विकसित भारत अभियान
1947 TO 2047

Special Thanks

Government of India / States & The Chamber for Import, Export & Health - Regd. for promotion of commerce, recognized by the Union Ministry of Corporate Affairs & other Government agencies.

आज़ादी का अमृत महोत्सव

INTERNATIONAL SOLAR + ENERGY EXPO & AWARDS

The 9th International Edition of India's Biggest Trade Fair & Conference

- SOLAR • GREEN • POWER • HYDRO
- BIOMASS • THERMAL • HYDROGEN
- E-MOBILITY • WIND • CNG & GASES
- FOSSIL FUELS • RENEWABLES
- SMART ENERGY • CO-GENERATION

Contributing Towards

- 2030 - Just Energy Transition
- 2047 - AatmaNirbhar Bharat AmrutKaal
- 2070 - Net Zero Greenhouse Emissions
- Energy Quad - Security, Availability, Affordability & Sustainability

CO-LOCATED PAVILIONS

- POWER & ELECTRICAL
- BATTERY & STORAGE
- EV & ENVIRONMENT
- LED & LIGHTING

NESCO, MUMBAI

11th 12th 13th AUGUST 2025

BEC, Nesco, Goregaon East

Maha World Expo, Summit & Awards 2025

- Govt. Schemes
- New Technologies
- Discounts, Offers & Deals
- Hundreds of Latest Products

Coming Soon

Solar Plus Energy World Expo | Summit | Awards 2025

The Chamber for Import, Export & Health along with The Trinity Group is proud to present the 9th edition of India's mega business event for the renewable energy (RE) and environment sectors of the economy - SOLAR PLUS ENERGY World Expo | Summit | Awards 2025 To be held at a world class venue, Bombay Exhibition Center, Nesco Complex, Mumbai in the country's commercial and financial capital and Panaji, Goa.

Welcome to the 9th edition of SOLAR PLUS ENERGY WORLD EXPO | SUMMIT | AWARDS 2025 - a mega event that is growing up to be India's Showcase for all facets of the Renewable Energy (RE) industry and related segments. Thus it brings together all stakeholders of the Solar, Wind, Biofuel, Hydrogen, Battery, Thermal, Electrical, Industrial, Lighting, Electronic, Smart, Mobility, Atomic, Hydro, LED, HRD, EV, etc. segments of the entire RE ecosystem.

SOLAR PLUS ENERGY WORLD EXPO | SUMMIT | AWARDS 2025 is a gateway to trade, products, equipment, solutions, services, incentives, technologies, innovations and official government interactions in the world's RE superpower - India. This showcase covers a wide spectrum from sourcing to production, distribution, utilization, skilling & maintainence of the entire RE value chain.

Why Exhibit or Visit?

Here is your opportunity to interact with all stakeholders of the RE and related sectors of the ecosystem such as LED, Power, Storage, Electricals, etc. Under one roof you would find buyers, sellers, traders, officials, distributors, professionals, decision-makers, government agencies, co-located events... The event is ideal for trade, tie-ups, sourcing, branding, innovations, partnerships, expert advise, allied markets, product launches, business development, generating leads, meeting end-users, moving into new avenues, discovering technologies, making foreign connections....

Panchamrit - Hon Pm Leading The Energy World From The Front

Sustainable Energy is Hon. PM Shri Narendra Modi ji's top priority as can be seen from the leaps this and related sectors have grown since his NDA Government took charge. He announced PANCHAMRIT at COP26 India would achieve 500 GW of installed electricity capacity from non-fossil fuel sources by 2030. This capacity addition is over and above the RE capacities that would come up under schemes like Rooftop solar and PM-KUSUM of the MNRE Ministry, which is moving full throttle to fulfill the Hon. PM's dream. His PANCHAMRIT is a 5 Point towards climate change and sustainable growth on a global scale commits:

1. India will take its non-fossil energy capacity to 500 GW by 2030
2. India will meet 50% of its energy requirements from RE by 2030
3. India will reduce the carbon intensity by less than 45%
4. India will achieve target of net-zero greenhouse emissions by 2070
5. India will reduce carbon emissions by 1 billion tonnes by 2030

Hon. Shri Narendra Modi ji's International Solar Alliance initiated with his French counter-part, is now accepted by 116 countries worldwide and aims to mobilize US $1 trillion of investment for solar energy by 2030.

