

Green Pulse

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**ASIA
YOUNG
DESIGNER
AWARDS**

Build Back Smarter with Sustainable Solutions

Amidst rising sea levels and melting glaciers, climate change remains the greatest challenge of our time. Although global greenhouse gas emissions plunged 7% to roughly 2.4 billion tons in 2020 due to the COVID-19 pandemic and its ensuing restrictions, the derailing of our environment is not on pause. As global economies recover from the pandemic's aftermath, emissions are expected to return to higher levels. With the risk of drastic climate and environmental changes, sustainable management has become a collective social obligation for individuals, corporations, and governments.

A modern city demands intelligent combinations of data, people, and technology to create inclusive and sustainable solutions. Smart buildings are increasingly taking the lead in the development of smart cities and are widely recognised as essential to meeting today's many challenges, including achieving net zero targets,

security, and demand for greater interoperability.

The International Energy Agency estimates that smart buildings can save 230 exajoules (EJ) in cumulative energy through 2040. This can lower the global energy consumption by up to 10%.

To reduce Singapore's greenhouse gas emissions and achieve its goal of 80% green buildings by 2030, the Building and Construction Authority (BCA) launched the Super Low Energy Building (SLEB) Smart Hub, a centralised national digital database that includes green technologies and powerful tools for data analytics. Currently, the building sector accounts for approximately 20% of Singapore's emissions. Similarly in Vietnam, the Viettel building has incorporated advanced technology in its operations to save up to 20% in energy costs.



INTEGRATED SMART BUILDING PLATFORM

Simplifying complex processes while enabling new forms of collaboration, artificial intelligence (AI) and Internet of Things (IoT) are powerful drivers for transforming commercial buildings into intelligent, proactive living and working worlds. Working at breakneck speed, these innovative digital solutions boost efficiency through continuous analyses with the help of intelligent technologies, management software systems, and sensors. Arming operators with information and data, Siemens's Desigo CC allows for the easy development of short and long-term energy strategies. The integrated smart building management platform offers a wide range of features that enable operators to monitor and optimise the energy performance of buildings, and at the same time, provide comfort, health, and safety to the occupants. Equipped with powerful graphics and floor plan visualisations, the platform presents a unified view and control of all connected devices. With easy cloud connection, the platform is accessible to operators anytime, anywhere, without the need for a VPN connection.



Siemens's Desigo CC integrated smart building management platform optimises energy performance of buildings.

EFFICIENT AIR MANAGEMENT

After electricity, water and gas, compressed air is often referred to as the fourth utility that has energy savings and environmental benefits. In modern buildings, the regulation of air flow is a crucial and an intrinsic part of heat and moisture control in modern buildings. An efficient compressed air system can save energy, reduce maintenance, and avoid moisture damage.

With its bluekat converter, BOGE, a leading compressed air systems specialist assures the flow of clean, dry, and oil-free compressed air. The catalytic converter actively filters and breaks down particles into water and carbon dioxide and silicate, eliminating the production of carbon monoxide to a level $<0.1\%$, while reducing germs, bacteria, and viruses. Effectively saving energy, the heat exchanger uses the high compressed air temperature from the converter tank to preheat the incoming compressed air to a high level.



The energy consumption of the BOGE BC series is a low 0.01-0.005 kWh-Nm.



Bette, renowned for its exclusive bathroom fixtures, has replaced all its existing compressors with BOGE screw compressors, microfilters and the bluekat converter. Incorporating heat recovery as an integral part of its solution, BOGE boosted cost savings and reduced the overall environmental footprint at Bette. Through the new system, the heat generated as a by-product of producing compressed air is used to not only heat the manufacturing areas but warm up the administration building as well. This heat recovery provided additional support to the cogeneration unit, reducing the running time of the natural gas boiler by around 30%.

ENERGY SAVING WINDOWS

Transforming windows and skylights from an energy liability to an energy source, electrochromic glass is the next major advancement in energy-efficient window technology. With Saint Gobain's SageGlass, architects and builders can resolve solar-control challenges without sacrificing aesthetics, design or energy-efficiency. A smart solution for buildings grappling with solar control, the electrochromic coated glass is ideal for blocking sunlight on hot days and harnessing the sun's energy on cold days whilst dramatically reducing energy demand and need for heating, ventilation, and air-conditioning (HVAC) systems. In addition to reducing the up-front material costs of shading systems, the dynamic glass decreases building operating costs by reducing overall energy loads by an

average of 20%, and peak energy demand by up to 26% over a building's life cycle. With its advanced proprietary algorithms, users can operate automatic control settings to maximise solar energy and minimize light, glare, energy use and colour rendering. Through the use of SageGlass, building operators can earn credits towards green building certifications including LEED, BREEAM, WELL, LBC, Estidama, HQE and more.



The SageGlass is the next major advancement in energy-efficient window technology.

Accelerating Smart Building Solutions with technology advancing at an extraordinary pace, applying best practices in the design and construction of buildings are just as critical to the meeting occupier requirements. Technological innovations take smart thinking that leverages technology to help people work with greater flexibility and efficiency in a more sustainable environment.



MS CINN TAN,
Chief Sales and Marketing
Officer,
Pan Pacific Hotels Group



1. What are the various sustainability efforts undertaken by PARKROYAL COLLECTION Marina Bay that set itself apart from others in the industry?

The global hospitality industry has an ecological footprint that Pan Pacific Hotels Group is deeply mindful of. In this, we saw the importance of leading the charge in sustainable hospitality, especially with our PARKROYAL COLLECTION brand of hotels. The genesis of sustainable efforts began at the birth of PARKROYAL COLLECTION Pickering in 2013, which has since been recognised widely for its biophilia efforts, including “World’s Leading Green City Hotel” by World Travel Awards consistently.

