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Confederation of Indian Industry

presents

INTERNATIONAL SOLAR ALLIANCE PAVILION & FORUM

AT THE WORLD FUTURE ENERGY SUMMIT 2019, ABU DHABI
JANUARY 14 – 17, 2019 • ADNEC, ABU DHABI

AGENDA

DAY 1	MONDAY, JANUARY 14, 2019
1000 – 1300 ISA PAVILION	<ul style="list-style-type: none"> ▪ INAUGURATION OF ISA PAVILION ▪ AGORA PRESENTATIONS
1400 – 1730 ADNEC HALL 11 'INNOVATION'	ISA FORUM <ul style="list-style-type: none"> ▪ MINISTERIAL PLENARY ▪ MINISTERS' STRAIGHT TALK WITH ISA PARTNERS & SOLAR CHIEF EXECUTIVES ▪ PANEL DISCUSSION: DEMAND AGGREGATION FOR FOOD SECURITY THROUGH SOLAR WATER PUMPING SYSTEMS IN AGRICULTURE
1400 – 1500	ISA MINISTERIAL PLENARY
Welcome & Setting the Context	H.E. Upendra Tripathy Director General, International Solar Alliance
Special Addresses	H.E. Adnan Z Amin* Director General, IRENA H.E. Anand Kumar* Secretary, Ministry of New and Renewable Energy, India
Keynote Addresses	H.E. Dr Thani bin Ahmed Al Zeyoudi* Minister of Climate Change and Environment, UAE H.E. Pu Zoramthanga* Hon'ble Chief Minister, Mizoram, India Ministerial Representatives H.E. Cesar Augusto Hinestrosa Gomez Secretary of State for Industry and Energy, Equatorial Guinea Mr Robson Siro Political Advisor to Hon'ble Minister of Energy, Vanuatu

Ministerial Addresses on National Solar Roadmaps	<p>H.E. Ivan Collendavelloo Deputy Prime Minister and Minister of Energy and Public Utilities, Mauritius</p> <p>H.E. David Patterson* Minister of Public Infrastructure, Guyana</p> <p>H.E. Eric Wiebes* Minister of Economic Affairs and Climate Policy, The Netherlands</p> <p>H.E. Amina Moumouni Minister of Energy, Niger</p> <p>H.E. Suleiman Hassan Zarma Minister of Environment, Nigeria</p> <p>H.E. Osman Libah Ibrahim Acting Minister of Energy and Water Resources, Somalia</p> <p>H.E. Khider Mohamed Gasmeiseed* Minister of Water Resources, Irrigation and Electricity, Sudan</p> <p>H.E. Suhail bin Mohammed Al Mazrouei* Minister of Energy and Industry, UAE</p> <p>H.E. Irene Muloni Minister of Energy and Mineral Development, Uganda</p> <p>H.E. Mohamed Abdulah Saleh Alanani Minister of Electricity and Energy, Yemen</p> <p>H.E. Jorum MacDonald Gumbo Minister of Energy and Power Development, Zimbabwe</p>
Inaugural Addresses	<p>H.E. Francois de Rugy* Minister for Ecological and Inclusive Transition, France</p> <p>H.E. Raj Kumar Singh Minister of State (I/C), Power & New and Renewable Energy, India</p>
1500 – 1520	NETWORKING TEA BREAK
1520 – 1620	MINISTERS' STRAIGHT TALK WITH ISA PARTNERS & SOLAR CHIEF EXECUTIVES
<p>Closed door, by-invitation-only interaction of 29 ISA Partners and solar chief executives with ISA Ministerial Delegation. The Ministerial Straight Talk will cover regulatory policies, project financing and fiscal incentives to align ISA's objectives with global financial markets, thereby mobilising major investments into ISA Member Countries to accelerate energy transformation. The session will connect policymakers with experts from public and private finance institutions and industry to discuss how to best capitalise upon the opportunities presented by the rapidly evolving solar energy sector.</p> <p>Chair H.E. Raj Kumar Singh, Minister of State (I/C), Power & New and Renewable Energy, India</p> <p>Co-Chair H.E. Mohamed Jameel Al Ramahi, Chief Executive Officer, Masdar, Abu Dhabi*</p> <p>Moderator Mr David S Renne, President, International Solar Energy Society (ISES), USA</p> <p>In Discussion</p> <ul style="list-style-type: none"> ▪ Hon'ble Ministers from ISA Member countries ▪ Representatives of ISA Partners ▪ Bankers and solar chief executives 	

