

# 15<sup>th</sup> WORLD

## RENEWABLE ENERGY TECHNOLOGY CONGRESS

International Conference & Exhibition

1st - 2nd August 2024

NDMC-Convention Centre, Parliament Street,  
New Delhi, India



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सत्यमेव जयते

GOVERNMENT OF INDIA  
Ministry of New and Renewable Energy  
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EVENT PARTNER:



FOCUS ON THE  
FUTURE



Theme:

**Renewable Energy, Energy Efficiency &  
Sustainable Solutions for a Green Economy**

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Parliament Street, New Delhi-India  
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Theme:

**Renewable Energy, Energy Efficiency &  
Sustainable Solutions for a Green Economy**

Dear Colleagues :

With the phenomenal success of 14<sup>th</sup> edition of the World Renewable Energy Technology Congress-2023 where national & international delegates, dignitaries and speakers participated in the congress during 25-26 August 2023 at New Delhi, India. The conference was supported by Ministry of New & Renewable Energy, Government of India, NITI Aayog, IREDA, Skill Council for Green Jobs, National Skill Development Corporation, and many national and international organizations. We are delighted to announce that Energy And Environment Foundation would be organizing 15<sup>th</sup> edition of World Renewable Energy Technology Congress & Exhibition from 1st to 2nd August 2024 at NDMC-Convention Centre, New Delhi, India. The theme of the conference is "Renewable Energy, Energy Efficiency & Sustainable Solutions for a Green Economy".

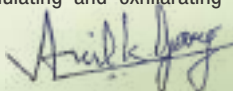
WRETC has become a premier event focusing on Renewable Energy Technology, Power Utilities and Transmission, eMobility, Bioenergy, Biomass, Biofuels, Green Hydrogen and Renewable Materials. 15<sup>th</sup> WRETC & Expo shall provide vital information about the latest concepts, trends and technological developments with special focus on fostering co-operation for generating green business. The exhibition will showcase latest green technologies, equipments, products and services.

100+ CEOs and Senior Executives, 550+ national and international delegates, policymakers, financiers, producers, strategic investors, business development, marketers, exhibitors, students shall attend the international conference and more than 1000 visitors are expected to visit the 15<sup>th</sup> WRETC & Expo-2024. Kindly join us to share/discuss, yesterday's experience, today's status and tomorrow's challenges.

India is known for its warmth of hospitality. We will bring glimpses of India's rich traditions to you. We are making all efforts to offer a meaningful, high quality congress programme to ensure that your stay will be enjoyable, memorable, affordable and rewarding.

We look forward to welcome you and your spouse at New Delhi, India for a stimulating and exhilarating professional experience.

Best regards,



Dr. Anil K Garg  
President,  
WRETC & Expo

### Invitation

#### STEERING COMMITTEE

##### CHAIRMAN

Mr. K. S. Popli

Former CMD, Indian Renewable Energy Development Agency

##### MEMBER

- Mr. Anil Razdan  
Former Secretary Power Government of India & Chairman, Energy And Environment Foundation
- Dr. Ajay Mathur  
Director General of International Solar Alliance
- Mr. Gurdeep Singh, CMD, NTPC Limited
- Mr. Ravinder Singh Dhillon, CMD, Power Finance Corp.
- Dr. Satish B Agnihotri  
Former Secretary MNRE Government of India  
Professor, IIT Bombay
- Mr. Upendra Tripathy  
Former Director General of International Solar Alliance
- Dr. Vibha Dhawan  
Director General, The Energy and Resources Institute
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- Mr. Rajinder Kumar Kaura, CMD, Bergen Group
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- Mr. Lalit Bohra, DG, National Institute of Solar Energy
- Dr. Arun K Tripathi, Former Director General, NISE
- Mr. Yoshiro KAKU, Chief Representative, NEDO
- Dr. SSV Ramakumar, Director (R&D), Indian Oil Corporation
- Dr. A. K. Balyan, Former MD & CEO, Petronet LNG Ltd.
- Dr. Ashvini Kumar, Senior Director, RE Technologies, TERI
- Mr. Kushagra Nandan, Co-Founder & MD, SunSource Energy
- Mr. Shuvendu Bose, Consultant, World Bank & IFC
- Dr. B. Bandyopadhyay, Former Director, MNRE, Govt of India
- Ms. Disha Banerjee  
Director, Policy & Communications, Smart Power India
- Mr. A. K. Dhussa, Former Advisor, MNRE, Govt. of India
- Dr. G. Ganesh Das, Chief-Collaboration, Innovation & R&D, Tata Power-DDL & CEO, CEIC
- Dr. Anil K. Garg, President, WRETC & Expo