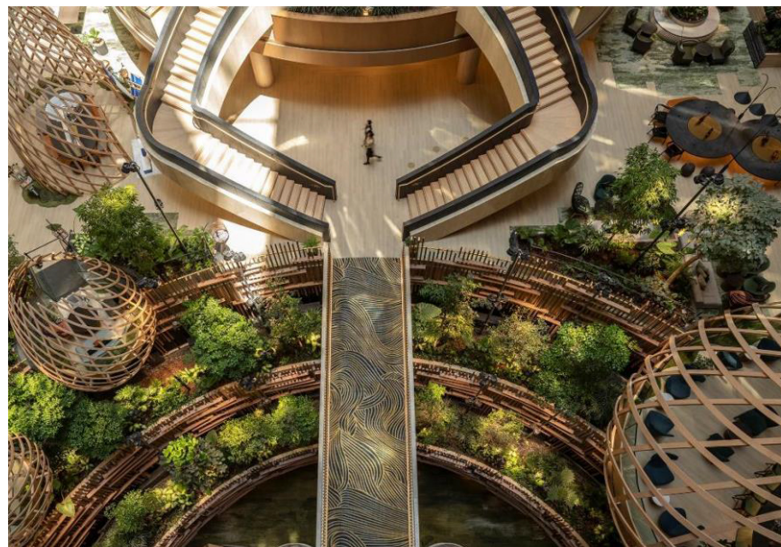
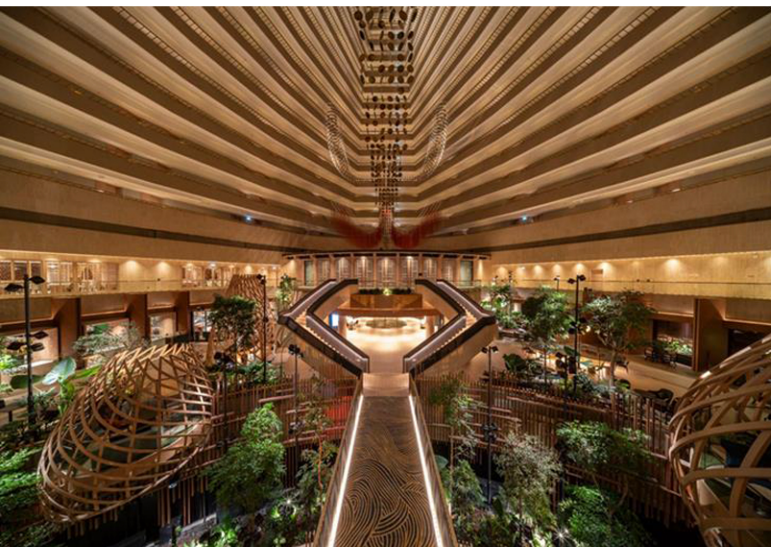
Aligning with this philosophy, the story of PARKROYAL COLLECTION Marina Bay starts from its very foundations. In the construction phase, we made the decision to preserve the original structure of the building from 1985. This prevented the emission of 51,300 tonnes of carbon dioxide, which would come with demolishing a typical high-rise. This is equivalent to a forested area larger than all of Singapore’s nature reserves.

Preserving the original building is not a common practice because of additional considerations in implementing updated infrastructure, especially with sustainable features in mind. However, we saw this as a chance to creatively incorporate green elements.



We introduced a dramatic “garden-in-a-hotel” concept with more than 2,400 trees, shrubs and the groundcovers - an unprecedented experience that immerse our guests in a lush tropical retreat while indoors. We built the Atrium’s skylight with low-emissivity, double-glazed glass that reduces indoor ambient temperature by 2°C, equivalent to a 2% reduction in electricity use. Rooftop solar panels will be installed, reducing the hotel’s overall

plastics in lieu of travel-sized plastic bottles, and the brand’s F&B outlets have eliminated the consumption of single-use plastics. We also introduced electric vehicles and charging stations. We are honoured that within months of its opening, PARKROYAL COLLECTION Marina Bay was awarded “5-star Best Hotel Interior” at the International Property Awards 2021.



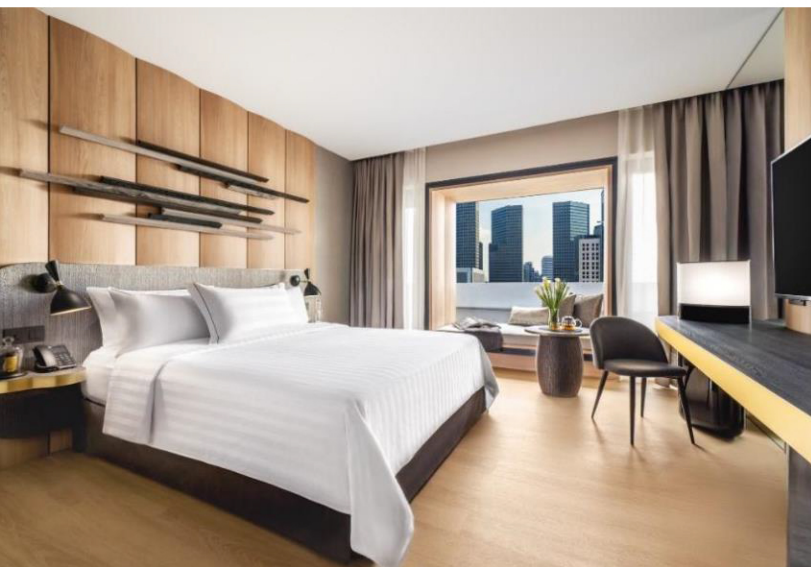
energy consumption by 1.4%, and motion sensors throughout the hotel regulate energy use as well. Outside the all-day dining restaurant Peppermint lies an extensive urban farm of more than 60 varieties of edible greens, which provides some 20% of produce to the restaurant.

We also involve our guests in our sustainability journey and hope to inspire them through our tangible efforts. Filtered-water taps installed in all guest rooms at our PARKROYAL COLLECTION hotels eliminate the use of more than 360,000 plastic bottles a year at each property. We are also rolling out pumped amenities made from the biodegradable

This is an affirmation to us that our design for sustainability is leading the charge towards a future of ecologically conscious development.

2. What are some of the challenges of implementing these sustainability efforts and initiatives in Singapore?

One of the challenges as a Group leading the push for sustainability is appealing to consumer mindsets without compromising our brand values. When we consider more traditional expectations, there are guests who do expect their stay to be accompanied by certain luxuries that may not be environmentally friendly, such as



single-use bathroom amenities and bottled mineral water.