World's Top Energy Transition & Fastest RE Capacity Addition

India is the 3rd largest consumer of energy and hence - the world's maximum potentially growing energy markets. Again as the fastest growing world economic superpower moving towards a US$ 5 Trillion economy the country faces the challenge of booming energy demand with decarbonisation. Here therefore are opportunities in the sunrise industry of renewables. To illustrate with an example - US$ 25 billion is to be invested in renewables in 2023 alone and US$ 2.3 billion to be invested by 2030 to support production, use, and exports of green hydrogen.

India added 15 GW of renewable energy in 2022-23 alone, which would be increased to 25 GW in 2023-24 and further to 40 GW in 2024-25. Over 50 GW of RE projects would go for bidding annually from this year onward. A minimum US$ 20 trillion RE investment is required for transmission networks, evacuation infrastructure, energy storage system, etc. to achieve net-zero by 2070. According to FICCI, India's final energy demand is expected to double to about 1200 Mtoe (Millions of tonnes of oil equivalent) by 2070 in a net-zero scenario with aggressive energy efficiency measures. The RE pillars are grid decarbonisation, industrial decarbonisation & transport transition.

INSTITUTES & AGENCIES

NATIONAL INSTITUTE OF SOLAR ENERGY

National Institute of Solar Energy, an autonomous institution of Ministry of New and Renewable (MNRE), is the apex institute for research and development in the field Solar Energy.

NATIONAL INSTITUTE OF WIND ENERGY

National Institute of Wind Energy (NIWE) established in Chennai in 1998 by the Ministry of New and Renewable Energy (MNRE), Government of India is an autonomous research and development institution.

NATIONAL INSTITUTE OF BIO ENERGY

Sardar Swaran Singh National Institute of Renewable Energy (SSS-NIBE), Kapurthala (Punjab) is an autonomous institution of the Ministry of New and Renewable Energy.

INDIAN RENEWABLE ENERGY DEV AGENCY LTD

Indian Renewable Energy Development Agency Limited (IREDA) is a Mini Ratna (Category–I) non-banking financial institution under the administrative control of Ministry of New and Renewable Energy (MNRE). IREDA is engaged in promoting, developing & extending financial assistance for setting up projects.

SOLAR ENERGY CORPORATION OF INDIA

Solar Energy Corporation of India Limited (SECI) is a Schedule-A CPSE under the Ministry of New and Renewable Energy (MNRE) for implementation of schemes and development of Renewable Energy projects (Solar, Wind, Hybrid, Round the Clock RE, H2), etc. in India and abroad.

ASSOC. OF RENEWABLE ENERGY AGENCIES

Ministry of New & Renewable Energy (MNRE) is the nodal agency at the central level for promotion of grid-connected and off-grid renewable energy in the country. Ministry's programmes are implemented in close coordination with State Nodal Agencies (SNAs) for renewable energy (RE).

India stands 4th in Wind Power capacity & 4th in Solar Power capacity as per REN21 Renewables 2022 Global Status Report. India has the world's largest RE expansion plan. Up to 100% FDI is allowed under the automatic route for renewable energy generation and distribution projects subject to provisions of The Electricity Act 2003. India aims to produce five million tonnes of green hydrogen by 2030. This will be supported by 125 GW of renewable energy capacity. India's installed non-fossil fuel capacity has increased 396% in the last 8.5 years and stands at more than 176.49 GW - about 43% of the total capacity. India saw the highest year-on-year growth in renewable energy additions of 9.83% in 2022. The installed solar energy capacity has increased by 30 times in the last 9 years and stands at 70.10 GW as of July 2023. The installed RE capacity has increased by around 128% since 2014.

