us: New Goals for New Success is a compilation of 13 essays written by participants of the 2015 Asia Leadership Youth Camp held in Kuala Lumpur, Malaysia; the 2015 Trilateral Leadership Summit organised in Sendai, Japan; and the Values into Action programme organised in Guangzhou, China. Each thoughtful essay is a reflection of what the youths of Asia are capable of as they become future leaders.

Redefining Success: Learning to Lead for Change is a compilation of essays from 16 delegates of the 2015 Executive Leadership School programme, with each essay a personal reflection on leadership, communication, and confidence-building.

and publication initiatives in the areas of leadership, entrepreneurship and education.

In October 2015, CAL's regional base was set up in Sunway Resort City, Malaysia, in collaboration with the Jeffrey Cheah Foundation, Malaysia's largest social enterprise. The collaboration promises vast opportunities for transfer of cutting-edge knowledge and

best practices between Asia and the West, as graduate students and professors from world-renowned institutions including Harvard and Stanford University, participate as part of the teaching faculty in many of CAL's multifaceted talent-development programmes.

For more information on CAL, visit asialeadership.org

FROM ABANDONED MINES TO WORLD-CLASS DESIGNS

Sunway's **Build-Own-Operate** model approach wins **Asia's Property Company of the Year 2015** title from World Finance.

Leading UK-based financial magazine World Finance has awarded Sunway Property with the Property Company of the Year 2015- Asia award in recognition of its outstanding standards in design, quality, innovation and sustainable practices.

The award is part of the publication's annual World Finance Real Estate Awards, which celebrates companies that maintain a strong presence within the industry. This award underscores Sunway Property's commitment to



delivering best quality and excellence as a master community developer.

Sunway adopts a unique Build-Own-Operate model in its integrated developments and townships of Sunway Resort City, Sunway City Ipoh and Sunway Iskandar spanning some 5,000 acres across Malaysia. These townships are envisioned as sustainable value-generating hubs where its communities can live, learn, work and play in a healthy, safe and well-connected environment.



MRMA WELCOMES NEW CHAIR

Sunway's Dato' Jeffrey Ng named Chairman of the Malaysian REIT Managers Association (MRMA).

The Malaysian REIT Managers Association (MRMA) announced a new executive council lineup at its AGM with Dato' Jeffrey Ng, CEO of Sunway REIT Management Sdn Bhd, taking over the reins from founding Chairman Dato' Stewart LaBrooy.

Dato' LaBrooy, in handing over the Chairmanship, said that he is confident that Dato' Ng, will continue to pursue the Association's objectives as he brings his valuable experiences as former Chairman of Real Estate & Housing Developers' Association Malaysia (REDHA).

Dato' Ng added: "As a collective voice of the association, we strive to continue to leverage MRMA's platform to proactively engage with various government ministries, Bursa Malaysia and Securities Commission Malaysia in regulatory matters as well as other areas affecting the M-REITs sector to further enhance the competitiveness of M-REITs in the region."

WHO ARE THE MRMA?

MRMA was officially established on the 21 May 2010 to represent the Malaysian REIT sector and to establish an environment for more

investments into high quality real estate in Malaysia. Among the MRMA's goals is to enhance the competitiveness of Malaysian REITs within the region and internationally in attracting capital to boost the growth of the Malaysian capital market.

There are 17 REITs in Malaysia with a total market capitalisation of RM37 billion as at 31 December 2015 that are currently listed under the SC Guidelines of the Real Estate Investment Trusts introduced in January 2005.

STAR-STRUCK

Sunway walked home with three awards at the StarProperty.my Awards 2016 for two of its prominent developments – Sunway Resort City and Sunway GEO – and a special 'The All-Star Award Top Ranked Developers of the Year'.

"As a Master Community Developer, we will continue our efforts to deliver our promises in building

more sustainable homes and liveable environments for the communities across different regions," said Tan Wee Bee, Deputy Managing Director, Property Development Division for Malaysia and Singapore, Sunway Berhad.

The Five Elements Development Award was awarded to Sunway Resort City for excellence in planning and management of

Sunway Berhad took home **three awards** at the **StarProperty.my Awards 2016**

five core elements – Security, Amenities, Connectivity, Ambience and Community – in a seamless fashion. Meanwhile, Sunway GEO was awarded 'The Just-Walk Development Award' for the exceptional way it plans for a wide selection of amenities within a walkable range, thus reducing carbon footprint and improving safety standards for its inhabitants.

Sunway also bagged The Star Media Group's 'The All-Star Award Top Ranked Developer of the Year', which was awarded to Sunway Property for its strong corporate social responsibility efforts in engaging, supporting and serving various communities within its developments as well as ensuring quality customer service from pre to post-sales.



Sunway Berhad took home three big wins at the StarProperty.my Awards 2016, namely The Five Elements Development Award, The Just-Walk Development Award and The All-Star Award Top Ranked Developer of the Year.

TAN SRI DR. JEFFREY CHEAH SHINES BRIGHT AT LUMINARY AWARDS

Sunway Group founder and chairman honoured with lifetime award by Channel NewsAsia



Tan Sri Dr Jeffrey Cheah with Chloe Cho, presenter and executive producer for Channel NewsAsia at a dialogue session

In a room filled with the best and brightest business minds in Asia, Tan Sri Dr. Jeffrey Cheah was bestowed with the Lifetime Achievement Luminary Award by Singapore-based Channel NewsAsia.

The award was presented at the Luminary Awards 2016 Gala Dinner held in Singapore, and represents the highest tribute by the news agency, which paid particular attention to his achievements and contributions to education and sustainable development.

"This year, the highest tribute of Lifetime Achievement Luminary Award is bestowed on Tan Sri Cheah for his distinguished success in business and his lifelong dedication to sustainable development and education, impacting and inspiring the

lives of many," MediaCorp Singapore said in a statement.

Indeed, much of Sunway's success today can be attributed to the core values of integrity, humility, and excellence – values that have grounded and informed Tan Sri Cheah's decisions to create a nurturing environment at home and in corporate life.

"I come from a very poor town, I've seen what poverty is like, and through education, that's the best thing you can give to anyone, to the young people," he said upon receiving the most prestigious award of the gala night.

Through the non-profit Jeffrey Cheah Foundation – which owns and governs the 12 educational institutions of the Sunway Education Group worth more than RM720

million (now in excess of RM1 billion), more than RM210 million worth of scholarships have been given to thousands of students to-date. He hopes to award more than RM1 billion in scholarships in his lifetime.

The Lifetime Achievement Luminary Award comes in addition to Tan Sri Cheah's recent bestowment of the Dayawati Modi Award for Art, Culture and Education in recognition of his philanthropic efforts and meritorious contribution to education.

He has also been named twice Forbes Asia Heroes of Philanthropy in 2009 and 2015 for his great magnanimity; and the Sin Chew Lifetime Achievement award in 2015 for serving as an inspiration to many budding entrepreneurs in the country.

USD10 MILLION BOOST FOR SUSTAINABLE DEVELOPMENT

A substantial gift by Jeffrey Cheah Foundation to establish the **Jeffrey D. Sachs Center on Sustainable Development** in Sunway University

In April, Sunway's efforts in promoting sustainable development achieved another milestone when the Jeffrey Cheah Foundation (JCF) contributed USD10 million to the United Nations Sustainable Development Solutions Network (SDSN) Association, which plays a key role in implementing the United Nation's Sustainable Development Goals (SDGs).