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GREEN CONGRESS

1st - 2nd  
August 2024  
New Delhi  
India



# Call for Papers

**15<sup>th</sup> World Renewable Energy Technology Congress-2024** is now accepting abstracts. Submit your abstract of original contribution in 150-200 words by **June 30, 2024** and take advantage of this opportunity to share your insight with the experts and global participants from renewable energy, energy efficiency, power, bioenergy, biofuels, fuel cells, waste management sectors. **PAPERS** are invited online ([www.wretc.in](http://www.wretc.in)) with technical focus on: **resources, technology, innovations, investment, environmental issues, case studies** on following tracks:

- ♦ Photovoltaic
- ♦ Solar Rooftop
- ♦ Solar Thermal Energy
- ♦ Solar Manufacturing: Atmanirbhar Bharat
- ♦ Centralized Solar Thermal Power
- ♦ Decentralized Solar Thermal
- ♦ Solar Heating & Cooling
- ♦ Off Grid Solar and Rural Electrification
- ♦ Wind Energy / Offshore Wind
- ♦ Wind Turbines-Technologies, Manufacturing
- ♦ Offshore Wind Farms, Fourth Generation Wind Mills
- ♦ Hybrid Energy Systems in Telecommunication
- ♦ Biomass, Bio-fuels, Bio-gas
- ♦ Biodiesel from Microalgae
- ♦ Biogas
- ♦ Energy & Resource Recovery
- ♦ Small Hydro-Power
- ♦ Cogeneration
- ♦ eMobility / EV-Chargig Infrastructure
- ♦ Energy Storage, Electric Vehicles
- ♦ Batteries, Invertors and Storage Technologies
- ♦ Green Hydrogen and Fuel Cells
- ♦ Fourth Generation Green Equipments for Renewable Energy
- ♦ Energy Efficiency, Technologies and Energy Management
- ♦ Energy Efficient Equipments
- ♦ Energy Efficient Solar Pumps
- ♦ Electrolyser for Green Hydrogen
- ♦ Enviro-Solutions for Growing Cities
- ♦ Geothermal Energy
- ♦ Smart Transportation / Electric Vehicles - Evs / Hvs
- ♦ Green Power Programs for Cities and Rural Development
- ♦ Green Buildings
- ♦ Green Hydrogen
- ♦ Infrastructure for Green Energy
- ♦ Net Zero Emission
- ♦ Internet of Things - IoT, BigData
- ♦ Women & Renewable Energy Business
- ♦ Policy, Finance and Investments
- ♦ Renewable Energy Projects Financing
- ♦ Capacity Buildings and Skill Development
- ♦ Climate Change Mitigation
- ♦ Innovative Water Solutions
- ♦ Smart Grid / Micro Grid - Digital Transformation
- ♦ Sustainable Smart Cities
- ♦ Power Generation and Utility
- ♦ Power Transmission, Distribution
- ♦ Power Trading
- ♦ Ocean Energy / Tidal Waves
- ♦ R&D and Low Carbon Technologies (LCTs)
- ♦ Waste-to-Energy
- ♦ Waste Recycling



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**BIO ENERGY**



**SMALL HYDRO**



**ENERGY EFFICIENCY**



**eMobility**



**GREEN BUILDINGS**



**GREEN HYDROGEN**



**WASTE TO ENERGY**



**POWER TRANSMISSION**



**GEOTHERMAL**

## Key Speakers at WRETc (Retrospect)

WRETc was addressed by a number of national and international experts from renewable energy sectors, some of the high-profile experts-key speakers include:



**Mr. Piyush Goyal**  
Hon'ble Minister of Railways,  
Commerce & Industry  
Government of India



**Mr. Bhagwanth Khuba**  
Hon'ble Minister of State  
New and Renewable Energy,  
Chemicals and Fertilizers  
Government of India



