

CARBONCARE INNOLAB

ASIA SOLAR ENERGY FOR
CLIMATE CHANGE CONFERENCE

A
S
E
C
C
C

CONFERENCE PROCEEDING BOOKLET 2025

ASECCC

ASIA SOLAR ENERGY FOR CLIMATE CHANGE CONFERENCE

PROCEEDING SERIES

- **ASIA SOLAR ENERGY FOR CLIMATE CHANGE CONFERENCE (ASECCC) 2025**
- SUMMARY OF THE ASIA SOLAR ENERGY FOR CLIMATE CHANGE CONFERENCE ORGANISED BY CARBONCARE INNOLAB HELD ON 27-29 August 2025
- **CARBONCARE INNOLAB (CCIL)**
HONG KONG, 2025

FOREWORD

CarbonCare InnoLab (CCIL) is delighted to organise the Asia Solar Energy for Climate Change Conference (ASECCC) 2025 for the third consecutive year. This year our theme is “Powering Asia’s Resilience with Solar”, which embeds a critical truth that we believe: resilience is no longer optional—it is the foundation for thriving and surviving in an era of climate crises. Solar energy is one of the vital cornerstones of global just transition, offering a pathway to the sustainable and inclusive future for our cities and communities.

While 2025 marks the 10th anniversary of the Paris Agreement, tragically global temperatures continue to rise leading to serious heatwaves worldwide, which drive up energy consumption, exacerbate carbon emissions, and intensify climate risks. COP30 in Belém highlighted the sad reality that, despite discussions over the years, efforts to limit warming to 1.5°C remain insufficient due to the persistent failures in international cooperation amid denial and geopolitical divisions. The World Meteorological Organisation has reported an alarming record that average global temperatures in November 2025 were 1.54°C above pre-industrial levels and the data from 2023 to 2025 has shown record-breaking temperature rises as well. The United Nations Secretary-General António Guterres noted that “the gap between where we are and what science demands remains dangerously wide,” emphasising the need for “deep, rapid emission cuts” to keep the temperature goal within reach.

Regardless how global delegates reaffirmed commitments to triple renewable energy capacity by 2030, COP30 failed to deliver a clear commitment or timeline for phasing out fossil fuels. This gap underscores why we need more ambitious goals and urgent actions to rapidly scale renewable energy under a just transition framework. In the same August of ASECCC 2025, CCIL has also conducted a heat survey for vulnerable groups in Hong Kong and the findings have shown the groups have suffered from serious physical and health impacts due to prolonged heatwaves in our community. We are now at the critical time point to urge for a hopeful solution, and developing clean and renewable energy should play a vital role to cope with these challenges.

According to Ember’s Global Electricity Review 2025, it reports that solar has been the fastest-growing electricity source worldwide for twenty years, where its output has doubled in just three years, surpassing 2,000 TWh, earning its reputation as “the engine of the global energy transition.” Meanwhile, the International Energy Agency (IEA)’s World Energy Outlook 2025 echoes this, warning that as demand surges—driven by transport electrification, cooling, and data—renewables and electrification are essential for energy security, resilience, and affordability.

The imperative for renewable energy goes beyond emissions—it directly strengthens communities where it counts. ASECCC 2025 especially shapes the three-day discussions on how solar innovation can strengthen urban resilience, drive environmental sustainability, and empower communities. Climate justice being the core value of CCIL, we explore solutions that go beyond technology—integrating policy, finance, and social equity to ensure that the benefits of renewable energy reach everyone, especially the most vulnerable. From resilient health systems and green jobs to circular solar economies and youth-led initiatives, this Conference is a platform for collaboration and action for practical applications.

CarbonCare InnoLab remains committed to contribute to climate justice through community-based mitigation and adaptation practices, youth empowerment, and interdisciplinary partnerships. Our **SolarCare Programme** continues to expand across Hong Kong, demonstrating how local action can contribute to global goals. Together with our partners and supporters, we aim to turn ambition into impact.

I extend my deepest gratitude to our speakers, supporting organisations and participants for making this gathering possible. Asia, home to more than half of the world’s population and the fastest-growing energy demand, must lead this charge. Let us continue the partnership to reaffirm Asia’s leadership in renewable energy and power a sustainable future with just and inclusive energy transition.



Ivy Leung
*Executive Director,
CarbonCare InnoLab*

EDITORIAL NOTE

The opinions, views, and perspectives expressed in the Asia Solar Energy Conference for Climate Change Conference proceedings belong to the individual authors and do not necessarily reflect the official policy or position of the conference organisers, sponsors, or affiliated institutions. It is essential to consider the information presented within the proceedings as purely informative and not as professional advice or endorsement.

The organisers, authors, and editors of the conference proceedings shall not be held liable for any direct, indirect, incidental, special, consequential, or exemplary damages that may arise from the use or misuse of the information contained therein. Users are encouraged to exercise their own judgment and discretion when interpreting and applying the findings presented.

It is important to note that the inclusion of any company, product, service, or organisation in the conference proceedings does not constitute an endorsement by the conference organisers, sponsors, or affiliated institutions. The proceedings serve as a platform for the exchange of ideas and research findings, and any reference to external entities is not an explicit endorsement of their offerings.

The copyright of the Asia Solar Energy Conference for Climate Change Conference Proceedings' content and the condition of the materials associated with this publication are reserved and owned by CarbonCare InnoLab (CCIL). Reproduction, distribution, or unauthorised use of any material from the proceedings without proper permission from the copyright holders is strictly prohibited.

ABOUT



CarbonCare InnoLab

CarbonCare InnoLab (CCIL) is a non-profit dedicated to advancing climate justice and creating sustainable solutions for a just transition to a low-carbon society. Through innovative approaches, community engagement, and multi-stakeholder collaboration, CCIL aims to empower society to effectively respond to the climate crisis. Additionally, we conduct research and educational initiatives to inspire climate ambition in Hong Kong and other cities in the region. We believe there is great value in an organisation which combines knowledge of the intricate issues of climate mitigation, adaptation, and resilience, with the upbeat and youthful call to innovate, participate, and act.

Contributors of CCIL to the Asia Solar Energy for Climate Change Conference

The Asia Solar Energy for Climate Change Conference (ASECCC) recognises the vital contributions of the CCIL team members who support its mission of knowledge sharing and professional growth. From conference designers and event organisers to speaker outreach and technical support staff, these individuals play a crucial role in enhancing the quality and impact of the organisation's publications and initiatives, making them indispensable to the success of ASECCC.