The gift – the largest financial commitment as of 2016 focused on SDG education since nearly 200 members of the UN adopted the 17 goals last September – will be used to set up the Jeffrey D. Sachs Center on Sustainable Development in Malaysia.

"This generous gift by Jeffrey Cheah will create and curate the world's best curriculum, academic, and executive programmes on sustainable development. Importantly, this partnership focuses on the development challenges in Southeast Asia and the best way to address them is by engaging young minds and directing their energies towards the complex challenges and opportunities of the SDGs", said Professor Jeffrey Sachs, Director of the United Nations Sustainable Development Solutions Network and Special Advisor to Secretary-General Ban Ki-moon of the United Nations.



Tan Sri Dr. Jeffrey Cheah, Founding Trustee of Jeffrey Cheah Foundation and Chancellor of Sunway University with Professor Jeffrey Sachs, Director of the United Nations Sustainable Development Solutions Network and Director of The Earth Institute at Columbia University.



Sunway University hosting the Jeffrey D. Sachs Center on Sustainable Development, which will be a hub for research and policy practice; the creation of training programmes for students, practitioners and policy leaders; and the development of linkages with universities in Malaysia and around the world.



The launch of a Masters in Sustainable Development Practice programme at Sunway University. The programme will be designed by the SDSN and the Sachs Center to be the flagship programme for sustainable development studies in the region.



A revision of the Global Masters in Development Practice curriculum to reflect the new challenges and opportunities of the SDG era (2016-2030), while keeping the curriculum current, and increase participation from universities (including Sunway) around the world.

The collaboration between the JCF and SDSN will result in:



Support for core sustainable development activities of the SDSN Secretariat, including the development of new SDSN tools.



The development of a full Program on Sustainable Development through its flagship online education initiative: SDSNedu. Under this partnership, up to ten additional Massive Open Online Courses (MOOCs) will be developed by global leaders in sustainable development and made available to the public and universities to integrate into their sustainable development programmes.



The publication of up to ten textbooks by SDSN and Sunway University that are focused on SDGs, creating a global library of academic and reference books and case studies aligned with a comprehensive SDG curriculum.

PRECISION MEDICINE: PREPARING FOR A REVOLUTION

The first **International Symposium on Precision Medicine** held in Malaysia gave eye-opening insights into the future of medical care.



Hitherto, most medical treatments have been designed around a "one-size-fits-all" model that aims to provide treatment for large numbers of patients. While that approach has saved countless lives, it would be impossible to expect that a particular treatment would always work in the same way on each individual, given the variation in the human genome and the wide differences in lifestyle. Ideally, medical diagnosis and treatment should be targeted to individuals, or small groups of patients, to increase efficacy and minimise side-effects.

Given the present limitations, it is little wonder that Precision

Medicine – the tailoring of medical treatment to individual genetic, environmental and lifestyle characteristics – is being heralded as a key driver in the future of medicine. Much of it is enabled by 21st century advancements in data-gathering tools, genetic profiling, and computing algorithms that determine the best treatment for individual patients.

With the interest in Sunway Medical Centre being at the forefront in medical diagnosis and treatment, together with the medical and biological research that is being carried out in the Jeffrey Cheah School of Medicine and Health Sciences and Sunway University, Professor

John Todd FRS, Jeffrey Cheah Professorial Fellow and Professor of Medical Genetics in the University of Cambridge, was invited to advise on how the Jeffrey Cheah Foundation might initiate discussions in Malaysia on potential breakthroughs in medical diagnosis and treatment.

Professor Todd was the chair of the international organising while Vice-Chancellor of Sunway University Professor Graeme Wilkinson chaired the local organising committee. The Symposium was hosted by Sunway University, Sunway Medical Centre and the Jeffrey Cheah School of Medicine and Health Sciences. The Jeffrey Cheah Foundation generously

provided funding to support the Symposium and to allow as many people as possible to attend the Symposium.

The two-day symposium featured distinguished experts in the areas of precision and personalised medicine from University of Cambridge, University of Oxford, Harvard University, and other institutions who presented how Precision Medicine has impacted emerging healthcare issues – particularly in diabetes, cancer and other age-related illnesses – as well as the challenges they face in championing the radical approach.



Harvard University



Gonville & Caius College Cambridge



UNIVERSITY OF CAMBRIDGE



Brasenose College UNIVERSITY OF OXFORD



UNIVERSITY OF OXFORD

SYMPOSIUM SPEAKERS AND THEIR TOPICS



Prof Patrick Maxwell
Regius Professor of Physic and Head of the School of Clinical Medicine, University of Cambridge

Topic: Renal Disease in the Precision Medicine Era



Prof John Todd
Jeffrey Cheah Professorial Fellow, Gonville & Caius College and Professor Medical Genetics, University of Cambridge

Topic: Towards Precision Medicine in the Autoimmune Disease Type 1 Diabetes



Prof Khaw Kay-Tee, CBE
Jeffrey Cheah Professorial Fellow, Gonville & Caius College; Professor of Clinical Gerontology, University of Cambridge

Topic: Precision Medicine: A Population Perspective



Prof William James
Jeffrey Cheah Professorial Fellow, Brasenose College and Professor of Virology, University of Oxford

Topic: The Stem Cell Editing Revolution: From Population Studies of Immunodeficiency and Neurodegeneration to Precision Intervention, Using Induced Pluripotency and Crispr/Cas9 Methods



Prof Gillies McKenna
Head of the Department of Oncology; Director, Oxford Institute for Radiation Oncology, University of Oxford

Topic: Personalised Healthcare and Precision Treatment



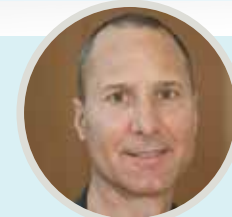
Dr Mark Boguski
Chief Medical Officer, Precision Medicine Network; Faculty Member, Harvard Medical School

Topic: Precision Diagnosis for Precision Medicine: Case Studies in Knowledge Visualization and Decision Support



Prof David Goldstein
Professor of Genetics and Genomic Medicine, Columbia University, New York

Topic: Toward Precision Medicine in Neurological Disease



Prof Nicholas Schork
Professor and Director, Human Biology, J. Craig Venter Institute (JCVI)

Topic: Enabling, Implementing & Vetting Personalized Medicine: Issues and Strategies



Prof Dennis Lo Yuk-Ming FRS
Director of the Li Ka Shing Institute of Health Sciences and Professor of Chemical Pathology, Chinese University of Hong Kong

Topic: Non-invasive Prenatal Testing: From Dream to Reality



Prof Mark McCarthy
Robert Turner Professor of Diabetes Medicine; University of Oxford

Topic: From p-values to Proteins: Biological Insights and Translational Opportunities from Genetics and Genomics of Type 2 Diabetes

What is PM?

Precision medicine is an emerging approach for disease treatment and prevention that takes into account individual variability in genes, environment, and lifestyle for each person. Through PM, clinicians are provided with tools to better understand the complex mechanisms underlying a patient's health, disease or condition, and to better predict which treatments will be most effective.

Why is PM trending now?

PM is rapidly improving now because of the wide availability of health data-gathering tools, advancements in Electronic Health Record (EHR) systems, and computational power to algorithmically process health data.

