



WORLD SUSTAINABLE DEVELOPMENT SUMMIT 2022

**TOWARDS A RESILIENT PLANET:
ENSURING A SUSTAINABLE AND EQUITABLE FUTURE**

February 16-18, 2022 (Virtual)



CEO Roundtable: Holistic Sustainability as an Industry Growth Agenda to Shape India's Climate Ambition

THEMATIC TRACK SUMMARY

Venue: Chinnar

Date: February 17, 2022

Time: 10:00 AM – 11:30 AM (IST)



Suggested Citation

World Sustainable Development Summit (2022), CEO Roundtable: Holistic Sustainability as an Industry Growth Agenda to Shape India's Climate Ambition, Thematic Track Summary (Rapporteur: Soham Banerjee), New Delhi: The Energy and Resources Institute.

Actionable Messages

Message 1: Partnerships between industries and other stakeholders are also important for sustainability through knowledge sharing and collaboration. Decarbonization in industry will be achieved through technology collaboration and transfer.

Message 2: At present, India needs to identify strategies to electrify the country in its roadmap for decarbonization.

Message 3: Digitalization is a big step for industrial decarbonization which needs to be adopted in every industry in the years to come.

Message 4: For decarbonizing industries, India's technology needs are related to switching fuel to hydrogen, and carbon-capture-utilization and storage. Optimization and material circularity is also a crucial piece of the puzzle.

Narrative

India is still in its development pathway and hence the announcements at the COP26 in Glasgow are bold and requires a detailed roadmap. Industries are the key piece of puzzle to achieve the net-zero targets. The first step is to change the mindset of the industries that clean and green can be profitable and desirable. Technologies like hydrogen and carbon-capture-utilization-storage need to come up in the future. The challenge at present is that these technologies are at research and development phase and need time to mature and reach commercialization stage. Companies like Dalmia Cement have been successful in changing the narrative that hard to abate sectors can be clean and green through holistic approach. Digitalization and the role of corporate social responsibility (CSR) towards achieving net-zero targets is important. Industrial decarbonization needs mobilization of climate finance. Indirect emissions needs to be taken in account and solved through industry collaboration.

At present, we do not have a single demand side measure like time of the day tariff which poses significant challenge in the context of renewable energy accountability. Technologies such as smart meters need to be incorporated in the country at a mass level to reach India's Nationally Determined Contributions (NDC) targets. It is also important to receive governmental support through incentives at the initial stage which will then be taken forward by the industries through technology enhancement. One of the interesting examples provided by one of the panelists included that due to government support solar tariff reduced from Rs 17 per unit to Rs 2 per unit. It is also important to understand that there are areas where technology is not feasible such as the aviation sector in which hydrogen is still in nascent stage and hence industries need to take charge of leadership in technology development to fulfil the nation's NDC achievements. Large industries need to set an example for the MSMEs to follow a path in the years to come and hence they need to play a dual role of enabler and exemplifier.

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“ India needs to develop a detailed roadmap to electrify at a large scale to think about decarbonization. It is of utmost importance to understand that, not only the hard to abate sectors should be targeted to decarbonize, micro, small and medium enterprises need to be given equal attention as well.

Mr Girish Sethi
Senior Director – Energy, TERI

“ In order to achieve to global sustainability, it is of utmost importance to achieve sustainability in the Asia continent first. The digital transformation will be the key piece of puzzle for global climate action and sustainability.

Mr Paul Marriot
President, SAP Asia Pacific Japan

“ The roadmap to achieve net zero targets will not be easy and it is of certainty that the task will be even more challenging if the industries does not take a prominent leadership. The leadership to mainstream digitalization is something which is lacking at present, which needs to be the mantra for all big industries for effective climate action.

Mr Manjeev Singh Puri
Distinguished Fellow, TERI

“ Industries should follow the mantra in their operations which is, green and clean is profitable and desirable. Industries will suffer significantly as we landed in the era of climate crisis if critical action through industrial decarbonization is not taken.

Mr Mahendra Singhi
Managing Director and CEO, Dalmia Cement (Bharat) Ltd

“ India should focus on reducing the production load factors for renewable energy like solar in order to mainstream renewable into Indian industries. Industries should focus on Scope 3 which means utilization of the energy at the industrial level which will be the roadway for more profit in business.

Mr Nitin Prasad
Chairman, Shell Companies in India

“ Sustainability should be a top priority in the years to come for industries to thrive. CEOs in India are making sustainability a strategic priority.

Ms Sindhu Gangadharan
Managing Director, SAP India Labs

“ India should focus on converting personal transportation to Electric Vehicles (EVs) at an urgent basis. There has been substantive progress in India mainly policy shifts in the area of renewable energy which made its value cheaper than the conventional sources.

Mr Rajiv Ranjan Mishra
Managing Director, Apraava Energy Pvt. Ltd

“ The key to achieve decarbonization and net zero targets is to focus on Industry 4.0. It is crucial to measure ways of decarbonization to keep track of quantifying achievements which will enhance the overall transparency of the change.

Mr S Sunil Kumar
Country President India & Regional Director Packaging IMEA, Henkel Adhesives Technologies India Pvt. Ltd

“ Since Asia's emission percentage are largest in the globe, much take is our hand to holistically decarbonize the industries through collaborating with the government and other industries. There is a need for collaboration of stakeholders to enhance co-innovation for industrial decarbonization in India.

Dr Lovneesh Chanana, Vice President (Government Relations), SAP