Our task is to creatively address these needs in a way that aligns with our sustainability agenda. We provide brand-label soaps and lotions that are cruelty-free and paraben-free, dispensed through biodegradable pump bottles. Our guests have also responded well to the glass bottles and filtered-water taps provided, understanding that PARKROYAL COLLECTION stands for environmentally conscious practices.

Our restaurants have also introduced creative cuisine using sustainable food sources, including a plant-based menu at PARKROYAL COLLECTION Pickering's Lime Restaurant. While these may have been initially radical changes to the traditional luxury hotel experience, such sustainability measures have set the standard across the industry, and we see that a growing majority of guests are supportive of these efforts.

There is also a misconception that sustainable practices compromise the quality of the product. This is where we

challenge ourselves to convey that the luxury service mindset focuses on the holistic experience, and we do not compromise on our sincerity in service and the quality of hardware.

In fact, sustainable features demand a higher cost of implementation. Efforts like installing solar panels and double-glazed glass, as well as adopting sustainable food sources and biodegradable materials, are investments that we make as long-term future-proofing efforts. Moreover, green features such as solar panels and double-walled glass can even bring us cost savings in the long run.

3. The innovations in the sustainability/environmental aspects by PARKROYAL COLLECTION are remarkable. Are consumers in Singapore becoming increasingly conscious about hotels' efforts in this aspect?

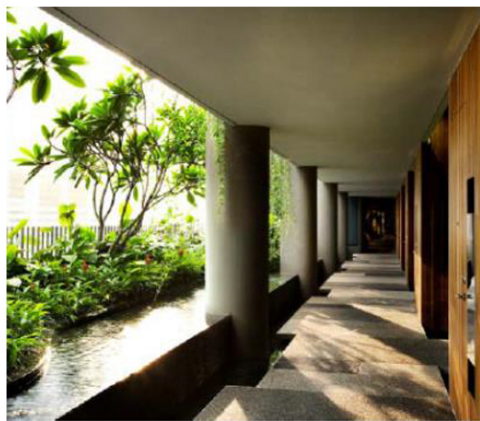


Perhaps brought to light amidst the pandemic, we are seeing that sustainability is a growing concern among consumers in Singapore. A 2021 study by Accenture and the



World Wide Fund for Nature in Singapore shared that 80% of consumers care about the environment, with a third of the consumers expressing they would make most purchasing decisions based on product sustainability and environmental impact.

These are clear indicators that Singaporeans are becoming increasingly environmentally conscious and selective in their purchasing patterns including their choice of hospitality brands for stay cations.



Earlier this year, the Singapore Government also announced an injection of an extra S\$68.5m into the Tourism Development Fund for businesses looking to test-bed sustainable tourism offerings. This move towards sustainability in the local tourism sector is aligned with the Singapore Green Plan that was unveiled earlier this year, and is one of the 2030 targets under the green economy pillar. These developments will cast corporate sustainability efforts into the spotlight, and as public awareness of environmentally conscious measures rises, we hope that our efforts will become even more visible to consumers.

4. In light of the global pandemic and the challenges that hotels are facing worldwide, how does PARKROYAL COLLECTION ensure its sustainability efforts remain impactful?

Despite the pandemic's impact on global travel and hospitality, we have not eased up on our push for sustainability. Taking

care of our environment is equally, if not more, important now. We are maintaining our baseline efforts and these have returned tangible energy and cost savings.

To quantify the impact of our efforts, PARKROYAL COLLECTION Marina Bay's 'green' hardware save more than S\$60,000 annually in energy costs. The PARKROYAL COLLECTION Pickering's rainwater harvesting tank—which recycles rain water to irrigate its

self-sustaining gardens - conserves an average of 6,000m³ of water a year, equivalent to 2.4 times the volume of an Olympic swimming pool.

Eliminating the use of plastic bottles across both properties has also saved an estimated S\$70,000 worth of bottled water. Adopting biodegradable packaging for F&B is even more significant now that online deliveries and takeaways have risen during the pandemic; utilising eco-friendly packaging is our way of ensuring we remain sustainable when it matters most.

Adapting to Covid-19 has also catalysed our digitisation journey. We are exploring approaches like a keyless check-in system and rolling out digital concierges across our hotels, which help us to reduce our carbon footprint and consumption. We expect to develop even more measures as we shift into a more digitised future.



5. On the use of green technology, right now PARKROYAL COLLECTION Marina Bay leverages the use of solar panels, among others. How do you see the current initiatives will evolve given the continuous evolution in the green technology space?

With the Singapore Green Plan kicking into full gear and sustainable-tourism incentives pouring into the industry, we are excited to welcome more innovative adoptions of green technology. One of the targets that Singapore hopes to reach by 2030 is an 80% improvement in energy efficiency over the 2005 baseline for best-in-class green buildings; with this in mind, we are likely to see more energy-saving technologies cropping up in both existing and new developments. We can imagine a future city of expanded underground networks, autonomous delivery vehicles, entire rooftop solar power 'gardens', and air quality sensors .

We are also gearing up towards a future of electric vehicle-ready towns and 60,000 charging points nationwide . Pan Pacific Hotels Group is already kicking off with our charging stations and new fleet of EVs in our PARKROYAL COLLECTION hotels, ready for our guests to use for transfers. We anticipate expanded efforts surrounding clean vehicle technology and are proud to be one of the forerunners in hospitality on this front.

6. In your opinion, is sustainable hospitality becoming an important component of success in the hotel industry?

It is definitely growing in importance, especially when we consider the

sentiments among the younger generation of consumers. Increasingly, travellers and guests are expecting hotels to integrate green practices into their designs and operations, and a growing portion of them want to stay in hotels that have successfully and visibly integrated green practices.

According to the Deloitte Global 2021 Millennial and Gen Z Survey, 28% of all respondents said they've started or deepened consumer relationships with businesses whose products and services benefit the environment. A comparable number of them have stopped or lessened relationships with organisations whose offerings they see as harming the planet. We believe that the sustainability status meets the growing demand and expectations of sustainable hospitality, and at the same time, helps us to build trust and recognition among our current and potential guests.

