



# Carbon Budgeting and Neutrality Way-Forward for Industries “Future-Ready Jharkhand”

01 June, 2022 | BNR Chanakya, Ranchi

## Workshop Agenda

Time	Agenda
09:00 AM- 10: 00 AM	Registration of Delegates
10:00 AM - 10:45 AM	Inaugural Session
	10:00 AM: Lighting of The Lamp
	<b>10:05-10:15 AM: Welcome &amp; Context Setting</b> Sh. Y. K. Das, IFS Member Secretary (MS), Jharkhand State Pollution Control Board (JSPCB) Government of Jharkhand, Ranchi
	<b>10:15-10:25 AM: Need for effective climate actions in Jharkhand</b> Sh. Ramapati Kumar Chief Executive Officer (CEO) Centre for Environment and Energy Development (CEED), Ranchi
	<b>10:25-10:35 AM: Keynote Address</b> Sh. A.K. Rastogi, IFS Chairman, Jharkhand State Pollution Control Board (JSPCB) Principal Chief Conservator of Forests (PCCF) Government of Jharkhand, Ranchi
	<b>10:35-10:45 AM : Concluding Address by</b> Sh. L. Kiangte, IAS Additional Chief Secretary, Department of Forest, Environment and Climate Change (DoFE&CC) Government of Jharkhand, Ranchi
10:45 AM - 11:00 AM	Tea Break

<p><b>11: 00 AM-11:45 AM</b></p> <p>Moderated Session: Q/A along with concluding remarks from chair of the session</p>	<p><b>Session 1: Carbon budgeting: Outlook on the current national and international scenario, and its relevance for Jharkhand.</b></p> <p><b>Brief:</b> State’s perspectives and preparedness toward the impacts of climate change can be broadly understood with an insight into its carbon budgeting, planning for carbon-neutrality, financial management and sustainable action plans.</p> <p><b>Chairman:</b> Sh. A.K. Rastogi, IFS Chairman, Jharkhand State Pollution Control Board (JSPCB) Principal Chief Conservator of Forests (PCCF) Government of Jharkhand, Ranchi</p>
	<p><b>Climate Change in Jharkhand: Challenges, opportunities and way forward</b></p> <p>Dr. Sanjay Srivastava, IFS APCCF, Special Projects Department of Forest Environment and Climate Change, Government of Jharkhand</p> <p>Views on climate change impacts and vulnerabilities with respect to Jharkhand and exploring opportunities for mitigation and adaptation.</p>
	<p><b>Greenhouse Gas (GHG) emissions: International and national scenario and implications to climate goals.</b></p> <p>Sh. Srinivas Krishnaswamy Chief Executive Officer (CEO) Vasudha Foundation</p> <p>To understand the state-of-the-art on global and national GHG emissions, sources and uncertainties.</p>
	<p><b>Building Environmental, Social and Governance (ESG) system for carbon budgeting and neutrality in Jharkhand.</b></p> <p>Dr. Manish Kumar Director (Research &amp; Development) Centre for Environment and Energy Development (CEED)</p> <p>Views on the importance of carbon-budgeting and achieving carbon-neutrality in a resource-rich state like Jharkhand,</p>
	<p><b>Concluding remarks by Chair of Session</b></p>
<p><b>11: 45 AM - 01:15 PM</b></p> <p>Moderated Session: Q/A along with concluding remarks from chair of the session</p>	<p><b>Session 2: Carbon budgeting in industries for ensuring net-zero emissions: Perspectives from key industries of Jharkhand.</b></p> <p><b>Brief:</b> Jharkhand is home to several industries and can potentially play roles in achieving state’s target to net-zero emissions. Several technical and process changes within the industrial operations are required to such transition which will require additional financial and technical support.</p> <p><b>Chairman:</b> Sh. Amarendu Prakash Director-Incharge Steel Authority of India Limited</p>

**Carbon-neutrality in coal mining: Insights from the coal mining sector towards a net-zero transition.**

Sh. P. M. Prasad  
Chairman-cum-Managing Director (CMD)  
Central Coalfields Limited (CCL)

Vision and prospects on zero-carbon mining in one of the largest coal producing state like Jharkhand.

**Moving towards a carbon-neutral manufacturing of cement: Perspectives from the cement industries.**

Dr. Anil Kumar Trivedi  
Assistant Vice-President and Corporate Head  
Shree Cement Limited

To understand the ongoing practices and future plans of cement manufacturing industries towards their carbon budgeting climate committment plans.

**Speeding the journey via net-zero transportation in Jharkhand.**

Sh. Deepak Kumar  
General Manager  
Tata Motors Limited

Views on decarbonization of transport sector in Jharkhand, hurdles in accounting collective budget through public-private partnership.

**Carbon budgeting and neutrality in Iron ore mining: Perspectives from the Iron ore mining sector.**

Sh. Saroj Kumar Banerjee  
Chief  
Tata Steel Mining

To understand the ongoing practices and future plans of Iron ore mining agencies towards their carbon budgeting climate committment plans.

**Roadmap for carbon neutrality in copper mining sector.**

Sh. Sanjiv Kumar Singh  
Director  
Hindustan Copper Limited

Towards the understanding and development of a roadmap for a carbon neutral copper mining.