**H.E. Ms. Patricia A. Lacina**  
Chargé d'Affaires  
Embassy of the USA in India



**Mr. Anil Razdan**  
Former Secretary Power  
Government of India



**Dr. Ajay Mathur**  
Director General  
International Solar Alliance



**Mr. K. S. Popli**  
Former CMD  
IREDA



**Mr. Upendra Tripathy**  
Former Director General  
International Solar Alliance



**Dr. Martin Keller**  
Director, NREL  
U.S. Department of Energy, USA



**Mr. Rajinder Kumar Kaura**  
CMD  
Bergen Group



**Prof. Colin Coulson-Thomas**  
President  
Institute of Management Services  
UK



**Dr. Etsuo Akiba**  
Professor, International Research  
Center for Hydrogen Energy  
Kyushu University, Japan



**Dr. R. Seetharaman**  
Group Chief Executive Officer  
Doha Bank, Doha, State of Qatar



**Mr. Andrew DeLeone**  
Managing Director  
GE Power India



**Padmashri Arun Firodia**  
Chairman  
Kinetic Group



**Dr.-Ing. Matthias Vetter**  
Head of Department  
Electrical Energy Storage  
Fraunhofer-ISE, Germany



**Mr. Shashi Shekhar**  
Director General  
Independent Green Hydrogen  
Producers Association



**Mr. John Grimes**  
Chief Executive Officer  
Smart Energy Council, Australia



**Dr. Santanu Dasgupta**  
Senior Vice President  
Reliance Industries Limited



**Dr. Dolf Gielen**  
Director, Innovation and  
Technology Centre  
IRENA, Germany



**Mr. Markus Wypior**  
Indo-German Energy Programme  
Dy. Cluster Coordinator  
Green Energy Corridors



**Mr. Sumant Sinha**  
Chairman & CEO  
ReNew Power



**Dr. Jennifer Holmgren**  
CEO  
Lanza Tech, USA



**Mr. Ashish Khanna**  
President – Renewables  
Tata Power



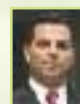
**Ms. Deepali Khanna**  
Managing Director-Asia  
The Rockefeller Foundation  
Thailand



**Mr. N.Y. Dinesh Babu**  
Team Leader  
Ernst & Young Services



**Mr. Andres Franco Jimenez**  
CEO  
ISIGENERE, Spain



**Mr. Kobi Ben-Shabat**  
CEO  
UltraCharge, Haifa, Australia



**Mr. Vineet Mittal**  
Chairman  
AVAADA Group



**Mr. Kushagra Nandan**  
Co-founder & Managing Director  
SunSource Energy



**Mr. Anil Rawal**  
Senior Vice President  
Sterlite Power Limited



**Mr. Tim Karlsson**  
Executive Director  
IPHE, Belgium



**Ms. Barbel Epp**  
Director  
Solrico, Germany



**Mr. Tim Patterson**  
CEO  
Fuel Economy Solution Ltd, UK



**Mr. Frédéric BALLIGAND**  
Director-Renewables  
Business Development  
Axens Solutions



**Glimpses of WRETc Conference & Expo (Retrospect)**





# Nominations are Invited



# Energy And Environment Foundation GLOBAL EXCELLENCE AWARDS 2024 Renewable Energy Sector

## RECIPIENTS OF ENERGY AND ENVIRONMENT FOUNDATION GLOBAL EXCELLENCE AWARDS



**Prof. Ajay Kumar Sood**  
Principal Scientific Adviser  
to the Government of India



**Mr. Dinesh Dayanand Jagdale**  
Joint Secretary  
Ministry of New and Renewable Energy  
Government of India



**Prof. Ahmed Al-Salaymeh**  
Mechanical Engineering Department  
School of Engineering  
The University of Jordan



**Mr. Andrew Almack**  
Founder & Chief Executive Officer  
Plastics For Change



**Mr. Bhopal Singh**  
Director General  
National Water Development Agency



**Ms. Gauri Singh**  
Deputy Director-General  
International Renewable Energy Agency Oil and Natural Corporation Limited



**Mr. Anurag Sharma**  
Director (Onshore)  
Smart Energy Council, Australia



**Mr. John Grimes**  
CEO  
Chief Sustainability Officer, RelNew Power



**Mrs. Vaishali Nigam Sinha**  
Founding Chair  
RelNew Foundation  
Centre for Environment Education



**Mr. Prabhjot Sodhi, MBE**  
Sr. Program Director (Circular Economy)  
Director, MBE



**Mr. Yatin Tayalia**  
Managing Director  
Xytem India



**Ms. Vartika Shukla**  
CMD  
Engineers India Limited



**Mr. Sushil Purohit**  
President  
Wartsila Energy, USA



**Mr. Reji Kumar Pillai**  
President, India Smart Grid Forum  
Chairman, Global Smart Energy Federation



**Mr. Nitin Desai**  
Chairman, Governing Council  
Former Under Secretary General for  
Economic and Social Affairs United Nations