With business travel, we are seeing more MNCs beginning to include sustainability as one of the requirements when selecting corporate travel accommodation. This might have been spurred by several countries committing to reduce emissions for instance, the landmark Paris Agreement, where European countries have pledged to reduce emissions by 55%. Closer to home, the Singapore government has targeted to halve emissions by 2050, as outlined in the Singapore Green Plan 2030. These initiatives are giving a strong push for green business travel options.





Environmental consciousness now has greater visibility, and it will only continue increasing in importance. We are already seeing a rising adoption of digital solutions, and a notable shift towards more sustainable practices in the community and hospitality. Effective and tangible sustainability is now a key differentiator that sets our hotels apart.

Finally, as a hotel group, we champion the sustainability movement not just because of consumer sentiments, but

also because we want to build a solid bedrock for the industry. Expansion and growth don't have to come at the expense of the environment and our surrounding communities, and at the same time, there are methods to operate the sustainably without compromising on quality. Our sincere service and consistently high standards are a testament to this, and will continue to define our success in the long term.



Nippon Paint Announces Winners for Asia Young Designer Awards' International Finale 2020/ 2021

Futuristic designs that accommodate the growth of sustainable communities and cities with a human-centred approach took centre stage during the virtual awards ceremony.



The latest instalment of Asia Young Designer Awards' (AYDA) International Finale organized by Nippon Paint came to a successful conclusion following the announcement of Dayana Aripin and Evva Lim Fee Yah, both from Malaysia, as Asia Young Designers of the Year 2020/2021. The budding designers with empathetic instincts for spaces that are both innovative and sustainable grabbed the attention of the judges. They were crowned winners in the Architectural Category and Interior Design Category, respectively, beating other finalists from 13 participating locations across Asia.

Along with gaining recognition and pride for their country, the winners also receive the privilege to embark on a fully-sponsored, 6-week Design Discovery program at Harvard University's Graduate School of Design (GSD) in Massachusetts, USA, worth USD10,000. Made possible through Nippon Paint's collaboration with Harvard GSD, this opportunity will equip winners with the skills to advance their designs and creations.



In addition to the Asia Young Designers of The Year awards, recognition was also given to the Best Design Impact, Best Sustainable Design and Nippon Paint Colour Award. Winners in all of these categories were awarded prizes worth USD1,000 each. Honorary mentions recipient were also awarded USD500 each for their exceptional efforts

Held virtually, the theme for this year's international design competition revolved around Forward:

within heritage context by Dayana (Architectural Design) and WOMEN Women Empowerment Centre by Evva Lim (Interior Design). Both winning designs successfully combine human elements of heritage and empowerment respectively, with a sustainable design outlook.

We are very impressed with the work that was put together by the participants and winners of AYDA this year. As we speed toward creating cities that support sustainable living, we will be challenged to create out-of-box designs and spaces that are able to support commerce and community and are able to withstand the many winds of change we are likely to face in the future.

This forward-thinking outlook to design was reflected with great precision in many of the final submissions, making our roles as judges all the more challenging but interesting, nevertheless.

My heartiest congratulations to the winners and I look forward to the same outcome for the next year as well," said Ar. Sibarani Sofian, one of the judges for the Architectural Category and Founder and Director of Urban". The entries that we received this year clearly show that participants are much more than designers and that they understand the human nature and construction of

REFERRING HAS ITS REWARDS

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Human-Centred Design, setting the stage for aspiring designers to create innovative and sustainable spaces that are socially conscious. This train of thought is a much-needed aspect to designing, especially among the growing economies with a steady population growth in Asia. However, this growth is also tied back to rapid innovation and technological advancements in the region giving architects and designers an opportunity to design visionary cities with spaces that reflect the local culture and serve the many needs of its people as we move toward smart and sustainable infrastructures.

This theme of Human-Centred Design was prominently displayed in the work of the winners titled Microhousing





that they understand the human nature and construction of modern-day society. It excites me greatly to see how young designers are portraying a sustainable future through art and I wish all the participants good luck in their endeavours. Kudos to Nippon Paint and Asia Young Designer Awards 2020/21 for creating such a great platform for young creatives,” said Ar. Jabeen Zacharias, one of the judges for the Interior Designer Category and chief architect at Jabeen Zacharias Architects.

Adding a unique experience to the AYDA journey, To further enhance the participants' experience as part of AYDA, the competition also include several digital interactions and virtual coaching sessions to ensure that all the participants were able to interact with recognised industry mentors and coaches. The event proceedings even included online workshops for participants to sharpen their creative storytelling skills garnering over 700 views during the event. Watch the fully recorded award ceremony on AYDA's Youtube channel at:

<https://youtu.be/uyVuF6Q0Eng>.

“The past year has shown the importance of innovation, sustainability and empathy as we continue to brave the global pandemic. This edition of AYDA therefore holds a great significance in our journey forward and I am proud to have come across great entries that were visually stunning and focused on creating innovative space and design solutions with a human touch. As we move ahead, we will continue to nurture this platform for young designers and motivate them to create impactful spaces and designs for generations to come,” said Mr. Wee Siew Kim, Group CEO of NIPSEA Group.



Keeping the flame of creativity going, AYDA by Nippon Paint has begun the journey toward its 14th edition, bringing together young designers, mentors and industry professionals under one roof. Themed Amplifying Empathy through Design, AYDA 2021/22 is open for entry submissions and will push the boundaries of ingenuity even further. To find out how you can participate in the next edition of AYDA 2020/21 please visit **asiayoungdesignerawards.com**.

ABOUT THE ASIA YOUNG DESIGNER AWARDS

The Asia Young Designer Awards (“AYDA”) was first launched in 2008 as part of Nippon Paint’s vision to nurture the next generation of design talents. The event serves as a platform to inspire architectural and interior design students to develop their skills through cross-learning opportunities and networking with key industry players as well as fellow architectural and interior design peers in the region.