**Decarbonisation in Aluminium Sector.**

Sh. Debashish Ghosh  
Head- Energy & Green Energy,  
Chief Carbon Officer, Hindalco  
Mumbai

Understanding the scope and challenges in the process modifications in aluminium sector.

**Concluding Remarks by Chair of Session**

01:15 PM - 02:15 PM	<b>Lunch Break</b>
02:15 PM - 03:30 PM	<b>Session 3: Perspectives from the industries (to continue)</b> <b>Chairman:</b> Dr. C.K. Asnani Chairman-cum-Managing Director Uranium Corporation of India Limited (UCIL)
	<b>The decarbonization challenges for chemical industries in Jharkhand</b> Sh. S.N. Sastry Unit Head Environment Head- DCA & VFY Sub-Committee Chairman HSE AMAI Research Council Member- CSIR/CSMCRI Grasim Industries. Aditya Birla To unearth the key challenges experienced by chemical industries towards decarbonizing their process.
	<b>Contribution of renewable energy towards achieving India's net-zero goals: preparedness and plans.</b> Sh. Satish Bhat Head - Solar Operations Tata Power To provide insights of the renewable energy sectors towards their preparedness and long-term planning to achieve India's net-zero goals for 2070.
	<b>Moving towards a carbon-neutral manufacturing of cement: Perspectives from the cement industries.</b> Sh. Priya Ranjan Deputy Executive Director & Unit Head Dalmia Cement Bharat Limited (Bokaro Unit) To understand the ongoing practices and future plans of cement manufacturing industries towards their carbon budgeting climate commitment plans.
	<b>Building a carbon neutral healthcare sector in Jharkhand: Opportunities and challenges.</b> Dr. Shambhu Prasad Singh President, Indian Medical Association (IMA), Ranchi Chapter Towards building an environmentally safe, low-carbon healthcare system through using emission budgeting and accounting indicators.
	<b>Sustainability as a powerful tool for achieving carbon neutrality.</b> Sh. Somesh Biswas Chief, Corporate Sustainability Tata Steel Limited To explore the potentials of various sustainability measures in achieving carbon neutrality.
	<b>Concluding Remarks by Chair of Session</b>
03:30 PM- 03:45 PM	<b>Tea Break</b>

<p><b>03:45 PM- 04:45 PM</b></p>	<p><b>Session 4: Enabling framework for achieving carbon neutrality: Way-forward for industries in Jharkhand.</b></p> <p><b>Brief:</b> The session aims to identify pathways to build the carbon budgeting and neutrality as the kick-off step to achieving net-zero targets. The session further aims at exploring the way-forward for carbon neutral Jharkhand.</p> <p><b>Chairman:</b> Sh. Rahul Sharma, IAS Secretary, Dept. of Planning and Development Govt. of Jharkhand</p>
	<p><b>Role of business leadership towards building framework for carbon budgeting and its applications in Jharkhand.</b></p> <p>Sh. Philip Mathew President Jharkhand Small Industries Association</p> <p>Perspectives on building a nexus between business leadership and governance system to strengthen climate commitments in Jharkhand through carbon budgeting and evaluation.</p>
	<p><b>Role of banking sector and responsible finance for promoting carbon-neutrality in Jharkhand.</b></p> <p>Sh. Sanjiv Sinha General Manager Reserve Bank of India, Jharkhand</p> <p>Insights on the financial support system for disclosing institutional carbon budgeting ,offsetting ,and reduction efforts .Views on the scoping of a framework for carbon trading in Jharkhand.</p>
	<p><b>Enabling policies and removal of barriers in implementing carbon budgeting and achieving carbon neutrality in Jharkhand.</b></p> <p>Sh. Chanakya Chaudhary Vice-President, Corporate Services, Tata Steel Limited Member, CII-Eastern Region</p> <p>To dig out the hurdles in ease of doing business from climate comittment perspectives, and ensuring stronger alignment between the committments of government and industries.</p>
	<p><b>Role of climate finance in enabling carbon neutrality and sustainability.</b></p> <p>Sh. Sanjoy Ghosh Chief Operating Officer NABARD Consultancy Services Delhi</p> <p>To provide an overview of the refinancing mechanism and its role in environmental and climate governance to ensure sustainability.</p>
	<p><b>Concluding Remarks by the Chair of Session</b></p>
<p><b>04:45 PM - 05:00 PM</b></p>	<p><b>Break</b></p>

**05:00PM- 05:30 PM**

**Valedictory session**

**Conclusion and The way-forward: Sustainable approach to achieve carbon-neutrality for future-ready Jharkhand.**

Dr. D.K. Saxena, IFS  
Government of Jharkhand

Sh. A.K. Rastogi, IFS  
Chairman, Jharkhand State Pollution Control Board (JSPCB)  
Principal Chief Conservator of Forests (PCCF)  
Government of Jharkhand, Ranchi

Sh. Ramapati Kumar  
Chief Executive Officer (CEO),  
Centre for Environment and Energy Development (CEED)

**Vote of Thanks**