

Combined thirteenth meeting of the Conference of the Parties (COP13) to the Vienna Convention for the Protection of the Ozone Layer and the Thirty-Sixth Meeting (MOP 36) of the Parties to the Montreal Protocol on Substances that Deplete the Ozone Layer

Side Event Concept Note

Back to the Future: Approaches to Operationalizing Energy Efficiency for Sustainable HFC Phase-down

28 October 2024, 18:00–20:00 (Bangkok Time)
Venue: UNESCAP, Meeting Room A and [Meeting link](#)

Overview

This [event](#) will draw from and build on World Bank experience related to climate and energy efficiency (EE) linkages under the Multilateral Fund and beyond to present on instruments and possible approaches to operationalizing and delivering financing for maintaining and enhancing energy efficiency alongside HFC phase-down.

The event will provide background on energy efficiency challenges, the range of financial instruments for delivering support for EE improvement, and some current offerings and support tools for sustainable cooling under the World Bank Group as well as past experiences and lessons learned.

The potential for, and applicability of applying these experiences as well as initiatives in the larger EE arena in the context of HFC phase-down and the new MLF Operational Framework to Support Maintaining and/or Enhancing Energy Efficiency will be considered and discussed.

Objectives

This side event aims to:

- share key insights from the World Bank's previous EE investment projects and address future EE operationalization opportunities
- identify viable financial mechanisms that facilitate EE improvements for HFC phase-down
- promote sustainable cooling solutions that enhance EE operationalization

Agenda

Moderator: Thanavat Junchaya, World Bank Montreal Protocol Coordination Team

Time	Session	Speaker
18:00-18:20	Dinner	All
18:20-18:25	Welcome Remarks	Jiang Ru Manager, Global Environment, World Bank
Presentation		
18:25-18:40	<ul style="list-style-type: none"> World Bank EE Financing models: Effective Mechanisms and Key Recommendations 	Ashok Sarkar Senior Energy Specialist, Program Leader-Infrastructure, World Bank
18:40-18:55	<ul style="list-style-type: none"> Cooler Finance: De-Risking Instruments to Mobilize Investments 	Rajchane Chanawatr Principal Operations Officer, IFC
18:55-19:10	<ul style="list-style-type: none"> The Evolution of Technology: Emerging into the Current Sustainable Cooling Initiative 	Selcuk Tanatar Principal Operations Officer, IFC
19:10-19:25	<ul style="list-style-type: none"> Leveraging EE with Revolving Funds: Key Lesson Learned and Practical Case Studies from experience 	Tamara Babayan Senior Energy Specialist, ESMAP, World Bank
Discussion		
19:25-19:55	<p>Discussion and Q&A Approaches to operationalizing EE for sustainable HFC phase-down</p>	<p>Country Discussants</p> <p>Eng. Yaqqoub Almatouq Head of the negotiations Team to Montreal protocol, Kuwait national Ozone & Climate Change committee, Kuwait Environment Public Authority</p> <p>Dr. John Thompson Deputy Assistant Secretary for Environment, Bureau of Oceans and International Environmental and Scientific Affairs, US Department of States</p>
19:55-20:00	Closing Remarks	Jiang Ru Manager, Global Environment, World Bank

Speakers Biographies



Ashok Sarkar

Senior Energy Specialist, Program Leader – Infrastructure,
World Bank

Ashok Sarkar is a Program Leader for infrastructure (Energy, Urban, Digital and Transport) and a Senior Energy Specialist in the World Bank's Middle East Regional Infrastructure Department and Energy and Extractives Global Practice, currently based in the West Bank and Gaza (Palestine) office in Jerusalem. During his professional career in international development spanning 30+ years, he has worked in the World Bank for 18 years, and earlier in the Asian Development Bank (ADB), US Agency for International Development (USAID), and Resource Management Associates (RMA, USA) and Bharat Heavy Electricals Limited (BHEL, India). He has developed clean energy projects valued cumulatively at US\$3 billion+, across 40+ countries. In the last few years, Ashok has been working on solar, generation, transmission and distribution, energy efficiency, DSM/demand response, sustainable cooling, electric mobility, etc., through lending and/or advisory operations, including through two recently completed MENA regional advisories on "Clean Energy Transition and Employment Impacts" and "Unlocking the Electric Mobility Opportunities, Strategies and Solutions". A mechanical engineer from India, Ashok holds a master's degree in Energy Planning & Policy from Asian Institute of Technology (AIT), Bangkok, and a Ph.D. in Energy & Resources from the Nelson Institute for Environmental Studies at the University of Wisconsin-Madison, USA, which also conferred him with a Distinguished Alumni Award in 2022.



