

Powering the future - Smart cities leading on climate action

Thursday, 16 May 2024 14:00 – 15:30 (CEST)

International
Energy Agency

iea

Background

The decarbonisation of cities is a global priority, and local governments are instrumental to achieving national commitments and objectives. Improved access to and use of data for decision making can support faster and more targeted implementation and help align city and power system planning. Digital solutions and systems can be particularly powerful in cities, where high-density environment creates economies of scale, creating new opportunities.

During this event, the IEA will launch the Digital Demand-Driven Electricity Networks (3DEN) Initiative's third flagship report "[Empowering Urban Energy Transitions: Smart cities and smart grids](#)" as part of IEA's support to the Italian governments' Presidency of the G7. Exploring a large range of projects and initiatives implemented in power systems and cities around the world, the report provides insights on emerging best practices, innovative approaches and how barriers and challenges can be tackled. It also focuses on ways national governments can help cities accelerate clean, affordable, and inclusive energy transitions and ensure resilience and ability to adapt to climate change.

The event will also bring diverse perspectives by convening leading international experts on city-level climate and energy project implementation, to share insights on urban-oriented inclusive policy in action in areas such as energy, transport, buildings, and digitalisation.

The IEA gratefully acknowledges the Italian Ministry of Environment and Energy Security for their support for this expert workshop as part of their contributions to IEA's [Digital Demand Driven Electricity Networks \(3DEN\) Initiative](#) on power system modernisation and effective utilisation of demand side resources through digitalisation and to the [Clean Energy Transitions Programme](#). The IEA also extends sincere appreciation to the United Nations Environment Programme (UNEP) for their invaluable support and for leading the implementation of pilot projects as part of 3DEN Implementation Phase.

Agenda

16th May, 14.00 – 15.30 (CEST)	
Moderator: Vida Rozite, 3DEN Programme Lead, IEA	
14:00	Welcoming remarks <ul style="list-style-type: none">• Brian Motherway, Head of Energy Efficiency and Inclusive Transitions Office, International Energy Agency• Francesco Corvaro, Italian Special Envoy for Climate Change• Myriem Touhami, Head of Finance Unit, Mitigation Branch, Climate Change Division, UNEP
14:10	Scene setting <ul style="list-style-type: none">• Annalidia Pansini, Senior Advisor, Italian Ministry for the Environment and Energy Security• Vida Rozite, 3DEN Programme Lead, IEA• Aarth Saraph, Associate Programme Management Officer, Finance Unit, Mitigation Branch, Climate Change Division, UNEP
14:25	3DEN Flagship Report Launch <p>Launch of Digital Demand-Driven Electricity Networks (3DEN) Initiative's second flagship report "Empowering Urban Energy Transitions: Smart cities and smart grids".</p> <ul style="list-style-type: none">• Brendan Reidenbach, Energy Analyst, IEA• Emi Bertoli, Energy Analyst, IEA
14:45	Experiences from the ground <ul style="list-style-type: none">• Anna Lisa Boni, Deputy Mayor for Bologna responsible for European recovery funds, ecological transition and international relations• Mark Atherton, Director of Environment, Greater Manchester Authority• Giorgia Rambelli, Director, Mission Innovation Urban Transition Mission• Mena Testa, Head of Regulatory Analysis, Enel Grids and Innovability, Enel Group
15:25	Closing remarks <ul style="list-style-type: none">• Alessandra Fidanza, Senior Advisor, Italian Ministry for the Environment and Energy Security

Registration link:

https://meetocd1.zoom.us/webinar/register/WN_4scMMMGPTaiWnNksIRxcMg#/registration