

# India Energy Transition Summit 2023

*September 25-26, 2023 (Monday-Tuesday)*

*FICCI Federation House, Tansen Marg, New Delhi*

*Day I: September 25, 2023 (Monday)*

<b>10:00 am – 11:00 am</b>	<b>Registration</b>
<b>11:00 am – 12:25 pm</b>	<b>Inaugural Session</b>
11:00 am – 11:05 am	Introduction and Welcome Remarks by <b>Sh. Subhrakant Panda</b> , President FICCI and Managing Director, Indian Metals & Ferro Alloys Ltd
11:05 am – 11:15 am	Industry Address by <ul style="list-style-type: none"> <li>▪ <b>Sh. Shivanand Nimbargi</b>, Chair, FICCI Renewable Energy CEOs Council and Managing Director &amp; CEO Ayana Renewable Power</li> <li>▪ <b>Sh. Vipul Tuli</b>, Chair, FICCI Power Committee and Chairman, South Asia &amp; CEO, Hydrogen Business, Sembcorp Industries</li> </ul>
11:15 am – 11:20 am	User Industry Perspective by <b>Sh. Dilip Oommen</b> , Executive Vice President, Arcelor Mittal and CEO, AM/NS India
11:20 am – 11:30 am	Address by <b>Sh. Pankaj Agrawal</b> , Secretary, Ministry of Power, Government of India
11:30 am – 11:40 am	Address by <b>Sh. Bhupinder Singh Bhalla</b> , Secretary, Ministry of New and Renewable Energy, Government of India
11:40 am – 11:45 am	FICCI – Deloitte <b>Report Launch</b> on India Energy Transition
11:45 am – 12:00 pm	Address by Guest of Honour <b>Sh. Jyotiraditya M. Scindia</b> , Hon'ble Minister of Civil Aviation and Steel, Government of India
12:00 pm – 12:15 pm	Inaugural Address by <b>Sh. R K Singh</b> , Hon'ble Minister for Power and New & Renewable Energy, Government of India
12:15 pm – 12:20 pm	Concluding Address & Vote-of-Thanks by <b>Sh. Shailesh Pathak</b> , Secretary General, FICCI
12:20 pm – 12:25pm	Thank You and Felicitations of the Dignitaries
<b>12:25 pm – 12:45pm</b>	<b>Tea Break</b>

<b>12:45 pm – 1:45 pm</b>	<b>Technical Session I: International Collaboration for Energy Transition in India</b>
	<p>The session will deliberate on forging global partnerships to accelerate the transition pathway towards clean energy. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Need for international collaboration for accelerating technology adoption.</li> <li>▪ Adoption of promising clean technologies for India’s energy transition. <ul style="list-style-type: none"> <li>○ Green Hydrogen</li> <li>○ CCUS</li> <li>○ Long Duration Energy storage - PSP, BESS, etc.</li> <li>○ Offshore wind</li> </ul> </li> <li>▪ Efforts needed to mobilize affordable international finance and investments.</li> <li>▪ Policy support required to scale-up emerging technologies &amp; collaborations.</li> <li>▪ International best practices and their adoption in Indian context</li> <li>▪ Role of India in global energy transition</li> </ul>
<b>1:45 pm – 2:30 pm</b>	<b>Lunch</b>

<b>2:30 pm – 3:45 pm</b>	<b>Technical Session II: Developing a Sustainable Green Hydrogen Ecosystem: Key Enabling Factors</b>
	<p>The session will discuss key enablers for building a robust hydrogen ecosystem in the country. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Cost reduction imperatives for green hydrogen, such as policy enablers, innovative financing, international technologies etc.</li> <li>▪ Ecosystem development such as electrolyzer manufacturing, storage &amp; transportation infrastructure etc.</li> <li>▪ Market development for green hydrogen.</li> <li>▪ Incentivization for domestic production &amp; exports.</li> </ul>
<b>3:45 pm – 4:00 pm</b>	<b>Tea Break</b>