Chan Yau Chong
Co-founder and Board Advisor



Prof Andrew Mak
Board Chairman



Ringo Mak
Board of Director



Ivy Leung
Executive Director



Dr Alissa Tung
Programme Director



Hiu Chung Kwok
Senior Programme Manager



Gigi Lam
Programme Manager



Kylie Lai
Programme Manager



Ken Tai
Project Manager



Kevin Li
Researcher



Wai Fun Ho
Policy Analyst



Angus Fung
Technical Officer



Karly Ip
Programme Officer



Roy Chow
Senior IT &
Administrative Officer

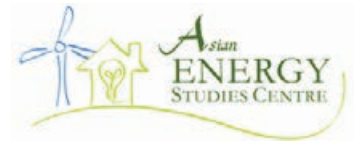
SUPPORTING ORGANISATIONS



350.org Asia



Asia Clean Energy Partners



Asian Energy Studies Centre,
Hong Kong Baptist University



CityNet



Climate Action Network
Japan



Climate Action Network
Southeast Asia



Climate Finance Asia



Hong Kong Laureate Forum



ICLEI Southeast Asia



Jockey Club Museum of
Climate Change



Transitions Research

CONTENTS

FOREWORD	03
EDITORIAL NOTE	05
ABOUT	06
SUPPORTING ORGANISATIONS	08
A. INTRODUCTION	10
B. OVERVIEW OF THE CONFERENCE	11
1. Welcome Remarks and Opening Keynote Address	11
2. Thematic 1: Energy Systems Resilience	12
3. Thematic 2: Environmental Sustainability	14
4. Thematic 3: Social Resilience and Equity	17
5. Closing Fireside Chat	16
C. LIST OF SPEAKERS	18
D. LIST OF MODERATORS	26
E. SESSION RUNDOWN	29
F. ANNEX	31

A. INTRODUCTION



The Asia Solar Energy for Climate Change Conference (ASECCC 2025) was held virtually from August 27–29, 2025, organised by CarbonCare InnoLab (CCIL). This year's theme, "Powering Asia's Resilience with Solar," called on governments, institutions, the private sector, civil society, and all stakeholders to prioritise renewable energy and take bold, transformative action for a resilient future.

Climate change remains one of the most urgent challenges facing humanity, as the world continues to fall short of the 1.5°C target outlined in the Paris Agreement. The World Meteorological Organisation (WMO) confirmed that 2024 was the hottest year on record, with global average surface temperatures reaching 1.55°C above pre-industrial levels (1850–1900). These alarming figures underscore the critical need for immediate, decisive climate action.

Asia is among the world's most vulnerable regions to climate change, facing rising sea levels, extreme heat waves, floods, droughts, and increasingly unpredictable weather events. Millions of people, particularly in densely populated urban centres and coastal zones, are already at risk. As COP30 approaches, nations are preparing the next cycle of their Nationally Determined Contributions (NDCs)—a critical opportunity for global alignment to limit warming to 1.5°C. Cities, as hubs of economic activity and population density, have the power to drive localised climate action, implement innovative solutions, and set examples for scalable renewable energy adoption. They play a central role in strengthening the ambition, quality, and implementation of NDCs to achieve sustainable development, build resilience, and address key climate vulnerabilities.

ASECCC 2025 provided a vital platform to advance renewable energy solutions, with a strong emphasis on solar energy and a commitment to a just energy transition. The conference focused on how cities can harness Asia's vast solar energy potential, advocate for ambitious NDCs, and demonstrate how solar energy can reduce greenhouse gas emissions while enhancing urban climate resilience.

By bringing together leaders from government, academia, the private sector, and civil society, ASECCC 2025 aimed to accelerate Asia's renewable energy transition. Through fostering collaboration, showcasing innovative urban solutions, and inspiring actionable strategies, the conference sought to empower cities as key agents of change in shaping a resilient, climate-ready future for Asia.

B. OVERVIEW OF THE CONFERENCE

ASECCC 2025, themed *Powering Asia's Resilience with Solar*, focused on advancing sustainable solar energy solutions to support a resilient future. Centered on three key areas—energy systems resilience, environmental resilience, and social resilience—ASECCC emphasised the co-benefits of mitigation and adaptation. By addressing the role of solar energy in enhancing energy security, mitigating climate change, conserving resources, and improving quality of life, the event aimed to accelerate the adoption of renewable energy across Asia. Through these efforts, ASECCC 2025 sought to lay the foundation for a sustainable, equitable, and resilient future regionally and globally.

1. Welcome Remarks and Opening Keynote Address

ASECCC 2025 opened with Ms. Ivy Leung (Executive Director, CCIL) highlighting the conference's focus on solar energy solutions for climate resilience across Asia. She acknowledged key challenges like upfront costs and recycling, while emphasising practical approaches through innovative financing and circular economy models.

Professor Winston Chow (Co-chair, IPCC Working Group II) noted Asia's warming has exceeded 1°C above pre-industrial levels. He shared that solar and wind are now cheaper than fossil fuels and stressed that achieving net-zero requires inclusive, community-driven approaches. He invited participants to contribute Asian case studies on solar adoption to the upcoming IPCC AR7 assessment.

Speakers:



Ivy Leung

Executive Director,
CarbonCare InnoLab



Prof. Winston Chow

Co-Chair of IPCC Working
Group II, Intergovernmental
Panel on Climate Change
(IPCC)

2. Thematic 1 : Energy Systems Resilience

Focus: Highlighted the critical role of solar energy in enhancing energy security by reducing dependence on fossil fuels and centralized grids. Emphasized technological advancements as essential for improving system performance and ensuring reliable power supply to build resilient urban futures.

2.1 Building Resilient Energy Systems in Asian Cities: Unlocking Solar Potential

This panel explored practical strategies for unlocking solar energy potential in rapidly urbanising Asian cities while ensuring justice and equity. Speakers shared experiences from across Asia, demonstrating how cities face common challenges including fragmented planning, limited financial resources, and policy frameworks lagging behind urban expansion. Case studies revealed both successes and lessons, from city programmes reducing electricity consumption through solar installations, to mega solar parks producing clean energy but displacing communities without proper consultation, denying promised jobs, and excluding marginalised groups from benefits.

The discussion concluded that solar deployment must centre people, justice, and fairness from the outset, while maximising climate finance mechanisms, ensuring mandatory community consent, and implementing safeguards for gender inclusion and equitable benefit distribution.

Speakers:



Engr. Carl Maynard
D. Bequillo

Project Development
Officer and Focal Person
for Energy Efficiency and
Conservation Program,
City Planning and
Development Office City
Government of
Muntinlupa



Chuck Baclagon

Asia Regional Finance
Campaigner, 350.org
Asia



Dr. Pranusha
Kulkarni

Assistant Professor
of General
Management and
Public Policy, Goa
Institute of
Management
(GIM), India



Ken Tai

Project Manager,
CarbonCare InnoLab



Kevin Li

Researcher,
CarbonCare InnoLab

Moderator:

2.2 Optimising Solar Energy Performance in Extreme Weather Conditions: The Role of Tech Solutions

This panel explored how technological solutions can optimise solar energy performance under extreme weather conditions across Asia. Speakers highlighted that Asian countries face severe climate vulnerabilities including cyclones, flooding, heat waves, and dust storms that threaten solar infrastructure, causing structural damage, equipment failures, and significant output losses.