IBM's supercomputer Watson, for example, is used by cancer clinics in the US and Canada to process troves of data from clinical trials and approved drugs to pinpoint the best medication for treating specific mutations that causes cancer growth.

WHAT YOU NEED TO KNOW ABOUT PRECISION MEDICINE (PM)

Here are some of the key points of what was learned during the symposium.

The development of PM is being accelerated across the world.

In January last year, President Barack Obama unveiled the Precision Medicine Initiative in the US, and backed it with US\$215 million, while the UK Government has provided £50 million to fund the University of Cambridge-based Catapult Programme in Precision Medicine. And in China, academic institutions have been setting up precision-medicine centres in the anticipation of a US\$9.2 billion budget allocation by the Chinese government over the next 15 years.

The Challenges

PM has many ethical, social, and legal issues to overcome before it becomes standard medical practice. For instance, should the algorithm that determines a cancer drug treatment be open to public scrutiny, or be treated as private intellectual property? Careful and complex genetic analyses also require time – sometimes months or even years – which cancer patients cannot afford, thus requiring affordable, efficient, and accurate molecular tests.

What PM means for the future of medicine

There is little doubt that PM will play a key role in shaping the future of medicine, leading to improved approaches to preventing, diagnosing, and treating a wide range of diseases.

The wider availability and access for doctors to use patients' genetic and other molecular information will also lead to exponential improvements in the research and treatment of highly variable diseases such as cancer.

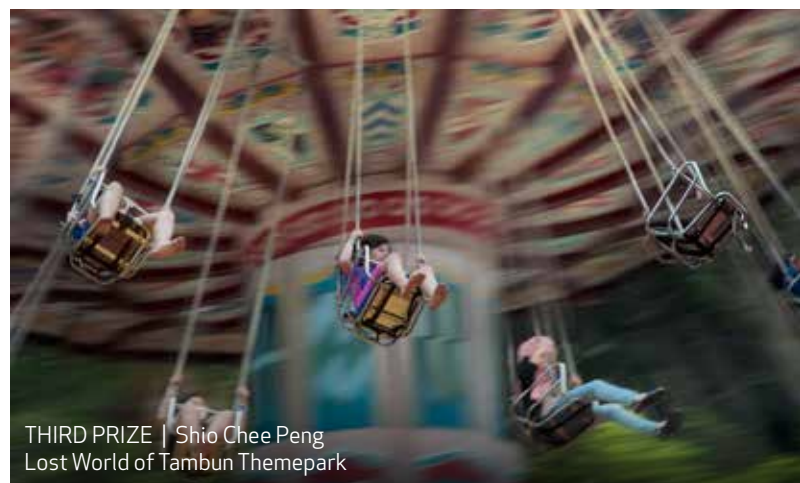
SUNWAY COMMUNITIES



GRAND PRIZE & FIRST PRIZE
Chen Soon Ling
Nickelodeon Lost Lagoon, Sunway Lagoon



SECOND PRIZE | Sidney Saw Lee Teng
Lost World of Tambun Hot Springs



THIRD PRIZE | Shio Chee Peng
Lost World of Tambun Themepark

SUNWAY LANDSCAPES



FIRST PRIZE | Wong Wing Chung
The Banjaran Hot Springs Retreat



SECOND PRIZE | Wong Wai Sun
The Banjaran Hot Springs Retreat



THIRD PRIZE | Chai Tak Sun
Sunway Pyramid

SUNWAY ARCHITECTURE



FIRST PRIZE | Boo Kean Siong
Sunway University



SECOND PRIZE | Syamil Rasli
Sunway Pyramid



THIRD PRIZE | Ng Wei Chean
Link Bridge between Menara Sunway
and The Pinnacle Sunway

SUNWAY CULTURE & FESTIVALS



FIRST PRIZE | Lin Kuw Ming
Sunway Pyramid



SECOND PRIZE | Yong Yoong Hiong
Sunway Pyramid.
Sunway Pyramid Ice



THIRD PRIZE | Sidney Saw Lee Teng
Lost World of Tambun



CAPTURING LIFE'S BEST MOMENTS

The competition called photographers across the country to capture unique and awesome snapshots of **architecture, communities, landscapes** and **culture & festivals** in Sunway's three townships, with winners taking home over **RM100,000** worth of prizes.

Main organiser



Co-organiser



In collaboration with



Find out what they won at <https://www.sunway.com.my/photography>

A PRINCE AMONG MEN

Mohamad Rahman bin Iman Hussein may only be 21, but beneath that wiry frame lies a character built on strength and determination to succeed despite an impoverished background.

MEETING Mohamad Rahman bin Iman Hussein, known fondly as Prince, the recipient of the Jeffrey Cheah Foundation- Monash Equity Scholarship, one could not possibly imagine the hardships he faced growing up in impoverished conditions.

Exuding self-confidence and an outgoing personality, the lanky 21-year-old Prince counts himself blessed to be able to pursue his dream of furthering his studies at Monash University Malaysia. Born in Penang in 1995, Prince spent his early childhood living in a shipping container at a construction site with his family because they could not afford to stay elsewhere.

"It was extremely hot during the day but very cold at nights. Behind the row of containers where we lived, there was a pond where my father and I would fish

for food. We didn't have to go to the market for fish because we would catch our dinner and cook it," he says proudly.

As Rohingya refugees from Myanmar, Prince's parents had to work hard to make ends meet for their five children, and knew that education was the key to breaking their cycle of poverty.

Despite having a stable job as a contractor, Prince's father decided to move the family to Kuala Lumpur in search of better education opportunities for their children. The first year in KL was a tough transition for the family, as jobs were hard to come by.

"My father was jobless for a year and we had to rely on friends for help. When my parents got a job at a nut factory in Segambut, they worked double shifts, up to 17 hours a day just so they could provide for us," he says.

“My parents always told me that challenges are to be expected, especially since they were refugees.”

RISING ABOVE DISCRIMINATION

Even at a young age, Prince understood what it meant to be discriminated against – he was constantly bullied at his religious school for being dark skinned.

"They would call me 'keling' and not let me join in any of their games. But my parents always told me that challenges are to be expected, especially since they were refugees," he says.

His life took a turn for the better when he enrolled into Harvest Centre (currently known as Dignity for Children Foundation) in 2006. The non-profit organisation started providing tuition classes for underprivileged and refugee children in Sentul in 1999.

Under the tutelage of his teachers – mostly American volunteers from the US – Prince, who barely spoke a word of English when he joined Dignity at 11 years of age, mastered and could speak the language fluently in two years.

"I never would have imagined being part of an English-speaking community as I grew up with mostly Indian and Malay boys in my neighbourhood. I struggled in the first few years but eventually, I learnt by listening and watching people's body language as they spoke. Dignity [for Children Foundation] was truly my platform of opportunities. It really moulded me as a person," he says.

It was also at Dignity for Children Foundation where Prince developed self-confidence and honed his public speaking skills, as he was given many opportunities to emcee events and perform in front of large audiences.

Upon completing his Sijil Pelajaran Malaysia (SPM) as a private candidate, Prince took a gap year to teach the underprivileged children in his community. "I figured that if I could be transformed through education, why can't I touch their lives through teaching? The children were just as lost as I was before I received education," he says. In addition to teaching needy children for free, he also taught Mathematics and Additional Mathematics to other students for pocket money.

AN UNEXPECTED JOURNEY

“You can achieve your dreams if you really, really want it badly.”

