



Housing and Building
National Research Center



Housing & Building National Research Center International Conference
Future Vision & Challenges for Urban Development
"Green Smart Sustainable Building between Present & Future"
Cairo, Egypt - 15th - 17th December 2024



Ministry of Housing, Utilities
and Urban Communities



Dr. Yosr Allouche

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Lecture Title: Strengthening Access to Sustainable Cooling in Response to Extreme Heat - IIR Cool Dialogue : Policy innovations and financial solutions for a sustainable MENA

Abstract :

Understanding the crucial role, the cooling sectors play in different economic and social aspects such as urban development, housing, industry, food security, supply chain, health and pharmaceutical, manpower and employment; dealing with the cooling sector holistically and in a sustainable manner has never been more important than now taking into consideration, as well, the global environmental commitments and sustainable development goals. Don't miss this opportunity to contribute to a greener, more sustainable future for Egypt's urban landscape. Join policymakers, urban developers, engineers, and sustainability advocates as we delve into the criteria for selecting air conditioning systems that meet both sustainable development and environmental needs. Your voice matters in shaping the policies that will support sustainable growth in line with the global and national vision.

Field of Experience:

The Director General of the Paris-based International Institute of Refrigeration (IIR) – the first woman to assume this role in the 116-year history of the international educational organization. A native of Tunisia who spent many years in Norway, Allouche is the first non-French national to lead the IIR. She was elected Director General at the 26th IIR International Congress of Refrigeration in Paris. Since June 2021, Allouche has served as head of projects at the IIR, coordinating the implementation of clean and energy-efficient solutions in projects in the cold chains of developing countries. Over the past six years, she has fulfilled various roles at the Norwegian University of Science and Technology (NTNU), including Research Scientist and Associate Professor in refrigeration technology. Allouche, who holds a PhD in Mechanical Engineering from the Faculty of Engineering of the University of Porto in Portugal, has authored or co-authored numerous articles in scientific journals, guides and reports. Her work has encompassed CO₂ (R744) transcritical systems, steam ejector modeling and thermal energy storage using phase-change materials.