AYDA has since grown in terms of reach and stature and has now established itself as one of Asia’s premier design award across 16 geographical locations namely Bangladesh, China, Hong Kong, India, Indonesia, Iran, Japan, Malaysia, Pakistan, Philippines, Singapore, Sri Lanka, Taiwan, Thailand, Turkey, and Vietnam, with further expansion plans in the pipeline. Over the years, AYDA has impacted thousands of young and talented student designers, presenting them with various opportunities to engage with renowned speakers and key figures in the design industry. Not only has the exposure enabled the participants to gain first hand industry knowledge, personalised coaching, mentoring and skill-building through various workshops by experienced lecturers, they also learn from their fellow peers from across borders.

With that, AYDA has established a close-knit design community comprising professional architects, interior designers, industry associations, partners, design schools, alumni and design students.

AYDA welcomes all applications and those shortlisted will be notified. For more information, please visit <https://www.asiayoungdesignerawards.com/>.

ABOUT NIPSEA GROUP

The NIPSEA Group is a global leader, providing innovative solutions in the paint and coatings industry. Headquartered in Singapore, with more than 107 NIPSEA companies spread throughout 19 geographical locations, the group is Asia Pacific's No. 1 paint and coatings manufacturer in both production and sales revenue. After more than 50 years of growth, NIPSEA Group has over 23,000 employees with 83 manufacturing facilities and operations, efficiently serving all aspects of the business, from production to customer satisfaction.

With a focus on maximizing value to our customers, we push boundaries to deliver high quality solutions that work better for all our partners, tradesmen, and homeowners. The NIPSEA Group's arsenal of solutions for the industry covers Architectural, Industrial, Automotive and Marine Coatings, as well as a range of products beyond the world of paint and coatings. We have an unyielding drive to focus on customers, providing innovation that works best for all our stakeholders.



More information about NIPSEA Group, Please visit:
<http://www.nipponpaint.com/>

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APPENDIX I

Works of the Asia Young Designers of the Year 2020/21
(Grand Winners)

1. Architectural Category



NAME/ARTWORK TITLE



1) Name: Dayana Aripin
Project Title: Microhousing Within
Heritage Context
University: University Sains Malaysia
Country: Malaysia

1. Design Statement

Microhousing is inspired by the heritage homes of Georgetown, Penang in Malaysia. The concept of providing these revolutionary homes arose due to issues of either area with high dense populations or lack of land resources to provide sufficient housing to the masses or to tap on rental price issues that has caused many young people specially to live outside of city centre. Providing Microhousing as urban development in pocket spaces of heritage zones would revitalize spaces since it will bring more locals to live with the existing neighbourhood.

2. Interior Design Category

2. Design Statement

WO.MEN aims to create a safe living space, a safe living space for female economic empowerment. WO.MEN is not just a hub to shelter women, it is a home for women to emancipate from their problems, a place to boost their confidence and build themselves into a more optimistic and independent self. Providing not only a hostel to live, this space also provides a chance of being an entrepreneur, a skill learning centre and job opportunities. Also, it serves as a space to assist single mothers to multitask. WO.MEN has gathered the elements of shelter, market and skill learning into one which brings more convenience to single women and women in need to help them with their problems.

NAME/ARTWORK TITLE



2) Name: Evva Lim Yee Fah
 Project Title:
 WO.MEN Women Empowerment
 Centre
 University: Taylor's University
 Country: Malaysia

APPENDIX II

Works of sub-award winners

Architectural Category

Best Design Impact



NAME/ARTWORK TITLE

3) Name: Eldon Ng Yew Keong
 Project Title: The Factory
 University: National University of Singapore
 Country: Singapore

3. Design Statement

The design is inspired by the American story where healthcare professionals are seen dumping the deceased into refrigerated container trucks. By using the basis of these container trucks, the design seeks to encourage an efficient way of handling death. It begins with the shipping of these containers away to a facility that I call The Factory. In this design, bodies are treated as if in a slaughterhouse to maximize their purpose, efficiency of transfer, and maximization of space.

Best Design Impact

4. Design Statement

This project explores the role of placelessness and empathy in architecture, by utilizing critical memory. The memory of a human is closely related to the place he once inhabited. This binds architecture with the core of context. But what happens to these relations in the event of forced migrations due to climatic occurrences or socio-political conflicts? For a person constantly under the state of refuge in an unknown environment, his or her solace lies in memories of home.



NAME/ARTWORK TITLE

4) Name: Neha Harish
 Project Title: Requiem for Tolerance:
 Architecture and Disjunction - Remapping
 displacement on the margins of a Genocide
 University: RV College of Architecture
 Country: India

Nippon Paint Colour Award

5. Design Statement

Tea industry in Ceylon (with all its 148 years of history), continues to occupy a pivotal position, in foreign exchange earnings and the employment sector of the island nation. Though the demand keeps growing, there is an obvious decline in production of Ceylon tea due to several socioeconomic reasons with unsatisfactory standard of living of tea workers being one.

Sustainable co-living community hub aims to introduce a secondary industry to the existing tea industry. That is the component of tourism. This industry is not an alien concept and is already gaining popularity. This will result in a “mixed income community.” Furthermore by providing necessary social infrastructure to facilitate this sector, there would be an improvement to their standard of living.

NAME/ARTWORK TITLE

5) Name: Ironi Padmaperuma
 Project Title:
 Sustainable co- living community hub
 University: City School of Architecture
 Country: Sri Lanka

Honorary Mention

NAME/ARTWORK TITLE

5) Name: Mahek Khawaja
 Project Title: Spirit of the city
 University: Beaconhouse National University
 Country: Pakistan

5. Design Statement

The purpose of this project is to design a building for the teeming hub of Old Lahore, which has pockets to cater to a number of functions (idea of different elements coming together: Privacy, Homely, Bazaar, Religion,



Limitless, and Discovering the Unknown). The main focus would be to create a theatre (Amphitheater). The area will hold a semi covered theatre which will include a stage for all plays or talks, and social gatherings.

The social gatherings can vary, as they are not pertained to just artistic content, but also technical, scientific, and religious congregations and social events. Finally to cater to the audience who will observe the ongoing performances, informal seating will be designed like an amphitheatre where the sitting spaces are fluid and connected.