A year later, he signed up for the South Australian Matriculation (SAM) programme at Taylor's College, which he graduated from with an ATAR (Australian Tertiary Admission Rank) score of 70.75.

After that, Prince had set his sights on enrolling into Monash University Malaysia, but once again, he doubted his chances of being admitted into the Bachelor of Business and Commerce programme – especially when he saw the tuition fees for the three-year course.

At that time, Prince was helping his father to collect scrap metal and old car batteries to resell for income. His father had injured his back so he could not take on his usual odd jobs as an electrician, blacksmith, plumber and contractor, while his mother could only earn so much from the small food stall outside their rented house.

Seeing his predicament, Prince's mentor Petrina advised him to apply for scholarships online. Taking a chance, Prince applied for the Jeffrey Cheah Foundation Equity Scholarship. As Monash University Malaysia is jointly owned and governed by the Jeffrey Cheah Foundation, and Monash University, this was a natural first port of call in his search for scholarships.

Just three days before the Orientation Day, he was called for an interview with the Scholarship Board. "As one of the 15 candidates shortlisted for the scholarship, I was so nervous before my turn. But when the four members of the Board asked me to tell them about my background, I felt relieved and just answered them. I don't

usually share my story with others apart from those I trust, but the scholarship was something I really wanted so I did not hesitate," he says.

Four days before the programme commenced, Prince received an unexpected call from Monash University Malaysia – he had been selected as the recipient of the Jeffrey Cheah Foundation Equity Scholarships for the February 2016 intake, in line with the Jeffrey Cheah Foundation's commitment to enriching lives of all deserving through quality education, regardless of background.

"Never in my wildest dreams did I expect that I could end up studying at Monash. For me, it was like being given the chance to study in Harvard. This opportunity proves that no matter what race or financial background you are from, you can achieve your dreams if you really, really want it badly. You just need to seize the opportunity," he says, adding that he is thankful to his mentors for having faith in him.

When asked about his future plans at Monash Malaysia, Prince says he will likely pursue Marketing as his major, as he loves interacting with people. "I also want to do some volunteering on campus but I think that's about it for now, as I better focus on my studies as I'm on scholarship," he says with a smile.

“Never in my wildest dreams did I expect that I could end up studying at Monash.”

The Jeffrey Cheah Foundation Equity Scholarship is awarded to financially deserving students. The scholarship covers 100% tuition fees, together with a stipend of RM700 per month with accommodation at Sunway Monash Residence or a stipend of RM1,300 per month without accommodation.

READY FOR LAUNCH: A BRILLIANT 2016 AWAITS

We highlight **Sunway Property's** promising launches across the country this year



Artist's impression of Sunway Velocity



Ambition and sustainable growth are the hallmarks of any successful company, more so with Sunway Berhad, whose property division will launch RM1.6 billion worth of properties in the region this year, with a target of RM1.4 billion in property sales – RM200 million more than the sales achieved last year.

In addition to the property launches, RM2.3 billion investment properties are currently under construction to solidify its positioning as a Master Community Developer.

"We will move cautiously and steadily ahead, and continue to develop and invest in our communities across the country," said Sarena Cheah, Managing Director, Property Development Division, Malaysia and Singapore, Sunway Berhad.

"As a long term developer, we will continue to look out for new strategic landbank, and new JV opportunities with partners who share our philosophy of developing communities which are sustainable and liveable," she added.

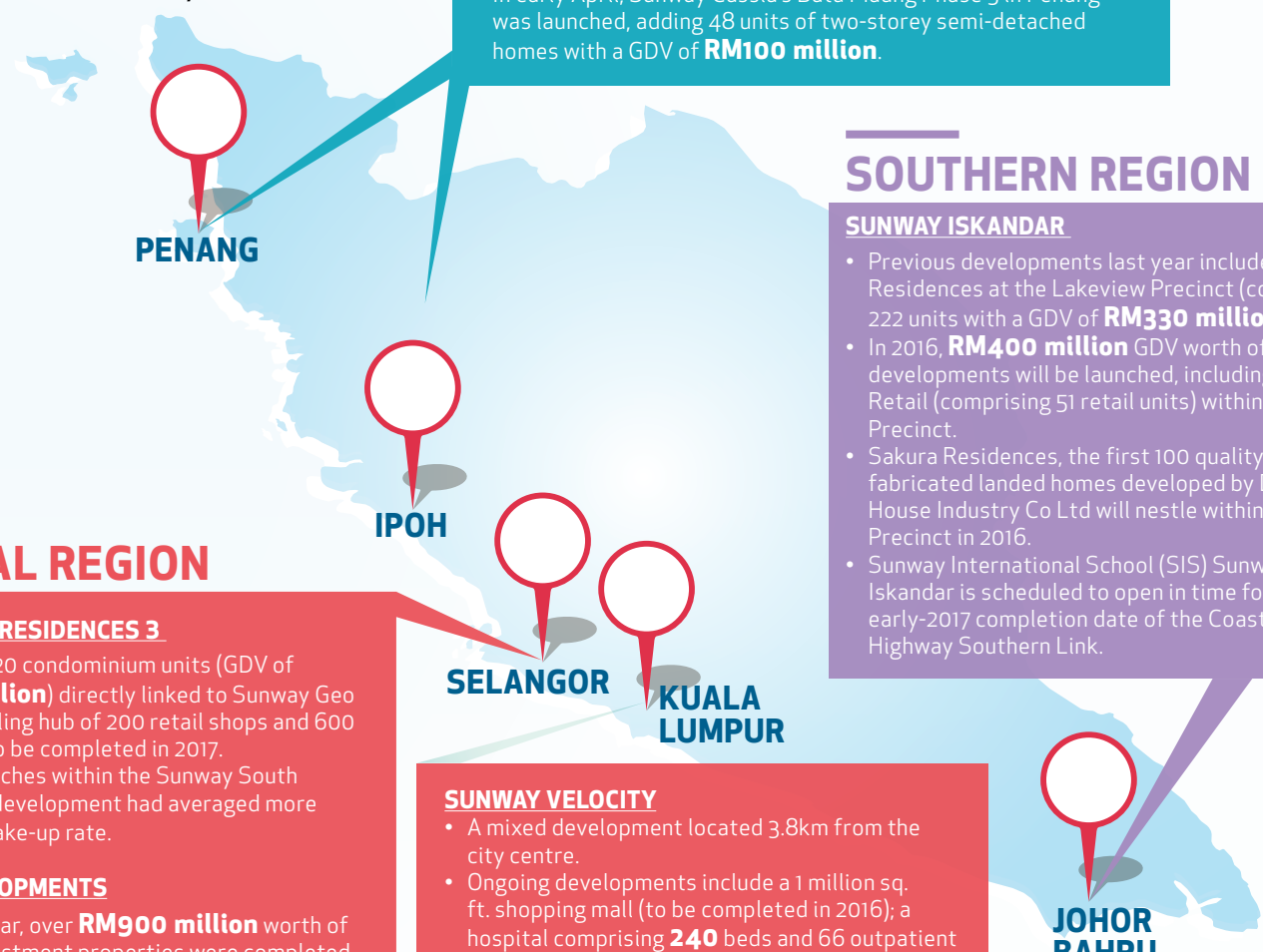
A LOOK BACK AT 2015

Despite growing uncertainties that arose in the property market last year, Sunway showed a strong commitment to growth, with buyers placing their trust in Sunway's Build-Own-Operate model. Over the last quarter of 2015, Sunway Property had launched:

- **34** retail units in Sunway Gandaria, Bangi (95% sold at starting prices of RM1 million)
- **64** units of shop-offices in Sunway Velocity, Cheras (90% sold at starting prices of RM1.9 million)
- **60** units of 2-storey cluster homes and **28** units of 2-storey super link homes in Serene Villas, Ipoh (60% sold at starting prices of RM925,000 for 2-storey cluster homes and RM773,000 for super link homes)
- **88** retail units in Emerald Boulevard, Medini, Iskandar (75% sold at starting prices of RM1.5 million)

LOOKING FORWARD TO 2016

We take a closer look at the **key figures** of Sunway's developments this year.



