

UN CLIMATE CHANGE CONFERENCE – UNITED ARAB EMIRATES

30 NOVEMBER – 12 DECEMBER 2023

THE SOLAR HUB



PV RECYCLING AND END-OF-LIFE PROCESSING: FOSTERING GLOBAL PARTNERSHIPS TO WORK TOWARDS END-OF-LIFE PV RECYCLING

In Collaboration with



Thematic Arena 3, TA3-190, Opportunity District, Expo City, Dubai

4 DECEMBER, 2023 | 15:00 PM – 16:30 PM

<p>Background & Rationale</p>	<p>All the countries have set ambitious renewable energy targets including for solar energy to attain the principle goal of the Paris Agreement. The Global vision to achieve Net Zero by 2050 in addition to attaining short-term goals of increasing renewable energy capacity by 2030 with the majority share held by solar energy. With PV deployment increasing exponentially, the number of PV modules that reach the end of useful life will also greatly increase after the time lag of operation, accumulating proportionately as waste which requires a feasible plan to manage and recycle the industrial waste since solar panels have a lifespan of 25-30 years. Growing PV panel waste presents a new environmental challenge, but also unprecedented opportunities to create value and pursue new economic avenues. Fostering global partnerships will assist in tackling the challenges associated with end-of-life PV Recycling as well as create economic opportunities. Countries such as India which are growing at the forefront of installed solar capacity is estimated to generate a cumulative of PV waste as high as 34,600 metric tons by the end of 2030, a synergy of global partners working on End-of-Life of PV recycling could lead the way forward for tackling the issues associated with PV recycling</p>
<p>Objective</p>	<ul style="list-style-type: none"> ▪ Stakeholder collaboration and partnerships for advancing global partnerships working for end-of-life PV Recycling ▪ The potential of global partnerships in tackling the challenges associated with PV recycling and waste management.

Plenary	
15:00 - 15:10 PM	Context Setting Alexander Hogeveen , Private Sector Specialist, ISA
15:10 - 15:20 PM	Keynote Address Jt. Secretary (Solar) /Senior Official, Ministry of New and Renewable Energy, Government of India
15:20 - 16:15 PM	Panel Discussion Moderator <ul style="list-style-type: none"> ▪ Subrahmanyam Pulipaka, CEO, NSEFI Panellists <ul style="list-style-type: none"> ▪ David Renne, International Solar Energy Society ▪ Sonia Dunlop, CEO, Global Solar Council ▪ Sujoy Gosh, Country Director, First Solar
16:15 - 16:25 PM	Interventions from the Audience
16:25 - 16:30 PM	Concluding Remarks Shubhang Parekh , Manager, International Relations & New Projects, NSEFI

