



14th Clean Energy Ministerial and 8th Mission Innovation meeting (CEM14/MI-8)

Official Side Event

Session Title: Sustainable cooling for a just and equitable energy transition

Organized by: SEforALL, UNEP-Cool Coalition

Session Time: 20 July 2023 | 10:45-12:15 (IST) [90mins]

Venue: Ballroom 3, Grand Hyatt Goa, India

Session description:

Sustainable cooling is essential for meeting climate and Sustainable Development Goals (SDGs), or what is increasingly discussed as a "sustainable, just and equitable energy transition". For the 736 million people living in extreme poverty and the roughly similar population without access to electricity, this represents a great challenge – one increasingly recognized and becoming a subject for climate finance.

The importance of sustainable cooling as a condition for the SDGs and climate goals appears belatedly to be receiving the attention it deserves. But with the clock ticking on the SDGs and a closing window for meeting the Paris climate goals, we have to move faster. This means rapidly scaling up investment in innovative cooling technologies and business models that make lifesaving cooling solutions affordable for all - and sustainable for the planet. In a warming world, we cannot deliver a sustainable, just and equitable energy transitions without them.

Presenting the latest data from [Chilling Prospects 2023](#), this session will bring together government representatives, private sector representatives, and philanthropies to showcase best practices to date and what is needed to accelerate sustainable cooling for a just and equitable energy transition.

Contacts for the Event:




- Brian Dean, Head, Energy Transition and Energy Efficiency, SEforALL brian.dean@seforall.org
- Clement Charnailat, Cool Coalition Secretariat, UNEP, clement.charnailat@un.org

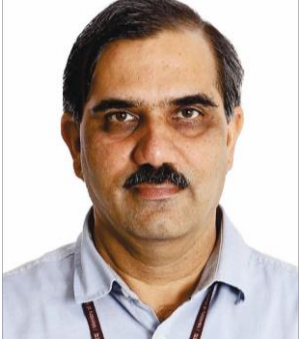



Proposed agenda:

| WHEN | WHAT | WHO |
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| 2 min | Welcome | Ms. Lily Riahi, Global Coordinator, Cool Coalition, UNEP |
| 10 min | Presentation - Chilling Prospects 2023 and access to cooling forecast to 2030 | Mr. Brian Dean, Head of Energy Efficiency and Cooling, SEforALL |
| 8 min | Presentation - International collaboration towards the Cool COP 28 | Mr. Rahma Alshamsi, Lead - Hard-to-Abate, Energy Transition Team, COP28 UAE |
| 45 min | Panel Discussion - Moderated by Ms. Lily Riahi, Global Coordinator, Cool Coalition, UNEP | <ul style="list-style-type: none">• Shri Abhay Bakre, Director General, Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India• Ms. Sneha Sachar, India Cooling Lead, Clean Cooling Collaborative• Mr. Ravindra Dolare, President, Ecozen Solutions• Ms. Saumya Malhotra, Programme Officer, Climate, Children's Investment Fund Foundation• Mr. Yves-Laurent Sapoval, Senior Advisor, Directorate for Housing, Urban Development and Landscapes, France• Ms. Beate Kværnes Langset, Counsellor-Climate and Environment - Royal Norwegian Embassy in New Delhi |
| 20 min | Q&A | |
| 5 min | Wrap Up & Concluding remarks | Mr. Brian Dean, Head of Energy Efficiency and Cooling, SEforALL |

Biographies:

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|  | <p><u>Ms. Lily Riahi, Global Coordinator, Cool Coalition, UNEP</u></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><u>Mr. Brian Dean, Head of Energy Efficiency and Cooling, SEforALL</u></p> <p>Brian Dean is from the United States and is the Head of Energy Efficiency and Cooling in SEforALL’s Vienna office. In this role, Brian leads the Cooling for All programme and the Energy Efficiency for Sustainable Development programme.</p> <p>Prior to joining SEforALL in 2019, Brian spent more than 22 years supporting governments and organizations on energy efficiency policies and projects. He joined SEforALL after spending five years with the International Energy Agency (IEA) as the lead for energy efficiency in buildings, where he was responsible for investment and policy tracking, co-authored the annual Global Status Report on Buildings and Construction as well as the Future of Cooling report. For almost 14 years, Brian worked in Washington DC, San Francisco and New Delhi as the Head of Energy Efficiency Analytics and Policy at ICF International primarily advising governments and utilities on energy efficiency. He started his career as a building designer and HVAC engineer.</p> |
|  | <p><u>Mr. Rahma Alshamsi, Lead - Hard-to-Abate, Energy Transition Team, COP28 UAE</u></p> <p>Rahma Alshamsi is a Senior Specialist with the COP28 UAE Presidency as part of the Energy Transition Team. He is the main focal point for all heavy emitting sectors including industry, transportation, and cooling. Rahma’s educational and professional background is in international relations and economic development.</p> |