RE Installed Capacity - up to July 2023

- Wind power: 43.7 GW
- Solar Power: 70.1 GW
- Biomass/Co-generation: 10.2 GW
- Small Hydro Power: 4.94 GW
- Waste To Energy: 0.55 GW
- Large Hydro: 46.85 GW

Union Budget 2023 - Green Growth - one of the 7 National Priorities - SAPTARISHI

- US$ 36 Million additional in Budget for US$ 2.4 Billion National Hydrogen Mission to produce 5 MMT by 2030
- 4 GWh Battery Energy Storage Systems supported through Viability Gap Funding
- Pumped Storage Projects has received a push with a detailed framework to be formulated.
- US$ 1.02/2.5 Billion Central Sector Support for ISTS infrastructure for 13 GW Renewable Energy from Ladakh

Some Floatovoltaics Solar Projects

- NHPC Limited's bidding for a 300 MW floating solar project in Odisha
- SJVN Green Energy's ambitious investment in Assam's floating solar projects
- The successful operation of India's largest floating solar power project in Telangana.
- The upcoming construction of the world's largest floating solar plant in Madhya Pradesh's Khandwa

India's RE Growth Drivers

Government Commitments

It is to reduce India's carbon emission by 1 billion tonnes by 2030, reduce the carbon intensity by less than 45% by the end of the decade, and achieve net-zero carbon emissions by 2070.

Proposed Solar Cities & Parks

A solar city per state & setting up 57 solar parks of 39.28 GW is approved. The government is also giving a push to Floating PV projects.

National Green Hydrogen Mission

The National Green Hydrogen Mission has been set up with a total initial outlay of INR 19,744 Cr, which includes INR 17,490 Cr for the SIGHT programme, INR 1,466 Cr for pilot projects, INR 400 Cr for R&D, and INR 388 Cr towards other Mission components.

Off-shore Wind Energy

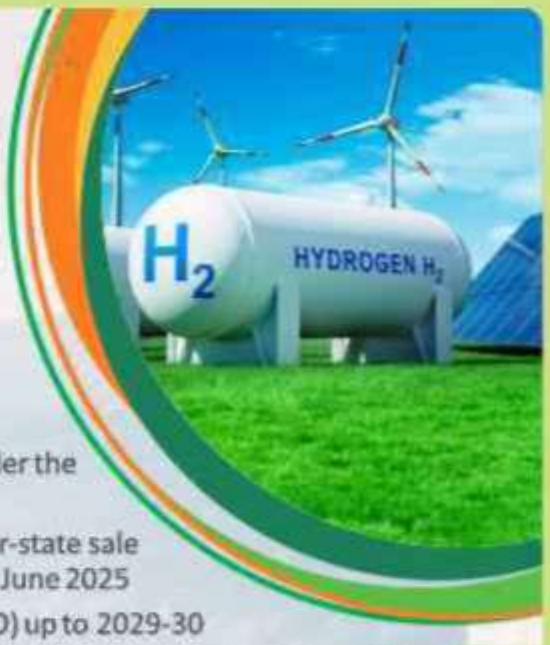
The medium and long-term targets for off-shore wind power capacity additions are 5 GW by 2022 and 30 GW by 2030.

Wind-Solar Hybrid Policy

In 2018, this national policy was announced to promote an extensive grid-connected wind-solar PV hybrid system for efficiently utilizing transmission infrastructure and land. A way to address the intermittency challenge of one renewable power source is to combine solar and wind, achieving better grid stability.