**Dr. Andreas Hauer**  
Head of Division, Energy Storage  
ZfE Bayern, Germany



**Dr.-Ing. Matthias Vetter**  
Head of Department,  
Electrical Energy Storage  
Fraunhofer-ISE, Germany



**Dr. Rahul Walawalkar**  
President & MD, CES Ltd.  
The India Energy Storage Alliance



**Mr. Kushagra Nandan**  
Co-Founder and President  
SunSource Energy



**Padmashri Mr. Arun Firodia**  
Chairman  
Kentic Group



**Prof. Colin Coulson-Thomas**  
President  
Institute of Management Services, UK



**Mr. Tim Karlsson**  
Executive Director  
International Partnership for  
Hydrogen and Fuel Cells  
in the Economy, Belgium



**Dr. Martin Keller**  
Director, NREL  
U.S. Department of Energy, USA



**Dr. Doll Gielen**  
Director, Innovation and Technology Centre  
International Renewable Energy Agency, Germany



**Dr. Lawrence E. Jones**  
Vice President, International Programs  
E.ON Energy Research Center, USA



**Dr. R. Sathesaran**  
Group Chief Executive Officer  
Vidya Bank, India



**Mr. Pranav Mehta**  
Chairman  
National Solar Energy Federation of India



**HE Upendra Tripathy**  
Director General, International Solar Alliance  
Former Secretary, MNRE



**Dr. Ashvini Kumar**  
Senior Fellow & Senior Director  
Renewable Energy Technologies Division  
The Energy and Resources Institute



**Mr. Walter Howard**  
Chief Executive Officer  
Alter NRG Corp, Canada



**Dr. Bibek Bandyopadhyay**  
Former Advisor MNRE  
Senior Advisor, Ernst & Young



**Mr. Gireesh B. Praefhan**  
Former Chairperson  
Central Electricity Regulatory Commission



**Mr. K. S. Popli**  
Former CMD  
IREDA



**Mr. Rajinder Kumar Kaurs**  
CMD, Bajaj Group of Companies, India  
receiving the Global Excellence Awards



**Mr. Ramesh Kymal**  
CMD  
Games India



**Mr. Rana Kapoor**  
Founder, Former Managing Director & CEO  
Yes Bank



**Mr. Vinod Mittal**  
Chairman  
AVANEA Group



**Mr. Rahul Munjal**  
Managing Director  
Hero Future Energy



**Mr. Hitesh Doshi**  
Chairman  
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**Mr. Ashish Khanna**  
Chief Executive Officer  
Tata Power Solar



**Mr. John Hardy**  
Founder  
The Extraordinary Over School, Indonesia



**Mr. Mikko Demingler**  
Swedish Government's  
High Representative for Arctic, Swedish



**Dr. Santha Narain**  
Director General  
Centre for Science and Environment



**Ms. Arundhati Bhatnagar**  
Former Chairman  
State Bank of India



**Mr. Samant Sinha**  
Former Chairman & CEO  
RelNew Power



**Mr. Anders Grundstromer**  
Senior Vice-President  
Scania Group



**Mr. Tarun Kapoor**  
Former Joint Secretary MNRE Govt. of India  
Vice-Chairman, IAEA



**Prof. T. Harinarayana**  
Former Director  
ICIRM, Gujarat



**Mr. Sahas Bhand**  
Chairman  
Organic Recycling System Pvt. Ltd.

## Nominations are Invited for the Energy And Environment Foundation Global Excellence Awards 2024

Our goal has been to honor and recognize those who have made outstanding contribution and demonstrated excellence, creativity, innovation and applied best practices in renewable energy and environment industry. The Award will serve as a recognition and tribute to the winner's professionalism commitment to demonstrate excellence in Renewable Energy Sector.

For details visit [www.wretc.in](http://www.wretc.in)

**SAVE THE DATE!** Global Excellence Awards 2024 in Renewable Energy will be conferred on August 1st, 2024 at the inaugural session of the 15<sup>th</sup> World Renewable Energy Technology Congress, New Delhi, India.

## Energy And Environment Foundation Invite nominations for Global Awards 2024



**Deadline Close on June 30, 2024**

### Nomination Processing Fee

(NON-REFUNDABLE)

**National**

**INR 65000**

**International**

**US\$ 1000**

Plus GST 18%

### Payment Options

CHEQUE / DRAFT / BANK TRANSFER should be made payable to  
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[www.ee-foundation.org/awards.html](http://www.ee-foundation.org/awards.html)



# 15<sup>th</sup> World Renewable Energy Technology Congress & Expo will be even bigger and better!

Register today and join leaders, senior decision makers of the renewable energy industry from across the world.

