

Workshop on the Development of Decarbonisation Strategies in Madhya Pradesh

Date: 25th July 2025

Context

At the 26th Conference of Parties (COP26) in 2021, India committed to achieving net-zero greenhouse gas (GHG) emissions by 2070, signifying a strong stance on climate action. Under its updated Nationally Determined Contributions (NDCs), India aims to:

- Reduce emission intensity by 45% from 2005 levels by 2030
- Achieve 50% of installed power capacity from non-fossil fuel sources by 2030
- Increase carbon sinks by 2.5 to 3 billion tonnes of CO₂e by 2030

Achieving net-zero by 2070 requires rapid transformation across both energy and non-energy systems across India. While national targets, policies, and programmes are essential, they alone may not be sufficient to achieve this goal. The states and Union Territories in India have a critical role to play in this transition journey to achieve the targets as envisaged in the updated NDC.

Each state has a unique socio-economic profile, energy consumption patterns and resources, natural resources and its management amongst others, which means that states need to develop and implement its own strategies and plans to decarbonise their respective economies.

From an energy perspective, states need to go beyond meeting their Renewable Purchase Obligations (RPOs) and take additional measures to promote RE deployment, energy efficiency, etc. Madhya Pradesh is actively advancing its renewable energy sector under the Madhya Pradesh Renewable Energy Policy 2022. The state has set ambitious targets to achieve 20% renewable energy (RE) in its energy mix by FY 2024, 30% by FY 2027, and 50% by FY 2030. Key initiatives include developing 10,000 MW of RE technology-based and hybrid parks under GoI/GoMP schemes by FY 2027, and establishing 4,000 MW of RE projects for exporting power outside the state by 2024, scaling to 10,000 MW by FY 2027.¹ The EV policy 2025² aims to steer decarbonisation of the transport sector across the value chain. Few amongst them include development of model EV cities, local manufacturing of EVs and components, one stop solution for consumers to boost EV adoption.

Though the state has increased its ambition to integrate renewable energy into the overall energy mix, continuous efforts are required to achieve its targets and accelerate this transition to clean energy in line with the national goal of net-zero emissions by 2070. States also need to collaborate and coordinate with each other and with the central government to

¹ Madhya Pradesh Renewable Energy Policy, 2022

<https://mphc.gov.in/digi_data/CBSL/JBP/JBP-PDF/2023/WP/18837/WP_18837_2023_ANNEXURE-P13_2023-07-28_7541158.pdf>

² Madhya Pradesh Electric Vehicle Policy 2025, Urban Development and Housing Department, Government of Madhya Pradesh.

accelerate the transition to a low-carbon economy.

This will require sharing practices, data-driven analysis, and modelling efforts to understand the impacts and challenges of decarbonising each sector and developing feasible and effective strategies. In summary, for India to achieve its target of net-zero emissions by 2070, states must play an active and significant role in the transition journey. They need to develop their own strategies and plans, go beyond current targets, implement innovative policies, and collaborate with each other to accelerate the transition.

About the workshop

In the context set above, **Vasudha Foundation (VF)** in collaboration with **Madhya Pradesh Urja Vikas Nigam Limited (MPUVNL)** and **Urban Development and Housing Department (UDHD), Government of Madhya Pradesh** would like to organise a workshop at the state level with the following objectives:

Stakeholder Collaboration:

The workshop will bring together key stakeholders and experts to explore low-carbon pathways for Madhya Pradesh, aligning with relevant policies, the State Action Plan on Climate Change, and India's Long-Term Low Carbon Development Strategy. It aims to foster collaboration among state agencies, utilities, industries, and academia to address state-specific challenges.

Data Transparency:

Achieving a decarbonised economy requires robust data validation across state departments. The workshop will highlight the importance of data transparency and identify challenges hindering effective planning, aiming to improve collaboration and data availability for decarbonisation.

Decarbonisation Roadmap:

The workshop will focus on identifying challenges and gathering recommendations for accelerating decarbonization efforts. It will discuss tools, methodologies, and improvements to existing planning processes, providing state authorities with insights for creating effective low-carbon roadmaps.

Agenda of the Workshop on “Developing Decarbonisation Strategies in Madhya Pradesh”

Date: 25th July 2025 , Venue: Courtyard by Marriott, Bhopal

Time	Session
10:00 Hrs to 10:20 Hrs	Registration
10:20 Hrs to 10:30 Hrs	Ceremonial Lamp Lighting and Felicitation of Dignitaries
10:30 Hrs to 11:00 Hrs	<p>Inaugural session</p> <ul style="list-style-type: none"> ● Welcome Remarks and Context Setting by Mr. Srinivas Krishnaswamy, CEO, Vasudha Foundation ● Address by Ms. Nidhi Madan, Associate Director (Climate Policy), Shakti Sustainable Energy Foundation ● Address by Shri Amanbir Singh Bains, Managing Director, MPUVNL, Gov. of MP ● Address by Shri Sanket S. Bhondve, IAS, Commissioner, Madhya Pradesh Urban Development and Housing Department, Gov. of MP ● Keynote Address by Dr. Navneet Mohan Kothari, IAS, Director General, EPCO, Gov. of MP
Tea Break 11:00 Hrs to 11:10 Hrs	
11:10 Hrs to 11:30 Hrs	Presentation 1: From Data to Decision making and opportunities for Madhya Pradesh – <i>Team Vasudha</i>
11:30 Hrs to 12:15 Hrs	<p>Panel Discussion on: “Grassroots to Governance: Strengthening Climate Actions” Panel Moderator: Mr Raghav Pachouri, Vasudha Foundation Esteemed Panelists:</p> <ul style="list-style-type: none"> ● Smt. R. Umamaheshwari, Executive Director, EPCO, Gov. of MP. ● Shri Amanbir Singh Bains, Managing Director, MPUVNL, Gov. of MP ● Shri Sanket S. Bhondve, IAS, Commissioner, Madhya Pradesh Urban Development and Housing Department, Gov. of MP ● Ms. Preeti B. Upadhyay, Principal Advisor, CUG, Atal Vihari Vajpayee Institute of Good Governance and Policy Analysis ● Dr. K. Ravichandran, IFS, Director, Indian Institute of Forest Management
12:15 Hrs to 13:00 hrs	<p>Panel Discussion on: “Decarbonising Madhya Pradesh’s Transport Sector” Panel Moderator: Mr. Jaideep Saraswat, Vasudha Foundation Esteemed Panelists:</p> <ul style="list-style-type: none"> ● Shri Parikshit Zhade, Additional Commissioner, Madhya Pradesh Urban Development and Housing Department, Gov. of MP

	<ul style="list-style-type: none"> ● Shri Lokendra Thakkar, Chief Scientific Officer, Environmental Planning and Coordination Organisation ● Shri Vyom Chaturvedi, Founder, Mivasa ● Shri Prateek Agrawal, Director, Arkaya Motors ● Shri Tejas Vaghela, Chief Operating Officer, VerdeMobility ● Shri Harish Dawar, Bhopal MC Member, All India Motor Transport Congress (AIMTC) ● Dr. Pallavee Bhatnagar, Professor & OSAT Coordinator, National Institute of Technical Teachers Training and Research ● Shri Sumit Mittal, Chief Operating Officer & Director of Finance, GreenCell Mobility ● Shri Chintamani Sardesai, Business Head, Nexzu
13:00 Hrs to 13:10 Hrs	Closing Remarks and Way Forward
13:10 Hrs	Lunch