



Sixth Session of the International Solar Alliance Assembly
30 October - 1 November 2023
New Delhi, India

High-Level Conference on New Technologies for Clean Energy Transition

Second Edition

1 November 2023: 10:00 - 18:00 hours IST, New Delhi, India

CONCEPT NOTE

Session 2: Solar PV Resilient Supply Chains: Need for International Collaboration in Solar Manufacturing

14:15 - 15:45 hours IST, Convention Hall, Hotel Ashok

A. Introduction

1. Over the last decade the global solar PV manufacturing capacity has gradually moved from Europe, Japan and USA to China and have been concentrated in one country. Today, with the growing solar energy demand the solar PV manufacturing is getting highly monopolized and there is a need for resilient supply chain as with concentration of PV supply chain is bringing vulnerabilities, delays in imports, pricing and ultimately posing potential challenges for the energy transition.
2. Hence, in order to meet international energy and climate goals the global deployment for solar PV is and will grow on an unprecedented scale. Therefore, there is demand for a major additional expansion in manufacturing capacity, and concentration of PV manufacturing is raising concerns about the world's ability to rapidly develop resilient supply chains. Today, the world almost completely relies on China for supply of solar panels and this level of concentration in any global supply chain would represent a considerable vulnerability where solar PV is no exception.
3. Additionally, in the pathway of net zero emissions Solar PV's demand for critical minerals and it will play a dominating role in solar PV manufacturing and its resilient supply chain. Hence, today it is need for the hour to cooperate and collaborate for critical minerals and solar PV manufacturing.

B. Session objectives

1. The session will highlight and give insight on the pathway for measures that can be taken for resilient supply chain
2. The Session will highlight how the international solar community and states can collaborate together for solar PV manufacturing.

Sixth Session of the International Solar Alliance Assembly
30 October - 1 November 2023
New Delhi, India

C. Agenda

Time in IST	Particulars
14:15 - 14:20 hours	Opening Remarks: Dr. Ajay Mathur, Director General, ISA
14:20 - 14:25 hours	Special Address: Mr. Dinesh Jagdale, Joint Secretary, MNRE
14:25-14:30	Special Address: Mr. Bartosz Przywara, European Union Delegation to India
14:30 – 14:45 hours	Presentation of Supply Chain Resilience Report by NSEFI & Solar Power Europe
14:45 - 15:30 hours (45 minutes)	<p>Panel Discussion Session Chair and Moderator: Subrahmanyam Pulipaka, CEO NSEFI</p> <p>Panellists:</p> <ol style="list-style-type: none"> 1. Dr. Priyantha Wijayatunga, Senior Director, Asian Development Bank (ADB) 2. Dr. Ming-Tsun Kuo, Deputy Division Director, Industrial Technology Research Institute 3. Mr. Sujoy Ghosh, Country Director, First Solar 4. Ms. Vasanthi Sreeram, Chief Technical Advisor, Websol Energy 5. Mr. Sukumar Madugula, General Manager, RCT Solutions 6. Mr. Eric Quiring, Director, Global Public Affairs, SMA
15:30 - 15:40 hours	Audience Interaction
15:40 - 15:45 hours	<p>Closing remarks and way forward: Mr. Mate Heisz, Global Affairs Director, Solar Power Europe</p> <p>Session Organisers: Mr Alexander Hogeveen Rutter, ISA Secretariat</p>