

Newsletter

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Governance Meetings 2022

The governance bodies of the ISA offer an integrated approach to decision-making within the Alliance and work towards making the programmes and initiatives of the ISA holistic and considered in their approach and implementation. Each body within the governance structure of the ISA informs the deliberations of the next body. Region-wise inputs from the Members of the ISA across its four regions of Africa, Asia-Pacific, Latin America-Caribbean, and Europe-Others are aggregated at the Regional Committees. The recommendations made by the Regional Committee are deliberated upon by the Standing Committee, consisting of the Hon'ble President, Co-President and 8 Regional Vice-Presidents. The deliberations of the Standing Committee are then put to the Assembly, the apex decision making body of the ISA, for its consideration and approval.

The Regional Committee, Standing Committee and

Assembly of the ISA are all convened at the ministerial level. Delegations consist of the Hon'ble Minister, National Focal Point, and Contact Point. Such high-level participation ensures that the Governance Meetings facilitate in-depth analysis of the ISA's strategic initiatives, programs, and activities. The meetings extend to the ISA Secretariat the opportunity to enhance cooperation with ISA Member Countries, as well as provide Member Countries with the ability to improve collaboration among themselves and mutually identify avenues of cooperation and partnership.

The **Sixth Meeting of the Standing Committee of the ISA Assembly** was held in hybrid mode on 21 July 2022 at New Delhi, India. The Meeting was co-chaired by India as the President of the ISA Assembly and France as its Co-President. The direction provided will prove to be pivotal in scaling solarisation in ISA Member Countries.



"ISA is guided by the leadership of the Standing Committee & ISA Assembly in its work toward making solar a preferred energy source. The direction provided has been pivotal in increasing solarisation globally. Initiatives like the Strategic Five Year Plan, Private Sector Strategy and Blended Finance Risk Mitigation Facility will help ensure that solar becomes a preferred choice amongst all countries in the coming years."

— Dr Ajay Mathur, Director General, ISA





The Third Meeting of the Regional Committee of Europe and Others region was conducted virtually, on 12 July 2022 with representatives from ISA Member, Signatory and Prospective Member Countries joining in from the country seat and the Contact Points (CPs) joining in from the missions in India. Representatives from Austria, Belgium, Cyprus, Denmark, European Union, France, Germany, Israel, Italy, Luxembourg, Netherlands, Norway, Romania, Russia, Sweden, Switzerland, United Kingdom, and the United States participated in the proceedings of the Meeting.

The agenda included a detailed presentation on the progress and achievements followed by a discussion on ISA's Five-Year Strategic Plan, Private Sector Engagement Strategy, capacity-building STAR C initiative, & roadmap for mobilising USD 1 trillion in solar investments by 2030, in addition to discussions on the 'Green Grids Initiative – One Sun, One World, One Grid' (GGI-OSOWOG) Initiative and implementation of the ISA's Green Hydrogen Programme. The Netherlands, as Chair of the third meeting of the Committee, opened the session, followed by an opening address by the Vice-President – United Kingdom.

Opening Address to the Third Meeting of the Regional Committee of Europe and Others region by Rt Hon Alok Sharma, COP 26 President



Ladies and gentlemen, thank you for the invitation to address today's regional Committee meeting of the International Solar Alliance. And whilst I'm sorry I'm not able to attend in person, I am looking forward to engaging directly with the ISA on my forthcoming visit to India. That visit will come almost exactly 8 months after COP 26.

Back in Glasgow under the UK stewardship almost 200 countries agreed to the historic Glasgow Climate Pact and that pact forged a path to a clean global future. A future based on transformational change in

critical sectors on harnessing new technologies and a shift to renewable energy.

Of course, the world has changed since last November. We meet today against the backdrop of multiple global crises, much precipitated by the Putin regime's brutal illegal and unprovoked invasion of Ukraine.

But even as, leaders around the world face these challenges. The evidence is unequivocal that the chronic threat of climate change is getting worse. We see clearly the climate and environmental security are now synonymous with energy and national security.

And we see that our collective long term energy futures do not lie in fossil fuels, and that is why the United Kingdom is so focused on driving forward transition to a clean energy future and to net zero.

At COP26, for example, we joined India in announcing the Green Grids initiative to utilize renewable energy sources available in different geographies at different times of day and we'll be announcing the priority projects for this initiative at the Clean Energy Ministerial in September.

We're also working with G7 Partners to deliver just energy transition partnerships, starting with the one we agreed at COP 26 with South Africa to dry, clean and sustainable energy transitions around the world. Discussions are also underway with the Government of India of Indonesia, Vietnam and Senegal.

