



18[™] JULY TO 21[™] JULY 2022

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The Hitachi Young Leaders Initiative (HYLI) reflects Hitachi's long-term commitment to Asia. Established in 1996, HYLI is a regional thought leadership and social responsibility programme organised by Hitachi with the aim of helping Asia identify its future leaders by providing a platform for bright university students. At the initiative, four of the best and brightest university students from each participating country meet to discuss current regional and global issues. They also exchange views with prominent speakers who are the Asian leaders of today, representing governments, business and academia.

Since its inauguration in Singapore in 1996, HYLI has offered over 340 students, including more than 50 Singapore alumni, the unique opportunity to broaden their outlook while promoting Asian values and cross-cultural understanding. At every HYLI, up to four student delegates are handpicked by the selection panels in each of the eight (8) countries, namely Indonesia, Japan, Malaysia, Myanmar, Philippines, Singapore, Thailand and Vietnam.

HYLI 2022 would be held under the theme of "Social Innovation in the New Normal" for this year's edition. Under the core theme, there will be a total of four plenary sessions focusing on the (1) Future Cities, (2) Clean Energy, (3) Water Solutions and (4) Human Health.

ABOUT HYLI

18[™] JULY TO 21[™] JULY 2022

Monday 18 th July	Tuesday 19 th July	Wednesday 20 th July	Thursday 21st July
Opening Ceremony 10:15am - 11:30am	Site Visit 9:30am – 12:00pm	Site Visit 9:30am – 12:00pm	Opening Ceremony 9:30am – 10:00am
Session 1: Future Cities 11:30am – 12:30pm			Student Presentations 10:30am – 12:30pm
Session 2: Clean Energy 1:30pm – 2:45pm	Student Workshops 1:30pm – 5:30pm	Student Workshops 1:30pm – 5:30pm	Feedback by Lead Advisor 1:45pm – 2:05pm
Session 3: Water Solutions 2:45pm – 4:00pm			Closing Ceremony
Session 4: Human Health 4:30pm – 5:30pm			2:05pm – 3:20pm
Closing Remarks 5:30pm – 5:40pm			Cultural Night 7:30pm – 9:00pm

PROGRAMME AT A GLANCE



MAIN THEME

Title: "Social Innovation in the New Normal"

The coronavirus pandemic has brought about paradigm shifts and revealed startling realities about our societies and economies. In light of the shocks experienced and uncertainties ahead, we need to build back better through innovation for future resilience. The Covid-19 pandemic has re-emphasised the importance of social innovation in incubating technologies needed for navigating the shocks and shifts in Asian societies. While Asian governments at the national and local levels have introduced a variety of measures to fight the Covid-19 transmission, the impact of the pandemic has gone beyond health. Social innovation is needed to support more vulnerable populations such as the elderly, the chronically ill and people living with disabilities who have been particularly affected due to the social and economic disruption of the pandemic. As custodians of the future, Asian youths will have to be adaptable and take the lead to transform disruptions into opportunities through social innovation.

SESSION 1 THEME Title: "Future Cities"

At the heart of any smart city is its urban and technological infrastructure, coupled with advanced software to allow for quick analysis of data, allowing better understanding of citizen preferences. In planning for cities, developing resilience in cities, and the socio-economic landscape of smart cities, speakers, as urban infrastructure experts, will share insights on how Covid-19 has informed the future of sustainable cities and communities, shaped smart urban infrastructure planning, and brought about unprecedented future challenges to urban development.

SESSION 2 THEME Title: "Clean Energy" As the population continues to grow, so will the demand for cheap energy, and economies reliant on fossil fuels are creating drastic changes to our climate. Speakers on the panel represent a wealth of experience in researching, planning, developing, and managing pathways and solutions for clean energy production and equitable access. They will outline how SDG 7 (Affordable and Clean Energy) is currently playing out in Asia, the latest trends and technology in the race towards adopting clean energy, and how social innovators and communities can play a role in driving the clean energy transition across the region.



SESSION 3 THEME
Title: "Water Solutions"

In Asia, nearly 700 million people still lack access to potable water. The current rate of progress must be quadrupled to meet the global universal access target by 2030. This panel has wide ranging experiences in the analysis and research on water issues and the complex web of risk to unpack. In order to unlock innovation in building water technologies, and developing water solutions, our speakers will discuss the progress being made in Asia towards SDG 6 (Clean Water and Sanitation) and how ground-up efforts and entrepreneurship are very much able to make a difference across the region's different cities and countries.

SESSION 4 THEME Title: "Human Health"

With experiences in fields such as behavioural psychology and urban planning that seek to understand how the human health condition is produced and can be better managed, our speakers will delve into the world of health development from a non-medical point of view, offering perspectives from ASEAN and beyond. The speakers will unpack how cities and countries across the region are working towards SDG 3 (Good Health and Wellbeing), as well as the latest trends and technologies shaping the work. Finally, the speakers will also touch on how community resilience, ground-up coordination, and social innovation can make a big difference in public health outcomes in Asia.

Day 1 - 18TH July 2022



Singapore



DAILY DETAILS

9.15 TO 10.15	Registration & Networking
10.15 TO 10.25	Welcome Remarks Mr. Toshiaki Higashihara Director, Board of Directors, Executive Chairman, Representative Executive Officer, Hitachi, Ltd.
10.25 TO 10.35	Opening Address Mr. Yoshiaki Takahashi Deputy Chief of Mission, Minister, Embassy of Japan in Singapore
10.35 TO 10.45	Guest-of-Honour Address Ms. Low Yen Ling Minister of State, Ministry of Trade and Industry & Ministry of Culture Community and Youth
10.45 TO 11.10	Morning Tea Break & Group Picture
11.10 TO 11.20	Keynote Speech Tan Sri Datuk Dr. Rebecca Sta Maria Executive Director, Asia-Pacific Economic Cooperation (APEC) Secretariat
11.20 TO 11.30	Opening Plenary Remarks Mr. Kojin Nakakita

Vice President and Executive Officer, Hitachi, Ltd.

