



INTERNATIONAL SOLAR ALLIANCE

World Solar Technology Summit, 2020

September 08, 2020 | 04:30 – 09:30 PM IST

The International Solar Alliance (ISA) is a treaty-based international intergovernmental organisation. ISA was launched by H.E. Narendra Modi, Hon'ble Prime Minister of India, and H.E. François Hollande, former President of France, in the presence of H.E. Ban Ki Moon, former Secretary-General of the United Nations, at Paris on November 30, 2015 on the side lines of the Conference of Parties (COP) 21, of the United Nations Framework Convention on Climate Change. The Paris Declaration establishes ISA as an alliance dedicated to the promotion of solar energy among its Member Countries. The major objectives of the organization include deployment of 1000 GW of solar capacity and mobilisation of US\$ 1000 billion of investment in solar energy sector by 2030. As an action-oriented organisation, ISA intends to bring together member countries to aggregate demand and realise economies of scale, resulting in reduction of costs of solar applications, facilitating deployment of existing solar technologies at scale, and promoting collaborative solar R&D and capacity. As on June 26 2020, the ISA Framework Agreement has been signed by 86 countries, with 67 having also deposited instruments of ratification. The ISA is headquartered at Gurugram in Haryana, India. H.E. Mr. Upendra Tripathy is the Director General.

Contextual Background

There is a gap at present in the application of solar technologies to the very large un-met demand for solar-powered technologies in most countries. There is an incidental shortage of solar energy manufacturing eco-system, acquisition, diffusion, indigenization & absorption of technologies. With increasing applications, import of solar technologies has also been increasing. These apart, absence of universal energy access, energy equity and affordability are issues common to many ISA member countries. Solar technologies have made significant progress and are now considered as a viable option for meeting energy needs in a sustainable manner. The Framework Agreement of ISA calls for adaptation of solar technologies in member countries to reduce cost of finance and cost of technology, so that its deployment can be scaled up. ISA is working with its member countries to formulate projects and programmes to accelerate development and deployment of existing clean solar projects, the potential for which largely remain untapped. ISA is also facilitating capacity building for promotion and adoption of solar technologies and R&D among member countries to bridge the gap.

About the World Solar Technology Summit, 2020

It is proposed to organise World Solar Technology Summit (WSTS) on September 08, 2020. The Hon'ble Prime Minister of India Shri Narendra Modi shall grace the Inaugural Ceremony. The Summit aims to bring together key stakeholders - leading academic scientists, technology developers, researchers and innovators to present and discuss the recent highlights of solar technologies, cost-wise; technology-wise, technology transfers, challenges and concerns in the field. The main objective of WSTS is to showcase to member countries the state of the art and next-generation solar technologies worldwide and to give an opportunity to decision-makers and stakeholders to meet, and discuss their own priorities and strategic agenda towards a larger integration.

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WORLD SOLAR TECHNOLOGY SUMMIT**

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PROVISIONAL AGENDA

Medium: Virtual	
OPENING PLENARY SESSION 16:30 – 18:00 Hrs	
16:30 Hrs.	Arrival (Virtual) of the VVIP
16:30 – 16:31 Hrs	Silent prayer for the departed souls that battled Covid-19
16:31 – 16:36 Hrs. Welcome Address	Shri R.K. Singh, Hon’ble Minister of Power, New and Renewable Energy and Skill Development, Govt. of India and President of the ISA Assembly.
16 :36 -16 :39 Hrs Special Address	Prof. K. VijayRaghavan * (TBC) Principal Scientific Advisor to Government of India
16:39 – 16:44 Hrs. Keynote Address	Ms Barbara Pompili, * (TBC) Hon’ble Minister of Ecological Transition, Govt. of France and Co-President of the ISA Assembly.
16:44 -16:49 Hrs Special Address	Mr. Bertrand Piccard Chairman, Solar Impulse Foundation
16:49 – 16:52 Hrs Special Address	Dr. Dharendra Yogi Goswami* (TBC) Distinguished University Professor in Chemical Engineering, Director of the Clean Research Centre, University of South Florida, USA
16:52 – 17:02 Hrs Keynote Address	Nobel laureate Dr M. Stanley Whittingham Director and Professor of Chemistry, Institute for Materials Research and the Materials Science and Engineering Program Binghamton University, State University of New York.
17:02 – 17:05 Hrs Special Address	Dr. Sangita Reddy President of FICCI. ISA’s Industry Partner for World Solar Technology Summit
17:05 – 17:08 Hrs Action Agenda	Mr. Uday Kotak President of CII. To hand over the Corporate partnership letters to Hon’ble Prime Minister.
17:08 -17:13 Hrs Keynote Address	Ms. Ursula Von der Leyen * (TBC) Hon’ble President, European Commission, Belgium
17:13 – 17:56 Hrs. Inaugural Address	Shri Narendra Modi Hon’ble Prime Minister of India

