

# HIGH-LEVEL CONFERENCE ON NEW TECHNOLOGIES FOR CLEAN ENERGY TRANSITION

5 NOVEMBER 2024 | 10:00 - 17:30 HOURS IST  
MULTI-PURPOSE HALL, BHARAT MANDAPAM, NEW DELHI



In collaboration with  
**ISES**  
International Solar Energy Society

## High-Level Conference on New Technologies for Clean Energy Transition

5 November 2024: 10:00 - 17:30 hours IST, New Delhi, India

The International Solar Alliance is organizing the third edition of the High-level Conference on New Technologies for Clean Energy Transition in collaboration with the Ministry of New & Renewable Energy, the Government of India, the Asian Development Bank, and the International Solar Energy Society on the sidelines of the Seventh Session of the ISA Assembly.

The overarching goal of the conference is to translate dialogue into action. The Conference will be attended by the Ministerial delegations of the ISA Member Countries, policymakers, experts, and industry leaders. The Conference aims to drive real-world change and make significant strides toward achieving global climate goals by fostering collaboration, sparking innovation, and sharing knowledge.

Opening Plenary	
10:00 - 10:07 hours	<b>Welcome Address:</b> Dr Ajay Mathur, Director General, ISA
10:07 - 10:14 hours	<b>Inaugural Address:</b> Mio Oka, Country Director, India Resident Mission, Asian Development Bank
10:14 - 10:20 hours	<b>Special Address:</b> Viktoria Martin, President, International Solar Energy Society (Online)
10:20 - 10:30 hours	<b>Special Address:</b> Shri Prashant Kumar Singh, Secretary, Ministry of New and Renewable Energy, Government of India
10:30 - 10:45 hours	<b>Keynote Address:</b> Shri Pralhad Venkatesh Joshi, Hon'ble Minister, New and Renewable Energy and President of the ISA Assembly
10:45 - 10:50 hours	Release of World Solar Reports 2024 on Technology, Investments & Markets- third edition And Release of Readiness Assessment of Green Hydrogen in African Countries by ISA and Denmark
10:50 - 11:00 hours	Presentation on the World Solar Reports 2024

As on 1 November 2024



**Coffee Break (11:00 - 11:15 hours)**

**Technical Session – I**

**Session Title- New Age Solar Technologies: Powering the Future of Clean Energy Transition**

**Time: 11:15 – 12:45 hours (1 hour 30 minutes)**

**Session Chair: H.E. Sidronius Opolot Okaasai, Hon'ble Minister of State for Energy,  
Ministry of Energy and Mineral Development, Republic of Uganda**

i	11:15 - 11:20	Opening Remarks	Shri Lalit Bohra, Joint Secretary, MNRE
ii	11:20 - 11:25	Special Address	<b>Session Chair:</b> H.E. Sidronius Opolot Okaasai, Hon'ble Minister of State for Energy, Ministry of Energy and Mineral Development, Republic of Uganda
iii	11:25 - 12:25	Panel Discussion  <b>Moderator:</b> Dr. Gurleen Kaur, Technology and Solar Specialist, International Solar Alliance	Prof. Subodh Mhalsaikar President's Chair in Energy Nanyang Technological University, Singapore
			Prof. Ian Marius Peters, Team Head, Forschungszentrum Jülich
			Dr David Renne, Past-President and Board Member, ISES Emeritus Researcher, NREL
			Florian Postel Advisor, Indo-German Cooperation on Agrivoltaics
			Mani Khurana Senior Energy Specialist, World Bank
			Prof. Dinesh Kabra Forbes Marshall Chair Professor for Energy Science & Engineering, Indian Institute of Technology Bombay
			Dr Rashi Gupta Founder & Managing Director Vision Mechatronics Private Ltd
		Deepak Ushadevi, Managing Director & CEO Ciel & Terre India	
iv	12:25 - 12:40	Audience Interaction	Moderator
v	12:40 - 12:45	Closing remarks and way forward	Joshua Wycliffe, COO, ISA