Chairman, Hitachi Asia Ltd. Chairman, Hitachi India Pvt. Ltd.

Day 1 - 18[™] July 2022



Singapore



DAILY DETAILS

11.30 TO 12.30

Plenary Session I:

"Social Innovation in the New Normal: Future Cities"

- Dr. Khee Poh Lam, PhD, FRIBA, FIBPSA, Provost's Chair Professor of Architecture and the Built Environment College of Design and Engineering, National University of Singapore (NUS) Professor Emeritus, Carnegie Mellon University
- Mr. Chintan Raveshia, Cities Business Leader, Southeast Asia and Markets & Clients Leader, Singapore
- Mr. Poon King Wang, Director, Lee Kuan Yew Centre for Innovative Cities (LKYCIC), Singapore University of Technology and Design (SUTD)
- Mr. Theo Scherman, Chief Strategy Officer, Hitachi Asia Ltd.
- Moderated by Ms. Dian S. Anderson, Assistant Director, EB Impact

12.30 TO 13.30

Lunch Reception

13.30 TO 14.45

Plenary Session II:

"Social Innovation in the New Normal: Clean Energy"

• Dr. Lee Poh Seng, PhD, FASME, FEI, FIES, Executive Director,

Energy Studies Institute (ESI)

Director, Singapore Energy Centre (SgEC)

Director, Centre for Energy Research & Technology (CERT) Programme Director, Cooling Energy Science & Technology Singapore (CoolestSG)

Associate Professor, Department of Mechanical Engineering, National University of Singapore (NUS) and Founder, CoolestDC Pte Ltd

- Mr. Robin Pho, Founder and CEO, Right People Renewable Energy (RPRE)
- Mr. Alain Mahieu, Manager Sustainability Solutions, ENGIE Impact
- Ms. Yvonne Toh, Managing Director, Hitachi Energy Singapore Pte. Ltd.
- Moderated by Mr. Liang Lei, Correspondent, Eco-Business

Day 1 - 18TH July 2022



Singapore



DAILY DETAILS

14.45 TO 16.00

Plenary Session III:

"Social Innovation in the New Normal: Water Solutions"

- Dr. Adil M. Dhalla, Managing Director, START Centre, and COO, NEWRI
- Ms. Dawn McGregor, Business Engagement Lead, China Water Risk
- Mr. Nimesh Modak, Managing Director, Imagine H2O Asia
- Mr. Tang Chay Wee, Chief Operating Officer, Hitachi Asia Ltd.
 Chief Marketing Officer, APAC Water & Environment Business and APAC Strategic Management Office
- Moderated by Mr. Ami Firdaus, Programme Manager, Eco-Business

16.00 TO 16.30

Afternoon Tea Break

16.30 TO 17.30

Plenary Session IV:

"Social Innovation in the New Normal: Human Health"

- **Dr. Jean Liu,** Assistant Professor (Psychology), Yale-NUS College Consultant, World Health Organisation
- Ms. Elaine Tan, Director, Research, Centre for Liveable Cities
- Mr. Chew Huat Seng, Managing Director of Hitachi Asia (Malaysia) Sdn. Bhd., General Manager of Industrial Business Group,
- Hitachi Asia Ltd.
 Moderated by Ms. Meaghan See, Director of Partnerships, Eco-Business

17.30 TO 17.40

Closing Remarks

Ms. Megumu Tsuda

Corporate Officer

General Manager, Sustainability Promotion Division, Hitachi, Ltd.

17.40 TO 18.00

Group Picture & Farewell to Day 1 Guests

Day 2 - 19TH July 2022



Singapore



9.30 TO 12.30	Site Visit
12.30 TO 13.30	Lunch Reception
13.30 TO 15.00	Workshop 1
15.00 TO 15.30	Afternoon Tea Break
15.30 TO 17.30	Workshop 2
17.30 TO 18.30	Dinner with respective groups

Day 3 - 20TH July 2022

Singapore

9.30 TO 12.30	Site Visit
12.30 TO 13.30	Lunch Reception
13.30 TO 15.00	Workshop 3
15.00 TO 15.30	Afternoon Tea Break
15.30 TO 17.30	Workshop 4
17.30 TO 18.30	Dinner with respective groups

Day 4 - 21ST July 2022



Singapore



DAILY DETAILS

9.00 TO 9.30	Registration	
9.30 TO 9.35	Welcome	
9.35 TO 9.45	Welcome Speech	
	Mr. Takatoshi Sasaki Managing Director, Hitachi Asia Ltd.	
9.45 TO 10.00	Welcome Address by Lead Advisor	
	Advisory Panel Leader Advisor: Ms. Meryl Koh, Board Member, Board of Directors, EB Impact Mr. Thomas Thomas, Chief Executive Officer, ASEAN CSE Network Mr. Tan Szue Hann, Co-founder, IxSA and Chairman of Sustainability, Singapore Institute of Architects Dr. Gerald Hane, Senior Executive for APAC, General Manager for Corporate Strategy, Hitachi Asia Ltd.	
10.00 TO 10.30	Morning Tea Break	
10.30 TO 11.00	Student Presentation 1	
11.00 TO 11.30	Student Presentation 2	
11.30 TO 12.00	Student Presentation 3	
12.00 TO 12.30	Student Presentation 4	
12.45 TO 13.45	Lunch Reception	
13.45 TO 14.05	Student Presentation Feedback by Lead Advisor	
14.05 TO 15.20	Closing Ceremony Mr. Takatoshi Sasaki Presenting each student delegate a Certificate of Participation	
	Closing Remarks Ms. Megumu Tsuda Corporate Officer General Manager, Sustainability Promotion Division, Hitachi, Ltd.	