Honorary Mention

NAME/ARTWORK TITLE

5) Name: Marietta Stefani
 Project Title: Unsighted
 University: University Kristen Petra
 Country: Indonesia



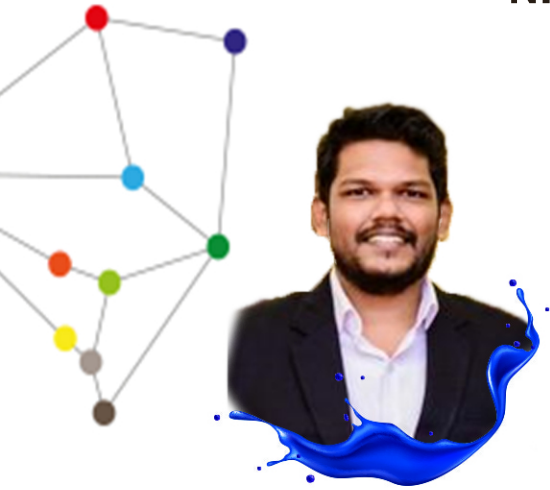
5. Design Statement

People use their eyes to see and understand things in the world. Sight as one of the main senses has the biggest role to build perspectives.

As the most common thing can make a huge impact especially for the unsighted, everything must be equal and art should be enjoyable for everyone. A friend once said, "As a total blind, we are able to do things. Not to mention the things we 'cannot', such as enjoying arts. Blind people should have the same right". But what if we are all blind? Then do blind people still continue to have the same right? This design proposes a multisensory experience to create equality between unsighted and sighted people using the remaining senses.

Interior Design Category

Nippon Paint Color Award



NAME/ARTWORK TITLE

8) Name: Dilik Abeyakoon
 Project Title: Journey through a zero waste to energy plant
 University: City School of Architecture
 Country: Sri Lanka

8. Design Statement

The waste to energy plant serves as a sustainable solution to Colombo’s municipal solid waste management system. It is a renewable energy method which converts post recycled waste into electricity. Consequently, the project aims to alter the people’s stigma on solid waste and power through awareness and exposure to the limitless possibilities of manipulating and minimizing waste; envisioning a socio-economic and environmentally sustainable future.

Best Sustainable Design

9. Design Statement

Bagasse Mountain Resort is a sanctuary of wilderness and wellness in Don Salvador Benedicto, Negros Occidental, Philippines. Conceived as a place for learning, protection, and discovery, this resort utilizes interior design to give emphasis on creating sustainable, corporeal, and human-centred design considerations. Man, endowed with the gift of memory, interprets its physical surroundings to establish spatial frameworks. In space, these relationships are manifested in terms of heritage and nature. Memory bridges cultural gaps of the past and starts new relationships between the different components of the environment and man that have been dis-regarded.



NAME/ARTWORK TITLE

9) Name: Margaret Therese S Hagad
 Project Title: Bagasse Mountain Resort: Designing for Memory and Sustainability
 University: De La Salle- College of Saint Benilde
 Country: Philippines

Best Design Impact

10. Design Statement

“Fish sauce spirit” is a project combining traditional fish sauce production villages with a tourism-experience village model. The big idea of this project comes from the desire to revive the traditional fish sauce villages, which are gradually being lost due to competition with the industrial fish sauce products. Due to the weakness of production facilities, the support of machines, the traditional fish sauce have a higher cost and a longer production time than the industrial fish sauce products, so it gradually loses its advantage in the market. This leads to many traditional fish sauce families to give up their jobs, even many people fall into unemployment and economic difficulties.

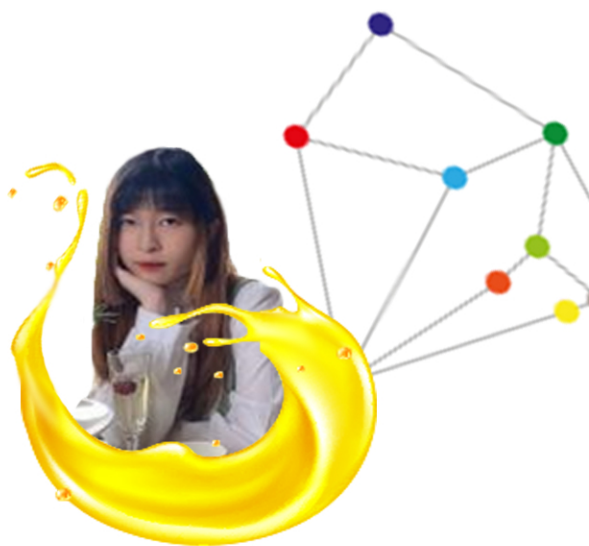
NAME/ARTWORK TITLE

10) Name: Mai Ngoc Anh
Project Title: Fish Sauce Spirit
University: Ha Noi University of
Civil Engineering
Country: Vietnam

Honorary Mention

11. Design Statement

Hearing loss is a partial or total inability to hear. As much as 6% of the world’s population suffer from hearing loss. So while loss of hearing is rare, it is not uncommon. It can be acquired since or after birth, which in the latter case, is maybe due to an accident, a medication, noise pollution or even the natural declining of our senses as we age. As social and emotional creatures, the connection between us doesn’t exist only in the physical form, but also in the mental form. With this advantage, we can reconnect by sharing our mutual feelings and emotions using music as the medium, as music is the strongest form of art that is able to evoke human emotions.



