

# ace

*Accelerating Clean Energy in India*

21 - 22 NOVEMBER | 10:00 AM - 05:00 PM

Silver Oak, India Habitat Centre

Accelerating Clean Energy, or ACE, is WRI India's flagship annual event where fresh insights into ongoing and emerging research streams on global energy transitions, and their implications on India, are presented and discussed.

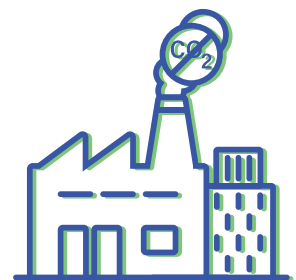
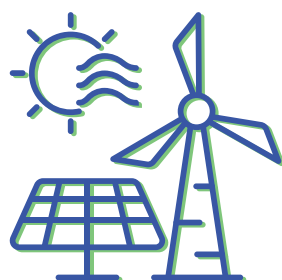
In July 2023, India hosted the 8<sup>th</sup> Mission Innovation (MI-8) jointly with the 14<sup>th</sup> Clean Energy Ministerial (CEM) alongside the G20 Energy Transition Ministerial Meetings (ETMM) in Goa. The focus for this year's Ministerial was advancing clean energy together, to accelerate the deployment of clean energy by encouraging the development of policies and programs, which advance clean energy technology and solutions around the world.

Following these conversations, ACE 2023 will be discussing the following important themes:

1. Leadership in Indian cities on clean energy transition
2. Industrial decarbonization
3. Energy transition in states
4. Critical minerals for India's clean energy transition

In this fourth edition of ACE, we at WRI India's Energy Program, are looking forward to these discussions and much more, to ensure India achieves its ambitious goals of carbon neutrality by 2070 and lives up to its pledges on renewables and Sustainable Development Goals.

#ACE2023



DAY 1: 21 November 2023

10:00 AM – 05:00 PM

**ace**

Accelerating Clean Energy in India

**10:00 AM - 10:30 AM**

**Registration and Tea**

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**10:30 AM - 11:30 AM**

**Inaugural Session**

This session marks the commencement of the event with opening remarks, keynote addresses. This session will set the tone of the event and provide an overview of the event's purpose and key themes.

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**11:30 AM - 01:00 PM**

**Technical Session 1: How Can Cities Lead India's Clean Energy Transition**

If India aims to reach net zero emissions by 2070, cities will need to be at the forefront of the clean energy transition. For this, the growth of renewable energy and energy efficiency in urban areas needs to be ratcheted up to meet rising energy demand. Thus, cities must take the lead in local initiatives to meet national goals. However, cities face multiple barriers to participating in energy transition and empowering cities to overcome barriers to their active involvement is essential. The panel will discuss key themes and recommendations emerging from an upcoming WRI India report.

**Presentation:** "How Can Cities Lead India's Clean Energy Transition?" by Sumedha Malaviya, Senior Manager and Deepak Tewari, Research Fellow, Energy Program, WRI India

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**01:00 PM - 02:00 PM**

**Lunch**

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**02:00 PM - 03:30 PM**

**Technical Session 2: How are States Approaching Clean Energy Transition  
- Lessons and Experiences**

States have unique demand patterns and supply portfolios. With states taking various trajectories to achieve India's 500 GW non-fossil fuel target by 2030, it becomes imperative to understand how states are approaching this clean energy transition. This session aims to bring together key stakeholders from different states to share their insights, experiences and learnings.

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**03:30 PM - 03:45 PM**

**Tea**

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**03:45 PM - 05:00 PM**

**Technical Session 3: Critical Minerals for India's Clean Energy Transition**

As India advances its energy transition efforts and aims to rely on domestic manufacturing for various technologies, the demand for critical minerals is set to rise significantly across multiple sectors. To support this, India must strengthen its mineral supply chains, which are currently at risk due to factors like domestic scarcity, high dependence on external supply chains beyond the country's control and limitations in domestic policy and regulatory capacities. This panel will address the significant challenges facing India's critical mineral supply and explore potential solutions in alignment with the country's energy transition objectives.

**10:00 AM - 11:30 AM**

## **High Level Plenary: Reflections on Sectoral Energy Transition Issues in India**

Achieving a successful clean energy transition hinges on an economy-wide collaboration of diverse stakeholders, spanning industry leaders, policymakers, innovators and the youth. This transition's success relies on fostering cross-sectoral partnerships, skills and resources. Our goal is to establish opportunities to realize our energy agenda and targets. This session aims to explore the industry's landscape, promote the exchange of ideas, experiences, and expertise across the entire value chain, driving responsible and sustainable progress in the energy transition.

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**11:30 AM - 11:45 AM**

**Tea**

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**11:45 AM - 01:00 PM**

## **Technical Session 4: Just and Clean Energy Transition in MSMEs**

The micro, small and medium enterprise (MSME) sector is critical to India's industrial growth as well its Net Zero ambitions. However, MSMEs are challenged by high energy costs and limited access to finance and technology improvements. To enhance their competitiveness and sustainability, MSMEs seek favourable policies, capacity-building programs and financial models. MSMEs are already on the clean energy transition journey, so our emphasis should be on making their transition more cost-effective and expeditious in alignment with India's clean energy objectives, while also providing a safety net for workers in MSMEs. The panel will delve into enabling factors for achieving a just and clean energy transition.

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**01:00 PM**

**Lunch**