



Asia-Pacific Climate Week 2023 (APCW)

Affiliated Event

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Towards a Cool COP28: Sustainable Cooling Solutions in Asia-Pacific

Tuesday 14 November 2023

Organized by: COP28 UAE Presidency, United Nations Environment Programme, UNEP-led Cool Coalition, United for Efficiency, Climate Champions Team

Location: Johor Bahru, Malaysia

Room: Kuala Danga 208, Persada Johor International Convention Centre

Time: 09:30-10:30 am (GMT+8)

Duration: 60 minutes

Description:

The Asia-Pacific region has faced record sweltering temperatures this year with heatwaves regularly making headlines. The demand for cooling is increasing rapidly as the world warms from climate change and incomes rise and by 2040, cooling could be responsible for as much as 30% of the region's peak electricity demand. Without strong policy action, emissions from the sector are expected to double by 2030 and triple by 2050 from 7% today.

Coordinated action is therefore needed to accelerate the transition towards sustainable cooling to reduce GHG emissions and increase access to cooling solutions for the 614.8 million people in the region who lack access. Against this backdrop and recognizing the adaptation and mitigation benefits of sustainable cooling, the COP28 Presidency of the United Arab Emirates is spearheading the Global Cooling Pledge with support from the UNEP-led Cool Coalition. Achieving the Global Cooling Pledge could double the climate benefits and mitigating 68% of cooling related GHG emissions – or 78 billion tonnes equivalent between 2022-2050. It will also improve access to cooling for resilience to rising heat, greater food security and local development.

This session seeks to highlight leadership from the region in innovative and sustainable cooling technologies, policies, and initiatives, as well as showcase regional commitments to the COP28 Global Cooling Pledge. It also aims to promote collaboration and knowledge exchange among stakeholders in the region. For example, the event will highlight the existing ASEAN Cool Initiative, aims to modernize, and enhance minimum energy performance standards in line with global best practices and the ASEAN Regional Roadmap by 2025.



Objectives:

1. **Promote Sustainable Cooling Awareness:** Increase awareness of sustainable cooling's significance in the Asia-Pacific's climate efforts and its potential to contribute to regional sustainable development goals.
2. **Amplify the Global Cooling Pledge:** Highlight regional champion countries and priority actions related to the Global Cooling Pledge. Provide a platform for Asia-Pacific nations to influence and encourage commitments essential for achieving sustainable cooling in the run up to COP28.
3. **Highlight Existing Collaborative Initiatives:** Foster partnerships to drive sustainable cooling initiatives and investments across Asia-Pacific, such as the ASEAN Cool Initiative funded by the Clean Cooling Collaborative and implemented by UNEP's United for Efficiency (U4E) and GIZ.
4. **Showcase Best Practices:** Share policy frameworks, regulations, and financial mechanisms that can accelerate sustainable cooling technologies and their benefits. Present successful case studies and projects demonstrating effective, such as updating minimum energy performance standards.
5. **Capacity Building:** Identify capacity-building needs and opportunities for training and skills development in the field of sustainable cooling within the Asia-Pacific region.

Contacts for the Event:

1. **Lily Riahi**, Global Coordinator, UNEP-led Cool Coalition, lily.riahi@un.org
2. **Patrick Blake**, Programme Officer, United For Efficiency initiative, UNEP, patrick.blake@un.org
3. **Clement Charnailat**, Cool Coalition Secretariat, UNEP, clement.charnailat@un.org



Agenda:

MC: **Ms. Lily Riahi**, Global Coordinator, Cool Coalition, UNEP

Agenda item	Speakers	Timing
Welcome Remarks	Ms. Lily Riahi , Global Coordinator, UNEP-led Cool Coalition	2 minutes
Opening Remarks	Mr. Mozaharul Alam , Climate Change Programme Regional Coordinator, UNEP	5 minutes
Keynote Speech	Accelerating Action towards a “Cool” COP28 Ms. Emmanuelle Pinault , Climate Change, Global Leadership, Systems Change, Climate Champions team	6 minutes
Panel Discussion: Catalyzing Regional Action on Sustainable Cooling Moderated by Ms. Lily Riahi , Global Coordinator, Cool Coalition, UNEP	Ms. Heang Phallin , Vice chief of GHG inventory and Mitigation Office, Ministry of Environment, Cambodia Mr. Marcel Rached , Resident Representative, Malaysia, International Finance Corporation (IFC) East Asia & Pacific Mr. Chan Hon Leong , General Manager, Daikin Malaysia Mr. Richard Scotney , Global Energy Efficiency Lead, WWF Dr. Christopher Bartlett , Head of Climate Diplomacy, Government of the Republic of Vanuatu	32 minutes
Family Photo		
Q&A		10 minutes
Closing Session	Next steps on catalyzing commitments from Asia-Pacific to the Global Cooling Pledge in the run up to COP28 Mr. Mozaharul Alam , Climate Change Programme Regional Coordinator, UNEP	5 minutes

Biographies:

	<p>Mr. Mozaharul Alam, Climate Change Programme Regional Coordinator, UNEP</p> <p>Mr. Mozaharul Alam is working at United Nations Environment Programme (UNEP) as Regional Coordinator, Climate Change for Asia and the Pacific Office. He provides strategic and technical guidance to design and implementation climate change actions. He has also served the Ministry of Environment and Forests, Government of Bangladesh as a National Project Coordinator and successfully formulated National Adaptation Programme of Action (NAPA) following an inclusive process.</p> <p>He participated in climate change negotiations for more than two decades and coordinated adaptation group of G77 and China during 2007 to 2009. He also worked as Lead Author for Working Group II for IPCC Fifth Assessment Report. He received an international fellowship award in 2006 for three years by International Institute for Environment and Development (IIED) under Climate Change Programme.</p>
	<p>Ms. Lily Riahi, Global Coordinator, UNEP-led Cool Coalition</p> <p>Lily serves as the coordinator of the Cool Coalition, an official outcome of the UN Climate Action Summit in 2019, working with countries and industry to accelerate the transition to sustainable cooling and cold chain. At UNEP since 2014, she also oversees UNEP’s urban energy work and previously the district energy portfolio where she successfully unlocked over \$200 million in direct investments for energy infrastructure globally.</p> <p>Previously Lily has worked as an energy advisor at REN21, Environmental Defense Fund, ICLEI and the German parliament- where she participated in the set-up of the IRENA. She is also the report author of a UNEP flagship <i>‘District Energy in Cities: Unlocking the Potential of Energy Efficiency and Renewable Energy’</i>. She has a master’s degree in Renewable Energy Policy from York University and a bachelor’s degree in political science from the University of Toronto.</p>
	<p>Ms. Emmanuelle Pinault, Climate Change, Global Leadership, Systems Change, Climate Champions team</p> <p>Emmanuelle leads the Policy Engagement Team at Climate Champions. In this role, she is providing political and diplomatic advice to the HLCs and delivering strategic engagement to enhance radical collaboration between National governments and Non-State Actors (NSA) and activate ambition and action loops at the global and national levels. This includes engaging the Champions in key multilateral spaces, supporting multi stakeholder processes in priority countries, and ensuring meaningful participation of</p>

	<p>NSA in the Global Stocktake, with the ultimate goal to keep global warming to 1.5 degree.</p> <p>Prior to joining Climate Champions, Emmanuelle was the Director of City Diplomacy of C40 Cities, a network of nearly 100 megacities working together to tackle climate change, where she led C40 engagement in UNFCCC and other UN processes, the G20 and IPCC, through key initiatives such as the Compact of Mayors, GCoM, GCAS, Cities Race to Zero, CitiesIPCC and Urban20.</p> <p>Before that, she was an advisor to several governments on diplomacy, cooperation, climate change, sustainable development, culture and education. Emmanuelle holds a Bachelor Degree in International Relations from Science-Po Lyon and a Master's Degree in Sociology from the EHESS – Paris. Born and raised in France, she lived in seven different countries across Europe, Africa, Latin America and South-East Asia, and likes to define herself as a global citizen. She is the mother of three boys whom she proudly raises as feminists.</p>
	<p>Ms. Heang Phallin, Vice chief of GHG inventory and Mitigation Office, Ministry of Environment, Cambodia</p> <p>Vice chief of Greenhouse Gas Inventory and Mitigation of Office, the Department of Climate Change, the General Directorate of Policy and Strategy, the Ministry of Environment. Currently, pursuing a Master Degree in Science of Climate Change, the Royal University of Phnom Penh, Cambodia. I have been working in the field of climate change in 2017 as a communication officer in a project of Strengthening Resilient Livelihood (SRL) through mainstreaming climate change into a sub-national workplan focusing on awareness raising, knowledge assessment, and promoting better understanding of rural people on climate change. Recently, I am also involved in policy, workplan, and strategy preparations assigned by the management.</p>
	<p>Mr. Marcel Rached, Resident Representative, Malaysia, International Finance Corporation (IFC) East Asia & Pacific</p> <p>Marcel Rached serves as the Malaysia Resident Representative for the International Finance Corporation (IFC), the private sector arm of the World Bank. In his role, he is responsible for spearheading the growth and expansion of IFC's presence in Malaysia, actively contributing to developing the private sector within the country. Before his current role, Marcel held several roles at IFC, as a Regional Country Officer, leading country engagements, and as a Regional Investment Officer, covering MENA and Africa, overseeing investment and advisory projects in emerging markets and across borders.</p> <p>Before joining IFC, Marcel was Chief Operating Officer (COO) at Emaar Industries and Investment, the investment arm of the Dubai-based EMAAR. He holds a Master of Science in Finance from George Washington University in Washington, DC.</p>



Mr. Chan Hon Leong, General Manager, Daikin Malaysia

Chan Hon Leong currently is the General Manager, Marketing & Service of Daikin Malaysia Sales & Service Sdn. Bhd. He has already with Daikin Malaysia & in HVAC field for over 21 years. He began his career at Daikin R&D for 12 years and then move to factory as Head of QAQC department before he embarked on another journey to lead the Product, Marketing & Service department. He has contributed to the development of 1st Malaysia MEPS & Energy Label Standard for air conditioner and also Malaysia standard MS1525: Energy efficiency and use of renewable energy for non-residential buildings - Code of practice

He continually active in contributing his expertise & promotion towards sustainable energy efficient system, providing input in Malaysia standards and good practices with private sectors, associations and also government sectors. His latest contribution is the recent signing of MoU on last October 2023 between Daikin and Malaysia Green Technology & Climate Change Corporation (MGTC). The MoU drive advocacy for the improvement of MEPS; share best practices and innovative technologies; engage key stakeholders including energy providers, regulators, users and influencers in knowledge-sharing dialogues on energy efficiency.



Mr. Richard Scotney, Global Energy Efficiency Lead, WWF

Richard leads WWF's global efforts on energy efficiency. Cooling in tropical countries, particularly in south-east Asia, is one of WWF's priority areas. Richard has worked for 14 years on the energy transition and climate change. Before joining WWF, he worked 8 years in the private sector (Climate Bridge, ENEA Consulting) and at the UN Environment Programme.

He has been fortunate enough to work in China, UK, Kenya, France, and is now based in Phnom Penh, Cambodia, where there is plenty of demand for clean cooling. He has degrees in Economics and Mandarin Chinese from Warwick and Oxford universities.