NAME/ARTWORK TITLE

11) Name: Suangchanok
Wongpollakrit
Project Title: Melodium
University: Silpakorn University
Country: Thailand

APPENDIX III

Profiles of Judges

(Names are reflected in alphabetical order)

Architectural Judges



NAME/DESIGNATION

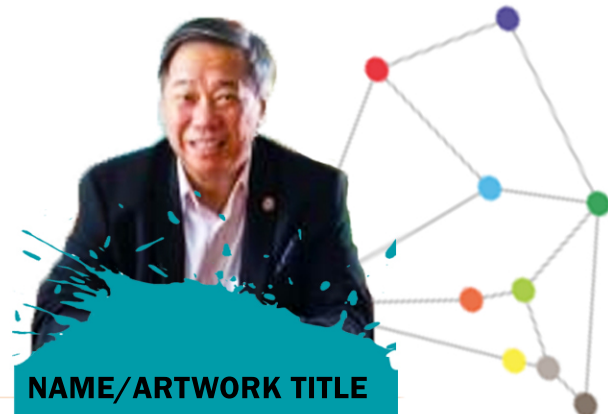
1) Arash Ahmadi
 Founder, Ahmadi Studio

1. Profile Summary

Arash Ahmadi was born in Italy in November 1979 to an Italian mother and Iranian father. After graduating in Architecture from Roma La Sapienza University in 2004, he became Professor of technology of constructions and interior design, in the same University. In 2013 he became a PhD Graduate in Urban Planning. In 2009 he left teaching to concentrate on the architectural profession, and founded “A Studio”, now known as Ahmadi Studio. Over the past six years he has been responsible for a strikingly wide range of work, from museums, cultural buildings, offices and workplaces, to private houses and furniture design. Over the last few years he has also participated in several international competitions receiving awards for: the Ompet Head Quarter building Competition in Sohar, Oman, in 2014; the Italian School in Tehran, Iran, in 2012; the National Treasure Museum of Iranian Central Bank in Tehran, Iran, in 2010; the MetrodopoMetro new Metro Station in Rome, Italia, in 2008. He is also cooperating with several studios and firms in Italy, as to guarantee the most innovative solution for each project.

2. Profile Summary

Daniel Lim did his architectural education at Kent State University in the United States of America, graduated in 1992 with a Bachelor of Architecture degree. While in the USA, he worked for 4 years in an architecture firm called HFP/Ambuske Architects, which specializes in health care facilities planning and design.



NAME/ARTWORK TITLE

2) Daniel Lim
 General Director,
 RSP Architects

Architectural Judges



3. Profile Summary

Lillian Tay is Design Principal at VERITAS Architects, an award-winning Malaysian architects firm. VERITAS aspires to create responsible and resilient architecture that uplifts lives and inspires appreciation of our place and culture. Lillian oversees design direction at VERITAS besides leading many key projects in workplace and hospitality design, high-density mixed developments and urban design.

In her recent tenure as the President of Malaysian Institute of Architects (PAM), Lillian sought to promote the expertise and value that Malaysian architects bring, to serve the community and contribute meaningfully to nation building. After obtaining her BSE (Civil Engineering & Architecture) and M. Arch from Princeton University, USA, Lillian worked at KPF, New York before returning to Kuala Lumpur where she has been a director at VERITAS since 1995.

NAME/DESIGNATION
 3) Lillian Tay
 Vice President, VERITAS Design Group



NAME/DESIGNATION
 4) Sibarani Sofian
 Founder and Director, URBAN+

4. Profile Summary

Sibarani is a passionate urban designer, planner and business leader with extensive experience in various urban projects in Asia, especially Southeast Asia and Indonesia. Focusing on executing sustainable urban development based on an integrated multi-disciplinary approach. He graduated with B.Arch from Institut Teknologi Bandung (ITB), Indonesia with the Best student Award and later pursued his Masters in Urban Development and Design from the University of New South Wales (UNSW), Sydney, Australia. Having worked for leading international firms such as RSP Architects

Planners & Engineers (Singapore), Skidmore Owings & Merrill (SOM), EDAW and AECOM, Sibarani has gained vast experience and worked on various award winning master planning projects in South East Asia from Vietnam, China, South Korea, Taiwan, Philippines, Malaysia, Singapore, Indonesia, India etc.

Wales (UNSW), Sydney, Australia. Having worked for leading international firms such as RSP Architects

Planners & Engineers (Singapore), Skidmore Owings & Merrill (SOM), EDAW and AECOM, Sibarani has gained vast experience and worked on various award winning master planning projects in South East Asia from Vietnam, China, South Korea, Taiwan, Philippines, Malaysia, Singapore, Indonesia, India etc.

His recent list of awards includes LASWI Creative District Design Competition, WIKA Realty, Kebon Kacang Public Housing Architectural Competition, Perumnas Indonesia, New Indonesian Capital City Master Plan “Nagara Rimba Nusa”, Ministry of Public Works and Housing, Indonesia, Best Landscape Project, Singapore Institute of Landscape Awards and many more.

Interior Design Judges



NAME/DESIGNATION

1) Jabeen Zacharias
Chief Architect, Jabeen Zacharias Architects

1. Profile Summary

Jabeen L Zacharias hails from God’s own Country Kerala, India. She graduated in Architecture from Trivandrum College Of Engineering in 1984 and did her higher studies in Interior Design in New York. Her thirty-year practice has a unique project profile and prestigious clientele ranging from Star Hotels/ Resorts for Meridien, Leela and Taj, Museum for World Bank, Showrooms, Offices, Institutions, and Exclusive Residences. Apart from being a full-fledged Architect and Interior Designer, Jabeen is also a multifaceted artist and activist. She was a Professor in Architecture at The College of Engineering Trivandrum and is still a visiting faculty at various colleges within the country and abroad. Ar Jabeen is the recipient of many

coveted awards and her projects have been widely featured and published in prominent magazines and journals. Presently she is the 17th National President of the Institute of Indian Interior Designers and the first lady President ever.

4. Profile Summary

Apart from his role as a design partner, he is the Former Chairman of Hong Kong Interior Design Association and Lecturer for the China Academy of Art. Mr. Joey Ho believes the core essence of design is to inspire and open up possibilities of life. So, he actively involves in design projects borderlessly and successfully established a rich archive of works of diverse scopes of specialties and sectors, including corporate, residential, education, hospitality and various sectors in different countries. This has bought him personal achievement including US “Interior Design” Magazine (Chinese Version) Hall of Fame, CIDA Annual Top 10 Influential People of China (Interior Design), CAC Top 10 Hong Kong Interior Designer, VIPs of Asian Creation by Japanese design magazine Studio Voice. He has received over 180 awards and honors, including The Andrew Martin International Interior Designer of the Year Award, FX International Design Awards (United Kingdom), “Interior Design” magazine Best of Year Awards (United States), “Frame” magazine Awards (Netherlands), IFI Global Awards, INSIDE World Festival of Interiors Award.