Day 4 - 21ST July 2022



Singapore



DAILY DETAILS

19 40 TO 21 00	Cultural Night
	Dr. Gerald Hane Senior Executive for APAC, General Manager for Corporate Strategy, Hitachi Asia Ltd.
19.30 TO 19.40	Opening of Cultural Night
18.30 TO 19.30	Cultural Dinner
16.00 TO 18.30	Preparation for Cultural Night
15.20 TO 16.00	Afternoon Tea Break & Group Picture





Edible Garden City (19 July 2022)

Experiencing a multi-sensory farm tour, including stops at an indoor microgreens room, outdoor gardens, and container farms, students will discover a fresh view of Singapore, take a peek behind the scenes of Singapore's burgeoning agriculture industry and learn about the closed-loop and minimal-waste model of growing vegetables that are adopted here that can be used as a platform to create a more inclusive and healthy society.

Gaia Trail - Coney Island Trail (20 July 2022)

There is no better classroom than the great outdoors. The Coney Island Trail is programmed to generate greater appreciation of our unique bio-diversity heritage as well as the delicate eco-system balance that is so critical for our continued well-being but yet often overlooked and taken for granted. At one of Singapore's most prominent coastal forests, students will see how crucial these eco-systems are to supporting the entire environment as a whole, all while being part of a living, breathing network of different animals and plants.

STUDENT PRESENTATIONS (21 July 2022)

Student Presentations are a comprehensive summary of the students' learning from the interactions with prominent leaders and experts, exchange of ideas at workshops and their visits to Edible Garden City and Coney Island Trail. Their presentations will be heard by a distinguished panel of advisors specially selected to represent the views of ASEAN. The highlights of the presentations will be included in a white paper and will be issued after the HYLI 2022 programme.

CULTURAL NIGHT (21 July 2022)

To showcase each of the HYLI countries' culture, heritage and celebrate the diversity of cultures across Southeast Asia and Japan, students in groups by country will present their country's culture at the Cultural Night on the last day of the HYLI 2022. There will also be a performance and workshop by Hibikiya Taiko Troupe for the students to learn more about the culture of Japan.

PROGRAMME FOR STUDENT DELEGATES





Guest-of-Honour Address - 18 July

MS. LOW YEN LING

Minister of State, Ministry of Trade and Industry & Ministry of Culture, Community and Youth

Ms Low Yen Ling is presently the Minister of State for the Ministry of Trade and Industry (MTI) and Ministry of Culture, Community and Youth (MCCY). Prior to that, she was the Senior Parliamentary Secretary for the Ministry of Education (MOE) and the Ministry of Manpower (MOM).

Ms Low began her career in the private sector with experience in financial institutions and a start-up venture. Thereafter, she joined the Singapore Economic Development Board and in her decade of service, played a key role in strengthening Singapore's entrepreneurial landscape and professional services sector.

Drawing on her strong ties with the local business community, Ms Low is presently Advisor for the Singapore Business Federation's (SBF) SME Committee (SMEC) and Singapore Chinese Chamber of Commerce and Industry's (SCCCI) Trade Association Committee (TACOM). She also serves on the multi-agency national SG Clean taskforce to uphold high standards of public and personal hygiene beyond Covid-19

With a heart for the underprivileged, Ms Low continues to serve as a board member of the Chinese Development Assistance Council (CDAC) where she steers its Student and Parent Education Committee to expand the organisation's reach and support to low-income students and families.

Ms Low also spearheaded the drive to improve communications and public awareness of SkillsFuture, the national lifelong learning movement. These efforts were synergistic with her responsibility as Senior Parliamentary Secretary of MTI where she aligned the government's SkillsFuture thrust with several Industry Transformation Maps (ITM) to help businesses meet the challenges of a changing economy. At MOM, Ms Low advanced the interests and skills of workers, focusing on older Singaporeans, women and young graduates.



Opening Address - 18 July

MR. YOSHIAKI TAKAHASHI

Deputy Chief of Mission, Minister, Embassy of Japan in Singapore

Mr. Yoshiaki Takahashi assumed his post in September 2021 after his completion of the previous post as the Charge d'Affairs ad interim of Embassy of Japan in Afghanistan when Kabul fell last year.

He joined the Ministry of Foreign Affairs in 1991 and has covered different areas varying from public affairs to security issues. As for the overseas posts prior to Singapore, he worked in the Embassies in the US, Thailand, the Netherlands, and Afghanistan.

He earned a master's degree of Science in Computational Mathematics from the Tokyo Institute of Technology and a Master of Arts in International Development Policy from the graduate school of Stanford University.



Keynote Speech - 18 July

TAN SRI DATUK DR. REBECCA STA MARIA

Executive Director, Asia-Pacific Economic Cooperation (APEC) Secretariat

Rebecca Sta Maria is the executive director of the Asia-Pacific Economic Cooperation (APEC) Secretariat based in Singapore where she advises and provides support for APEC's 21 diverse member economies.

Dr Sta Maria spent years as a top-level civil servant and trade negotiator in Malaysia. As Secretary-General of the Ministry of International Trade and Industry she oversaw the formulation of Malaysia's positions in major agreements such as the Trans-Pacific Partnership. And, as representative to the Association of Southeast Asian Nations, Dr Sta Maria chaired the body that drafted ASEAN's economic community blueprints for 2015 and 2025.





Welcome Remarks - 18 July

MR. TOSHIAKI HIGASHIHARA 東原 敏昭 Director, Board of Directors, Executive Chairman, Representative Executive Officer, Hitachi, Ltd.

Toshiaki HIGASHIHARA, is Director, Executive Chairman, Representative Executive Officer of Hitachi, Ltd.