**LUNCH (12:45-13:45 Hrs)**

**Technical Session – II**

**Session Title- Emerging Storage Technologies: ISA Perspective**

**Time: 13:45 – 15:15 hours (1 hour 30 minutes)**

**Session Chair: H.E. Filipe Tuisawau, Hon'ble Minister, Ministry of Public Works,  
Meteorological Services and Transport, Republic of Fiji**

i	13:45 – 13:48	Context Setting	Dr Mridula Bharadwaj, Programme Lead – Storage
ii	13:48 - 13:53	Opening Address	Dr Arun Kumar, Professor, Indian Institute of Technology, Roorkee
iii	13:53 – 13:58	Special Address	Session Chair: H.E. Filipe Tuisawau, Hon'ble Minister, Ministry of Public Works, Meteorological Services and Transport, Republic of Fiji
iv	13:58 - 14:58	Panel Discussion  <b>Moderator:</b> Dr Rahul Walawalkar, Chairman, IESA India	Shri Lalit Bohra, Joint Secretary, MNRE
			Jiwan Sharma Acharya, Principal Energy Specialist - South Asia, ADB, Philippines
			Saurav Mitra, Director – Market Development, Sumitomo SFW
			Santosh Gurunath, CEO and Co-Founder, Umagine, India
			Mathieu Geze, Managing Director, APAC, HDF Energy, Indonesia
			Dr Gayatri Dadheech, Chief Technology Officer, Exide Energy Solutions Ltd., USA
			Dr Arjun Bhattarai, Co-founder and CTO, V-FlowTech, Singapore

v	14:58 - 15:08	Audience Interaction	Moderator
vi	15:08 - 15:15	Closing remarks and way forward	ISA
<b>15:15- 15:30 (COFFEE BREAK)</b>			

### Technical Session – III

#### **Session Title- Unleashing the Role of Solar: In accelerating equitable economic, social and environmental development**

**Time: 15:30 – 17:00 hours (1 hour 30 minutes)**

**Session Chair: H.E. Kerryne James, Hon’ble Minister, Ministry of Climate Resilience, the Environment and Renewable Energy, Republic of Grenada**

**Moderator: Dr Ajay Mathur, DG ISA**

i	15:30 - 15:36	Context Setting	Opening remarks by Karan Mangotra, ISA Background Presentation by BCG
ii	15:36 - 15:43	Kenote Address	Session Chair: H.E. Kerryne James, Hon’ble Minister, Ministry of Climate Resilience, the Environment and Renewable Energy, Republic of Grenada
iii	15:43 - 15:50	Special Address	Shri Lalit Bohra, Joint Secretary, MNRE
iv	15:50 - 16:45	Panel Discussion	R.R. Rashmi, Distinguished Fellow, TERI
			Saurabh Kumar, VP-India, GEAPP
			Sujata Gupta, Director, South Asia (Energy), Asian Development Bank
			Uwe Gehlen, Development Expert, German Federal Ministry for Economic Cooperation and Development and Head of Development Cooperation in India, German Embassy
			Dr Frehiwot Woldehanna, former Minister of Water, Irrigation and Energy, Government of Ethiopia
			Fefiloi Kerstin, Principal Renewable Energy Officer, Ministry of Natural Resources and Environment, Government of Samoa
v	16:45 - 16:50	Audience Interaction	Moderator
vi	16:50 - 17:00	Closing remarks and way forward	Dr Ajay Mathur, DG, ISA

### Closing Plenary

17:00- 17:05 hours	<b>Opening Address:</b> ISA Secretariat
17:05 - 17:20 hours	<b>Special Address:</b> Shri Shripad Yesso Naik, Hon’ble Minister of State, New and Renewable Energy
17:20 - 17:30 hours	<b>Closing Remarks:</b> Sujata Gupta, Director, South Asia (Energy), Asian Development Bank



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