Central Government Institutes & Agencies

- International Solar Alliance
- National Institute of Solar Energy
- National Institute of Wind Energy
- National Institute of Biofuel Energy
- Indian Renewable Energy Development Agency (IREDA)
- Solar Energy Corporation of India (SECI)
- Association of Renewable Energy Agencies of States



LIFE - Lifestyle for Environment - Some RE Initiatives

1. Permitting Foreign Direct Investment (FDI) up to 100 percent under the automatic route
2. Waiver of Inter State Transmission System (ISTS) charges for inter-state sale of solar and wind power for projects to be commissioned by 30th June 2025
3. Declaration of trajectory for Renewable Purchase Obligation (RPO) up to 2029-30
4. Setting up of Ultra Mega Renewable Energy Parks to provide land and transmission to Renewable Energy (RE) developers for installation of RE projects at large scale
5. Schemes such as Pradhan Mantri Kisan Urja Suraksha evam Utthaan Mahabhiyan (PM-KUSUM), Solar Rooftop Phase II, 12000 MW Central Public Sector Undertaking (CPSU) Scheme Phase II, etc.
6. Laying of new transmission lines and creating new sub-station capacity under the Green Energy Corridor Scheme for evacuation of renewable power
7. Notification of standards for deployment of solar photovoltaic system/devices
8. Setting up of Project Development Cell for attracting and facilitating investments
9. Standard Bidding Guidelines for tariff based competitive bidding process for procurement of Power from Grid Connected Solar photovoltaic system and Wind Projects
10. Notification of Promoting Renewable Energy through Green Energy Open Access Rules 2022
11. Notification of Electricity (Late Payment Surcharge and related matters) Rules 2002 (LPS rules)
12. Issued orders that power shall be dispatched against Letter of Credit (LC) or advance payment to ensure timely payment by distribution licensees to RE generators.

Government, Industry & Citizens

- RE is an imperative because it -

- Is a national priority
- Lowers energy costs
- Meets energy demand
- Improves brand image
- Generates Employment
- Is environment friendly
- Catalyses development
- Saves foreign exchange
- Reduces operating costs
- Improved energy security
- Reduces carbon footprint
- Fulfills mandatory standards
- Decreases reliance on the grid
- Is easily available and affordable
- Better utilizes idle natural resources
- Reduces dependence on fossil fuels
- Mitigates pollution & climate change
- Payback often happens in 3 to 4 years
- Gets government incentives/tax benefits
- Boosts indigenous technology & supplies
- Makes for a viable option in remote locations
- Is easier & less expensive to produce & distribute

Solar Thermal | Battery & ESS | LED & Light | Smart Energy | EV & Mobility | Cogeneration

Exhibit & You Can

- Meet with those currently interested in your business
- Network with influential clients & generate leads
- Market your products, services and destinations
- Strengthen relations with existing customers
- Sign long-term deals & explore new markets
- Expand or create a network of partners
- Recruit new agents and distributors
- Launch new products and packages
- Test the market & collect feedback
- Survey trends & make contacts
- Target your right audiences`

Some Highlights

- Key Purchasers
- B2B + B2C Visitors
- International Marketing
- World Industry Leaders
- Foreign & Indian Visitors
- Service Providers & Professionals
- Awards, Competitions & Workshops
- Government Boards, Export Promotion, etc.

Multi-pronged Worldwide Marketing

Social Media & Telecom

Associations & Chambers

Media Briefings

English Newspapers

Special Invitations

Radio FM

Vernacular Dailies

TV & Cable Channels

In Venue Displays

Outdoor Publicity

Online Marketing

Business Visits

Some Preferred Ex Exhibitors

adani Solar · DHEELP · EMMVEE · evolve · EVVO · GAUTAM SOLAR · HIOKI · POWER GENESYS · SELEC · SolSun · TATA POWER SOLAROOF · USHA · V-GUARD · WAAREE

Shell Scheme Booth & Raw Space

- There are 2 types of booths - Shell and Raw Space - with MRP at Rs.17,000 and Rs. 16,500 respectively. Final Rate depends on various factors like location, category, early-bird bookings, etc. Limited Booths Only.
- **Get in touch before July 2024** for discounted MSME or Early-bird rates - 25% to 50% depending on category & government subsidy received.
- Front stalls are premium ones for sponsors and priced higher. GST at 18% applicable on all payments.
- Overseas Exhibitors pay 250 US $ per sq mtr for shell scheme booths.
- Shell includes table, chairs, lights, panels, carpet, fascia, plug-point, dust-bin, etc.
- 15 - 20 % premium on 2 / 3 side open corner booths.

