

Monday 23 October 2017

Global Challenge of Climate Change and the Required Energy Transformation

12:00 - 13:30

Global Challenge of Climate Change: Making the Paris Agreement Work

12:00 - 12:30

Key Note Presentation: The Paris Climate Agreement, which has set a clear long-term temperature goal to limit warming to 2°C and ideally 1.5°C, is already in force. This presentation will outline the key mechanisms of the Paris Agreement, how close we are to meeting its goals, the recent developments in the US and ways in which state and non-state actors are taking action.

12:30 - 12:50

Overview of REDD+ and Its Role in the Paris Agreement

introduction to REDD+, how the mechanism works and why it is part of the Paris Agreement, mitigating climate change impacts, and creating employment and meeting the sustainable development goals.

12:50 - 13:40

Panel Discussion: What Role Does the MENA Region Have in Implementing the Paris Agreement?

Meeting the goals of the Paris Climate Agreement will require unprecedented levels of action across the region.

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14:00 - 15:00

Tackling Climate Change: An EU Success Story

How Hydrogen Enables the Energy Transition: a European Perspective

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15:30 - 17:30

The Importance of Energy Efficiency to Meet the Goals of the Paris Agreement

15:30 - 15:50

Key Note Presentation: Overview of the important role of energy efficiency in meeting the goals of the Paris Climate Agreement. Recent reports highlight that about 50% of global greenhouse gas reductions can be delivered through energy efficiency. This presentation will highlight recent findings from reports such as 'Perspectives for the Energy Transition' by IEA and IRENA and highlight types of energy efficiency mechanisms that lead to the greatest benefits for climate change, the economy and other issues.

15:50 - 16:30

Panel Discussion: How to Unleash the Potential of Energy Efficiency

This session will explore and outline the types of mechanisms needed to unleash the potential for energy efficiency. What role do building energy efficiency standards and rating systems have? What about subsidy reform and appliance standards? How do we best finance energy efficiency? How does energy efficiency impact the uptake of more renewable energy?

16:30 - 17:00

International Case Study – Global Best Practices in Energy Efficiency Programmes

Realising Improved Industrial Energy Efficiency through Implementation of ISO 50001

17:00 - 17:30

Energy Efficiency in the GCC: Status and Outlook

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Tuesday 24 October 2017

Renewable Energy Finance and Policy: Focus on MENA

10:30 - 10:50

Overview of Regulatory Frameworks and Policies Necessary to Drive the Uptake of Renewables in the MENA Region

Current policies across the MENA region and their expected environmental and economic savings, socio-economic impact on the region such as job creation in the renewable energy sector, improvement in energy access, women empowerment, SDGs, etc. Potential policy solutions for the region to increase the renewable energy potential.

10:50 - 11:40

Panel Discussion – Current Challenges to Increasing Uptake in the Region and Solutions

11:40 - 12:00

Audience Q&A

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Tuesday 24 October 2017

Renewable Energy Finance and Policy: Focus on MENA (CONTINUED)

12:30 - 13:30

Shams Dubai Programme and what DEWA is Doing to Combat Climate Change

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14:00 - 15:30

Cost of Finance: Residential, Commercial, Industry and Utility Scale Solar

Sustainable Financing
Green bonds and Sukuk
Phasing out fuel subsidies
Carbon Tax

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16:00 - 17:00

Utility Scale CSP 101 and Thermal Energy Storage Applications

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Wednesday 25 October 2017

City Challenges and Solutions

10:30 - 11:30

Role of Cities in Combating Climate Change

How solar can contribute to energy sustainability in the city

11:30 - 12:00

Case Study: Achieving Net Zero Development: Challenges and Opportunities from The Sustainable City

12:00 - 12:30

Dubai Green Building Evaluation System: Updates to Dubai Municipality's al Sa'fat Programme

Overview of Dubai's initiatives for sustainability
Dubai's construction progress and the challenges in meeting increased demand on power and water
Latest update on the green building projects
Overview of the implementation mechanism of the al Sa'faat
Outline of the requirements for assessment and certification of green buildings
Moving forward: Dubai's roadmap toward sustainability

12:30 - 13:00

Case Study: The Indian Growth Story - Rooftop Solar Solutions with Energy Storage Applications

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13:30 - 14:30

Electric Vehicle Grid Integration

How to power EVs from renewables
Electricity Storage and Plug-In Vehicles

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15:00 - 16:30

Workshop: Solar PV 101 - Thin Film Technology and Road Map

Fundamentals of thin film Solar PV. What are the differences between regular solar panels and thin film?
Configuration of solar PV power plants
Predicting the output and generation of solar power plants
Thin film technology efficiency roadmap, Series 6
O&M for thin film solar technology versus normal modules

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United Nations
Framework Convention on
Climate Change