1620 - 1630	SESSION CHANGEOVER
1630 – 1730	PANEL DISCUSSION: DEMAND AGGREGATION FOR FOOD SECURITY THROUGH SOLAR WATER PUMPING SYSTEMS IN AGRICULTURE
<p>This session will explore the impact of Solar Water Pumping System (SWPS) in India and the possibility of replication similar successful models in ISA Member Countries. Topics will include efficient use of water; capacity building and sustainability of SWPS projects; the role of power distribution companies and financial institutions solar pumps programmes; demand aggregation and its implication on cost reduction, and employment generation through SWPS.</p>	
<p>Chair TBD</p>	
<p>Moderator Mr Kim Jensen, Regional Managing Director, Asia Pacific Region, Grundfos, Denmark</p>	
<p>Panelists Mr Harry Boyd Carpenter, Director, Head of Power & Energy Utilities, EBRD Mr Jose Donoso, CEO, Union Espanola Fotovoltaica and Co-Chair, Global Solar Council from Spain Solar Association Mr Mohammad Alauddin, Joint Secretary – Power and National Focal Point for ISA, Government of Bangladesh Mr Raghav Agarwal, Director - Strategy and Business Development, Rotomaq Motors & Controls Pvt Ltd, India Mr Ramesh Patidar, Director – International Business, Shakti Pumps, India Mr Shilp Verma, Consulting Researcher, International Water Management Institute (IWMI)</p>	
END OF DAY 1	
DAY 2	TUESDAY, JANUARY 15, 2019
1000 – 1730 ISA PAVILION	AGORA PRESENTATIONS & G2G, B2G AND B2B MEETINGS
1000 – 1200	Presentations by ISA Partners & Task Forces
1200 – 1300	G2G, B2G, B2B meetings
1430 – 1600	Presentations on innovation, technology and start-ups
1600 – 1700	Industry / academia interactions and presentations
1700 – 1730	Signing of new solar projects
END OF DAY 2	
DAY 3	WEDNESDAY, JANUARY 16, 2019
1000 – 1330 CAPITAL SUITE	ISA FORUM: TECHNICAL SESSIONS <ul style="list-style-type: none"> ▪ CAPACITY BUILDING, R&D AND TECHNOLOGY TRANSFER TO ISA MEMBER COUNTRIES ▪ SOLAR E-MOBILITY AND STORAGE AT SCALE
1430 – 1730 ISA PAVILION	AGORA PRESENTATIONS & G2G, B2G AND B2B MEETINGS <ul style="list-style-type: none"> ▪ Presentations by ISA Partners & Task Forces ▪ Industry / academia interactions and presentations ▪ Presentations on innovation, technology and start-ups ▪ G2G, B2G, B2B meetings and signing of new solar projects
1000 – 1130	TECHNICAL SESSION A: CAPACITY BUILDING, R&D AND TECHNOLOGY TRANSFER TO ISA MEMBER COUNTRIES
<p>In March 2018, ISA launched the STAR-C (Solar Technology Application Resource-Centre) programme aimed at building a network of technical training and research centres to promote knowledge dissemination and capacity-building for solar energy and infrastructure projects. The specific and common obstacles that still stand in the way of rapid and massive scale-up of solar energy in ISA Member Countries can be addressed if the countries act in a coordinated manner, with strong political impulse and resolve, and by better harmonizing and aggregating the demand for solar technologies, innovation and capacity-building.</p>	
<p>As has been observed by many funding institutions and project developers, the lack of skilled technicians and engineers on the ground is one of the main hurdles to large-scale deployment of solar energy. Adequate capacity building of local personnel is key for knowledge transfer and increasing the value and bankability of solar projects.</p>	

The STAR-C programme will provide a base for innovative knowledge sharing and thus create a very powerful network of trained technicians and engineers across the world. This consolidated, pragmatic network will provide a strong lever to reduce costs, increase quality and bring reliable and affordable solar energy within the reach of all.