As Executive Chairman of Hitachi, Ltd. after serving as Executive Chairman & CEO since June 2021 and President & CEO since 2016, Higashihara leads a global organisation of over 800 companies and 350,000 employees worldwide. Under Higashihara's leadership, Hitachi is positioning itself as an innovation leader and partner for the IoT era, with the goal of growth as a company and sustainable development of society as a whole. He has been directing the global organisation to focus on Social Innovation in three sectors (Green Energy & Mobility, Digital System & Service, and Connective Industries) to ensure that Hitachi delivers intelligent societal infrastructure, and to work with stakeholders through collaborative creation for the development of digital solutions that will raise quality of life in societies and values for customers.

Prior to his current position, Higashihara has held several executive leadership positions in Hitachi business units and affiliated companies, including President of Hitachi Power Europe GmbH, President of Hitachi Plant Technologies, Ltd. and Chief Operating Officer of Hitachi's Information & Telecommunications Systems Group.

Higashihara holds a Bachelor of Engineering in Electrical Engineering from Tokushima University and a Master of Science in Computer Science from Boston University.





Opening Plenary Remarks - 18 July

MR. KOJIN NAKAKITA

Vice President and Executive Officer, Hitachi, Ltd. Chairman, Hitachi Asia Ltd. Chairman, Hitachi India Pvt. Ltd.

Mr. Kojin Nakakita is Vice President and Executive Officer of Hitachi, Ltd. and concurrently Chairman of Hitachi Asia Ltd. and Hitachi India Pvt. Ltd. He spearheads Hitachi's growth in Asia Pacific, leading the regional strategies.

Mr. Nakakita began his career with Hitachi in 1988 in the Heavy Industry Department, Headquarters Sales Office. Over the years, he has been in various portfolios developing Hitachi's business in social infrastructure, particularly in the water treatment, smart cities and heavy industry equipment sectors. As Manager of the Security Systems Department, Industrial Plant Sales Division, Industrial Systems Sales Operation Group, Power & Industrial Systems Group, Mr. Nakakita spearheaded new market opportunities.

From 2009, Mr. Nakakita led business divisions as the General Manager of the Environmental Energy Equipment Department, Industrial Solutions Sales Division, Sales & Marketing Division, Industrial Systems Group and subsequently the Global Project Department, Global Project Office, Sales & Marketing Division, Industrial and Social Infrastructure Systems Company.

Between 2014 to 2017, Mr. Nakakita was based in India, heading Hitachi India Pvt. Ltd. as its Managing Director. From 2017, he relocated to Singapore following his appointment as Corporate Officer of Hitachi, Ltd., Chairman of both Hitachi Asia Ltd. and Hitachi India Pvt. Ltd.

Mr. Nakakita graduated with a Bachelor of Science from the United States International University. He is currently based in Singapore.

SPEAKERS





Opening Remarks - 21 July

MR. TAKATOSHI SASAKI Managing Director, Hitachi Asia Ltd.

region.

Mr. Takatoshi Sasaki is the Managing Director of Hitachi Asia Ltd., responsible for growing the operations and expanding Hitachi's Social Innovation Business across the ASEAN

Mr. Sasaki began his career with Hitachi, Ltd., in 1993 where he was involved in promoting Hitachi's IT systems and providing solutions to the Japanese government and the private enterprises in Japan.

In addition to IT systems and solutions, he has also worked closely with large logistics and airline companies in Japan, promoting collaborative creation and providing competitive solutions based on Hitachi's innovative fusion of products together with information technology and operational technology.

Prior to joining Hitachi Asia Ltd., he was Senior Director in the Government & Public Corporation Information Systems Sales Management Division at Hitachi, Ltd.

Mr. Sasaki graduated in 1993 from Nihon University's Faculty of Science and Technology.



Closing Remarks - 18 July Closing Remarks - 21 July

MS. MEGUMU TSUDA

Corporate Officer

General Manager, Sustainability Promotion Division, Hitachi, Ltd.

Appointed in April 2022, Megumu Tsuda is a Corporate Officer serving as the General Manager of Sustainability Promotion Division at Hitachi, Ltd., responsible for accelerating Hitachi's environmental and social value creation.

She joined Hitachi, Ltd. in July 2021 as Deputy General Manager of

Sustainability Promotion Division. Prior to joining Hitachi, Ltd., she served as General Manager of IR Office, Senior General Manager of CSR & Environment Dept., and Senior General Manager of Innovation Dept. successively at Osaka Gas Co., Ltd.

She holds a BA in Educational Sociology from Kyoto University, MBA with honour from the Graduate School of Management, Globis University and was a research fellow at Kennedy School of Harvard University.





Session 1: Future Cities



DR. KHEE POH LAM, PhD, FRIBA, FIBPSA

Provost's Chair Professor of Architecture and the Built Environment College of Design and Engineering, National University of Singapore Professor Emeritus, Carnegie Mellon University

Professor Lam is a licensed architect, educator and researcher who specialises in computational design support systems for total building performance analysis and building diagnostics. He is a member of the Singapore Future Economy Council Urban Systems Cluster Sub Committee, Advisory Panel member of the Centre for Liveable Cities Ltd., Singapore, Advisory Board member of Delos, USA, and Co-Chair of the International Well Building Institute (IWBI) WELL City Advisory.

He is a building performance consultant for several major award-winning projects and certified green buildings in Singapore, China and USA. He was awarded the 2013 Alexander Schwarzkopf Prize from the US National Science Foundation "for exemplary research contribution to technology innovation and positive impact on technology, industry and the society as a whole". He also received the IBM Faculty Award in 2010. He was conferred the inaugural iBuildSG LEAD Distinguished Fellow by the Building and Construction Authority, Singapore in 2020.



MR. CHINTAN RAVESHIA

Cities Business Leader, Southeast Asia and Markets & Clients Leader, Singapore

Chintan Raveshia is the Southeast Asia lead for the Cities business in Arup, a global planning, design and engineering consultancy. An architect and urban designer, he has worked with governments to shape and implement national, regional and precinct-level urban planning and design strategies, and deepened his local understanding and knowledge across many geographies.