The speakers emphasised that protecting solar infrastructure requires both better design choices upfront and smarter monitoring systems using digital technologies and artificial intelligence. However, implementing protective measures adds 3-8% to upfront costs, which many developers hesitate to include despite these being essential safeguards against climate risks. Speakers recommended overcoming barriers through small-scale pilots, co-creation with utilities, and regulatory sandboxes for testing new approaches.

Speakers:



Akansha Saklani
Energy Access Explorer –
India Lead, World
Resources Institute



Dr. Masaru Yarime
Associate Professor,
Division of Public Policy
(PPOL) and Division of
Environment and
Sustainability (ENVR),
The Hong Kong
University of Science
and Technology (HKUST)



**Utpal
Bhattacharjee**
Senior Technical Lead,
Asian Clean Energy
Partners (ACEP)

Moderator:



Chi Cheung NGAN
Former Senior Manager –
Renewable Energy CLP Group

2.3 Solar Storage in Asia: Turning Solar Energy Oversupply into Opportunity

This panel explored how Asia can transform solar energy oversupply into strategic opportunities through storage solutions. Speakers highlighted that substantial cost reductions now make solar-battery systems economically competitive with traditional fossil fuel plants, enabling steady electricity delivery for over 12 hours daily.

The session highlighted a parallel "wireless revolution" where households bypass centralised grids by installing their own solar panels and batteries, similar to how Asia skipped landlines for mobile phones. Evidence suggests massive quantities of affordable solar panels flow into the region, yet official statistics capture only a fraction, indicating widespread off-grid adoption in remote areas where grid extension is expensive. Speakers recommended utilities adapt business models toward subscription services, while governments establish supportive policies enabling both large-scale and distributed solar-storage systems to address energy access and security challenges.

Speakers:



**Ardhi Arsala
Rahmani**
Research and
Development Director
Youth for Energy
Southeast Asia
(Y4E-SEA)



Kha Nguyen
Energy Transition
Coordinator, AMPERES,
part of Alluvium
Group



**Philip
Napier-Moore**
Energy sector
leader – Asia, Mott
MacDonald

Moderator:



Ringo Mak
Board of Director,
CarbonCare InnoLab

3. Thematic 2: Environmental Sustainability

Focus: Addressing environmental challenges and opportunities in solar adoption, including sustainable supply chains, urban sustainability, and PV system lifecycle management.

3.1 Sustainable Supply Chains: Critical Minerals and Policy strategies for Asia's Just Energy Transition

This panel examined environmental and social challenges from mining critical minerals needed for solar panels and batteries in Asia's renewable energy transition. Speakers presented evidence from Southeast Asian countries revealing severe impacts including water contamination with mercury, air pollution, deforestation, and destroyed livelihoods. A key contradiction emerged: nickel mines producing materials for "green" electric vehicles are powered by coal plants, while indigenous peoples face land seizures without consultation and workers lack safety equipment.

The discussion highlighted that limited supply chain transparency makes minerals untraceable, while weak enforcement plagued by corruption enables violations behind legal facades. Speakers stressed that traceability alone is insufficient without genuine due diligence, while mandatory audits and strengthened accountability closer to mining sites are required, empowering indigenous communities to define consultation on their own terms.

Speakers:



Hsin Hsuan Sun
Director, Corporate
Accountability &
International Affairs,
Environmental Rights
Foundation



**Matthew Burnett
Stuart**
Programme Officer,
United Nations
Interregional Crime
and Justice Research
Institute (UNICRI)



Pochoy Labog
Southeast Asia
Programme
Manager &
Representative,
Business & Human
Rights Resource
Centre

Moderator:



Hiu Chung Kwok
Senior Programme Manager,
CarbonCare InnoLab

3.2 Inspiring Talks: Youth-led Solar Solutions

This session explored how young people can drive meaningful renewable energy change by starting small and leveraging available resources strategically. A youth consultant, Jack Huang, shared practical examples demonstrating that impactful solar projects don't require massive budgets or political power, but rather creative thinking about community needs and practical partnerships.

He emphasised that renewable energy isn't just about electricity generation, and it enables internet access, education, livelihoods, and community empowerment, particularly in underserved areas. Small strategic actions addressing real community problems can create momentum for bigger systemic change when designed thoughtfully.

Speakers:



Jack Huang
Consultant at the UN
Office of Information
and Communication
Technology (OICT)

Moderator:



Wai Fun Ho
Policy Analyst,
CarbonCare InnoLab

3.3 Solar Energy and Urban Sustainability: Addressing the Water–Energy–Food Nexus

This panel explored how solar energy can simultaneously address water access, food production, and electricity challenges in rural Asia. Dual-use systems like solar-powered irrigation and agri-voltaics show 50% higher productivity than single-purpose land use while protecting crops from extreme weather.

The speakers highlighted major challenges including extreme weather events triggering public backlash over waste and water pollution, land-use competition concerns, and broken community trust. Successful dual-use solar requires community-led planning instead of government mandates, strong safety standards and farming practices, and transparent policies proving systems benefit both energy security and local livelihoods.

Speakers:



Makoto Tajima
Board of Director/
Senior Research Fellow,
Institute for Sustainable
Energy Policies (ISEP)



Yuping Chen
Executive Director,
Taiwan Environment
and Planning
Association



**Dr. Deependra
Joshi**
Chief Technical Advisor,
United Nations
Development
Programme (UNDP)

Moderator:



Prof Andrew Mak
Board Chairman,
CarbonCare InnoLab

3.4 Circular Solar Economy: Sustainable End-of-Life Management of PV Systems

This panel examined the growing challenge of solar panel waste as Asia's renewable energy capacity expands. By 2050, 30% of global end-of-life panels will originate from Asian countries. Without proper infrastructure, discarded panels create environmental hazards through toxic leaching and resource wastage, yet most Asian countries lack policies defining financial responsibilities or recycling facilities.

The discussion highlighted that circular economy approaches offer promising solutions but face barriers including high upfront costs and insufficient waste volumes for economic viability. Speakers stressed urgency despite waste peaks occurring decades away, as developing effective policies and infrastructure requires years of preparation. The panel explored pathways including producer responsibilities and government support for recycling infrastructure.

Speakers:



Ivy Leung
Executive Director,
CarbonCare InnoLab



Jinlei Feng
Programme Officer,
Policy Advice,
International
Renewable Energy
Agency (IRENA)



**Khomphakhin
(Ruth)
Pattanachai**
General Manager
Thailand, ALBA
Group Asia Limited



**Dr. Tanvi
Bansal**
Founder, CirclePV
Limited (HKSTP)

Moderator:



Ken Tai
Project Manager,
CarbonCare InnoLab

4. Thematic 3: Social Resilience and Equity

Focus: Exploring how solar energy can enhance social resilience by addressing health, job creation challenges, and community participation to ensure a just energy transition in Asia.