NORTHERN REGION

SUNWAY CITY IPOH

- The Lost World Residences, comprising **262 units** of serviced apartments worth **RM100 million** will be launched in 2016.
- Additional **20 new villas** will be built in The Banjaran Hotsprings Retreat, bringing the total number of luxury villas to 45 by 2017.

SUNWAY CASSIA BATU MAUNG PHASE 3

- In early April, Sunway Cassia's Batu Maung Phase 3 in Penang was launched, adding 48 units of two-storey semi-detached homes with a GDV of **RM100 million**.

SOUTHERN REGION

SUNWAY ISKANDAR

- Previous developments last year included Emerald Residences at the Lakeview Precinct (comprising 222 units with a GDV of **RM330 million**).
- In 2016, **RM400 million** GDV worth of mixed developments will be launched, including Citrine Retail (comprising 51 retail units) within Lakeview Precinct.
- Sakura Residences, the first 100 quality pre-fabricated landed homes developed by Daiwa House Industry Co Ltd will nestle within Parkview Precinct in 2016.
- Sunway International School (SIS) Sunway Iskandar is scheduled to open in time for the early-2017 completion date of the Coastal Highway Southern Link.

CENTRAL REGION

SUNWAY GEO RESIDENCES 3

- Comprises 420 condominium units (GDV of **RM400 million**) directly linked to Sunway Geo Retail, a bustling hub of 200 retail shops and 600 offices due to be completed in 2017.
- Previous launches within the Sunway South Quay-based development had averaged more than **90%** take-up rate.

OTHER DEVELOPMENTS

- In the past year, over **RM900 million** worth of property investment properties were completed in the area, including the Sunway University academic block, the 27-storey Pyramid Tower West, and Nickelodeon Lost Lagoon.
- Sunway Medical Phase 3 – comprising **245** beds, an oncology centre and **70** medical suites – is also being developed at a cost of **RM200 million**.
- A future residential project with a total GDV of **RM1.8 billion** is planned for a 17-acre plot of land in Kelana Jaya.
- A 6.35-acre land in Kg Subang was acquired through a joint venture vehicle for a proposed development of 45 terrace industrial units and another 4.8 acres of freehold industrial land in the Sungai Way Free Industrial Zone, Kelana Jaya. The developments fetch a combined GDV of **RM200 million**.

SUNWAY VELOCITY

- A mixed development located 3.8km from the city centre.
- Ongoing developments include a 1 million sq. ft. shopping mall (to be completed in 2016); a hospital comprising **240** beds and 66 outpatient specialist clinics (to be completed in 2018); and a hotel comprising **350** rooms (to be completed in 2017).
- A new block of office suites with a GDV of **RM200 million** is due to be launched in the second half of the year.

BROOK RESIDENCES, MONT KIARA

- Comprises **288** condominium units with a GDV of **RM200 million**.

SUNWAY GANDARIA RESIDENCES, BANGI

- Comprises **259** units housed in a 38-storey tower in Sunway Gandaria, with a GDV of **RM200 million**.
- The mixed development project has been well-received, with a **95%** take-up rate for the 34 retail units launched in January.

A Better, Smarter Way of Treating Cancer: HOW IMAGE-GUIDED ADAPTIVE RADIOTHERAPY CAN SAVE MORE LIVES

We take a look at the benefits of Sunway Medical Centre's new Image-Guided Adaptive Radiotherapy system

As one of the country's top private medical centres, Sunway Medical Centre (SunMed) constantly acquires new medical equipment and implements better treatment methodologies. One such example is the recently acquired Image-Guided Adaptive Radiotherapy equipment, which will remarkably improve current radiotherapy treatment standards to be more effective, and comfortable for the patient.

employs multiple X-ray scans to identify tumours in the body, is typically taken the day before the radiotherapy dose is administered. This method may fall short in accurately determining the radiation dosage, as the size and position of the tumour and the normal organs may change during the course of radiotherapy.

HOW IMAGE-GUIDED RADIOTHERAPY IMPROVES THE ACCURACY OF THE DOSAGE REQUIRED

To compensate for the deviations, image-guided radiotherapy has been integrated to the radiotherapy machine. One example of imaged-guided radiotherapy is cone beam computed tomography (CBCT), which provides fast and accurate visualisation of bony anatomical structures in three dimensions.

We take a closer look at how it works to optimise radiotherapy and radiosurgery by delivering powerful cancer treatments with pinpoint accuracy and precision.

THE SHORTCOMINGS OF COMPUTED TOMOGRAPHY (CT) SCANS

Conventional CT scanning, which

WHAT IS ADAPTIVE RADIOTHERAPY (ART)?

Better visualisation in turn allows for adaptive radiotherapy, which, as its name suggests, is a radiation treatment plan that adapts to the changing size and position of the tumour during the course of radiotherapy. Different image-guided adaptive strategies will be introduced at SunMed. They are:

Motion-based ART: Four-dimensional CT planning and daily in-room scanning takes images that

not only capture the location of the tumour, but also its movement and the movement of organs over time. With this information, a decision can then be made to change the planned dose, if required.

Online adaptive radiation plan: Radiation treatment plan is altered during a treatment session to account for the size of the tumour, or the changing nature of the tumour. This is opposed to offline ART, wherein re-planning is made while the patient is off the treatment table.

Dose-based ART: This form of therapy requires information from the delivered fractional doses. The feedback from these fractional doses will be captured by CBCT scans, after which the plan can be adjusted to obtain an optimal dose distribution. Dose-based ART is more complex but more effective than geometry-based ART, wherein the feedback from treatment takes form of geometric measurements.

Inverse ART: A method often used in the treatment of rectal and bladder cancers, whereby a CBCT scan of rectal and bladder volume is taken prior to treatment. These images are compared with the CT contours taken during the initial planning stages. If the bladder volume taken during the CBCT scan is less than the contoured bladder, the patient is taken off the treatment couch and asked to drink water to fill the bladder again before treatment can commence.



The Varian TrueBeam™ STx system



Artist's impression of Sunway Medical Centre's Tower C

Sunway Group is embarking on the expansion of Sunway Medical Centre.

The new building, Tower C, will be located next to the existing hospital building, and is set to complete its first phase in August 2016.

In the second phase, targeted for completion in the second quarter of 2017, will include an addition of 10-storey new tower.

This new expansion will consist of ambulatory clinical care services and new facilities such as radiotherapy, nuclear medicine, oncology day ward, and more.

This will set SunMed as one of the foremost private medical centres in the region with:



600 beds
(1,100 beds after future expansions)



170 consultation suites



1,470 parking bays

GROUNDBREAKING MOVES

Sunway Group takes a bold leap by investing **RM875 million** in its bid to capture a larger share of a growing hospitality market across the region.