In over 20 years, he collaborated on and led some of the most iconic projects around the world including Indonesia's new capital city, Smart Urban Habitat Masterplan in Singapore, London's Stratford City and Dongtan - world first eco city in China . Passionate about climate action, Chintan is undertaking research that galvanises the built environment against climate risks while exploring opportunities in food resilience and active mobility. He is also a World Cities Summit Young Leader alumni, a visiting lecturer at the National University of Singapore and leads Arup Singapore's Markets & Clients strategy, Connect with him on LinkedIn.



Session 1: Future Cities



MR. POON KING WANG

Director, Lee Kuan Yew Centre for Innovative Cities, Singapore University of Technology and Design

POON King Wang is the Director of the Lee Kuan Yew Centre for Innovative Cities at the Singapore University of Technology and Design (SUTD), where he also heads the Smart Cities Lab and the Future Digital Economies and Digital Societies initiative. He is concurrently Senior Director of Strategic Planning at SUTD.

He is on the World Economic Forum's Expert Network on Cities and Urbanisation, Konrad Adenauer Stiftung's Strong Cities 2030 Network, and the Future of Work working group of the Global Partnership on Artificial Intelligence. He was also on two national taskforces on the future of adult learning, and on future services in the digital economy.

His teams' research is recognised in Singapore's National AI Strategy for helping to build a trusted and progressive environment for AI. His team also collaborated with the Infocomm Media Development Authority's Personal Data Protection Commission (under the guidance of the Advisory Council of the Ethical Use of AI and Data) to launch A Guide to Job Redesign in the Age of AI, Singapore's first industry-agnostic guide to help companies manage AI's impact on employees.

He recently received the Public Administration Medal (Silver) for his contributions.



MR. THEO SCHERMAN

Chief Strategy Officer, Hitachi Asia Ltd.

Theo Scherman heads Hitachi's Environment Business Division (EBD) for the APAC region, and also serves as the organisation's Chief Strategy Officer for the Asia Pacific region (APAC).

Theo brings with him extensive expertise in strategic and operational leadership and is a vital member to execute Hitachi's roadmap in the APAC region. Prior to joining Hitachi, he has helped numerous enterprises design, develop, and execute game-changing strategies that transformed visions into tangible results. With more than two decades of experience in transformational growth, Theo has been involved in many industries, including consumer products, telecommunications, health care and the built environment.

As part of his role, Theo spearheads regional projects that aim to tackle climate change and its growing impacts. An example project is the Energy-as-a-Service (EaaS) programme, for large industrial and commercial precincts, in which Hitachi is invested in low and zero-carbon technologies. This project allows industrial parks to generate, store and distribute energy to their facility, eliminating their grid dependency and helping them achieve carbon neutrality. His team is also involved in distributed energy incubation projects, that will enable decarbonisation in the mining industry. Under his leadership the team is also in the working on several environmental projects related to water, carbon tracing and Electric Vehicles.

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Session 1: Future Cities

MODERATOR



MS. DIAN S. ANDERSON Associate Director. EB Impact

Dian is the Associate Director of EB Impact, a non-profit based in Singapore dedicated to delivering training and programmes that advance the UN Sustainable Development Goals.

She has lived in the Southeast Asian region for the majority of her life and is passionate about overcoming social challenges apparent today and is committed to discovering and supporting social innovations in the region. She is also particularly passionate on issues regarding youth, female and minority representation in sustainability conversations, as well as development issues faced in Indonesia; Dian is proudly half Indonesian herself.

Dian has experience in driving systems-changing approaches within education and youth engagement through different initiatives. Alongside this, her professional experience has permitted her to work with the public sector, philanthropic circles and social entrepreneurs on a range of cross-cutting issues and impactful programmes.



Session 2: Clean Energy



DR. LEE POH SENG, PhD, FASME, FEI, FIES

Executive Director, Energy Studies Institute (ESI)
Director, Singapore Energy Centre (SgEC)
Director, Centre for Energy Research & Technology (CERT)
Programme Director, Cooling Energy Science & Technology Singapore (CoolestSG)
Associate Professor, Department of Mechanical Engineering, National University of
Singapore and Founder, CoolestDC Pte Ltd

Dr. Poh Seng Lee is the Executive Director of Energy Studies Institute (ESI) at the National University of Singapore (NUS). He also serves as Director of Centre for Energy Research & Technology (CERT), Director of Singapore Energy Centre (SgEC) and Programme Director of Cooling Energy Science & Technology Singapore (CoolestSG) at NUS. In addition, Dr. Lee is a tenured Associate Professor with the Department of Mechanical Engineering at NUS. His primary research interests are modeling and experimental investigations of high-performance cooling techniques (in particular single and two-phase microchannel cooling) for data centres, energy efficient air conditioning system for buildings and low-grade waste heat recovery for industrial applications.

Dr. Lee is a Fellow of American Society of Mechanical Engineers (ASME), Energy Institute (EI) and Institution of Engineers Singapore (IES). He is also an Associate Editor of both ASME Journal of Heat Transfer and IEEE Transactions on Components, Packaging and Manufacturing Technology (CPMT). He received his BEng and MEng in Mechanical Engineering from NUS in 1999 and 2001 respectively and PhD in Mechanical Engineering from the Purdue University, West Lafayette in 2007. He has been with NUS since 2007, and served as Assistant Dean of Research & Technology from 2015 to 2020.



MR. ROBIN PHO
Founder and CEO, RPRE

Robin Pho is the Founder and CEO of Right People Renewable Energy. RPRE is a 2nd generation family business, and the only certified B Corp in SEA providing renewable energy services. Prior to this, he was running the legacy family business offering specialised manpower services to energy companies in Singapore and Indonesia.