4.1 Solar for Health: Improving Public Health and Healthcare Resilience

This panel explored how solar energy can improve public health outcomes and strengthen healthcare facilities, particularly in vulnerable communities across Asia. Speakers highlighted that climate change is disrupting healthcare energy infrastructure through extreme weather events, leaving facilities without power when demand surges during emergencies.

The session emphasised that solar energy provides reliable power for essential services, from diagnostic equipment and vaccine storage to enabling safe deliveries and telemedicine in remote areas. Community examples demonstrated how solar installations transformed healthcare delivery, restoring health workers' confidence and community trust in facilities that previously operated without adequate lighting. Speakers noted that successful scaling requires raising awareness among healthcare leaders and ensuring proper maintenance systems.

Speakers:



Dr. Jangmoo
Sherpa

Programme Director,
Action for Nepal



Ramon San
Pascual, MPH

Executive Director,
Health Care Without
Harm SE Asia



Saumya Vaish

Consultant,
Energy, Resources
& Growth, OPM
India

Moderator:



Dr Alissa Tung

Programme Director,
CarbonCare InnoLab

4.2 Solar-Powered Resilient Communities: Driving a Just Transition in Asia

This panel explored how to ensure Asia's renewable energy transition benefits everyone, not just selected groups, focusing on solar-powered resilient communities. Speakers shared experiences from indigenous communities, citizen-led initiatives, and community solar projects across Asia, demonstrating that energy transitions must address energy poverty, strengthen livelihoods, and empower women and marginalised groups.

The speakers emphasised that successful just energy transitions require genuine community ownership and participation, not top-down technology delivery. Trust emerged as a critical barrier, particularly regarding government-led initiatives, while community organising and capacity building proved essential for long-term sustainability. Speakers highlighted the need for multi-stakeholder partnerships, regional learning hubs, and innovative financing models to scale these approaches.

Speakers:



Dr. Phoebe Chen
Founder, Taiwan Green
Energy for Charity
Association



Robie Halip
Executive Director,
Right Energy
Partnership with
Indigenous Peoples
(REP)



Dr. Darren
Man Wai Cheung
Research Assistant
Professor, Asian Energy
Studies Centre,
Hong Kong Baptist
University

Moderator:



Wai Fun Ho
Policy Analyst,
CarbonCare InnoLab

4.3 Solar for Jobs: Creating Green Jobs for Social Resilience

This panel explored how solar energy expansion creates green jobs that build social resilience and support just transition across Asia. Speakers shared experiences demonstrating that rapid solar growth demands skilled workers, yet current workforce gaps threaten the global commitment to triple renewable energy capacity by 2030.

The discussion emphasised that green jobs extend beyond technical installation roles, many existing professions also require green skills to support renewable energy systems. Training programmes must address practical barriers and create clear pathways from climate vulnerability to economic opportunity. Speakers highlighted the need for comprehensive policy frameworks, industry-education partnerships, and flexible financing to scale training programmes and ensure the renewable energy transition creates widespread benefits.

Speakers:



Akiko Yamamoto
Regional Team Leader –
Asia & the Pacific
Environment & Energy,
Bangkok Regional Hub,
United Nations
Development
Programme



Arpit Sharma
Chief Executive Officer,
Skill Council for Green
Jobs (SCGJ)



Tom Xiaojun Wang
Founder and Executive
Director, People of Asia
for Climate Solutions



Hiu Chung Kwok
Senior Programme
Manager,
CarbonCare InnoLab

Moderator:



Mark Cheung
Sustainability Analyst,
Schneider Electric/
Co-Founder, NESS

5. Closing Fireside Chat

This closing fireside chat between Chan Yau Chong, Board Advisor to CarbonCare InnoLab, and Dr. Ute Collier, Acting Director of IRENA's Knowledge, Policy and Finance Centre, examined the global state of renewable energy deployment. Dr. Collier acknowledged impressive growth with 585 gigawatts of new renewable capacity added globally in 2024, predominantly solar energy concentrated in Asia.

However, she stressed that financial barriers, not technology costs, now prevent wider adoption. High capital costs driven by geopolitical tensions and poor credit ratings make renewable projects prohibitively expensive in developing countries. Dr. Collier emphasised that humanity has no alternative but to persevere given the climate emergency. The discussion concluded by calling for continued advocacy, strengthened multilateral development aid, and shared responsibility among all stakeholders to achieve climate goals despite political headwinds.

Speakers:



Dr Ute Collier
Acting Director,
Knowledge, Policy and
Finance Centre,
International
Renewable Energy
Agency (IRENA)



Chan Yau Chong
Co-founder and
Board Advisor,
CarbonCare InnoLab

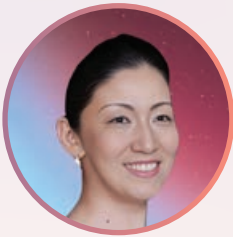
C. LIST OF SPEAKERS



Akansha Saklani

Energy Access Explorer – India Lead, World Resources Institute

Akansha is the India Lead for Energy Access Explorer, currently the only digital public good dedicated to climate-friendly energy transitions. She also oversees AI and data research for the platform. With a background in geospatial analytics, Akansha contributes to advancing data-informed energy planning across diverse contexts. Her work focuses on making sustainable energy access more equitable, affordable, and evidence-driven, particularly in underserved regions.



Akiko Yamamoto

Regional Team Leader – Asia & the Pacific Environment & Energy, Bangkok Regional Hub, United Nations Development Programme

Dr. Yamamoto leads the provision of integrated policy and programme advisory services to UNDP country offices in areas such as natural capital, climate change, energy, chemicals and waste, water and oceans, forest conservation, NDCs, and commodities. She oversees staff efforts to mobilize resources and technical expertise, for catalytic investments and solutions. She supports the team's portfolio oversight in close coordination with regional and country office colleagues, promote partnerships, and represent UNDP in relevant corporate and programmatic initiatives.

She holds a Ph.D. in Environmental Management and Policy and an M.S. in Environmental Engineering from Johns Hopkins University in USA.



Ardhi Arsala Rahmani

Research and Development Director Youth for Energy Southeast Asia (Y4E-SEA)

Ardhi Arsala Rahmani is the Research and Development Director at Youth for Energy Southeast Asia, a youth-led collective that serves as a platform to empower, advocate and connect youth to bring a just and sustainable energy future in the region. He also works in the communications team at Ember, a global energy think tank focused on accelerating the the transition to a clean, electrified energy future. Ardhi holds a PhD in environmental health and a master's in public policy, combining research, advocacy, and communications to bridge youth voices with energy policy across the region.