With its multi-cultural charms and natural wonders, Southeast Asia has a growing travel and tourism sector that has received an estimated US\$123.9 billion worth of direct contribution to GDP in 2015*.

In a bid to capture the lucrative tourism market in the region, Sunway Hotels & Resorts, the hospitality division of Sunway Group, announced an investment of RM875 million into a three-year

RM530 million of the total sum has been allocated for new investment assets, with RM345 million for refurbishment and expansion of existing assets in a plan that commenced in the first quarter of 2016, with completion targeted for the second quarter of 2018.

"This substantial reinvestment is the largest expansion plan for the Sunway Group's hospitality division in recent years. We are looking to support the region's increasingly



robust business exchange, corporate travel and leisure tourist markets," said Sarena Cheah, Managing Director, Property Development Division – Malaysia and Singapore.

Albert Cheong, CEO and Group General Manager of Sunway Hotels & Resorts said, "Reinvention and innovation of our businesses has been the core principal of the Group, and we are pleased to continue developing the type of engaging products and services that our guests and business partners have come to anticipate and expect. The hospitality division has drawn on substantive data and consumer insights for the preparation of the refurbishment and upgrading programmes."

"The hospitality division will have about 3,500 rooms in Southeast Asia with approximately 3,200 rooms located in Malaysia by 2018 – where 80% of these are within our integrated townships and mixed developments in Malaysia," Sarena added.

Upon the completion of all expansion plans in 2018, the Sunway Group will own and operate a total of 11 hotels, nine of which are in Malaysia.

Source: *Travel & Tourism, Economic Impact 2015 South East Asia by World Travel & Tourism Council*

1. Artist's impression of Sunway Pyramid Hotel East family suite.
2. Artist's impression of Sunway Pyramid Hotel West Superior Executive Park King.

CHECK-IN AT THE WEST

Sunway Pyramid Hotel West – Features & Facilities:

ROOMS WITH UNIMPEDED VIEWS

The 26-storey hotel features 401 rooms with two distinct room categories; the 29-square metre Superior Rooms and the 32-square metre Superior Executive Rooms. Guestrooms come with options of views of the theme park or the unimpeded city skyline. On a very clear day, you can see Kuala Lumpur city skyline. Best Available Rates start from RM420++ per room per night and available at www.sunwayhotels.com

ON-THE-GO

Sunway Pyramid Hotel West comes with amenities that every modern traveller requires, including complimentary Wi-Fi and wired broadband internet access, USB charger outlets, 42-inch LED Smart TV, flexible workspaces, high pressure walk-in rain shower, and in-room electronic safe box.



CONNECTED FOR CONVENIENCE

Located in an integrated development means having walkable access to everything you need for business and leisure, including Sunway Lagoon theme park, Sunway Pyramid Convention Centre and the flagship Sunway Resort Hotel & Spa. It also adjoins Sunway Pyramid Shopping Mall's newest 3-storey retail expansion, where hotel guests can look forward to more food and beverage offerings.

WORK & PLAY ALL THE WAY

There is something for everyone at Sunway Pyramid Hotel West. Five function rooms provide every reason for onsite meeting or brainstorm sessions. The hotel's Café West stirs an appetite for you with excellent buffet and a la carte specialities; work-up a sweat at the fitness centre, or chill-out at the outdoor swimming pool with stunning views of the theme park.

SUNWAY HOSPITALITY DIVISION'S EXPANSION PLANS

SUNWAY PYRAMID HOTEL WEST

Located in the heart of Sunway Resort City, the 401-room hotel opened in February 2016 and was built at a gross development cost of RM380 million. The 4-star hotel is the largest asset investment in the hospitality division's three-year plan (See next page for more information).

SUNWAY VELOCITY HOTEL

Slated to open in the third quarter of 2017, the RM150 million, 4-star hotel will have 351 rooms and will further boost the appeal of Sunway Velocity, a 23-acre integrated development built just minutes away from downtown Kuala Lumpur.

SUNWAY PYRAMID HOTEL EAST

Come the first quarter of 2017, Sunway Pyramid Hotel East will open its doors again after a RM125 million refurbishment work that will transform it into a 564-room deluxe category 4-star hotel.

OTHER DEVELOPMENTS

Other hotel properties to undergo refurbishment and/or expansion works include:

- Sunway Resort Hotel & Spa
- Sunway Pyramid Convention Centre
- The Banjaran Hotsprings Retreat
- Sunway Hotel Phnom Penh
- Sunway Hotel Hanoi

PRINCELY COMFORT

Sunway Putra Hotel's New Club Lounge Rises To A Higher Level



The Club Lounge

Exceptional vistas of the city's skyline welcome guests throughout the day at the new Club Lounge in Sunway Putra Hotel in Kuala Lumpur. Located on level 34, the 381-square metre Club Lounge was purposefully-designed for guests seeking that added comfort, privacy and exclusivity; with facilities and intuitive services catering to business executives and leisure travellers on-the-go.

The new Club Lounge features a dedicated lounge and dining areas; and a fully-equipped executive boardroom. Catch a glimpse of the city's iconic landmarks from here, with Petronas Twin Towers (KLCC) and the KL Tower in the near distance.

For more information, visit www.sunwayhotels.com

THOUGHT LEADERSHIP

How the **Asian Strategy & Leadership Institute** came to play a pivotal role in shaping Asia's expanding role in global leadership



A man who does not plan long ahead will find trouble at his door," was one of Confucius's sage sayings, and it remains relevant today as it was centuries ago. Indeed, if history had taught us anything, it is that societies that think beyond tomorrow, and beyond their own

borders, will thrive in the long run. It was with the mission of creating a better society that the Asian Strategy & Leadership Institute (ASLI) was formed in 1993 to be Malaysia's leading independent private think tank. Through ASLI, governments, businesses and the diplomatic community were provided with trusted insights

through a series of initiatives including bilateral business councils, the Centre for Public Policy Studies, and consulting services.

Led by its Chairman and Co-Founder Tan Sri Dr. Jeffrey Cheah and Tan Sri Dato' Dr. Michael Yeoh as its CEO, with Board of Directors

comprising Sunway's senior management team- Tan Sri Razman M. Hashim; Dato' Chew Chee Kin; Tan Sri Ramon Navaratnam and Puan Sri Susan Cheah, ASLI has grown in stature and influence – particularly now, as Asia steps into a leading role in shaping the future of global economics and policy.

1. Founding President of IDEAS YAM Tunku Zain Al-Abidin ibni Tuanku Muhriz, Sultan Perak Darul Ridzuan HRH Sultan Nazrin Muizzuddin Shan, ASLI Chairman Tan Sri Dr. Jeffrey Cheah, Former Prime Minister of Pakistan H.E. Shaukat Aziz and Director of ASLI Tan Sri Ramon Navaratnam at the 7th World Chinese Economic Summit (WCES) hosted by ASLI.
2. The Axiata 12th ASEAN Leadership Forum is an annual series organised by ASLI.

2016 EVENT HIGHLIGHTS

ASLI has created various discussion platforms through conferences and forums. Here is a snapshot of what was carried out in 2016.

• ASEAN MICROFINANCE CONFERENCE

Understanding risk management of microfinancing, implementing online crowd-funding strategies, and helping low-income groups gain access to micro-lending facilities.