At home, the United Kingdom recent energy security Strategy sets out our plans to turbocharge the deployment of renewables, and we are backing solar, which we know will be critical to these efforts.

In fact, solar and wind are now cheaper than coal in most countries, and that is why we are aiming for a 5 fold increase in the UK solar capacity which is currently around 14 gigawatts by 2035

And as COP 26 President, I'm working with partners around the world to drive ambition on all renewables, including solar deployment. And in doing so, my message is simple, the potential is enormous.

On my recent visit to Turkey and in addition to meetings with the First Lady and government Ministers, I visited the Kalyon solar project. The project has been backed by £217 million of UK export finance support, the largest ever UK guarantee for a solar facility and it will be the largest solo project in Tokyo and one of the largest in the world.

Once completed this December, it will generate enough power for around 2,000,000 households, and crucially, it will help to remove one point 5,000,000 tons of carbon emissions annually. The plot itself is impressive. Solar panels slowly rotating to track the

Sun, generating power from 5:00 AM in the morning to 10:00 PM at night and working all year round. And as those running the site told me, this technology can deliver the advantage of clean power around the world.

In short, the benefits of clean technologies and of the move to a clean energy future could not be clearer, and please therefore that the UK is at the forefront of these efforts from the type of support we provided at Kalyon to our recent announcement of new funding for the ISA and that new funding recognizes the critical role the ISA has to play. Your action orientated collaborative platform spans well over 100 countries, each focused on the deployment of solar technology.

You're tapping into the vast network of private sector players that exist in the sector, and I know that you're working hard to operationalize plans for over a trillion dollars of solar investments. By 2030, whilst exploring green hydrogen as a critical new technology as well. This work is helping us to enhance energy access, ensure energy security and drive the energy transition.

And critically, it is helping us to turn commitments made in the Glasgow climate, packed into action, and it's vital that we continue to do that because whilst the commitments made at COP 26 allowed us to say with credibility that we had kept alive the possibility of limiting global warming to 1.5 degrees above pre industrial levels, the evidence is clear that the pulse of 1.5 remains weak and the only way to strengthen it is to redouble our efforts and to deliver on the commitments that we have all made. Thank you.

ISA also had the privilege to host Rt Hon Alok Sharma, COP 26 President at the ISA Headquarters on 22 July 2022. Discussions with the ISA team focussed on the success and progress of ISA's initiatives including progress on Green Grids Initiative — One Sun One World One Grid (GGI-OSOWOG) which was collectively

joined by UK and India at COP26. The President took a tour of National Institute of Solar Energy (NISE) campus, which showcases India's progress on solar deployment. Further strengthening and enhancing support to the ISA Secretariat was underlined as a crucial goal.



Rt Hon Alok Sharma, COP 26 President's visit to ISA Headquarters

ISA's Collaborative Capacity Building Initiatives: A Spotlight

To support large-scale solarisation efforts at the required speed and scale in developing economies, ISA has identified capacity building and institutional strengthening of Least Developed Countries (LDCs) & Small Island Developing States (SIDS) countries as a key priority area under its Five-year Strategic Plan.

The presence of local technical knowledge, awareness among decision-makers, standardised products & services, and capable enterprises in Member Countries will help de-risk investments making countries investment-ready and safe.

ISA is pursuing several initiatives and strengthening existing partnerships to realise this goal.

Prominent among these endeavours are the collaborative efforts with the Ministry of Europe and Foreign Affairs, the Government of France, and the European Union to promote an enabling environment in Member Countries for accelerated uptake of solar energy. Two new projects initiated recently intend to build the capacity of ISA and Member Countries through Solar Technology Application Resource Centres (STAR-C) and deepen the cooperation between the European Union solar energy-related businesses, academic networks, and financial institutions.

ISA and the Ministry of Europe and Foreign Affairs, the Government of France have signed a trust agreement to implement a project providing 'Structuring of an International Network of Solar Technology and Application Resource Centres (STAR-C)' in Pacific, East Africa and West Africa regions. The STAR Centres will act as an interface between countries sharing solar energy development experiences, undertaking joint research, promoting development & demonstration, capacity building, and creating regional & global networks.