Arpit Sharma

Chief Executive Officer, Skill Council for Green Jobs (SCGJ)

Arpit Sharma is the Chief Executive Officer of the Skill Council for Green Jobs (SCGJ), with a decade of leadership in green skills development. Joining SCGJ in 2015, he rose through key roles—from Country Head of Assessment and Accreditation to COO—before becoming CEO. An alumnus of Kirori Mal College (University of Delhi) and IIM Kozhikode, he brings a strong academic and strategic foundation. He previously contributed to Kirloskar's Small Hydro division and held positions at HSBC, Deutsche Bank, and DBS. Under his leadership, SCGJ's candidate won India Skills 2022 and represented India at WorldSkills 2022 in Japan and Bronze medal in WorldSkills 2024 at Lyon, France. He spearheaded MoUs with the World Bank (WePower) and Germany's BSW Solar, promoting international mobility and inclusion in renewables. Arpit also engaged in global forums like the Berlin Energy Transition Dialogue and study tours to Germany.



Engr. Carl Maynard D. Bequillo

Project Development Officer and Focal Person for Energy Efficiency and Conservation Program, City Planning and Development Office City Government of Muntinlupa

Engr. Bequillo currently serves as a Project Development Officer II in the City Planning and Development Office of the City Government of Muntinlupa. He is the focal person for the City's Energy Efficiency and Conservation Program and working on local projects covering the environmental management sector. Early in his career, he experienced working in manufacturing and construction industry, particularly building and renovation of healthcare facilities across the country.

He holds a Bachelor Degree in Mechanical Engineering from the Polytechnic University of the Philippines – Manila, and currently pursuing Master Degree in Energy Engineering from the University of the Philippines – Diliman.



Chan Yau Chong

Co-founder and Board Advisor, CarbonCare InnoLab

Mr. Chong Chan Yau is Co-founder and Board Advisor of CarbonCare InnoLab, Board Director of Climate Finance Asia, and Chairman of Dialogue in the Dark (HK) Foundation. A University of Hong Kong graduate with a Master's in Information Systems from LSE, he served as an Administrative Officer in the HK Government, Executive Director of Oxfam Hong Kong, and Director of Student Development at HKU. Active in civil society, he has led the HK Blind Union and served on the Council for Sustainable Development. Recognized with numerous awards, including the MBE and HKU Honorary Fellowship, he champions sustainability and inclusion.



Chuck Baclagon

Asia Regional Finance Campaigner, 350.org Asia

I'm a development worker and long-time activist based in the Philippines with over 20 years of experience in environmental and social justice advocacy. I currently serve as the Asia Regional Finance Campaigner at 350.org, focusing on shifting public finance away from fossil fuels and toward community-led climate solutions. My work blends creative actions, digital strategy, and movement building to push for systemic change—grounded in hope, driven by justice, and powered by people.



Dr. Darren Man Wai Cheung

Research Assistant Professor, Asian Energy Studies Centre, Hong Kong Baptist University

Dr. Cheung earned his MA in Social Science from the Hong Kong University of Science and Technology and completed his PhD at The University of Hong Kong in 2015, focusing on political economy and stakeholder dynamics in public open space planning. His recent research explores just energy and low-carbon transitions with a focus on stakeholders' trust and responsibilities. His recent studies include Hong Kong citizens' views on regional energy collaboration risks in the Greater Bay Area and trust gaps in Japan's energy transitions post-Fukushima period.



Dr. Deependra Joshi

Chief Technical Advisor, United Nations Development Programme (UNDP)

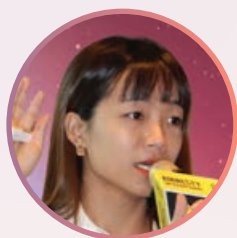
I possess 25 years of professional experience in forestry, natural resource management, climate change, ecosystem-based adaptation, and disaster risk reduction. Currently serving as Chief Technical Advisor at UNDP Laos. Previously, I worked with UNEP, World Bank, USAID, and ADB on biodiversity conservation, climate strategies, and policy development, including the National Adaptation Plan and NDC 3.0 and preparing the climate change strategy and action plans in Nepal. I have led projects, conducted research, and evaluated programs in disaster management and climate change. Holding a Doctorate in climate change adaptation and livelihoods, I bring extensive expertise in resilience building and sustainable development with international organizations.



Hiu Chung Kwok

Senior Programme Manager, CarbonCare InnoLab

Mr. Hiu Chung Kwok obtained Bachelor of Social Sciences at the University of Hong Kong. He has been working in local and international non-government organisations for more than 10 years with rich experiences in different social issues. He joined CarbonCare InnoLab in 2022, focusing on promotion of CarbonCare Label and corporate social responsibility. He also participated in COP27 as an NGO observer.



Hsin Hsuan Sun

Director, Corporate Accountability & International Affairs, Environmental Rights Foundation

Hsin Hsuan Sun is the Director of Corporate Accountability and International Affairs at the Environmental Rights Foundation, an environmental legal non-profit based in Taiwan, where she works on issues related to corporate accountability and environmental rights. Prior to this role, she was a news assistant at CNN New York. She holds a master's degree in Journalism from Columbia University, School of Journalism. In her current position, she conducts legal and value chain research, engages in policy and investor advocacy, and performs field investigations, working closely with communities impacted by Taiwanese investments and business activities both domestically and internationally. Her recent work has focused on the effects of the nickel and petrochemical industries on local communities, environmental and climate change issues, and the role of Taiwanese businesses within these sectors. Her current areas of focus include ESG legal frameworks, supply chain concerns, business and human rights, and climate change and just transition.



Ivy Leung

Executive Director, CarbonCare InnoLab

Ivy Leung, Executive Director of CarbonCare InnoLab, envisions the just transition by connecting climate change and social services to protect and respect the vulnerable communities in Hong Kong. She has participated in various international climate conferences, exchanging experience and knowledge on climate mitigation, adaptation and resilience, to explore the impact of climate change on Hong Kong.

Beginning her career as a journalist, Ivy had worked in Hands On Hong Kong, the Hong Kong Jockey Club Charities Trust and Hang Seng Bank, where she gained an in-depth understanding of the different responsibilities of NGOs, funders and corporates in sustainable development.



Jack Huang

Consultant at the UN Office of Information and Communication Technology (OICT)

Jack Huang is a passionate consultant and researcher with expertise in renewable energy, sustainable development, and impact investment. As an online UNV for the United Nations Multi-Country Office (UN MCO), he develops strategies to support climate adaptation in vulnerable regions. He also contributes to the UN Office of Information and Communications Technology (OICT), advancing digital transformation for Sustainable Development Goals (SDGs).

Beyond the UN, Jack collaborates with NGOs on renewable energy projects, integrating solar energy, carbon credits, and RECs into sustainable solutions. Committed to equity, he empowers marginalized communities and fosters partnerships to drive impactful change across the Asia-Pacific and beyond.