India's RE Landscape

Globally, India has the fourth largest Installed Capacity of RE according to the International Renewable Energy Agency (IRENA). India has a total renewable energy capacity of 168.96 GW with about 82 GW at various stages of implementation and about 41 GW under tendering stage. This includes 64.38 GW Solar Power, 51.79 GW Hydro Power, 42.02 GW Wind Power and 10.77 GW Bio Power. The installed renewable energy capacity increased from 115.94 GW in March 2018 to 172.00 GW in March 2023, i.e., an increase of around 1.48 times. Other highlights include:

- 42.26% is India's share in total installed capacity globally
- Target to reduce the carbon intensity to less than 45% by 2030
- India has a wholly 100% solar-powered railway station in Guwhati, Assam.
- 57 solar parks with an aggregate capacity of 39.28 GW have been approved.
- 2 times increase in Wind capacity from 21 GW to now at 43.70 GW since 2014.
- India has the world's first and only 100% solar-powered airport at Cochin, Kerala.
- RE sources, including large hydro-power, has 176.49 GW combined installed capacity.
- Wind Energy has an off-shore target of 30 GW by 2030, with potential sites identified.
- 30 times increase in Solar Power installed capacity from 2.6 GW to 70.10 GW since 2014.
- India's first and the largest floating solar power plant was constructed in Wayanad, Kerala.
- Plan made to add 50 GW of RE capacity annually for next 5 years to achieve 500 GW by 20 30
- SJVN is to be the fourth RE Implementing Agencies (REIAs) in addition to SECI, NTPC & NHPC
- A target to set up of wind power capacity of at least 10 GW per annum is placed to be achieved.
- India has achieved its target of 40% installed electric capacity from non-fossil fuels in Nov. 2021.
- 365.60 Billion Units (BU) of electricity have been generated during 2022-23 from renewable energy.

SPECIAL THANKS TO VVIPS WHO ATTENDED OUR EVENTS

President of Mauritius & CMD of Impex Chamber

Sri Lankan Minister & Kerala Health Minister

India's Minister Shripad Naik lighting the traditional lamp

India's Minister R Teli & Congo Ambassador

India's Minister PS Patel presented floral tributes

India's Minister Suresh P. & Vijay K. AIAI President

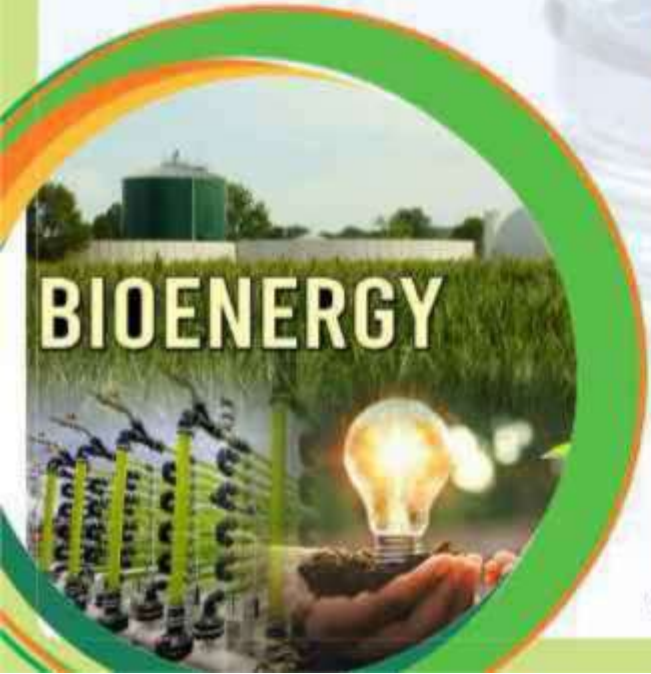
Union Secretary, A Sharan & Dr. Nagendra, PM's Guruji