United Nations Industrial Development Organization (UNIDO), the implementing partner for this project, has helped design the project and will work at the regional

level in the Pacific, East and West Africa through UNIDO-created GEN-Sec centre PCREEE, ECREEE, and EACREE (Pacific, East and West Africa). This project will focus on strengthening quality infrastructure and standards for PV and solar thermal products and services, improving local capacities to provide certified solar curricula and training, and strengthening solar networks and knowledge management. Over thirty months with a total Euro 1 million budget, UNIDO will undertake activities worth Euro 600,000 and ISA Euro 400,000. The project is targeted toward strengthening quality infrastructure and standards for PV and solar thermal products and services, improving local capacities to provide certified solar curricula and training, and strengthening solar networks and knowledge management.

European Union will support strengthening ISA's role as a solar energy platform. The project, worth 1 million Euros, aims to enhance further the engagement of the EU, the EU Member States, and EU academic, business, and financial communities with ISA. The project will help develop synergies between the EU and ISA projects and programmes, enhance knowledge transfer, support research and innovation, and strengthen capacity-building initiatives. The project will further facilitate sharing knowledge on solar energy technologies, models, policies and practices and financing. The project will engage stakeholders from the financial and technology sectors in the EU Member States and ISA Member Countries. The project will build on an earlier EU-funded project, 'Infopedia', which focused on setting up an online knowledge-sharing platform to promote access to solar power among ISA Member Countries from April 2018 to April 2020. Thus, resulting in increased solar literacy as well as knowledge at multiple levels across stakeholder groups.

The above projects were launched under the French presidency of the Council of the European Union 2022.

Author: Dr Phillippe Malbranche, ADG, ISA & Mr Saba Kalam, Programme Specialist, STAR C, ISA



The Role and Potential of Solar Energy in Asia And The Pacific



Asia Pacific is home to the world's most populous and dynamic economies. It represents a dichotomy of clean energy access and adaptation, with different scales of readiness throughout the region. It is imperative we recognise that Asia Pacific is at the centre of the world's transition to clean energy. Asia Pacific is 22 per cent of the world's land mass and represents more than 60 per cent of the total global energy consumption. The Asian Development Bank notes this results in almost 60 per cent of the global carbon emissions and therefore what happens in the Asia Pacific energy transition will affect the rest of the world.

Across the world, increasing economies of scale, more competitive supply chains and further technological improvements have reduced the cost of solar by over 80 per cent since 2010. Global installed capacity has expanded in response to the cost reduction and increased political willingness to transition to clean energy has made solar photovoltaic (PV) one of the fastest growing energy sources worldwide.

In Asia Pacific we see the growing political will to transition away from dependence on heavy fossil fuels to clean and renewable energy. The challenge though is immense. The investment needed to transition is tremendous, but not outside our reach. According to McKinsey, the Asia Pacific has attracted almost US\$368 billion to support net-zero targets. Making it clear the region is at precipitous for a trajectory to clean energy adaptation. Regardless we must be steadfast in our convictions and lead to a sustainable and equitable transition. Adoption of solar energy in Asia Pacific continues to dominate the clean energy transition. With solar power being one of the most affordable and

economical solutions for adding energy generation that caters to both on-grid and off-grid demand. In terms of cumulative solar PV capacity additions, the Asia Pacific retains in place as a world leader. By 2021, Asia accounted for 57 per cent of global installations. China has maintained its dominance not just in the Asia Pacific solar PV market, but also on a worldwide scale, and this trend is anticipated to continue until 2030.

The Asia Pacific solar PV capacity is predicted to triple to 1,500 gigawatts (GW) by 2030 (Wood McKenzie). This rapid growth is evident in developed and emerging economies in the region. Indonesia will become the region's fastest-growing solar PV industry during the next decade as it shifts from dependence on fossil fuels to renewable energy. By 2030, the nation's solar PV capacity could increase more than 28-fold from its current low level of 0.3 GW to reach 8.5 GW. Indonesia isn't alone, throughout the region there is a significant increase in solar PV capacity as we see strong political will for a clean energy transition.

In Australia, the Australian National Science Agency reports there have been over 2.68 million rooftop solar power systems installed - that is, one in four homes have solar on their roof. Renewables provide more than a quarter of the power in Australia's largest grid, five times more power than that of gas. While Australia has a natural advantage, as it receives the highest solar radiation per square meter of any continent, it is because of the government's resolve that it leads the world in PV capacity on a per capita basis, at 591 watts per person, which is almost eight times the worldwide average.