NAME/DESIGNATION

2) Joey Ho
Design Partner,
Pal Design Group

3. Profile Summary

Hideji completed his B.Arch from Columbia University, New York and joined Super Potato in Tokyo, Japan. As a Director at Super potato he has been instrumental in the success of many projects at Super Potato since 2010. Some of the major projects he has worked on are MUJI Ginza, Hoshino Resort Kai Anjin, Conrad Tokyo “Executive Lounge” in Japan, Hotel Beaulac “Waves” in Switzerland, Park Hyatt Guangzhou, Shangri-La Shenyang Restaurant “Café LIANG” in China, Grand Hotel Europe Specialty Restaurant “Azia” in Russia, Park Hyatt Busan (entire hotel interior) in South Korea, Caesars Palace Hotel Restaurant “Bucchanal” in the USA, Ritz Carlton Montreal Specialty Restaurant “Maison Boulud” in Canada, Ritz Carlton Bangalore Lobby, All Day Dining Entertainment Club & Specialty Restaurant in India and more.



NAME/DESIGNATION

3) Hideji Kanamori
Director, Super Potato



NAME/DESIGNATION

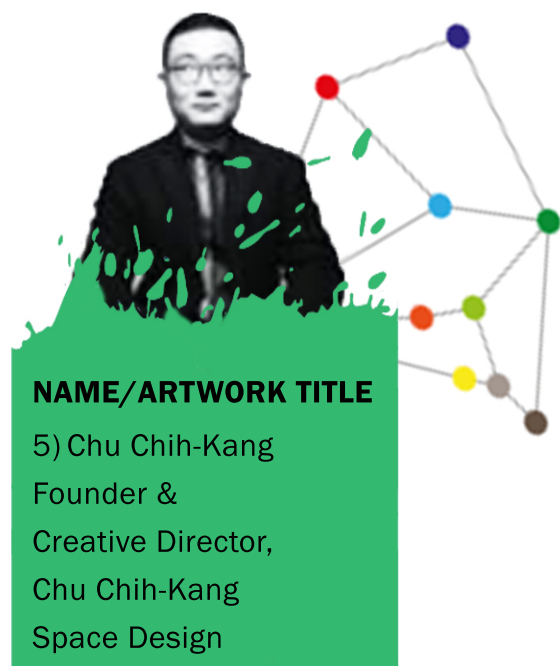
4) Peter Tay
 Founder,
 Peter Tay Studio

4. Profile Summary

After graduating from the prestigious Architectural Association, London in 2000, Peter Tay worked with some of the leading contemporary architects before starting his own practice in 2001. He is a celebrity interior designer to stars, such as Zhang Ziyi, Wang Leehom, Zoe Tay and Stephanie Sun. His portfolio comprises of high-profile residential and commercial projects. He has been lecturing for the past 15 years at various design institutions and his highest accolade design award in Singapore, he was named the ‘Designer of the Year’ at the President’s Design Awards, 2014.

5. Profile Summary

Chu hails from Taiwan and was exposed to rich culture since his childhood. After his M.A in Product and Architecture Design from Shih Chien University, Taiwan, his work has touched the hearts of many, across China and the world. With more than 30 awards to his name, some of the most cherished ones are the Platinum A’ Design award for Fansuo Bookstore, Silver A’ Design Award for Jolab Factory and Bronze A’ Design Award for Trolley Coaster Installation. He has also been a Jury member in various contests such as Golden Pin - Taiwan, Youth Innovative Design - Taiwan, Design Week - China and many more.



NAME/ARTWORK TITLE

5) Chu Chih-Kang
 Founder &
 Creative Director,
 Chu Chih-Kang
 Space Design

APPENDIX IV

Works of 23 Design Finalists

Architectural Category

Location		Name of Participant	Title of Design Work
	China	Liang Jiawei	Eco-Fantasia
	Hong Kong	Ng Tsz Hing, Anthony	Synthesizing the Sham Shui Po Urban Layers
	India	Neha Harish	Requiem for Tolerance: Architecture and Disjunction - Remapping displacement on the margins of a Genocide
	Indonesia	Marietta Stefani	Unsighted
	Japan	Yurina Kaneda	Specimen Box of The Sky
	Malaysia	Dayana Aripin	Microhousing within Heritage Context
	Pakistan	Mahek Khawaja	Spirit of the City
	Philippines	Jandoc, Paul John A.	SILONG: A Sustainable Human-Centred Design Shelter Anchored on Living One with Nature
	Singapore	Eldon Ng Yew Keong	The Factory
	Sri Lanka	Ironi Padmaperuma	Sustainable co- living community hub
	Taiwan	Lin Hong-En	Pure Power/Daily Combat Strategies for Water Collection
	Thailand	Supakorn Chantakitwattana	Informal Settlement in Bangkok
	Vietnam	Nguyen Minh Hoang	Fill the Forest

APPENDIX IV

Works of 23 Design Finalists

Interior Design Category

Location		Name of Participant	Title of Design Work
	China	Chen Qiqi	"Showing" - Design of Lijiang Visitor Centre
	Hong Kong	Li Ka Man, Karman	FIVE SYMPHONIES, A building that resonates with five emotions.
	India	Tasha Singh	Garima Sthal' - A Dignifying Labour Welfare Centre
	Indonesia	Patricia Caitlyn Kurniawan	Antara : A form of community empowerment through sustainable agritourism development
	Malaysia	Lim Yee Fah	WO.MEN Women Empowerment Centre
	Philippines	Hagad, Margaret Therese, S	Bagasse Mountain Resort: Designing for Memory & Sustainability
	Singapore	Jessica Lim	Weightless
	Sri Lanka	Dilik Abeyakoon	Journey through a zero waste to energy plant
	Thailand	Suangchanok Wongpollakrit	Melodium
	Vietnam	Mai Ngoc Anh	Fish Sauce Spirit