Governor of Maharashtra & Impex Chamber MD

Shri Murlidhar Mohol, Union Minister & Trinity Chairman

H. E. Governor Rao & CM Fadnavis of Maharashtra

H. E. PSS Pillai, Governor of Goa & MD of Chamber



Trinity - Producers of Trade & Technology Events Over 20 Years

Trinity, incorporated in 1994, has over the last almost 25 years emerged as India's pioneers and premium producers of International B2B, trade, technology business and specialized events.. Trinity has been official event managers for many world shows, including for the Government of Sri Lanka's TRADMED International Expo & Conference, and also produced the Made in India Expo with the Government of Mauritius, inaugurated by H.E. Vyapoori, then Mauritian President - all event organized with VVIP dignitaries and the who's who of the industry in attendance. Trinity contributes in making Hon Narendra Modi ji's dreams a reality by catalyzing the industrial & commercial worlds.

Trinity Ventures has been recognized by the American National Standards Institute (ANSI) for "organizing trade and business exhibitions, event management, media and publications" for its ISO 9001 : 2015 certification. Trinity is also a member of number of trade, professional and industrial associations – European Union Chambers of Commerce, Mahratta Chamber of Commerce, Industries and Agriculture, etc. and works actively with these agencies. Every Trinity world event addresses the needs of both foreign and Indian businesses, opening many avenues to the multi-crore indigenous market and foreign trade.

The Chamber For Import, Export & Health

The Chamber for Import, Export & Health is registered for promotion of commerce and not-for-profit purposes, recognized by the Union Ministry of Corporate Affairs & other relevant Government of India agencies. A large number of Union & State Ministers, Chief Ministers and foreign VIPs have attended events that The Chamber supported over the years. Its Registered Objects are:

1. To represent & promote stakeholders

2. To promote bilateral relations between India and other countries to increase: 2a – Foreign exchange, 2b – Better sourcing, 2c – Indigenous production, 2d – Export promotion, 2e – Import substitution, 2f – Knowledge sharing, 2g – Technology Upgrade, 2h – Cost-effective technologies, 2i – Pollution-free equipment, 2j – Human resource development

3. The Chamber for Import Export & Health is to undertake activities like: 3a – Organizing events, (expos, tours, seminars, workshops, conferences); 3b – Liaising with stakeholders (Govt & authorities/organizations in India & overseas); 3c – Publishing material and creating linkages between related sectors; 3d – Recognizing & honoring individuals & organizations for achievements with awards, certificates, etc.

Trinity - 3 Guinness World Record Holder

Here is an interesting sidelight about The Trinity Group - it is also known in the country and overseas for being holders of 3 Guinness World Records!!! After the first in 2017 (World's Largest Fish Patty – 296.5 kg) and second in 2018 (World's Largest Choco Mud Pie – 1345 kg), a hat-trick was achieved in 2019 with the (World Largest Bread Pudding – 1424 kgs) - all as part of their corporate social responsibility. Hundreds of kilos of food prepared by a huge team of 5 Star Executive Chefs & Hotel Management Students in the 3 GWRs was distributed free to the poor, hungry, orphans and senior citizen homes by Goan NGOs, who assisted.

Mr. Joseph Dias, Chairman of the group speaking to GWR authorities said – " The feeling of great accomplishment is further, heightened since it comes with the GWR credibility and the satisfaction of being able to drive a team towards a goal. The team is grateful that a high level of professionalism, dedication and the spirit of doing public good is globally recognized. The feeling of satisfaction that months of hard work was successfully brought to fruition and the feeling of deep honour to be able to put India and Goa on the world map is exhilarating ".

TRINITY START UP:

Professional Producers

TRINITY EVENT

3 GUINNESS WR HOLDERS

TRINITY

ISO 9001 : 2015 Certified by ANSI ICV

American National Standards Institute International Conformance Veritas

PATRON MEMBER EU INDIA CHAMBERS

IMPORT - EXPORT & HEALTH CHAMBER

www.solarplusexpo.com | +91 9769555657 | trinity.cmd@gmail.com