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|  | <p><u>Shri Abhay Bakre, Director General, Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India</u></p> <p>Shri Abhay Bakre is a Post Graduate (M. Tech.) in Elect. Engineering from IIT, Kharagpur. He belongs to 1988 Batch of Indian Railways Electrical Engineering Services, Ministry of Railways. He has worked in several Railway projects including Delhi Metro & Kolkata Metro extension projects.</p> <p>He has also worked as Joint Development Commissioner in the Ministry of Micro, Small and Medium Enterprises and was Nodal officer for National Manufacturing Competitiveness Programme.</p> <p>As the Head of Petroleum Conservation Research Association (PCRA) under the Ministry of Petroleum & Natural Gas he was responsible for initiating fuel conservation policy in transport sector and appliance sector.</p> <p>Before joining BEE, he worked as Executive Director in the Ministry of Railways and he was nodal officer for GHG reduction in Indian Railways.</p> |
|  | <p><u>Ms. Sneha Sachar, India Cooling Lead, Clean Cooling Collaborative</u></p> <p>Sneha Sachar joins the Clean Cooling Collaborative team as Associate Director, India Cooling Lead to accelerate climate-friendly cooling in India and support CCC's mission to advance climate-friendly cooling for all. Sneha comes to ClimateWorks with over 20 years of experience covering the intersection of built environment, energy efficiency, and climate change. She brings deep knowledge of the cooling sector, with a focus on developing countries including on-the-ground experience in significant policy-centric work in India. Most recently Sneha served as a cooling expert and consultant at leading nonprofit organizations based in the U.S. and India, and as a part-time advisor to the CCC team. Sneha has a bachelors degree in architecture from the Institute of Environmental Design in India, an MBA from University of South Carolina, and a professional certification in Sustainability and Energy Policy from UC Berkeley.</p> |



Mr. Ravindra Dolare, President, Ecozen Solutions

Ravindra Dolare has been working in the field of product management since 2006. Ravindra began his career at Godrej & Boyce Mfg Ltd as a Dy. Manager in 2006. In 2009, he joined Centum Learning Ltd as a Deputy Manager, where he was responsible for sales and product training and consulting for the automobile division of the organization in Western India, including Maruti Suzuki, Volkswagen, and Skoda. In 2011, he moved to Volkswagen Group Sales India Private Limited, where he held the roles of Chief Manager, Senior Manager, and Deputy Manager. In 2016, he joined Piaggio Vehicles Private Limited as the Product Marketing & Planning for Electric Vehicles. Ravindra currently holds the roles of President and Head of Product Management at Ecozen Solutions, where he has been since 2018.

Ravindra Dolare has an extensive educational background. In 2020-2021, he completed a MicroMasters® Program in Entrepreneurship at the Indian Institute of Management Bangalore. From 2007-2009, he completed an MMS in Operations Management at the Sydenham Institute of Management Studies, Research and Entrepreneurship Education (SIMSREE). Ravindra also obtained an Engineering degree from Veermata Jijabai Technological Institute (VJTI) between 2002-2006.



Ms. Saumya Malhotra, Programme Officer, Climate, Children's Investment Fund Foundation

Saumya Malhotra is a Programme Officer, Climate at Children's Investment Fund Foundation (CIFF). Working under CIFF India Climate portfolio, she manages programmes on industries sector, sustainable cooling, sustainable finance, climate action at the sub-national level, and international climate programmes with Initiative for Climate Action and Transparency (ICAT) and Mitigation Action Facility. Before joining CIFF, Saumya worked with Indian think tank TERI and with the World Bank's Environment and Natural Resources team.



Mr. Yves-Laurent Sapoval, Senior Advisor, Directorate for Housing, Urban Development and Landscapes, France

After practicing as a private architect for ten years, he joined the administration and held several positions in the fields of housing and urban policy. He was an advisor and then deputy director of the cabinet of ministers in charge of housing and urban development. In 2006, he was appointed “Interministerial Delegate for the City”, with national responsibility for national urban policy. Since 2009, he has been successively in charge of sustainable urban development within the Union for the Mediterranean project and has worked on major urban projects in the Ile de France region.

He is currently an advisor to the Director General of the French Ministry of Ecological Transition, and has been in charge of the international “sustainable city” action, notably during the COP 21, the preparation of the Habitat III conference and the World Urban Forums. He is also responsible for various teaching modules on housing at the Ecole Nationale des Ponts et Chaussées.



Ms. Beate Langset, Counsellor for Climate and Environment, Royal Norwegian Embassy in New Delhi

Beate has a Master’s degree in history and political science from the University of Oslo, and has worked with education and management for many years at the University of Oslo and in the Norwegian Armed Forces.

She has been working on waste management and circular economy for the last 10 years, and many years as a team coordinator for waste shipments (Basel Convention) in the Norwegian Environment Agency. Related to that, green deal, circular economy, waste management, illegal waste shipments and ship recycling. More recently, she also worked half time coordinating projects for the Nordic Working Group for Circular Economy (NCE) under the Nordic Council of Ministers.

She arrived at her position as counselor for Climate and Environment in New Delhi in January last year.