This panel will explore solar and renewable energy capacity building programmes of ISA Member Countries and Partner Organisations. It will also discuss the importance of R&D on solar energy and the benefits of collaboration among ISA Members for solar innovation, incubation, and start-ups. The session will also identify policy interventions required to support the international effort on solar research and scope of technology transfer amongst ISA Members.

Chair
TBD

Moderator
Mr Philippe Malbranche, Director General, INES, France

Panelists

- Mr Anis Jouini, CEO, INES R&D, and Deputy Head, CEA LITEN in charge of Solar Energy, France
- Mr Christopher Dunne, EMEA Regional Manager, PI Photovoltaik-Institut Berlin AG (PIPI)
- Mr Gianni Chianetta, Vice President, Italia Solare, Italy
- Mr Glen Pearce-Oroz, Director – Policy and Programs, Sustainable Energy for All
- Mr Hosni Ghedira, Director, Research Centre for RE Mapping and Assessment, Masdar Institute, UAE
- Mr N S Prasad, Senior Fellow, TERI, India
- Mr Pranav R Mehta, Chairman, National Solar Energy Federation of India and Chairman, Global Solar Council
- Dr Roland Roesch, Deputy Director, IRENA Innovation and Technology Center
- Ms Victoria Healey, Project Manager, National Renewable Energy Laboratory, USA
- Mr Vivek Chaturvedi, Regional Business Director – Solar, India, Middle East & Africa, DSM India Pvt Ltd
- Mr Wim Allen, Sub-regional Head of Asset Management, ENGIE

SESSION CHANGEOVER

1200 – 1330 TECHNICAL SESSION B: SOLAR E-MOBILITY AND STORAGE AT SCALE

Increasingly cheaper battery storage is a gamechanger in up-scaling and mainstreaming renewables for energy security, climate change and socioeconomic development. This session will explore the future of battery storage: its impact on the development and expansion of electric mobility, and the roadmap to make storage economically attractive to consumers. ISA will use the key takeaways of this discussion to develop its fifth programme on ‘Scaling Solar-Supported e-Mobility and Storage’, launched in October 2018 by ISA Member Countries.

Chair
H.E. Shaktikanta Das, Sherpa from India to G20 & Governor, Reserve Bank of India*

Moderator
Mr Mohammed Al Ta'ani, Secretary General, Arab Renewable Energy Commission (AREC Arab) and Vice-Chairman, Jordanian Renewable Energy Society (JRES)

Panelists

- Mr Atul Gupta, Assistant Vice President, Jakson Engineers Ltd, India
- Mr Harry Boyd Carpenter, Director, Head of Power & Energy Utilities, EBRD
- Mr Takamasa Murakami, Chief Representative – India and Middle East, NEDO, Japan
- Mr Sandeep Gupte, Director – Projects, India Energy Storage Alliance & CES, India
- Mr Sandith Thandasherry, Chief Executive Officer, NavAlt, India

1430 – 1730 AGORA PRESENTATIONS & G2G, B2G AND B2B MEETINGS

1430 – 1530	Presentations by ISA Partners & Task Forces
1530 – 1615	Industry / academia interactions and presentations
1615 – 1700	Presentations on innovation, technology and start-ups
1700 – 1730	G2G, B2G, B2B meetings and signing of new solar projects

END OF DAY 3

*Invited, confirmation awaited