

# IRENA and related meetings during World Future Energy Summit (WFES)

15 - 18 JANUARY 2018 AT ABU DHABI SUSTAINABILITY WEEK, ADNEC, ABU DHABI

As of: 6 January 2018

TIME	MONDAY, 15 JANUARY			TUESDAY, 16 JANUARY			TIME												
	Capital Suite 5	Capital Suite 7	IRENA Pavillion	Capital Suite 5	Capital Suite 7	IRENA Pavillion													
09.30	<b>09.30 - 12.30</b> WFES Opening Ceremony (ADNEC, ICC Hall)			<b>10.00 - 12.30</b> MENA RE Manufacturing Developments and Future Prospects			<b>10.00 - 12.30</b> Renewable energy in the water-energy nexus			09.30									
10.00										Dominican Republic	10.00								
10.30											10.30								
11.00										European Commission	11.00								
11.30											11.30								
12.00										France	12.00								
12.30	<b>12.30 - 14.00</b> Lunch Break			<b>12.30 - 14.00</b> Lunch Break			12.30												
13.00							13.00												
13.30	<b>13.30 - 17.00</b> The Role of Regions in the Global Energy Transition			<b>14.00 - 15.00</b> Funding offered for projects – IRENA/ADFD Project Facility			<b>14.30 - 16.00</b> Renewable Energy Investment in Southeast Asia			<b>14.00 - 17.30</b> Sector Coupling: Heat Pumps Facilitating High Shares of Solar & Wind			13.30						
14.00													<b>13.30 - 15.30</b> Global Standardization Initiative			UAE			14.00
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16.00													<b>15.30 - 18.00</b> Renewable Energy Industry Advisory Board (RIAB) of IEA			Germany			16.00
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	Monday, 15 January	14.00 - 19.00	Ad Hoc Technical Group on SDG7			IRENA HQ, Masdar City													
	Tuesday, 16 January	09.00 - 18.00	Coalition Strategy Meeting			IRENA HQ, Masdar City													

By Invitation

IRENA at ADNEC: Atrium Entrance / Booths A500 and A510

The IRENA Pavilion will feature presentations on "Stories of Success: Achievements and Potential in Renewable Energy" from IRENA Members

Monday, 15 January 2018

**The Role of Regions in the Global Energy Transition (Open)**

13.30 – 17.00  
Capital Suite 5

Regions, states and cities can play a key role in the global energy transformation. Some have made considerable progress during the past years, and others have established ambitious plans. In the context of multi-level governance, many regions, states and cities, faced with local realities, are already deploying cutting-edge technology innovations, setting some of the most ambitious renewable energy targets, and investing in clean tech infrastructure and start-ups, thereby spurring local and regional development and market growth, and accelerating the transition to a low carbon economy. Speakers, among others, from Fukushima in Japan, Hebei in China, Kasese in Uganda and Flanders in Belgium will discuss how regions, states and cities can accelerate the uptake of renewable energy at the subnational level. The meeting will explore important drivers, identify best practice approaches and assess how regions can learn from each other. It will explore which governance structures can lead to a successful energy transition, how to finance this transition, and what are realistic targets.

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**Global Solar Energy Standardisation Initiative (Open)**

13.30 – 15.30  
Capital Suite 7

IRENA in partnership with Terrawatt Initiative (TWI) launched the Global Solar Energy Standardisation Initiative last year to help accelerate the growth in renewable energy investment by developing a set of standardised contracts for solar PV projects. A simple, cost-efficient and risk-balanced set of contracts – freely and openly accessible to all - will greatly reduce due diligence cost and other soft costs whilst helping to actively drive market growth. Since the inception, working groups under the Initiative dedicated to each contract type (e.g. PPA, implementation agreement, financing facility) have worked together to agree on innovative ways to streamline the project documentation process and draft the terms of standard documentation for solar projects.

This event will present the results of this work. The Global Solar Energy Standardisation Initiative will then launch the review phase, during which interested private and public stakeholders will be invited to review the drafts. Discussions will focus on key issues relevant to the robust uptake of the contract package such as risk allocation and customisation.

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Monday, 15 January 2017 (Contd)

**Funding offered for projects – IRENA/ADFD Project Facility (Open)**

14.00 – 15.00  
IRENA Pavilion,  
ADNEC

Long term concessional lending to renewable energy projects in developing countries is important to help stimulate additional finance from the public and private sectors. The partnership that IRENA has with the Abu Dhabi Fund for Development (ADFD) facilitates such loans. ADFD provides USD 350 million in concessional loans over seven funding cycles to projects recommended by IRENA. In this session, the new sixth funding cycle application process will be explained. It will also be an opportunity to share the learning from previously selected applicants, experts and co-financing entities involved and also how to get involved to scale up renewable energy. Speaking at this event will be representatives from ADFD, the Chair of the IRENA/ADFD Advisory Committee, experts, selected applicants, co-funders and the IRENA Secretariat.