17:56– 18:00 Hrs. Vote of Thanks	Mr. Upendra Tripathy, Director General, International Solar Alliance Secretariat
18:00 Hrs	Departure of VVIP
<i>SESSIONS TO FOLLOW</i>	
Session: 2	GLOBAL CEO'S SESSION 18:00 – 19:00 Hrs
Discussion Points	Moderated panel discussion among the CEOs of some of the world's largest corporations that contribute greatly towards the promotion of solar energy integration with other renewables and storage for sustainable energy solutions. The discussions would be linked around the creation of an innovative ecosystem that could promote the expansion of the solar energy landscape globally.
Opening Remarks	
Panellists (*To be confirmed)	<p>Mr. Masayoshi Son*, Chairman & CEO, SoftBank</p> <p>Mr. Jean-Pascal Tricoire, Chairman & CEO, Schneider Electric</p> <p>Mr. Eric Rondolat, Chief Executive Officer, Signify</p> <p>Mr. Natarajan Chandrasekaran*, Chairman, TATA Group</p> <p>Mr. Shawn Qu*, Chairman & CEO, Canadian Solar</p> <p>Mr. Hak Cheol Shin, Vice Chairman & CEO, LG Chem, Korea</p> <p>Mr. Lawrence Culp Jr.*, Chairman & CEO, General Electric Company (GE), USA</p> <p>Mr. Ratan N. Tata, Chairman, Tata Trust, Chairman Emeritus, Tata Sons</p> <p>Mr. Gautam Adani, Chairman and Founder, Adani Group</p> <p>Mr Jean-Pierre Clamadieu*, Chairman of the Board of Directors, ENGIE</p> <p>Mr Patrick Pouyanne*, Chairman & Chief Executive Officer, TOTAL</p> <p>Mr Kumar Mangalam Birla*, Chairman, Aditya Birla Group</p> <p>Mr Kazuhiro Tsuga*, Chief Executive Officer, Panasonic</p> <p>Mr. Anand G Mahindra, Chairman & Managing Director, Mahindra & Mahindra Ltd</p>

Technical Session: 3.1	VISION 2030 AND BEYOND 19:00 – 19:50 Hrs
Discussion Points	<p>This session will describe the current solar PV situation (technologies, markets, manufacturing capacities) and its future prospect up to 2050, explaining how the solar sector will revolutionize allied sectors such as the transportation sector and agricultural sector among others.</p>
19:00 – 19:05 Hrs <i>Vice-Presidential Remarks</i>	Session Chair: H.E. Mr. Poasi MattaeleTei* (TBC) Hon'ble Minister for Meteorology, Energy, Information Management, Environment, Climate Change & Communications of Tonga & Vice President, ISA Assembly (Asia Pacific).
19:05 – 19:25 Hrs Keynote Address	Prof. Christian Breyer, Lappeenranta University of Technology, Finland (LUT)
19:25-19:35 Hrs Presentation	Mr. Gianni Chianetta, Chairman, Global Solar Council, Italy
19:35 – 19:45 Hrs Presentation	Dr. Jutta Trube Director Photovoltaic Equipment bei VDMA, International Technology Roadmap for Photovoltaic (ITRPV), Germany
19:45 – 19:50 Hrs Open House	Q & A (Limited questions as per time availability)
Technical Session: 3.2	TOWARDS GRID DECARBONISATION 19:00 – 19:50 Hrs
Discussion Points	<p>Solar parks are vital for providing low-cost electricity. This session will focus on understanding how best to achieve such low-cost electricity, and answer questions regarding the impacts of optimization on a larger scale: socio-economic and environmental impacts, services to the grid system, etc.</p>
19:00–19:05 Hrs <i>Vice-Presidential Remarks</i>	Session Chair: The Rt Hon Alok Sharma MP* (TBC) Secretary of State for Business, Energy and Industrial Strategy, Government of UK and Vice President, ISA Assembly (Europe Region).
19:05 – 19:15 Hrs Presentation	Mr. Patrick Charignon Director Asia, EDF ENR
19:15-19:25 Hrs Presentation	Mr. Mahindra Jain, Addl. Chief Secretary, (Power), Government of Karnataka, India
19:25 – 19:35 Hrs Presentation	Mr. J N Swain, Chairman & Managing Director (Solar Energy Corporation of India)