In the Pacific, Fiji imports approximately 505 million litres of fuel per year, this equates to around US\$580 million on average per annum (Fiji Bureau of Statistics). This dependence on imported energy has disruptions to domestic energy security. The Fiji Government has committed to promoting the use of renewable energy and energy efficiency- in particular the use of solar PV throughout the country. Political will has seen the Government of Fiji undertake a program to install solar home systems in the rural areas. Already some 1,415 Solar Home Systems have been installed in the provinces of Bua, Macuata, Cakaudrove in Vanua Levu and Navosa in Viti Levu under the program.

The Asia Pacific continues to be at the forefront of the world's transition to clean energy and the International Solar Alliance (ISA) is committed to supporting the transition. The ISA is working towards making solar power a political priority for nations and leaders across the Asia Pacific. To do this the ISA will equip key stakeholders and policymakers with a core understanding of a global perspective of the international solar manufacturing supply chains. This analytical project will identify opportunities for supply chain improvements by catalysing on scalability, avoiding bottlenecks and associated risks that could hamper the mobilisation of investment and adoption

of solar. The ISA will identify international policy points of concern and identify opportunities for leverage to support strong and resilient supply chains.

The ISA is also scaling up its efforts in the Pacific, with a Power the Pacific Strategic Plan, that will encapsulate a portfolio of programmes across our member countries in the Pacific. This includes the ISA CARES program for the Solarisation of Health Care Facilities. This program uses solar energy as an enabler of healthcare delivery in areas that have no or inadequate access to grid power. It can compensate for lack of regular power supply and enable the uninterrupted provision of healthcare services. The ISA continues its efforts to implement its existing pipeline for solar projects throughout the Asia Pacific, to share knowledge, and build capacity across the solar value chain. These efforts will act as a trigger for technology advancement and policy change and will help in the creation of financial and human capacity.

Solar is a shared solution that simultaneously addresses climate, energy, and economic priorities across all geographies. In Asia Pacific, solar PV will be the conduit to a clean energy transition and the ISA will continue to drive this transition. The Asia Pacific shows great potential and leadership as it stands at the centre of the global clean energy transition.

Author: Ms Joanna Kay, Senior Advisor (Strategy), ISA

Events

2nd Investors Meeting | 29 June

ISA organised a roundtable discussion in London on the sidelines of the London Climate Action Week (LCAW) with World Resources Institute, CONCITO, Climate Policy Initiative, World Climate Foundation, and American Bank on the investment roadmap to mobilise USD 1 trillion. The experts discussed ideas to bridge the investment gaps in solar caused by a disconnect between investors, policymakers, and projects. The meeting highlighted the need for dialogue, knowledge sharing, and exchange of ideas for effective solar policies and to send the correct signals for investments. The disconnect can also be solved through intermediaries who connect capital providers and solar projects. The intermediary can facilitate a greater flow of capital towards the solar sector by sourcing deals, performing preliminary due diligence, structuring, and monitoring sales, and providing fiduciary management services to institutional investors. As a multilateral organisation with over a hundred member countries, ISA has set up a platform for dialogues between investors and policymakers to enable the exchange of insights, design policy solutions on shared priorities, and connect investors, solar developers, and policymakers. The aim is to build strategic partnerships between investors, policymakers, and corporates to accelerate capital flows, particularly in emerging and developing economies.



The Sydney Energy Forum | 12-13 July

The Forum brought together global political leaders and captains of industry, technology, innovation, investment, and academia for a two-day Summit to develop meaningful solutions to combat the climate crisis. Led by the Australian Government, the Sydney Energy Forum focused on developing at scale the new technologies critical to achieving global net zero goals and overcoming the supply chain challenges standing in the way of achieving renewable energy outcomes across the Indo-Pacific and beyond. Remesh Kumar, Acting Chief, Programme & Project Implementation Cluster and Joanna Kay, Senior Advisor – Strategy, represented the International Solar Alliance.



On the sidelines, a Private Sector Engagement event was co-hosted by ISA, Austrade, and Smart Energy Council on 11th July.