Robin is from the pioneer batch of SMU, and did his Global Executive MBA at INSEAD. His career started in banking working for ABN AMRO Bank and UBS Private Banking.

He is a non-executive director and board member of the Family Business Network Asia, and Forum for the Future Asia. Robin and his wife are parents to twin boys.

Session 2: Clean Energy



MR. ALAIN MAHIEU

Manager Sustainability Solutions, ENGIE Impact

Alain is a passionate sustainability specialist with a focus predominantly on decarbonisation and climate change risk. He works with large organisations to support their sustainable transformation, from the development of sustainability strategy, through to supporting the implementation of sustainability initiatives. On the energy front, Alain frequently supports MNCs to design their renewable energy strategy across APAC, providing technical advice on how to embrace renewable energy in the most additional and efficient manner. More recently he has supported the procurement of renewable energy using a variety of mechanisms across different jurisdictions.

While Alain focuses more on environmental themes, earlier in his career he gained extensive experience in the social impact space having worked across the African continent for most of his career. Projects typically entailed the use of systems thinking to evaluate the actual impact of investments made into least developed countries and the implications for key local stakeholders. Through these exercises he has built an appreciation for understanding the unique complexities of each society, and the importance of integrating multiple stakeholders into the planning of socio-economic development projects.

Motivated by creating a positive impact, Alain has fully focused his professional career on the sustainability space. He holds 9 years of experience in sustainability consulting, underpinned by a Masters degree in Sustainable Development Planning and Management from the University of Stellenbosch in South Africa. Outside the workplace, he spends much of his personal time feeding his passion for nature.



MS. YVONNE TOH

Managing Director, Hitachi Energy Singapore Pte. Ltd.

Yvonne Toh is the Managing Director of Hitachi Energy in Singapore. She took up her present role in May 2022, after leading the divestment of the Power Grids business in Southeast Asia as the Finance Director since 2020.

Prior to this, Yvonne was in several leadership positions in multinational companies including Volvo and Siemens where she partnered with business leaders to drive growth and profitability in Asia Pacific.

A member of Hitachi Energy's Global Women's Network, Yvonne is passionate in promoting diversity, ensuring that the female community gets fair access to opportunities and support in the workplace.

Yvonne graduated from the Singapore Management University with a degree in Accountancy and is an alumnus of the IESE Business School. She is a Chartered Accountant and an active member of the Institute of Singapore Chartered Accountants.

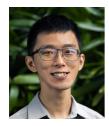


Session 2: Clean Energy

MODERATOR



Correspondent, Eco-Business



Liang Lei writes about Asia Pacific's energy transition at Eco-Business. He is also passionate about biodiversity conservation and science communication. His background includes TV journalism and feature writing. Liang Lei has a double major in Environmental Studies and Communications from the National University of Singapore.

Session 3: Water Solutions



DR. ADIL M. DHALLA
Managing Director, START Centre, and COO, NEWRI

Dr. Adil Dhalla is Managing Director, Separation Technologies Applied Research and Translation (START) Centre, funded by Singapore's National Research Foundation. Dr. Dhalla chairs the steering committee of SG MEM, Singapore's Membrane Consortium. He serves on the Water Technology Advisory Panel for PUB, Singapore's national water agency, and Environment and Resources Standards Committee (ERSC), Singapore. Dr. Dhalla is also concurrently Chief Operating Officer and Deputy Executive Director, Nanyang Environmental and Water Research Institute (NEWRI) at Nanyang Technological University (NTU).

With industrial experience spanning twenty nine years, his key areas of professional expertise include the leadership and operational management of large, multifunctional teams, strategic planning, R&D in product/process development and commercialisation. He has co-authored more than 20 issued patents (US and EP), more than 30 GE internal reports and several publications in peer-reviewed international journals.



MS. DAWN MCGREGOR

Business Engagement Lead, China Water Risk

Dawn leads CWR's work to help corporates navigate increasingly disruptive & material risks from water & climate threats, as well as transitional risks in the supply chain arising from new regulations in China. Here, Dawn engages extensively with the global fashion industry delivering on-ground workshops in China to keynotes and strategic input at European HQs. She has written at length on the end of dirty and thirsty fast fashion and her report to overcome gaps between brands and manufacturers for a clean and circular future inspired the industry to create a new wastewater tool.

Dawn also works closely with the property and tourism sectors where she not only conducts strategic assessments of their exposure but builds collective action toward resilience via closed door working groups and invite-only events. Having helped build CWR, Dawn is a frequent keynote, panellist & moderator at events, including being twice selected as the lead-rapporteur at World Water Week. Her articles are cited in various industry publications including the UN's 'World Without Water'. Dawn previously worked in a global investment bank assessing geo-political risk, crisis management and business resiliency. She was born and bred in Hong Kong and has lived in France, England, Singapore and Beijing.



Session 3: Water Solutions



MR. NIMESH MODAK

Managing Director, Imagine H2O Asia

Nimesh leads Imagine H2O Asia (Limited), Imagine H2O's Singapore hub and Asia-Pacific accelerator. Since 2015, Nimesh has served as a startup advisor for Imagine H2O portfolio companies and led the organisation's global programme development. Prior to Imagine H2O, Nimesh worked with economic consulting firm, Nathan Associates Inc. (Singapore & Washington, DC), and more recently worked in strategy and operational roles with Danone's Sustainable Development team and WaterHealth Chana Ltd. He also serves on the advisory board of Burnt Island Ventures, an early-stage water venture fund. Nimesh holds a MBA from the Wharton School at the University of Pennsylvania and a MPA from Harvard Kennedy School of Government.