19:35-19:45Hrs Presentation	Mr. Nikit Abhyankar, Lawrence Berkeley National Laboratory, USA
19:45 – 19:50 Hrs	Q & A (Limited questions as per time availability)
Session: 4.1	DISRUPTIVE SOLAR TECHNOLOGIES 19:50 – 20:40 Hrs
Discussion Points	Technological innovation has supported most of the improvements in terms of performance and costs over decades. This session will address some key innovations that are being rolled-out in to the market in the mid-or long-term.
19:50 – 19:55 Hrs <i>Vice-Presidential Remarks</i>	Session Chair: H.E. Mr. Ably Bidamon Dederiwe* (TBC) Minister of Mines and Energy, Togolese Republic &ISA Assembly Vice President (Africa region)
19:55 – 20:03 Hrs Keynote Address	Prof. Eicke Weber Chairman, European Solar Manufacturing Council, (ESMC)
20:03 -20:13 Hrs Presentation	Mr. Gunter Erfurt Chief Executive Officer, Meyer &Burger Technology Ltd., Germany
20:13 – 20:23 Hrs Presentation	Mr. Stefan Reber Chief Executive Officer, NexWafe
20:23–20:31 Hrs Address	Dr. Chris Case* (TBC) Chief Technology Officer, Oxford PV
Presentation 20:31 – 20:40 Hrs	Prof. Martin Green*(TBC) University of New South wales (UNSW) Sydney, Australia.
Session: 4.2	SOLAR BEYOND THE POWER SECTOR 19.50 to 20.40 Hrs
Discussions Points	Beyond large-scale solar parks, photovoltaics can be applied to a large number of applications, for instance in the transportation sector with solar mobility, or in the building sector with rooftops and BIPV among others.
19:50 – 19:55 Hrs <i>Vice-Presidential Remarks</i>	Session Chair: H.E. Mr. Luis Miguel Incháustegui Zevallos Minister of Energy and Mines, Republic of Peru and Vice President, ISA Assembly (LAC Region)
19 :55 – 20 :10 Hrs Keynote Address	Bertrand Piccard FRSGS Founder and chairman, Solar Impulse Foundation, Switzerland
20 :10 – 20 :20 Hrs Presentation	Mr. Eric Scotto, Chief Executive Officer & Co-founder, Akuo Energy
20:20 – 20:30 Hrs Address	Mr. Arun Ramakrishnan, Chief Technical Officer, Sono Motors, Germany
20:30 – 20:40 Hrs Presentation	Mr. David Richard Chief Executive Officer, Activskeen

SESSION : 5	VALEDICTORY SESSION 20 :40 – 21 :30 Hrs
20 :40 – 20 :45 Hrs Welcome Address	Mr. Upendra Tripathy Director General, International Solar Alliance
20 :45 - 20 :50 Hrs Setting the Context	Shri Indu Shekhar Chaturvedi* (TBC) Secretary, Ministry of New and Renewable Energy, Govt. of India
20 :50 – 20 :55 Hrs Address	Shri Sanjiv Nandan Sahai * (TBC) Secretary, Ministry of Power, Government of India
20 :55 – 21 :00 Hrs Keynote Address	Shri Suresh Prabhu Prime Minister’s Sherpa to the G7 and G20
21 :00 – 21 :05 Hrs Keynote Address	Shri Piyush Goyal Hon’ble Minister of Railways, Commerce & Industry, Govt of India.
21 :05 – 21 :10 Hrs Co-Valedictory Address	Mr. Jean-Yves Le Drian* (TBC) Hon’ble Minister of Europe and Foreign Affairs, Republic of France
21 :10 – 21 :15 Hrs Valedictory Address	Shri S. Jaishankar* (TBC) Hon’ble Minister of External Affairs, Government of India
21 :15 – 21 :20 Hrs Vote of Thanks	Dr. Philippe Mallbranche Director (Programmes), International Solar Alliance Secretariat
END OF SUMMIT	