• THE 18TH MALAYSIA STRATEGIC OUTLOOK CONFERENCE

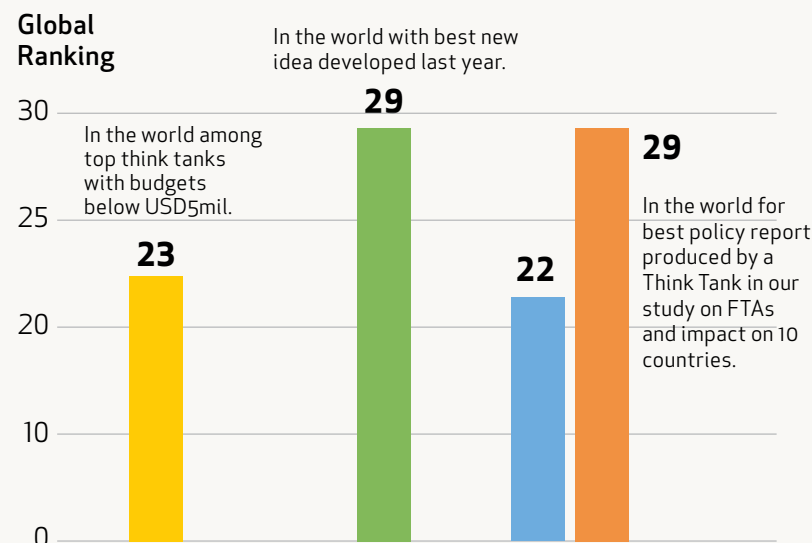
Annual conference that brings in the country's thinkers and leaders to assess key trends, strategic challenges and critical issues facing the nation in the coming year.

• GREATER KL AND SMART CITY SUMMIT

This summit brought together key figures of urban development – from city mayors to heads of infrastructure development, and property developers – to share new insights on ICT, urban planning, and sustainability in promoting the development of smart cities.

ACHIEVEMENTS IN NUMBERS

Since its inception, ASLI has grown to become one of the world's most influential private think tanks. Here's a snapshot of its global rankings:



*According to the 2015 Global Go to Think Tank Survey Report released in 2016.

ENRICHING LIVES

A look at **Sunway's initiatives** towards making happier, more fulfilling lives

A place is not a home until it is filled with happiness. Creating happiness, however, is more than just a brochure promise – it is the result of careful infrastructure planning, close partnerships, and sustained care for the community and environment.

We take a look at some key figures that Sunway, through its various initiatives, has achieved the goal of creating a happy place for its communities, and future generations.

SAFE CITY INITIATIVES

RM3 million

Sunway's investment in a **new police station**, a key product of a 15-year partnership with the Royal Malaysian Police, Malaysian Crime Prevention Foundation (MCPF) and Selangor to reduce crime under the Safe City Initiative.



RM280,000

Amount sponsored by Sunway towards purchasing **two mobile police stations**.



1,000

The size of **Sunway security force**, 500 of whom are trained Auxiliary Police.



3,000

Number of **CCTVs** that are surveilling Sunway Resort City (SRC) 24/7. The surveillance is supported by round-the-clock joint patrols with the Royal Malaysian Police.



GREEN INITIATIVES

30%

Percentage of SRC township that is **considered green by the Green Building Index**, which is twice the 15% requirement for a township to be considered green.



RM5 million

Amount allocated for **landscape and beautification efforts** around SRC, including the maintenance and cleanliness of landscaped areas, roads, paths and street lights.



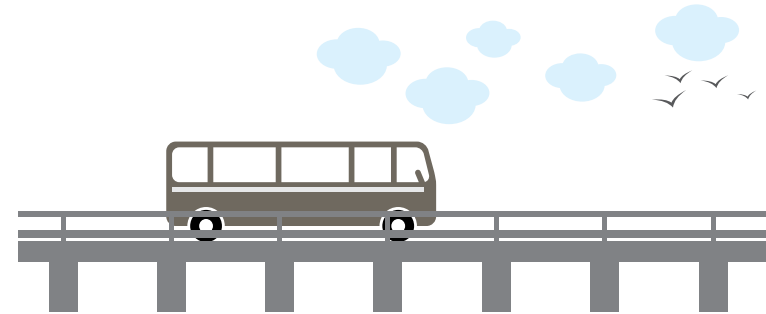
0

The amount of **styrofoam** used by Sunway-owned cafeterias within SRC to minimise health and environmental impact caused by it.



>500,000kg

Amount of **recycled waste** per year in SRC to promote a sustainable green environment for future generations.



ABSOLUTE CONNECTIVITY

RM123 MILLION

Sunway's contribution to the RM634 million **BRT-Sunway Line project** - Malaysia's first dedicated and elevated electric Bus Rapid Transit (BRT) system. The 5.4km track connecting to Setia Jaya KTM Station and the soon to be completed USJ7 LRT Station serves some 500,000 commuters in Bandar Sunway, Subang Jaya and USJ.

RM20 million

Amount invested to build a **2.3km elevated covered Canopy Walk** since 2010 to improve connectivity and promote walkability among the community of Sunway Resort City. The Canopy Walk is patrolled by Sunway's security personnel and 59 CCTV units.

• 380-metre walkway connecting Sunway Pyramid to Sunway University.
• 427-metre walkway connecting Sunway Lagoon to Sunway Pyramid.

• 685-metre walkway connecting Sunway University to Monash University Malaysia.
• 800-metre walkway connecting Taylor's University to SunMed Station to benefit the community in PJS7 and Bandar Sunway.

RM1 million

Amount spent to provide dedicated free shuttle bus service that runs every 25 minutes as part of Sunway's commitment to the community in Sunway Resort City.

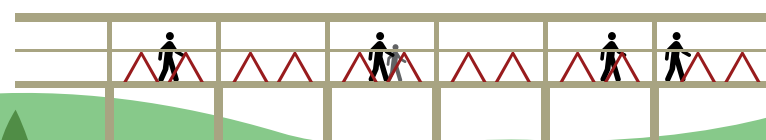
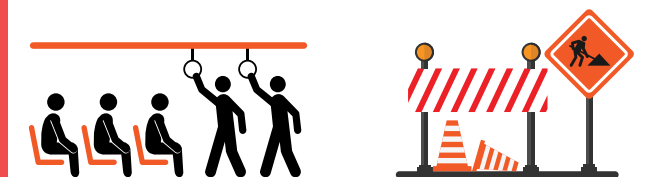
RM200 million