MR. TANG CHAY WEE

Chief Operating Officer, Hitachi Asia Ltd. Chief Marketing Officer, APAC Water & Environment Business and APAC Strategic Management Office

Mr. Tang Chay Wee is the Chief Operating Officer of Hitachi Asia Limited and serves as the board of directors in various Hitachi group companies & affiliates. He is also the Chief Marketing Officer (CMO) for the APAC Water & Environment Business as well as the APAC Strategic Management Office.

Before being named the COO in 2021, he helmed various positions at Hitachi's group of companies for more than twenty years. He was the Senior Managing Director for Hitachi Aqua-Tech Engineering Pte. Ltd. and continues to serve as Director for Filinvest-Hitachi OmniWaterworks. In 2019, he was the Senior Managing Director at Hitachi Aqua-Tech Engineering Pte. Ltd. and was responsible for leading and diversifying the company's business in the Philippines. Under his leadership, the company developed many effective business strategies and forged great collaborations with partners and local authorities, which was key to Hitachi's growth in the Philippines. He played a vital role in formulating and implementing policies that encompassed the operational, financial, and legal aspects aligning to business and sustainability goals. His foresight has helped the company create long-term value and inroads in important markets and verticals.

Mr. Tang earned a MSc in Safety, Health & Environment from the National University of Singapore, and a B.E. with Honours in Chemical Engineering from the University of Birmingham.

Session 3: Water Solutions

MODERATOR





MR. AMI FIRDAUS
Programme Manager, Eco-Business

Ami manages programmes as part of the Events and Engagement team at Eco-Business where he develops content to support events and partnerships that explore more sustainable futures.

His experience lies in research, programme and partnerships management in areas largely concerning innovation, development and consumer insights. He has worked for organisations across government, corporate, and non-profit fields where he built experience in social innovation programmes, venture capital research, urban development research, and consumer insights for market strategy among others. He has conducted and produced research in areas such as urban development and regenerative economies. He has also driven engagements with various types of partners including social entrepreneurs across Southeast Asia, several MNCs, the UN, as well as several governments and embassies.

Ami has a B.A (Hons) in Anthropology from Yale-NUS College, with a focus on sustainable palm oil from the Indonesian smallholders' perspective. Outside of work, Ami enjoys reading, longboarding, and working out.



Session 4: Human Health



DR. JEAN LIU

Assistant Professor (Psychology), Yale-NUS College Consultant, World Health Organisation

Dr. Jean Liu is an Assistant Professor of Psychology at Yale-NUS College. She conducts research on health and well-being, focusing on the impact of technological advances on our everyday lives. Outside the university, Dr. Liu consults for the World Health Organisation and sits on government advisory committees pertaining to health. She also speaks regularly at public forums, and has been widely featured in the media.



MS. ELAINE TAN

Director, Research, Centre for Liveable Cities

Elaine Tan is currently on a secondment stint as Director (Research) at the Centre for Liveable Cities (CLC), Ministry of National Development, Singapore.

Prior to CLC, Elaine was Director of Strategic Research at the Urban Redevelopment Authority (URA), where she spearheaded URA's R&D efforts in line with the Research, Innovation and Enterprise Council's first RIE2015 plan.

Elaine was also formerly URA's Director of Architecture and Urban Design Excellence, working closely with the industry to advance the state of architecture and urban design in Singapore through new initiatives and programmes including the President's Design Award and Lee Kuan Yew World City Prize.

At the CLC, Elaine continues to advance research frontiers in the areas of urban resilience, climate change, ageing, and health & well-being. She is currently an appointed member of the HealthCity Novena Master Plan 2030 and Beyond Leadership Panel. Internationally, Elaine is appointed Singapore Representative on the Resilient Cities Network and was a mentor to the Urban Land Institute Singapore Mentorship Programme.

Session 4: Human Health



MR. CHEW HUAT SENG

Managing Director of Hitachi Asia (Malaysia) Sdn. Bhd. General Manager of Industrial Business Group, Hitachi Asia Ltd.

Mr. Chew Huat Seng is currently the Managing Director of Hitachi Asia (Malaysia) Sdn. Bhd. He is responsible for the development and promotion of Hitachi's Social Innovation Business in Malaysia and Brunei. He is the first non-Japanese to be entrusted to this position since the establishment of Hitachi Asia Malaysia in 1981.

Mr. Chew started his career with Hitachi in 1993 in the Sourcing Department under the Home Appliance Division. Mr. Chew has extensive experience in international sales and marketing, particularly in energy solution business. In 2004, he was in-charge of renewable energy equipment and the energy solution business at the Industrial System Sales & Marketing Department. Subsequently in 2009, Mr. Chew was promoted as Deputy General Manager of the International Sales & Marketing Department and was heavily involved in the oil & gas sector's rotating equipment business and the energy solution business.

In 2013, he was posted to Hitachi Asia (Malaysia) Sdn. Bhd. as the General Manager of Social Innovation Business Unit and subsequently appointed as the Managing Director in 2017. Meanwhile, he is also the regional general manager of Industrial Business Group in Hitachi Asia Ltd., which covers oil & gas rotating equipment, rail system and Proton Beam Therapy (PBT) system business sector.

Mr. Chew is simultaneously appointed as the Director of Japanese Chamber of Trade and Industry Malaysia (JACTIM), and a member of the SIRIM Research Advisor Council and Adjunct Professor for Azman Hashim International Business School (AHIBS UTM).



MODERATOR

MS. MEAGHAN SEE

Director of Partnerships, Eco-Business

Before joining Eco-Business, Meaghan was the APAC Legal Counsel for a leading financial services institution listed on the London Stock Exchange.

Meaghan has a Masters of Law degree with specialisations in Environmental Law, and Clean Energy and Technology Law. Driven by her experience and passion for ESG and sustainability issues, Meaghan actively contributes to knowledge sharing, exchange and networking in these areas.

Meaghan now oversees partnerships in Eco-Business, where she seeks to build relationships with stakeholders across various industries and sectors, to advance the conversation on sustainable development and ESG performance.



