




**5<sup>th</sup> CII**  
**INTERNATIONAL**  
**ENERGY**  
**CONFERENCE & EXHIBITION**  
GLOBAL DIALOGUE ON ENERGY TRANSFORMATION

AATMANIRBHAR  
**BHARAT**

# GLOBAL DIALOGUE ON ENERGY TRANSFORMATION

7-8 August 2024

Hotel Taj Palace, New Delhi



For a 1.5°C-compatible pathway to 2050, deployment of investment in energy transition solutions is vital. Increasingly, global collaborations in energy are being modelled around clean energy alternatives and technologies.

India's move towards energy transition is underpinned by its long-term commitment to meet net zero emission goals by 2070. In the short to medium term, the transition is likely to complement efforts accelerating energy access and efficiency in all sectors of the economy while also rebuilding energy security. The interim budget announcement for 2024-25 has rightly prioritized viability gap funding for off-shore wind, phased mandatory blending of CNG, PNG and CBG, rooftop solarization of 10 million households, adoption of e-buses, strengthening EV manufacturing and charging ecosystems, initiatives for biofuels etc.

India's installed renewable power generation capacity is expected to more than triple by 2030. The country is consistently ranked among top three markets globally on the attractiveness of renewable energy investment and deployment opportunities<sup>1</sup>. Major global funds are invested in India's clean energy transition journey over the last decade. India's renewable energy sector has received FDI investment of US\$ 6.1 billion<sup>2</sup> during the last three financial years. India's thriving renewable energy markets, ease of doing business, progressive and industry friendly policy instruments focusing on self-reliant supply chains has catapulted the clean energy transformations to new heights.

<sup>1</sup> Can we avoid gridlock on the road to carbon neutrality? (ey.com)

<sup>2</sup> <https://pib.gov.in/PressReleaseSelfframePage.aspx?PRID=1988293>

## Objectives

The 5th CII International Energy Conference & Exhibition would bring together industry leaders, experts, and policymakers from around the world to showcase renewable energy innovation, products and services, facilitate knowledge sharing and collaboration for catalyzing global efforts in building self-reliant supply chains. The objectives include:

**Advancing global dialogue on energy transformation factoring India's economic growth outlook**

**Demonstrating innovations and applications of clean energy technology**

**Reimagining vertical integration of supply chains including critical minerals and raw materials**

**Identifying pathways for hydrocarbon companies for integrating into energy transformation**

**Showcasing investment opportunities across renewable energy value chains**

**Fostering international cooperation for driving innovation, trade, interoperability and economies of scale**

This is an excellent opportunity for the global business community to explore and participate in India's efforts towards advancing global dialogues on energy transformations.



# Key Highlights for the Conference

## Highlights

Launch of CII-EY report on  
**“Energy Transformation”**

Launch of Second Edition of  
**“Energy Transition Investment Monitor”**

- *The platform tracks over ~900 investment opportunities in the pipeline (concept to commissioning)*
- *RE power generation, storage, ACC battery manufacturing, solar PV manufacturing, biofuels, green hydrogen and electrolyzers*

## Key features

- Showcase investment opportunities across value chains, impact on economic growth, energy security, jobs, emissions etc.
- Outlook for clean energy adoption and supply chains
- Policy drivers and recommendations

- Seamless access to users across the globe
- Updated database with fresh investment announced in 2023-24
- Special access to CII members and other industry representatives to add new projects and update existing project information
- Data validation check by project promoter with a “ ✓ ” mark for building user confidence
- Convenient User Interface
- Compatible to view on mobile phones

## Expected Outcomes

**Building consensus on global challenges and solutions for advancing energy transformation and investment**

**Attract investment towards vertical integration of supply chains**

**Identification of best practices and solutions for renewable energy adoption at scale**

**Heightened international cooperation and collaboration for driving innovation, trade and investment**







## Target Audience

The conference would bring together a diverse range of participants, including:



### Industry Leaders

Industry Leaders: Industry leaders from renewable energy, oil and gas sector, as well as those from related industries, such as storage, finance and technology, would participate in the conference.



### Government Officials

Participants would include government officials from national, state, and local levels, with a focus on those responsible for energy policy and regulation.