## Special Session

- Smart Grid: Energy Intelligence, IoT, Digital Technologies
- Electric Vehicles, Energy Storage, Batteries & Invertors
- Sustainable Smart Cities
- Sustainable Aviation Fuel (SAF)
- Green Hydrogen
- Bio Energy – Advanced Biofuels & Biogas
- Innovative - Emerging Technologies
- Renewable Energy: Skill Development and Capacity Building
- Hybrid Renewable Approaches (Solar-Wind and Marine Energy)

## Thought Leadership Summit

Special Interactive Group (SIG) Business Meetings-Round Table  
(By Invitation)

“ Renewable Energy: A Game Changer ”

## Panel Discussion Session

- ✓ Solar Rooftop: Emerging Opportunities
- ✓ Electric Vehicles – Storage – Smart Batteries for Speedy Growth

## BE PART OF A VIBRANT SHOW: Join the Exhibition

The exhibition area presents the perfect opportunity to promote your company, its products, services, technologies, knowledge and achievements. The exhibition area is the place where lunch/refreshment will be served for networking. Focus on **innovative products, equipments, technologies and services** to:

- A potent force for business where buyer, seller and product, physically come together.
- **B2B** interaction between buyers & sellers.
- Understand latest technologies in the sector.
- Locate alternate source for supplies and technology.
- Identify new business partners and competitors.
- Attract more business.
- Facilitate consumer acceptance and brand publicity.
- Build the brand and sellers match making.



## Exhibit Space Charges

| Space Charges               | National        | International    |
|-----------------------------|-----------------|------------------|
| Build-up Stand (Min. 9 sqm) | ₹ 12000 per sqm | US\$ 360 per sqm |
| Raw Space (Min. 36 sqm)     | ₹ 10000 per sqm | US\$ 300 per sqm |
| Electricity Charges         | ₹ 300 per sqm   | US\$ 10 per sqm  |
| Plus GST 18%                |                 |                  |

For detailed exhibition brochure visit [www.wretc.in](http://www.wretc.in)

## SPONSORSHIP: Be a partner for a Green Cause

Sponsorship of the 15<sup>th</sup> WRETC & Expo-2024 will ensure that your company features at the forefront of what is an unrivalled forum for Government, renewable energy, producers, traders, financiers, logistics, equipments and service providers.

Outstanding sponsorship opportunities includes Main Evening Reception, Gala Dinner-Cultural Evening, Branding of the Conference Documentation, Bags or Badges. We can customise a variety of options to suit your budget, objectives and aspirations to promote your company. For Sponsorship brochure visit [www.wretc.in](http://www.wretc.in)

### Benefits include

- ✓ Delegate passes for you and your colleagues
- ✓ Display your company logo on the main conference backdrop
- ✓ Showcase your website through links from the WRETC & Expo website
- ✓ Insert corporate literature into each delegate bag

### Past Sponsors



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To make a payment by **Online** please visit [www.wretc.in](http://www.wretc.in)

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Mayur Vihar-I, Delhi-110091, India

Swift Code : **ICICINBBCTS** PAN Card No. : **AAATE4083H**

Post registration form together with payment to:

**F1-F2 Pankaj Grand Plaza, Mayur Vihar-I, Delhi-91, India**

## Registration Fee

| FOR NATIONAL                                 | Early Bird<br>before 30-06-2024 | Standard<br>from 01-07-2024 |
|--|---------------------------------|-----------------------------|
| <input type="checkbox"/> Delegate            | ₹ 20000                         | ₹ 22000                     |
| <input type="checkbox"/> Author              | ₹ 18000                         | ₹ 20000                     |
| <input type="checkbox"/> Student             | ₹ 6000                          | ₹ 8000                      |
| <input type="checkbox"/> Accompanying Spouse | ₹ 6000                          | ₹ 8000                      |
| FOR INTERNATIONAL                            |                                 |                             |
| <input type="checkbox"/> Delegate            | US\$ 1000                       | US\$ 1200                   |
| <input type="checkbox"/> Author              | US\$ 900                        | US\$ 1000                   |
| <input type="checkbox"/> Student             | US\$ 400                        | US\$ 500                    |
| <input type="checkbox"/> Accompanying Spouse | US\$ 400                        | US\$ 500                    |

Plus GST 18%

**Dr. Anil K Garg, President, 15<sup>th</sup> World Renewable Energy Technology Congress & Expo**  
Cell : +91 9971500028 / 9999071071 / 9910135500 E-mail : [dranilgarg2011@gmail.com](mailto:dranilgarg2011@gmail.com)

**WRETC-2024 Secretariat**

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[www.wretc.in](http://www.wretc.in)

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