Advisory Panel:

Lead Advisor



MS. MERYL KOH
Board Member. Board of Directors. EB Impact



At Drew & Napier LLC, Meryl is a litigator and a Director in both the Dispute Resolution and Intellectual Property (IP) Departments. She is one of the leading up-and-coming practitioners in litigation in Singapore and is well respected amongst her peers. Meryl has acted in many complex cross-border matters concerning intellectual property infringement, shareholder disputes, defamation and passing off for clients across various industries including software/technology, video gaming, media, F&B and pharmaceutical/life sciences.

In 2019, she was appointed to the panel of experts ("Expert Panellist") for the World IP Organisation's ("WIPO") Fast-Track Intellectual Property Dispute Resolution Procedure for Consumer Fairs. Meryl is also a fellow of the Singapore Institute of Arbitrators.

Meryl is also an advocate for sustainability and young talent development. She believes that when it comes to environmental and social issues, taking personal responsibility is the first and foremost driver for change. Meryl is also a mentor for Relational Mentorship, and PracMentor Scheme under The Law Society of Singapore, The Advisory Singapore's Mentorship Programme as well as a member of the International Trademark Association's Young Professionals Committee. She holds a double degree in law and accounting from the University of New South Wales, Sydney, Australia and is dual-qualified in Singapore and Australia.





MR. THOMAS THOMAS

Chief Executive Officer, ASEAN CSR Network

Thomas played an integral role in the set-up of ASEAN Corporate Social Responsibility Network (ACN) in 2010 and as CEO, continues to provide oversight and strategic direction for the organisation. ACN was established to promote and enable responsible business conduct in ASEAN Member States. ACN is the responsible and inclusive business champion with the ASEAN Business Advisory Council. They developed a Code for Responsible and Inclusive Business and is building up the ASEAN Responsible and Inclusive Business Alliance (ARAIBA) to be the region's network of businesses supporting responsible business conduct. Thomas is driving this initiative.

Thomas has extensive experience in CSR and responsible business conduct, serving on various initiatives in the region and globally, including the Steering Committee of the Global Business Network on Forced Labour and in the development of the ISO26000, International Social Responsibility Guidance Standard. He serves on the UN Economic and Social Council for Asia Pacific (ESCAP)'s Business Advisory Council, an initiative to consult the private sector and other relevant stakeholders on business related policy issues of importance to Asia and the Pacific.

Thomas was the lead writer of the baseline study on CSR and human rights in ASEAN for the ASEAN Intergovernmental Commission on Human Rights (AICHR) in 2014. Thomas had been active with trade unions, co-operatives, the consumer movement and social enterprises and also served as a Nominated Member of Parliament in Singapore.



MR. TAN SZUE HANN

Co-founder, IxSA and Chairman of Sustainability, Singapore Institute of Architects

Mr. Tan Szue Hann is an Architect and sustainability development professional. He is the Co-Founder of sustainability innovation think tank IxSA, and Chairman of Sustainability at the Singapore Institute of Architects. He is also an adjunct lecturer at the Building Construction and Authority (BCA) Academy, and a World Cities Summit Young Leader.

Szue Hann was also Singapore's 2015-16 Young Green Architect of the Year, and a Minister's Award recipient (2017). In 2017, he was inducted into Generation T, a group of influencers below the age of 40, and one of Cartier's 5 Bright Sparks, by Singapore Tatler. In 2019, he was listed as one of Prestige Magazine's 40 Under 40.

Szue Hann's portfolio of work includes the award-winning ParkRoyal on Pickering, the SPACE Asia Hub and the O&M HQ with WOHA; the BCA SkyLab, a state-of-the-art rotatable test bed for building technologies, which won a Minister's Award on National Day, 2017; an IT campus in Bangalore, and a smart city master plan in Bangkok, while he was heading Sustainability at Surbana Jurong.

Szue Hann's skills are in planning, management, design thinking, and translating design into good real estate value. He believes many of the world's problems can be solved through sustainability consciousness and design.







DR. GERALD HANE Senior Executive for APAC General Manager for Corporate Strategy, Hitachi Asia Ltd.

Gerald Hane currently serves as Senior Executive for APAC and General Manager for Corporate Strategy with Hitachi Asia, after serving as Global Operations Counsellor for the Social Innovation Business Division of Hitachi Ltd. He has a career of over four decades in policy, business and innovation to advance initiatives for sustainability and societal impact. Dr. Hane is also a Visiting Lecturer and Research Fellow at the Graduate Research Institute for Policy Studies in Tokyo where he focuses on disruptive inclusive innovations and related policies, and a Visiting Research Fellow with the Health and Global Policy Institute where his interest is mental wellness.

Previously, Dr. Hane was the President and CEO of Battelle-Japan a joint venture of Battelle Memorial Institute, the world's largest independent, non-profit research organisation, and the Mitsubishi Corporation. Prior to taking this position, Dr. Hane worked with venture companies, investors, the U.S. government and science and technology organisations in Asia regarding innovation-based business development and promotion. He has served as an advisor on the International Advisory Committee of the Prime Minister of Japan's Cabinet Council on Science, Technology and Innovation, and advisor to the National Institute of Science and Technology.

Dr. Hane has also served as the head of International Strategy and Affairs at the White House Office of Science and Technology Policy (OSTP), with a concurrent position with the National Security Council during the Clinton Administration. Before entering OSTP, Dr. Hane was a Professional Staff Member of the Committee on Science, Space, and Technology of the U.S. House of Representatives. He has been a Visiting Researcher at the National Institute of Science and Technology Policy (NISTEP) of Japan's Science and Technology Agency, and began his career as a Research Engineer with the Pacific Northwest National Laboratory.

Dr. Hane received his Ph.D. in Political Economy and Government from Harvard University and has B.S. and M.S. degrees in Mechanical Engineering from Stanford University.

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