Dr. Jangmoo Sherpa

Programme Director, Action for Nepal

Dr. Jangmoo Sherpa is a medical doctor and public health professional with over a decade of experience working in remote and rural communities across Nepal. She is the Program Director and Co-Founder of Action for Nepal, where she leads health, education, and WASH initiatives focused on underserved populations. After serving as a Chief Medical Doctor, she completed a Master's in International Public Health and recently a fellowship program at the University of Sydney. Dr. Sherpa brings strong expertise in maternal and child health, project management, rural health systems, and community-led development. She is passionate about creating inclusive programs that improve access to essential services and drive long-term impact.



Jinlei Feng

Programme Officer, Policy Advice, International Renewable Energy Agency (IRENA)

Mr Jinlei Feng is Programme Officer, Policy Advice in the Knowledge, Policy and Finance Centre (KPFC) of the International Renewable Energy Agency (IRENA), based in Abu Dhabi. His research work at IRENA is focused on policies for the deployment of renewable energy in end uses, including heating and cooling and transport sector, policies for sustainable bioenergy, circular economy of renewables, renewables in cities, as well as environmental impacts of renewables. He has more than 17 years of experience in renewable energy, climate change, and sustainable development. He holds a master's degree in management from the Renmin University of China.



Ken Tai

Project Manager, CarbonCare InnoLab

Graduate from University of Wisconsin - Madison, Mr Ken Tai is an experienced Solar System Engineer. He was responsible for projects include Drainage Service Department, Lo Wu Correctional Institution, and Government's 1st model project which was awarded the 2013 Greenest School on Earth recognition.



Kha Nguyen

Energy Transition Coordinator, AMPERES, part of Alluvium Group

Kha Nguyen is an emerging voice in Southeast Asia's clean energy landscape, with a strong focus on inclusive energy transition and youth engagement in climate policy. She currently serves as Energy Transition Coordinator at AMPERES, the Vietnam-based arm of Alluvium Consulting Group, where she supports regional research and multi-stakeholder initiatives aimed at accelerating equitable access to renewable energy. Kha's portfolio spans technical analysis, policy outreach, and project coordination across Vietnam and the broader Mekong sub-region. Her work reflects a commitment to integrating social equity into solar energy deployment and advancing a just, climate-resilient future for all.



Khomphakhin (Ruth) Pattanachai

General Manager Thailand, ALBA Group Asia Limited

With 25 years of experience in Waste Management and Recycling, specializing in WEEE, Plastics, MSW, and Waste to energy in Thailand. Proven track record in driving business growth through strategic partnerships and initiatives in manufacturing management within MNCs. Skilled in setting up green field plants, ensuring compliance, and optimizing processes for profitability. Proficient in Lean, TQM, TPM, and Kaizen methodologies, leading large teams to achieve organizational goals in the waste management sector, particularly focusing on plastics.



Makoto Tajima

Board of Director/Senior Research Fellow, Institute for Sustainable Energy Policies (ISEP)

Makoto Tajima is a Board member of Institute for Sustainable Energy Policies (ISEP) and Head of Secretariat at Japan Community Power Association (JCPA). With an MSc in agronomy from the University of Hawaii, he has over 25 years of experience in international development, including work with NGOs and JICA. He advises JANIC on disaster risk reduction and serves on boards such as Japan Solar Sharing Federation (JSSF), CWS Japan, and Women's Eye. His current focus is international R&D in agrivoltaics and district heating. He is a member of the Agrivoltaics International Conference Scientific Committee and the India Agrivoltaics Alliance Principal Action Committee.



Dr. Masaru Yarime

Associate Professor, Division of Public Policy (PPOL) and Division of Environment and Sustainability (ENVR), The Hong Kong University of Science and Technology (HKUST)

Masaru Yarime is an Associate Professor at the Division of Public Policy and the Division of Environment and Sustainability and the Co-Director of the AI Ethics and Governance Lab at HKUST. He has appointments as an Honorary Associate Professor at the Department of Science, Technology, Engineering, and Public Policy at University College London and a Visiting Associate Professor at the Graduate School of Public Policy at the University of Tokyo. He serves on the editorial board of journals, including Sustainability Science, Environmental Science and Policy, Environmental Innovation and Societal Transitions, Frontiers in Sustainable Cities - Innovation and Governance, and Data & Policy.



Matthew Burnett Stuart

Programme Officer, United Nations Interregional Crime and Justice Research Institute (UNICRI)

Matthew Burnett Stuart is a Programme Officer at the United Nations Interregional Crime and Justice Research Institute (UNICRI), where he leads initiatives addressing organized crime, corruptions risks in supply chains, and climate security. He contributes to research, capacity building, and multilateral dialogue aimed at strengthening Member States' responses to crime prevention and emerging global security challenges.



Philip Napier-Moore

Energy sector leader - Asia, Mott MacDonald

Phil Napier-Moore is Mott MacDonald's Energy Sector Leader for Asia, responsible for the Group's regional support to clients on the global energy transition.

Working across the energy value chain for over 20 years, he has supported diverse international stakeholders on low-carbon power. With a focus on utility-scale solar and wind power, he has supported more than 80 GW of projects in Asia, including several hundred plants now successfully in operation, and ongoing gigawatt-scale 'firmed' projects using energy storage and subsea interconnections.

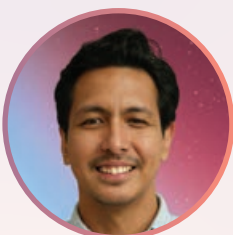
A Chartered Engineer and Fellow of the Energy Institute, he obtained his Masters of Engineering from Oxford University.



Dr. Phoebe Chen

Founder, Taiwan Green Energy for Charity Association

Dr. Hui-Ping Chen (Phoebe) is a sociologist and social entrepreneur dedicated to promoting sustainable energy for all. She founded Taiwan's first citizen power plant platform in 2015 and the Taiwan Green Energy for Charity Association (TGECA) in 2018, pioneering groups and advancing a gender-responsive just transition. Dr. Chen leads the "Green Well 100+" and "Gender Wave Net Zero" initiatives to empower everyone for an equitable and sustainable future. She currently serves on Taiwan's Climate Change Response Cum Just Transition Committee.



Pochoy Labog

Southeast Asia Programme Manager & Representative, Business & Human Rights Resource Centre

Pochoy Labog is the Southeast Asia Programme Manager and Representative of the Business & Human Rights Resource Centre. Prior to joining the Resource Centre, he was the Legal Services Coordinator of the Legal Rights and Natural Resources Center or Friends of the Earth - Philippines where he led the litigation of cases aimed to advance the rights of indigenous peoples and upland, rural, poor communities. Pochoy holds a JD from the Ateneo Law School and a LLM in International Legal Studies, with a Certificate on International Human Rights Law from the Georgetown University Law Center.