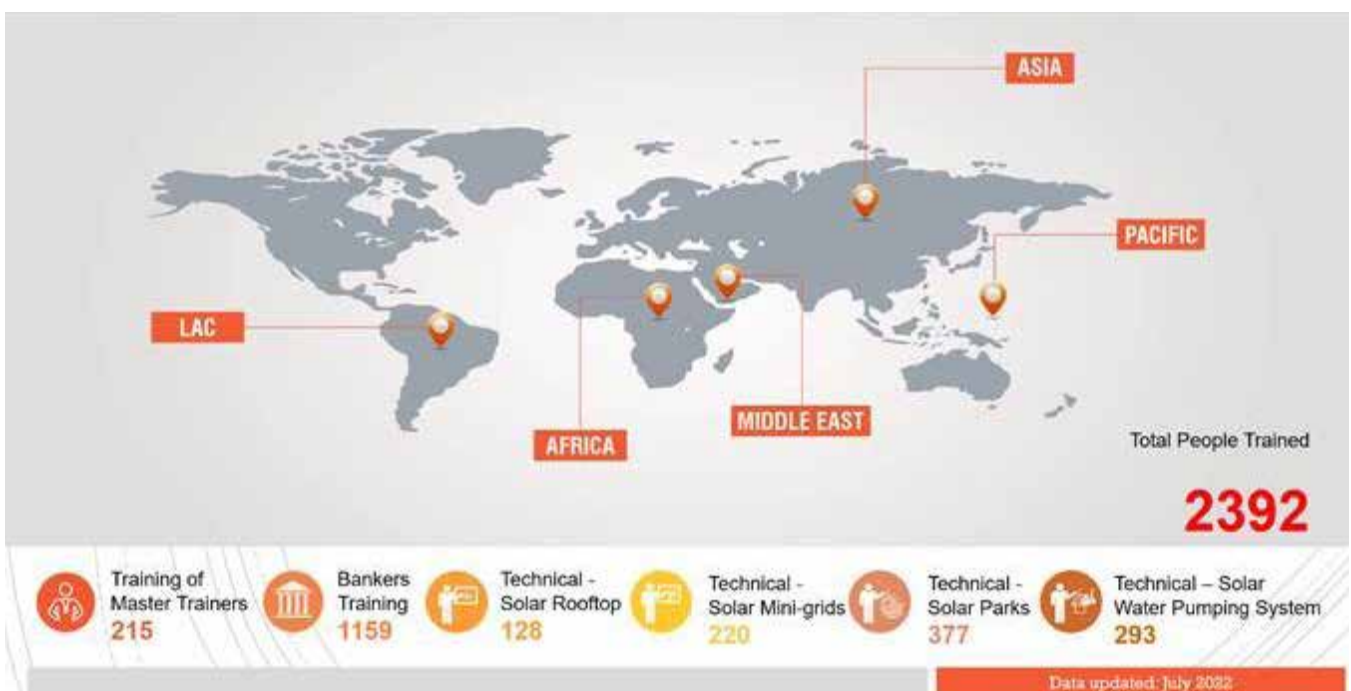
Trainings



ISA hosted the third & fourth batches of Online Training Program for Scaling Solar Application for Agriculture Use. The third training session was attended by participants from 27 Member Countries representing Africa, APAC and LAC Regions. The training program aimed at building capacity for scaling solar in agriculture.

The fourth batch of the online training programme witnessed participation from 13 Member Countries from Africa, Asia Pacific & LAC regions over five days. The training focused on Decentralized Solar applications in rural settings.

A Snapshot of ISA's Capacity Building Initiatives for Various Stakeholders



ISA's Interventions



DG ISA had a discussion with representatives from Multilateral Investment Guarantee Agency (MIGA) on areas of collaboration, emphasizing on innovative instruments that reduce financial & political risk and enhance credit.



DG ISA met representatives from Children's Investment Fund Foundation (CIFF) to strengthen partnership in building capacity, projects, monitoring, evaluation and advocacy for solarisation.



DG ISA met with representatives from WAIPA and Invest India to discuss innovation and investment ecosystem to promote solarisation across the globe.

Social Media Moments

International Solar Alliance @isolaralliance

As a next step on @isolaralliance @AfidaAfrica Cooperation Agreement signed in Feb 2022, the #ISA & #AfidaAfrica are co-hosting a public private roundtable discussion on Developing Large Scale Solar Parks in Sub-Saharan Africa, today, 2 30 pm IST
Register: bit.ly/3NDgeeg



7:58 AM · Jul 5, 2022 · Twitter Web App

2 Retweets 9 Likes

International Solar Alliance @isolaralliance

@ntpclimited invites e-bid on behalf of @isolaralliance from eligible bidders of #ISA member/signatory countries for supply, installation, commissioning of #solarwaterpumping in 🇧🇼 🇪🇹 🇸🇻 🇲🇵 🇨🇺

Specifications, T&C, SOW available at ntpc.procure247.com/home
Closes:1/8 | 3:30 IST



