

UN CLIMATE CHANGE CONFERENCE – UNITED ARAB EMIRATES

30 NOVEMBER – 12 DECEMBER 2023

THE SOLAR HUB



GLOBAL SOLAR STOCKTAKE: SOLAR ENERGY MEETING THE AMBITION OF TRIPLING RENEWABLE ENERGY BY 2030

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

9 DECEMBER, 2023 | 10:30 AM – 12:00 PM

Background & Rationale

While 2023 being a global stock take year providing a comprehensive assessment of progress since adopting the Paris Agreement, ISA intends to complement the efforts of the global community by undertaking a global stock take on solar energy transition and making solar energy transition a key element of enhanced NDCs to achieve the Paris Agreement goals. This is the first year for solar energy stock take with preliminary results. Going forward ISA intends to institutionalize the process of a detail stock take in collaboration with ISA partners.

By harnessing the potential of solar energy, countries in the Africa, Latin America and Asia-Pacific region can make substantial progress towards achieving SDG 7 and its targets, while simultaneously addressing other sustainable development goals related to climate change, health, poverty eradication, and economic growth.

Of the total 195 countries, 137 countries have Energy-related NDCs. Of which 131 have some level of RE commitments but only 60 have solar-specific targets/commitments. Even within the 60 countries there is no standardized format for the NDCs and therefore they are difficult to compare (apple-to-apple). While some countries have “% share of installed capacity of RE”, others may have “GW of installations in X years/annually”, “development of solar parks”. The study is collecting the latest data and undertaking analysis on the status of the Solar Energy adoption globally and a projection till 2030. Taken together, these indicators allow us to track global progress of the solar energy transition and provide an assessment of where we are now, and the trajectories we are on to achieve the Paris Agreement Goals.

An annual Global Stock take on Solar energy can help to determine benchmarks for enhanced ambition on solar energy by the countries. Global Stock take of solar energy transition will assess what effect accelerated solar energy deployment will have on reducing global temperature; determine what additional measures are necessary on solar energy transition and transform opportunity into action contributing to Paris Agreement’s long-term temperature goal.

Session Objectives

Institutionalizing an annual stock take process to make solar energy transition a key element to achieve enhanced NDCs in ISA member countries

Agenda	
10:30 - 10:35 AM	<p>Welcome Address and Setting the Context</p> <p>Joshua Wycliffe, Chief Operating Officer, International Solar Alliance (ISA)</p>
10:35 - 10:45 AM	<p>Presentation- Global Solar Stock Take Report by ISA and KPMG</p> <p>Rushikesh Muthyal, KPMG Saba Kalam, Programme Specialist, ISA</p>
10:45 - 10:55 AM	<p>Presentation on ICED- Climate and energy related modelling assessment</p> <p>Srinivas Krishnaswamy, CEO, Vasudha Foundation, India</p>
10:55 - 11:50 AM	<p>Panel Discussion</p> <p>What it takes to institutionalise the process of an annual detail solar energy stock take</p> <p>Moderator</p> <ul style="list-style-type: none"> ▪ Saba Kalam, Programme Specialist, ISA <p>Panellists</p> <ul style="list-style-type: none"> ▪ Dr Lidice Vaillant Roca, Head of Solar PV Research, University of Havana, Cuba ▪ Abdifatah Abshir Ibrahim, Head of Solar Technologies, Ministry of Energy and Water Resources, Government of Somalia ▪ Ashish Chaturvedi, Head - Action for Climate and Environment, UNDP India ▪ Davinah Milenge Uwella, Principal Programme Coordinator, AfDB and Africa NDC Hub ▪ Lutz Schäfer, Deputy Head of Division, Energy, Urban Development, Mobility and Infrastructure at the German Federal Ministry for Economic Cooperation and Development (BMZ) ▪ Karma Tshewang, Ministry of Energy and Natural Resources, Government of Bhutan
11:50 - 12:00 PM	<p>Launch of the report</p> <p>Tripling Global Renewable Energy Capacity by 2030- Solar leading the way</p> <p>Audience Interaction</p> <p>International Solar Alliance (ISA)</p>

