

Dr. Amit Bansiwala, Scientist G and Chair, Environmental Materials and Sustainable Systems Division (EMSSD), CSIR-NEERI, participated as a Speaker and Panelist in the National Consultative Seminar on Carbon Capture, Utilization and Storage (CCUS) in India organised by PHDCCI, New Delhi

During the panel discussion, Dr. Bansiwala shared insights on the current status of CCUS technologies, emerging opportunities, and key challenges affecting large-scale deployment in India. He highlighted the importance of developing cost-effective and scalable capture, utilization, and storage solutions tailored to Indian industrial sectors such as steel, cement, power, and refineries. He also emphasized the critical role of Measurement, Reporting and Verification (MRV) systems in building trust, attracting investments, enabling carbon market participation, and ensuring environmental integrity of CCUS projects. He also discussed the need for India-specific technological interventions, supportive policy frameworks, robust MRV protocols, and collaborative efforts among industry, academia, government, and research institutions to accelerate the adoption of CCUS as a key component of India's Net Zero pathway.

The seminar provided an important platform for deliberations on advancing CCUS technologies and developing a roadmap for large-scale implementation in India.