Dr. Pranusha Kulkarni

Assistant Professor of General Management and Public Policy, Goa Institute of Management (GIM), India

Dr. Pranusha Kulkarni is an Assistant Professor of General Management and Public Policy at Goa Institute of Management (GIM), India. She holds a Ph.D. in Public Policy from IIM Ahmedabad, where she studied justice effects of India's renewable energy transition. A UGC-JRF (Law, 2017) awardee and LL.M. Gold Medallist (TISS Mumbai), she has held fellowships from IIT Kanpur's Just Transition Research Centre (2023–24) and Pacific Forum's India Tech Policy Fellowship (2024–25). She has taught at TNNLU Trichy and NLSIU Bengaluru. Her research spans technology, politics, business, and sustainability; her teaching covers Legal Aspects of Business, Public Policy, and Sustainability Transitions.



Ramon San Pascual, MPH

Executive Director, Health Care Without Harm SE Asia

A population, health, and environment policy advocate, Ramon brings with him years of experience working in civil society organizations (CSO) engaged in social development work, and has dedicated many years on policy development, advocacy, and working with policymakers and stakeholders on population, health, environment, and sustainable development issues. Having worked with an extensive network of parliamentarians, health professionals, and community and civil society leaders, he has helped form and strengthen coalitions of advocates upholding health and social justice in the Philippines and across the Asia Pacific region.



Robie Halip

Executive Director, Right Energy Partnership with Indigenous Peoples (REP)

Robie Halip, from the Kalanguya and Kankanaey Indigenous Peoples in the Cordillera region Philippines, is the Executive Director of the Right Energy Partnership with Indigenous Peoples (REP). REP is an indigenous-led, multi-stakeholder partnership with the goal of increasing renewable energy systems that respect human rights and leveraging the leadership of Indigenous Peoples in the transition to renewable energy in ways that are consistent with their self-determined needs and development aspirations.



Saumya Vaish

Consultant, Energy, Resources & Growth, OPM India

Saumya is a Consultant at OPM India, contributing to projects across energy access, clean energy finance, and inclusive development. Her work spans impact evaluations, monitoring frameworks, and policy analysis, with a focus on social inclusion and gender equity. She currently manages key evaluations, including a study of the IKEA Foundation's solar-powered livelihoods programme, and has supported research on off-grid solar for health services. Saumya brings experience in energy transition strategies across emerging markets and has contributed to studies in India and Southeast Asia that explore renewable solutions for underserved communities.



Dr. Tanvi Bansal

Founder, CirclePV Limited (HKSTP)

Dr. Tanvi Bansal has led a range of academic and industry consultancy projects across solar energy, quality management systems, supply chain optimization, and RFID technology applications. She actively engages in environmental initiatives as a member of the Climate Action Network International (Germany) and also supports as a community member with Sustainable Electronics (SERI, U.S.). With rich experience bridging academia and industry in India and collaborations with German professionals, Dr. Bansal recently founded CirclePV Limited in Hong Kong—a company dedicated to developing innovative B2B solutions for solar panel waste management, involving Hong Kong stakeholders to manage the solar panel waste with a connected and integrated network.



Tom Xiaojun Wang

Founder and Executive Director, People of Asia for Climate Solutions

"Before coming to the Philippines to start his own climate advocacy group People of Asia for Climate Solutions, Tom Xiaojun Wang worked in Beijing as a journalist at Xinhua Finance News, and then as Communications Director for Greenpeace in China. As a native from China's largest coal producer Shanxi, Tom has witnessed first-hand the environmental, social and health damages by coal. Now based in the Philippines, one of the country's most directly hit by climate disasters, Tom is determined to bring a stop to coal addiction in Shanxi, and to promote solutions to climate vulnerable countries like the Philippines."



Dr. Ute Collier

Acting Director, Knowledge, Policy and Finance Centre, International Renewable Energy Agency (IRENA)

Dr. Ute Collier is currently Acting Director of the Knowledge, Policy and Finance Centre at the International Renewable Energy Agency (IRENA) in Abu Dhabi. She oversees IRENA's work on renewable energy policy and finance, socio-economics of the energy transition, renewable energy statistics and resource assessment. Prior to joining IRENA in May 2021, she was Head of Energy at Practical Action, leading the development organisation's work on renewable energy solutions in energy access settings. Previously, she worked at the International Energy Agency and the UK's Climate Change Committee, as well as a number of public sector and non-governmental organisations earlier in her career.



Utpal Bhattacharjee

Senior Technical Lead, Asian Clean Energy Partners (ACEP)

Utpal Bhattacharjee is Senior Technical Lead at Asian Clean Energy Partners, Bangkok, with over two decades of leadership in renewable energy and climate change mitigation. A recognized solar energy expert, he has designed and delivered both on-grid and off-grid solutions across Bangladesh and the region — from solar mini and micro-grids to rooftop systems and utility-scale projects. His work blends technical precision with human-centered design, ensuring resilient, finance-ready projects that thrive in challenging environments. Utpal's career spans policy, project finance, and innovative deployment, making him a trusted voice in shaping Asia's solar future under an increasingly extreme climate.



Prof. Winston Chow

Co-Chair of IPCC Working Group II, Intergovernmental Panel on Climate Change (IPCC)

Dr. Winston Chow is the Co-Chair of Intergovernmental Panel on Climate Change (IPCC) Working Group II and Professor of Urban Climate at Singapore Management University (SMU). He researches urban climate change risk and heat island adaptation, and holds a Ph.D. in Geography from Arizona State University and Bachelor's and Master's degrees from the National University of Singapore.



Yuping Chen

Executive Director, Taiwan Environment and Planning Association

Yuping Chen is co-founder and the Executive Director at Taiwan Environment and Planning Association, an independent non-profit organization since 2020. With a multidisciplinary background in Biodiversity & Conservation and Environmental Sciences, she has many years' experience in environmental planning and impact studies. Initially involved in campaigning and developing mitigation tools to address conflicts arising from solar development, she later led her team to analyze issues and opportunities within the water-food-energy-ecosystem nexus in Taiwan, to explore innovative approaches to the co-existence of agriculture and photovoltaics, with an emphasis on supporting community empowerment toward a just and sustainable energy future.

D. LIST OF MODERATORS



Dr. Alissa Tung

Programme Director, CarbonCare InnoLab

Dr. Alissa Tung, Programme Director of CarbonCare InnoLab, has extensive experience in community and corporate engagement within the NGO sector. She earned a PhD in Material Science from Monash University after studying Fashion Technology at HK Polytechnic University, focusing on self-cleaning textiles to reduce environmental pollution. An author of 10+ peer-reviewed papers, she was an NGO observer at COP24 and COP26, inspiring her to empower youth in climate action. She founded the Climate Advocacy Training for Youth (CATY) and SolarCare programmes to promote solar energy in Hong Kong. Alissa is dedicated to fostering youth leadership in global climate efforts.



