



## HOLISTIC APPROACH TO ENHANCING ENERGY EFFICIENCY OF COOLING EQUIPMENT

### Side Event at MOP37

Tuesday, 4 November 2025

Room CR-14 | 1:00 p.m. – 3:00 p.m.

### Background

This side event will explore a comprehensive strategy to enhance the energy efficiency of cooling equipment as we phase down hydrofluorocarbons (HFCs). We will highlight the necessity of a holistic approach that goes beyond simple equipment upgrades, emphasizing the critical roles of MEPS, product redesign, improved testing facilities, and capacity-building measures. Furthermore, we will discuss effective options for increasing the market uptake of energy-efficient cooling technologies as well as importance of measures addressing the end of the life of RAC equipment. By taking this integrated approach, we can prevent a rebound effect and the lock-in of inefficient technologies, ensuring that the HFC phase-down delivers significant net energy savings, benefits consumers, and reduces overall cooling demand and impact.

### Agenda

*Pre-Event Food and Networking*

Session Moderator: **Mr. Yunrui Zhou**, Industrial Development Officer, UNIDO

**Opening Remarks:** *Overview of UNIDO's role in promoting sustainable industrial development and approach to cooling*

**Ms. Liazzat Rabbiosi**, Chief, Montreal Protocol and Sustainable Cooling, UNIDO

**Financing Climate Action in Cooling: Mechanisms and lessons learned**

*Overview of financial mechanisms supporting climate-friendly cooling technologies. Highlights of ongoing projects and their energy efficiency impacts.*

**Mr. Balaji Natarajan**, Senior Programme Management Officer, Multilateral Fund Secretariat

**Technical Innovations for Energy Efficiency: Cutting-edge solutions**

*Cutting-edge technologies and best practices to enhance energy efficiency in RAC sector. Contributions to reducing GHG emissions and supporting sustainable industrial growth.*

**Mr. Omar Abdelaziz**, Energy Efficiency Expert



**Panel Discussion: Collaboration and Policy Pathways** Moderator: **Mr. Amir Nakhla**

Themes: Public–private coordination, MEPS implementation, testing & labelling, successful policy models, regional lessons

*Panellists:*

**Mr. Patrick Blake**, United for Efficiency, UNEP

**Dr. Ezzat Lewis**, National Ozone Officer, Egypt

**Mr. Abdullahi Idris** National Ozone Officer, Nigeria

**Mr. Sergio Merino** National Ozone Officer, Mexico

Q&A Session

All Participants


Closing Remarks

**Mr. Yunrui Zhou**, Industrial Development Officer, UNIDO

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