<b>4:00 pm – 5:30 pm</b>	<b>Technical Session III: Building Blocks for Energy Transition in the Nation - Forging the Path towards a Net-Zero Future</b>
	<p>The session will discuss the key building blocks needed for decarbonizing the electricity sector. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Need for integrated resource planning and energy modeling.</li> <li>▪ Meeting the RE demand to achieve the net-zero target: resource availability, domestic manufacturing, innovative financing instruments etc.</li> <li>▪ Transmission infrastructure augmentation.</li> <li>▪ Accelerated decommissioning of fossil-based plants and just transition framework.</li> <li>▪ Concessional financing / blended financing.</li> <li>▪ Reforms, regulations and remodeling energy businesses.</li> <li>▪ Economics of end-to-end sector / resultant cost of power / transparency.</li> <li>▪ Land permits and offshore leases.</li> <li>▪ Scaling up domestic manufacturing.</li> </ul>
<b>5:30 pm – 6:45 pm</b>	<b>Technical Session IV: Opportunities for Investment in RE Rich States of India - Initiatives taken by the State Governments</b>
	<p>The session will discuss the enabling policy framework, state infrastructure, investment potential and support being provided by state governments to support renewable energy development in the states. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Renewable Energy policies &amp; potential in the states.</li> <li>▪ Ease of doing business &amp; cost of operations in states.</li> <li>▪ State infrastructure, land availability and cost of capital.</li> <li>▪ State tenders and bids: tender &amp; award mechanisms.</li> <li>▪ Power infrastructure in the state.</li> <li>▪ Approvals / clearances from concerned ministries and authorities.</li> <li>▪ Case studies in respective states.</li> </ul>
<b>7:00 pm onwards</b>	<b>Cultural Evening and Dinner</b>

**Day II: September 26, 2023 (Tuesday)**

<b>Energy Transition Across Industries</b>	
<b>10:30 am – 11:30 am</b>	<b>Opening Session</b>
10:30 am – 10:35 am	Introduction and Welcome Remarks by FICCI
10:35 am – 10:45 am	RE Industry Address by RE Developers
10:45 am – 10:55 am	User Perspectives by (Industrial Consumer)
10:55 am – 11:10 am	Address by <b>Sh. Faggan Singh Kulaste</b> , Hon'ble Minister of State in the Ministry of Steel and Rural Development, Government of India
11:10 am – 11:25 am	Address by <b>Sh. Bhagwant Khuba</b> , Hon'ble Minister of State for Chemicals & Fertilizers and New & Renewable Energy, Government of India
11:25 am – 11:30 am	Concluding Address & Vote-of-Thanks by FICCI
<b>11:30 am – 11:45 am</b>	<b>Tea Break</b>

<b>11:45 am – 1:15 pm</b>	<b>Technical Session V: Industrial Decarbonization – Opportunities, Challenges and Way Forward</b>
	<p>The session will discuss the roadmap and strategies for 100% decarbonization of energy intensive industries. Sub-themes for discussions include:</p> <ul style="list-style-type: none"> <li>▪ Current challenges for decarbonization by key emitting sectors such as Steel, cement, aluminium, chemical and other manufacturing sectors. <ul style="list-style-type: none"> <li>○ Process challenges</li> <li>○ Commercial challenges</li> <li>○ Financing challenges</li> <li>○ Technology limitation</li> </ul> </li> <li>▪ Alternative procurement routes for industries like open access, green power trading, rooftop solar, renewable energy certificates, green tariff, VPPAs, etc.</li> <li>▪ Decarbonization plans and pathways for different sectors.</li> <li>▪ Policy support required both at central and state levels to accelerate industrial decarbonization.</li> <li>▪ Strategies for Pilot to Scale-up of emerging technologies.</li> </ul>
1:15 pm – 1:30 pm	Address by <b>Sh. B V R Subrahmanyam</b> , CEO, NITI Aayog, Government of India
1:30 pm – 1:40 pm	Sum-up by Knowledge Partner
1:40 pm – 1:45 pm	Vote-of-Thanks by FICCI
<b>1:45 pm onwards</b>	<b>Lunch</b>