



**Knowledge Webinar Series: Transforming to a Net-Zero Emissions Scenarios**  
**Date and Time: 04 August 2021 || 3:30 PM to 5:00 PM**

The Industry Charter for Near Zero Emission Ambition by 2050 has emerged as an important step for the Indian industry to voluntarily commit themselves to decarbonisation measures and to work together in key thematic areas that can make a 'zero carbon' future, a reality for India. The Charter represents the intent of signatories to make their companies exemplars of low or zero carbon technology solutions within their sectors, and gradually bring more heavy industry sectors into the fold of the Charter. To support the principles of the Charter, we are delighted to host a series of Knowledge Webinars that will share latest insights with practitioners and leaders of Indian industry.

The Energy and Resources Institute (TERI) in collaboration with Shell has released a scenario sketch of India to transform to a Net Zero Emissions Energy System by outlining transformations, technological options and policy frameworks required to reach net zero emissions in energy system keeping 2050 as a goalpost. In this study, Net-Zero Emissions scenario (NZE) was developed to examine whether adequate opportunities exist to fully decarbonise the energy sector and highlight the areas where India's energy sector does not have enough choices for full decarbonisation by 2050.

Further, energy efficiency, electrification and a switch towards decarbonised fuels constitute the three main pillars of India's decarbonisation strategy, with the need for a transformative move towards renewable electricity, hydrogen and bioenergy as the key fuels that would likely shift the pathway towards a net-zero emissions future. The study indicates that the industrial and heavy freight transport sectors are likely to face limits in achieving full decarbonisation, primarily due to technological constraints which leave residual emissions in the system. This necessitates the need for carbon sequestration options to achieve net-zero emissions, including both technical and nature-based solutions.

The findings from this study would be presented at the webinar to encourage further deliberations and deep dive into energy sub-sectors that would benefit charting out India's sustainable energy transition. In the knowledge webinar, global perspectives from Energy Transition Commission and We Mean Business Coalition shall be followed by perspectives from Indian CEOs and other industry practitioners.



**Knowledge Webinar Series: Transforming to a Net-Zero Emissions Scenarios**  
**04 August 2021 || 3:30 PM to 5:00 PM**

**Agenda**

Timings	Particulars
3:30 PM to 3:35 PM	<b>Welcome and Overview of Industry Charter</b> by Mr Arupendra Nath Mullick, Vice President, TERI Council for Business Sustainability
3:35 PM to 3:40 PM	<b>Opening Remarks</b> by Dr. Vibha Dhawan, Director General, TERI
3:40 PM to 3:50 PM	<b>Introductory Remarks by:</b> <ul style="list-style-type: none"> <li>• Mr. R. Mukundan, Managing Director, Tata Chemicals Ltd and Co-Chair, TERI CBS Executive Committee</li> <li>• Mr. Mahendra Singhi, MD &amp; CEO, Dalmia Cement (Bharat) Ltd and Co-Chair, TERI CBS Executive Committee</li> <li>• Mr. Nitin Prasad, Chairman, Shell Group of Companies, India</li> </ul>
3:50 PM to 4:05 PM	<b>Setting by Context - Presentation on India: Transforming to a Net-Zero Emissions Scenarios Sketch by:</b> <ul style="list-style-type: none"> <li>• Dr. Ritu Mathur, Director, Integrated Assessments and Modelling Division, TERI</li> <li>• Mr. Subrata Basu, Corporate Relations – Climate and Carbon, Shell in India</li> </ul>
4:05 PM to 4:55 PM	<b>Moderated discussions with signatory CEOs:</b> <ul style="list-style-type: none"> <li>• <b>Chairperson</b> - Mr RR Rashmi, Distinguished Fellow, TERI; former Special Secretary, Ministry of Environment, Forests &amp; Climate Change, Government of India</li> </ul> <b>Policy perspectives by:</b> <ul style="list-style-type: none"> <li>• Ms Rupa Dutta, Senior Economic Adviser, Department for Promotion of Industry and Internal Trade, Government of India</li> <li>• Ms Rajasree Ray, Senior Economic Adviser, Ministry of Environment, Forests &amp; Climate Change, Government of India</li> </ul> <b>Perspectives by:</b> <ul style="list-style-type: none"> <li>• Ms Ita Kettleborough, Deputy Director, Energy Transitions Commission</li> <li>• Ms Sophie Punte, Managing Director – Policy, We Mean Business Coalition</li> <li>• Dr Shirish Sinha, Director, Climate, Children’s Investment Fund Foundation</li> </ul> <b>Perspectives by Indian CEOs:</b> <ul style="list-style-type: none"> <li>• Mr. Gerd Deusser, CEO – Power &amp; Gas, Siemens Ltd</li> <li>• Mr Amit Sharma, Managing Director &amp; CEO, Tata Consulting Engineers Ltd</li> <li>• Mr Ravichandran Purushothaman, India Head, Danfoss Industries Pvt. Ltd</li> <li>• Mr Venu Nuguri, India Managing Director and Region Head, South Asia, Hitachi ABB Power Grids</li> <li>• Mr Pawan Mehndiratta, CEO, L&amp;T Howden - L&amp;T Power</li> <li>• Mr Vikram Gulati, Country Head &amp; Senior Vice-President (External Affairs, Public Relations, Corporate Social Responsibility &amp; Corporate Governance), Toyota India</li> </ul>
4:55 PM to 5:00 PM	<b>Way Forward &amp; Plan of Engagements</b> by Mr Girish Sethi, Senior Director – Energy Program