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**Renewable Energy Industry Advisory Board (RIAB) of IEA (Open)**

15:30 – 18:00  
Capital Suite 7

Scaling-up renewable energy deployment requires addressing several barriers including regulatory and administrative, financial and technological. The side-event will bring together representatives from the public and private sector to discuss the most pressing issues that are hindering the growth of the sector globally and innovative approaches to address the barriers. To inform the discussion, IRENA will present findings from two studies:

The IRENA Coalition for Action has developed a white paper addressing key risks and opportunities for scaling-up renewable energy investments in emerging markets. The white paper consolidates previous analyses and on the ground experiences of some of the leading private sector players in the field. It also presents an overview of community energy investment barriers, opportunities and good practices.

IRENA, the IEA and REN21 are jointly developing the study “Renewable Energy Policies in a time of Transition” that provides an overview of the latest trends and analysis of innovative policies to support renewables in power, heating and cooling and transport. The analysis goes beyond deployment policies to include measures for system integration of variable renewable energy and calls for the consideration of broader policies to provide an enabling environment for the transition This is shown in the new classification of policies presented in the report.

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Tuesday, 16 January 2018

**MENA RE Manufacturing Developments and Future Prospects (Open)**

10.00 – 12.30  
Capital Suite 5

The MENA region has witnessed a strong development of the RE technologies in the past few years and there are highly ambitious projects for the future. Based on these developments, since 2015, IRENA, with its partners, has initiated two reports aiming at evaluating RE manufacturing potential in a selection of MENA countries. The objective of this work is three-fold: Assess the competitive positioning in the manufacturing of key RE components; Identify the gaps for the development of a local RE manufacturing capacity in each country; Evaluate the availability of a skilled workforce for RE manufacturing (Solar PV, CSP, Wind).

The first report, published in 2015, in partnership between IRENA and the European Investment Bank (EIB), focused on Egypt, Morocco, Tunisia, while the upcoming second report, in partnership with UNESCWA, is focusing on Lebanon, Jordan and the UAE.

Following a presentation of the key findings of both reports, an open discussion will be opened with the attendance.

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**Renewable Energy Investments in Southeast Asia (Open)**

14.30 – 16.00  
Capital Suite 5

Co-organised by IRENA and the Energy Market Authority of Singapore.

The renewable energy investment landscape in ASEAN countries has transformed over the past decade as the sector has matured, and the technology, policy and financing options have grown and diversified. However, for the region to reach its ambitious target of securing 23% of primary energy from renewable sources by 2025, annual investment in renewables needs to reach USD 27 billion, which represents a ten-fold increase from current levels.

Building on IRENA research work and support for the Southeast Asia, including the Southeast Asia Renewable Energy Market Analysis and the investors roundtable recently held in Singapore, this event will bring together policy makers, capital providers and renewable energy companies to discuss main policy and financial impediments to investments in renewable energy in this region. Participants will also discuss successful approaches and best practices that could attract a greater share of private capital to region's growing renewable energy sector.

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Tuesday, 16 January 2018 (Contd)

**Renewable energy in the water-energy nexus (Open)**

10.00 – 12.30  
Capital Suite 7

IRENA's work on the water-energy nexus in part focuses on developing quantitative metrics to showcase the impacts of the power sector transformation on water needs of the sector. Following its Water Use in China's Power Sector (2016) analysis, IRENA has collaborated with the World Resources Institute to conduct a similar study on India's power sector. It examines the impact of REmap India roadmap options on water use in the power sector and the potential for water savings as a result of greater renewable energy deployment, improved cooling technologies and power plant efficiency. During the event, IRENA and WRI will jointly present the results of the analysis as well as an overview of their respective activities on the water-energy nexus. The event will convene policy-makers, regional institutions and other stakeholders, to discuss measures towards maximising the benefits of renewable energy deployment from a cross-sector perspective and address potential trade-offs.

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**Sector Coupling: Heat Pumps Facilitating High Shares of Solar & Wind (Open)**

14.00 – 17.30  
Capital Suite 7

As the share of variable renewable electricity (VRE) generation sources grows electricity systems will need greater flexibility to manage the system. As the share of renewables in electricity generation grows, new opportunities to electrify end-uses with decarbonised electricity grow, notably in transport and buildings. Dynamic sector coupling also has the possibility, of providing some of the flexibility needed for these higher share of variable renewables, achieving more together than alone.

This event will bring together IRENA and industry experts to discuss the potential of heat pumps providing heating and cooling in the residential, commercial and industrial sectors to also provide flexibility to the electricity sector, most notably with low-cost thermal energy storage coupled to the heat pumps.

Practical examples of heat pump flexibility from industry in Europe, MENA and China.

This event is jointly organised by IRENA and the European Heat Pump Association.

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