Prof. Andrew Mak

Board Chairman, CarbonCare InnoLab

Prof. Andrew Mak, Professor of Engineering Practice at HKUST's Department of Chemical & Biological Engineering, has 30+ years of industrial experience, including roles at Air Products & Chemicals, BHR Group, and DuPont. His expertise spans multiphase fluid flow, process design, energy systems, and product commercialization. He has authored 70+ technical papers, serves as editor for three journals, and frequently reviews and chairs conferences. Prof. Mak holds a Law degree (Peking University), a Master's and PhD in Chemical Engineering (Leeds, UCL), and an MBA (Open University of HK). He is a Chartered Engineer and Fellow of the Institution of Chemical Engineers.



Chi Cheung NGAN

Former Senior Manager - Renewable Energy CLP Group

After obtaining his BSc (Engineering) degree, CC started his career as graduate trainee in CLP Group. He then moved around different technical and non-technical department within CLP. Before retiring in 2019, CC was involved in the evaluation of emerging clean energy technologies, and supporting energy yield assessment and performance monitoring of utility scale solar and wind projects at Group level. CC obtained the MBA and MSc (Renewable Energy) degrees, and IET membership during his career life.



Hiu Chung Kwok

Senior Programme Manager, CarbonCare InnoLab

Mr. Hiu Chung Kwok obtained Bachelor of Social Sciences at the University of Hong Kong. He has been working in local and international non-government organisations for more than 10 years with rich experiences in different social issues. He joined CarbonCare InnoLab in 2022, focusing on promotion of CarbonCare Label and corporate social responsibility. He also participated in COP27 as an NGO observer.



Ken Tai

Project Manager, CarbonCare InnoLab

Graduate from University of Wisconsin - Madison, Mr Ken Tai is an experienced Solar System Engineer. He was responsible for projects include Drainage Service Department, Lo Wu Correctional Institution, and Government's 1st model project which was awarded the 2013 Greenest School on Earth recognition.



Kevin Li

Researcher, CarbonCare InnoLab

Kevin Li has more than 20 years' experiences working with development and environmental non-governmental organisations covering the issues of water, land, climate change and poverty reduction. He also experiences in taking different roles, ranging from research, grant-making, online communications to working with partner organisations on development projects in Asia region.



Mark Cheung

Sustainability Analyst, Schneider Electric/ Co-Founder, NESS

Mark is a recent graduate from the University of Hong Kong and now leverages his knowledge and experience as a sustainability analyst. Beyond the corporate world, he served as a youth delegate at various UN conferences, participated in an Antarctica Climate Change expedition, and currently holds the position of UN Asia Pacific Youth Advisor on Environmental and Climate Justice.

He co-founded NESS, a youth-led climate organization focused on raising awareness and building capacity for climate action. Through NESS, Mark hopes to empower youth to become advocates for sustainability and foster young changemakers in our community.



Ringo Mak

Board of Director, CarbonCare InnoLab

Ringo Mak, Co-Founder and Director of APAC SEP Ltd., supports social startups and co-founded 350HK, the local chapter of 350.org. He chairs TOYPA's Climate & Environment Committee, is Hon Treasurer of the Golden Age Foundation, and serves on the Design Council of Hong Kong and HK Design Institute. He advises social enterprises like Urban Spring and Food Grace. An Outstanding Young Person (1984), he chaired TOYPA (2009) and TOYPA TRUST (2013-2019). With a Master's in International Marketing (University of Strathclyde), he is a fellow of the Royal Photographic Society and Chartered Society of Designers, with 25+ years in industrial leadership.



Wai Fun Ho

Policy Analyst, CarbonCare InnoLab

Fun is an environmental policy specialist with a Master's degree in Social Policy. She has gained extensive experience in research and knowledge transfer through her management of diverse research projects and academic activities during her tenure at multiple universities. Her research focus is primarily on climate change policy, particularly energy policy. Prior to joining CCIL in 2023, Fun graduated from the inaugural Climate Advocacy Training for Youth (CATY) programme. Her strong passion for climate advocacy led to her selection as one of the youth delegates to COP26 as an Observer.

E. SESSION RUNDOWN

Day 1 Agenda

27th August 2025

Time	Topics
● 14:00 - 14:30 HKT (GMT+8)	Welcome Remarks and Opening Keynote Address
● 14:30 - 15:30 HKT (GMT+8)	Building Resilient Energy Systems in Asian Cities: Unlocking Solar Potential
● 15:30 - 16:30 HKT (GMT+8)	Optimising Solar Energy Performance in Extreme Weather Conditions: The Role of Tech Solutions
● 16:30 - 17:30 HKT (GMT+8)	Solar Storage in Asia: Turning Solar Energy Oversupply into Opportunity

Day 2 Agenda

28th August 2025

Time	Topics
● 14:00 - 15:00 HKT (GMT+8)	Sustainable Supply Chains: Critical Minerals and Policy strategies for Asia's Just Energy Transition
● 15:00 - 15:15 HKT (GMT+8)	Inspiring Talks: Youth-led Solar Solutions
● 15:00 - 15:30 HKT (GMT+8)	Inspiring Talk: Achieving Philanthropic Excellence: Unveiling the Successful Case Study in Hong Kong
● 15:30 - 16:30 HKT (GMT+8)	Solar Energy and Urban Sustainability: Addressing the Water-Energy-Food Nexus
● 16:30 - 17:30 HKT (GMT+8)	Circular Solar Economy: Sustainable End-of-Life Management of PV Systems

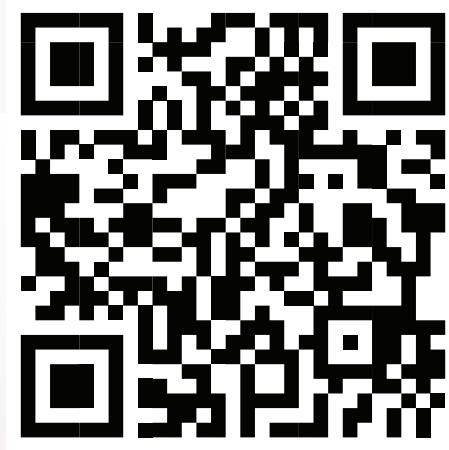
Day 3 Agenda

29th August 2025

Time	Topics
● 14:00 - 15:00 HKT (GMT+8)	Solar and Health: Improving Public Health and Healthcare Resilience
● 15:00 - 16:00 HKT (GMT+8)	Solar-Powered Resilient Communities: Driving a Just Transition in Asia
● 16:00 - 17:00 HKT (GMT+8)	Solar for Jobs: Creating Green Jobs for Social Resilience
● 17:00 - 17:30 HKT (GMT+8)	Closing Fireside Chat

F. ANNEX

Asia Solar Energy for Climate Change Conference website



<https://www.ccinnolab.org/ASECCC>

Watch on-demand video link



<https://www.ccinnolab.org/asecccondemand>



Disclaimer:

© 2025 CarbonCare InnoLab (CCIL). All rights reserved.

No part of this publication may be reproduced, stored, or transmitted in any form or by any means without prior written permission from CCIL, except for brief quotations for academic or non-commercial use with proper attribution.

Organiser