### Civil Society Organizations

Representatives from civil society organizations, including environmental groups, energy access organizations, and community-based organizations, would also be invited to participate.



### Academia

Researchers and academics working on clean energy and related fields would also be invited to share their insights and expertise.



# Themes for Structuring Conference Sessions

## Energy Access

- Decentralised RE – C&I (green open access rules implementation at state level)
- Decentralised RE - KUSUM
- Decentralised RE – rooftop PV
- Critical minerals exploration, mining and refining outlook - domestic and international investments, production outlook
- Emerging opportunities for India - Middle East - Europe Economic Corridor
- Financing energy transitions - Green Bonds, InvIT's, Blended Finance etc.
- Grid expansion for RE integration
- Creating gas infrastructure

## Energy Supply

- Energy storage outlook – BESS and pumped hydro
- Flexible operation of coal power generation for RE integration
- Firm and dispatchable RE power generation
- Innovations for managing grid stability in low inertia systems
- Role of AI in forecasting load vs RE power generation
- Reforms in Power market design– MBED, contract for differences, 12-15 year PPAs etc.
- Geopolitics : Impact on supply chain and investment
- Offshore wind outlook
- Green hydrogen and its derivatives – Incentivising for export

## Energy Transition

- Building global carbon market and interoperability
- Role of small modular nuclear reactors to advance energy transition
- Gas as a transition fuel
- Fuel price and cost of transition for manufacturing sector
- Role of Oil & Gas industry in advancing biofuels and green hydrogen transition
- Hydropower: Opportunities in balancing power

## Manufacturing

- Solar PV cells and modules
- ACC battery cells and modules
- Electrolysers
- Balance of system components
- ALMM implementation outlook
- Strengthening export of Made in Bharat products and services through bilateral / multilateral trade dialogues and agreements
- Role of private sector in advancing world class R&D and Innovation for global competitiveness of Made in Bharat products

## Sponsorship Options

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## Exhibitor Participation

Bookings open now

3x3 Sqm | ₹ 18,000/- per sqm (2 side open)

3x2 Sqm | 2x2 Sqm ₹ 15,000/- per sqm (2 side open)

3x2 Sqm | 2x2 Sqm ₹ 10,000/- per sqm (1 side open)

*Rates are for per square meter, taxes extra*

For sponsorship, exhibition booking & registration, contact

**Mr Surender Rai**

E: [surender.rai@cii.in](mailto:surender.rai@cii.in)

M: +91 9350293635

**Mr B S Murty**

E: [b.s.murty@cii.in](mailto:b.s.murty@cii.in)

M: +91 9899110191

# Partners 2024

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**Confederation of Indian Industry**

The Confederation of Indian Industry (CII) works to create and sustain an environment conducive to the development of India, partnering Industry, Government and civil society, through advisory and consultative processes.

For more than 125 years, CII has been engaged in shaping India's development journey and works proactively on transforming Indian Industry's engagement in national development. CII charts change by working closely with Government on policy issues, interfacing with thought leaders, and enhancing efficiency, competitiveness and business opportunities for industry through a range of specialized services and strategic global linkages. It also provides a platform for consensus-building and networking on key issues.

As India strategizes for the next 25 years to India@100, Indian industry must scale the competitiveness ladder to drive growth. It must also internalize the tenets of sustainability and climate action and accelerate its globalisation journey for leadership in a changing world. The role played by Indian industry will be central to the country's progress and success as a nation. CII, with the Theme for 2023-24 as 'Towards a Competitive and Sustainable India@100: Growth, Livelihood, Globalisation, Building Trust' has prioritized 6 action themes that will catalyze the journey of the country towards the vision of India@100.

With 65 offices, including 10 Centres of Excellence, in India, and 8 overseas offices in Australia, Egypt, Germany, Indonesia, Singapore, UAE, UK, and USA, as well as institutional partnerships with 350 counterpart organizations in 133 countries, CII serves as a reference point for Indian industry and the international business community.

### **Confederation of Indian Industry**

The Mantosh Sondhi Centre  
23, Institutional Area, Lodi Road, New Delhi – 110 003 (India)  
T: 91 11 45771000  
E: info@cii.in • W: www.cii.in

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