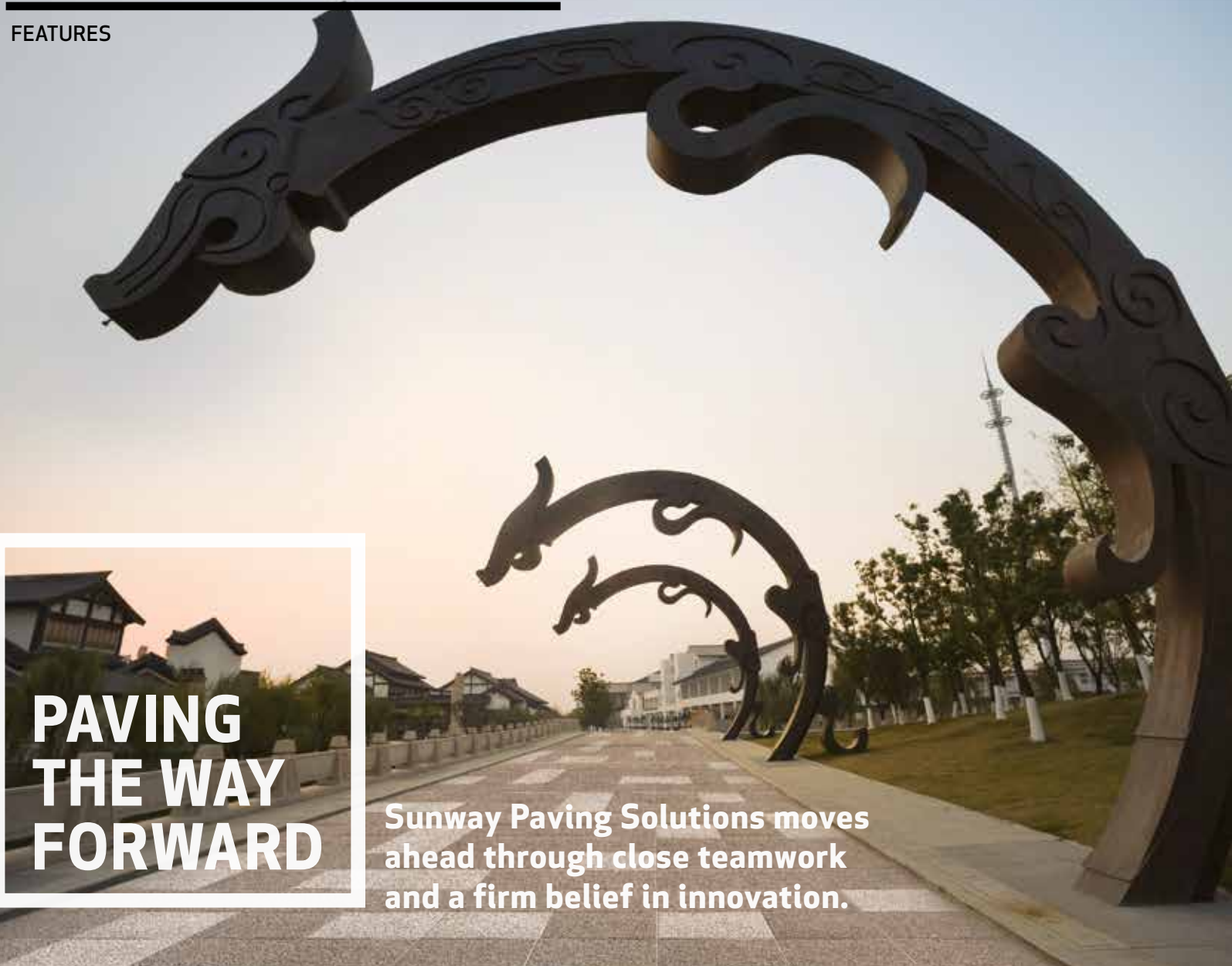
Sunway's pledged amount to carry out **road expansion and infrastructure upgrading** works as part of its ongoing corporate social responsibility efforts.

• A RM40 million link to KESAS highway built to facilitate direct access in and out of Bandar Sunway, and was completed in 2013.

• Road expansion along New Pantai Expressway (NPE) from Sunway Pyramid leading up to Persiaran Kewajipan roundabout.

• A proposed elevated road directly linking Sunway South Quay to the New Pantai Expressway (NPE) is in the pipeline.





PAVING THE WAY FORWARD

Sunway Paving Solutions moves ahead through close teamwork and a firm belief in innovation.

Millions come across it every day – on walkways, carparks, roads, roundabouts, junctions and intersections – yet few care to consider how pavement materials have made urban living possible. Indeed, to imagine a city without their unassuming presence is to picture a city filled with dangerous potholes, muddy streets, and destabilised structures caused by soil erosion.

Given the importance of paving solutions in developing a safe and liveable city, Sunway Paving Solutions (SPS) – together with Sunway Vitrified Clay Pipes (VCP) and Sunway Spun Pile (SSP) form the Sunway Building Materials division. It was founded in 1981 to manufacture and supply

Interlocking Concrete Pavers (ICP), Compressed Concrete Paving Slabs (Eurotiles) and Decorative Concrete Masonry Units.

Today, Sunway Paving Solutions is Malaysia's largest concrete paver manufacturer commanding 75% of the market share – and is slated for continued growth. "We believe East Malaysia will be the next key market in our company's growth journey," said Danny Ng, Chief Executive Officer of Sunway Building Materials. He added that expansion in this industry requires detailed planning, feasibility study on the market demand and growth potential; and continued innovation.

"However, local demand is still growing strong, and the acceptance

of using Interlocking Concrete Pavers and Eurotiles as their pavement solutions has been very positive among the private developers and local authorities," he added.

FOUNDED ON INNOVATION

The success story would not have been possible without its active Research & Development department, which consistently comes up with innovative products that are greener, more cost-effective, and aesthetically pleasing.

"We only have a small team of five in the R&D team head by a Senior Manager. However, the process of innovation includes all levels and functions from the CEO to the most junior executives," he said.

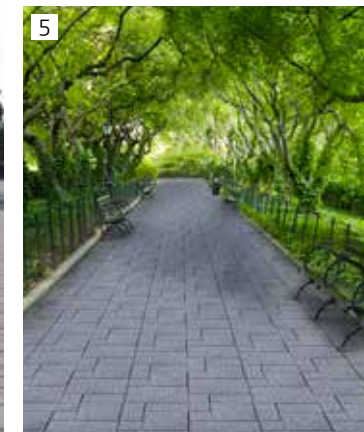
"Our President, Dato' Chew, constantly challenges us to look beyond the horizons and innovate. Our Executive Vice President, Mr Evan Cheah continues to motivate us with the "dare to be different" motto.

The tight-knit team allows for innovation that permeates throughout the company. "I am proud to say that we truly can shout out that, Innovation is our DNA," he said. "In recent years, we have rejuvenated the Interlocking Concrete Pavers and Eurotiles product lines, leading a highly engaged workforce in the company and achieving all scores [in terms of revenue, yield and profitability] at the highest peak."



PAVING THE WAY TO GREEN INNOVATIONS

One of its greatest ground-breaking innovations is NeuPave, a paving solution that allows water to permeate through the surface to underlying soil, thus reducing the chance of flooring and water ponding.



PRODUCT HIGHLIGHTS OF SUNWAY PAVING SOLUTIONS

We take a look at some of the innovative products developed and marketed by SPS.

1. **Z-Series:** High-strength concrete paver series- minimal thickness of 60mm with 45MPa concrete strength. It is developed to be cost-effective and to reduce environmental impact.

2. **R-Series:** Reflective concrete paver series that are developed to be cost-effective in replacing road-line thermoplastic paint, which is environmentally-friendly.

3. **Prime Pavers:** These pavers have multiple dimensions that allow customisable and creative designs.

4. **Wood Series Eurotiles:** SPS's latest innovation has a wood finishing surface that is suitable for pool-decks, patios, walkways, and car porches. It comes in several dimensions that lend to a pleasing and natural look.

5. **NeuPave:** NeuPave is a paving alternative to more traditional types of hardscape flooring materials, where water is now allowed to permeate through the surface to underlying soil.

All our manufacturing plants and products are in compliance with ISO9001, ISO14001, Singapore Green Label, Malaysia Green Building Index.