Rajchane Chanawatr

Principal Operations Officer, International Finance Corporation

Rajchane Chanawatr is an Asia-Pacific principal investment officer at International Financial Corporation (IFC), an institute under World Bank Group, working in early-stage engagements with private sector to create development and investment projects in manufacturing, agribusiness, and services (healthcare, education, tourism, retail and property) industries.

Prior to joining IFC, she has 20 years of experience in strategy and operations management consultancy in consumer business and healthcare in Southeast Asia working with multinational and regional companies. She held leadership roles as Digital Enterprise Services lead at Microsoft, Managing Director (partner) at Accenture as ASEAN Retail lead, Senior BD Director at DHL Supply Chain, General Manager at Li and Fung Group, and Senior Manager at PwC and Deloitte. She is a graduate with a Master of Business Administration from The Pennsylvania State University and Doctor of Dental Surgery from Chulalongkorn University.



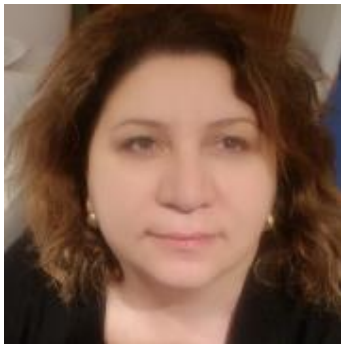
Selçuk Tanatar

Principal Operations Officer, International Finance Corporation

Leading Advisory Services of IFC's Disruptive Technologies and Funds Department, Mr. Tanatar works to design innovative solutions leveraging state-of-the-art technologies to address complex challenges in the emerging markets. Mr. Tanatar is passionate about finding new ways for making technology, advisory and financing work in unison to unlock new markets and create systemic changes that deliver sustainable impact.

Mr. Tanatar has over 25 years global experience in advising multinational corporations, as well as small and medium-sized enterprises in various sectors including, ICT, agribusiness, engineering & construction, general manufacturing, and transportation.

Until joining IFC in 2008, Mr. Tanatar developed and managed major programs for SME-, sector-, and institutional development in Turkey and was in the management team of a technical consulting company providing technology enabled services throughout Turkey, Eastern Europe, Central Asia and MENA. Through his career Mr. Tanatar has also started and spun off companies for developing ICT, IoT and sensor technologies. With Turkish/Danish background, Mr. Tanatar holds a BSc in Production Engineering from Copenhagen University College of Engineering.



Tamara Babayan

Senior Energy Specialist, ESMAP, World Bank

Tamara Babayan is a seasoned expert in sustainable energy policy, planning, technology, and finance. She is experienced in design and implementation of renewable energy and energy efficiency projects, development of financing mechanisms for renewable energy investments and for energy efficiency in public and residential buildings.

During the last three years, Tamara Babayan has been a Senior Energy Specialist in the Europe and Central Asia region of the World Bank, leading projects in Central Asia and Western Balkan Countries, Moldova, Ukraine, Belarus, Croatia, Bulgaria, and Romania, covering overall energy dialogue, energy efficiency, renewable energy, and carbon pricing.

Tamara is a skilled project manager with nearly twenty years of experience in managing a portfolio of projects in the areas of heating, energy efficiency, small hydro, geothermal, solar PV area while working with governments, communities, private sector, local and international financial institutions, academia, and civil society. Before joining the World Bank, Tamara led the R2E2 Fund (Armenia Renewable Energy and Energy Efficiency Fund) for 12 years (2006-2017); she was a consultant working with various countries and international organizations (ADB, AFD, EBRD, EIB, EU, WBG, UNDP/GCF); and served as Technical Advisory Group expert of ESMAP and CIFs Strategic Climate Fund Committee and SREP Sub-Committee member for several rounds. Tamara graduated from Yerevan State University (Physicist). She has a master's degree in public administration.