7:47 AM · Jul 6, 2022 · Twitter Web App

1 Retweet 7 Likes

International Solar Alliance @isolaralliance

@ntpclimited invites e-bid for supply, installation & commissioning #solarcoldstorage on behalf of @isolaralliance for 🇧🇼 🇪🇹 🇸🇻 🇲🇵 from eligible bidders of ISA member/signatory countries. Specifications, T&C, SOW available at ntpc.procure247.com/home
Closes:25/7, 2.30pm IST



7:31 AM · Jul 6, 2022 · Twitter Web App

9 Retweets 13 Likes

Solar Compass journal @isasolarcompass

The @isolaralliance spotlights @isasolarcompass, its new Open Access journal, in its latest newsletter. Read about the journal launch, ISA's mission of making solar energy available at an affordable cost to all, and its other programs and events:
isolaralliance.org/uploads/newsle... #solar

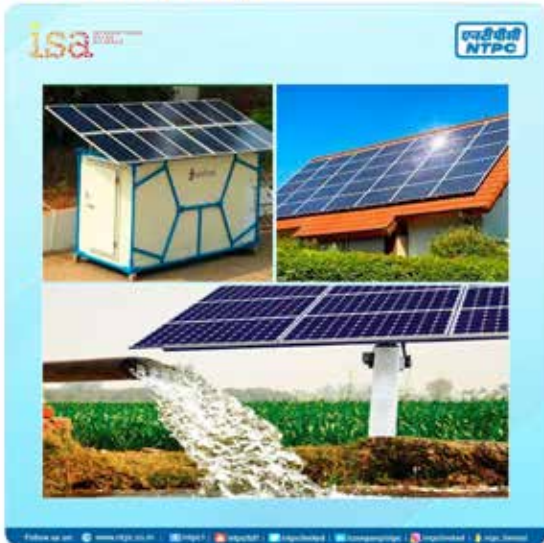


4:11 PM · Jul 7, 2022 · Twitter Web App

5 Retweets 13 Likes

NTPC Limited @ntpclimited

NTPC has issued an Invitation for Bid (IFB) on behalf of @isolaralliance for Supply, Installation & Commissioning of Solar based Cold Storage system, Water Pumping solution & Electrification of buildings in 14 ISA (LDC / SIDS) member countries.
@MinOfPower @power_pib



6:48 AM · Jul 7, 2022 · Twitter Web App

9 Retweets 1 Quote Tweet 32 Likes

International Solar Alliance @isolaralliance

"Guyana to Host Regional Meeting of the International Solar Alliance in August" dpi.gov.gy/guyana-to-host... via @dpiguyana



dpi.gov.gy
"Guyana to Host Regional Meeting of the International Solar Alliance in August"
Guyana is set to host the Fourth Regional Meeting of the Latin American and Caribbean Region of the International Solar Alliance (ISA) from 3-5 August 2022...

3:18 PM · Jul 13, 2022 · Twitter for iPhone

2 Likes

International Solar Alliance @isolaralliance

Tune in for #ISA's 2022 Governance Meetings 🇮🇳🇮🇩🇮🇪🇮🇸🇮🇹🇮🇺🇮🇪🇮🇬🇮🇦 to know about ISA's strategic approach for making #Solar the key driver for global #energytransition
To know more, visit: isolaralliance.org/governance/upc...



6:50 AM · Jul 10, 2022 · Twitter Web App

3 Retweets 22 Likes

International Solar Alliance @isolaralliance

DG ISA addressed the 17th CII EXIM Bank Conclave on 'India-Africa Growth Partnership' today. Speaking in the 'Collaboration for Energy Security & Harnessing Alternative Sources' session, DG highlighted the crucial role that partnerships can play in expediting #EnergyTransition in 🌍



India Exim Bank and Confederation of Indian Industry

4:59 PM · Jul 20, 2022 · Twitter Web App

2 Retweets 10 Likes

Photo Gallery



DG ISA visited the R&D facility of Indian Oil Corp Ltd and witnessed a demonstration of Surya Nutan. This indoor solar cooking system utilises solar energy optimally while minimising radiative and conductive heat losses.



ISA hosted a visit for ISA Fellows' batch (2020 – 2022) at ISA Headquarters under ISA Fellowship Program for mid-career professionals of Member Countries



UPCOMING EVENTS

- Fourth Regional Committee Meeting of the Asia-Pacific region | 17 August (Virtual)
- ISA Solar E-Mobility Webinar Series: Charging for Change | Webinar #2: Vehicle Integrated PV Sector: Technical and Regulatory Aspects | 26 August 2022
- Fourth Regional Committee Meeting for the Africa Region | 29 - 31 August 2022



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