

**Net Zero Pathways for States and Businesses**

**Date: 20th March 2023**

**Venue: Hyatt Regency Kolkata**

The Bengal Chamber of Commerce and Industry, India and British Deputy High Commission, Kolkata are organizing “**Net Zero Pathway for states, cities and businesses in East and North East India---Sharing best practices**” on **Monday, 20<sup>th</sup> March 2023 in the first half commencing at 10.30 am at Hyatt Regency Kolkata.**

India has announced its Long-Term Low Emission Development Strategy (LT-LEDS) at the UN Climate Change Conference (COP27), setting out a broad framework for meeting Net Zero goal by 2070. Some of India’s biggest companies have declared net-zero targets and many companies have also pledged to reduce greenhouse gas (GHG) emissions. States and cities are adopting clean growth strategy to move towards the Net Zero target.

The 20<sup>th</sup> March programme in Kolkata is part of a larger initiative to come up with a Strategy for Net Zero Pathway for businesses and states in East and North East India by sharing best practices through an event and by coming up with a comprehensive Roadmap on the way forward.

A high level delegation from the United Kingdom will be visiting Kolkata to exchange knowledge on clean technologies, policies and sectoral skill development. The event is expected to be attended by senior policymakers and businesses from across India. The event will witness a panel discussions on various areas including electric mobility under the UK-India bilateral ‘Accelerating Smart Power and Renewable Energy in India (ASPIRE)’ programme on clean energy.

<b>10:00 a.m. – 10:30 a.m.</b>	<b>Registration / Tea/Coffee</b>	
<b>10:30 a.m. – 10:45 a.m.</b>	<b>Guests to be seated</b>	
<b>10:45 a.m. onwards</b>	<b>Opening Session</b>	
10.45 a.m. - 10.55 a.m.	Welcome Address	<b>Mr. Deb A Mukherjee</b> , Past President, The Bengal Chamber and Managing Director, Cenergist Energy Private Limited
10:55 a.m.-11:05 a.m.	Opening Remarks	<b>Mr. Peter Cook</b> , Acting British Deputy High Commissioner to East and Northeast India, British Deputy High Commission Kolkata
11:05 a.m. – 11:50 am	Policymakers’ Session- Net Zero Target for India by 2070	<b>-Sri S. Suresh Kumar, IAS</b> , Additional Chief Secretary, Department of Power, Government of West Bengal  <b>-Dr Ashok Kumar Ghosh</b> , Chairman, Bihar State Pollution Control Board; Principal Secretary/Secretary, Environment & Forest Department, Bihar (Virtual)  <b>- Shri Kaliyamurthi Balamurugan, IFS</b> , Chief Environment Officer, Department of Environment, Government of West Bengal
11:50 noon – 12:00 Noon	Changeover	
<b>12:00 Noon. -1:35 p.m.</b>	<b>Case Studies on Net Zero UK and India</b>	



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		<b>Session Chair and Speaker</b>
	Net Zero- Possible Collaborations between India and UK	<b>Mr. Deb A Mukherjee</b> , Past President, The Bengal Chamber and Managing Director, Cenergist Energy Private Limited
		<b>Speakers</b>
	Best practices from UK	<b>Dr. Sagar Mody</b> , Technical Consultant, Infrastructure Strategy, Centre of Excellence for Low Carbon and Fuel Cell Technologies (Cenex)
	Exploring local livelihoods and good landscape practices through artist/researcher collaborations with communities in the Sundarbans delta	- <b>Dr. Niki Black</b> , Senior Research Associate, School of Architecture, Landscape and Planning, Newcastle University, UK  - <b>Professor Maggie Roe</b> , Professor of Landscape and Co-Director of the Centre for Landscape, Newcastle University, UK
	Corporate Case Studies on Roadmap to Net Zero in India	<b>Mr. Surajit Majumdar</b> , Senior General Manager and EA to MD & CEO II CORPORATE, Exide Industries Limited
	Corporate Case Studies on Roadmap to Net Zero in India	<b>Mr. Sourav Daspatnaik</b> , Managing Director, Swach Environment Pvt Ltd
	Corporate Case Studies on Roadmap to Net Zero in India	<b>Mr. Anirban Ghosh</b> , Head, Centre for Sustainability, Mahindra University (Virtual)
	PSU Case Study on Roadmap to Net Zero in India	<b>Shri Pankaj Kumar Gupta</b> , General Manager in Engineering Division, NTPC
1:35 p.m. – 2:35 p.m.	Lunch	
2:35 p.m. -3:00 p.m.	Registration for EV Session	
3:00 p.m. onwards	EV Session	

### Electric Vehicle Ecosystem Workshop

**Date:** Monday, 20<sup>th</sup> March 2023

**Venue:** The Hyatt Regency Kolkata JA-1, Sector-3, Salt Lake City, Kolkata – 700098

#### 1. Background

The transport sector of India accounts for around 19% of country's total energy consumption and contributes substantially to CO<sub>2</sub> emissions. As a step towards achieving Net-Zero Target, India is focusing on decarbonizing transport sector by promoting Electric Vehicles and has initiated multiple schemes like Faster Adoption and Manufacturing of Electric Vehicles (FAME), Production Linked Incentives (PLI) etc.

Further, at the state level various initiatives are being taken up including notification of state specific Electric Vehicle Policies. The Government of West Bengal has also notified its Electric Vehicle Policy in 2021. The policy sets the target of deploying 10 lakh EVs, across all vehicle segments, and setting-up 1 lakh public, semi-public charging stations during the policy implementation period. Additionally, the policy also identifies 'Skill-Development and Workforce Training' as one of the key enablers to EV Transition.

To support and accelerate this transition, the Foreign, Commonwealth and Development Office (FCDO), Government of UK is organizing a half-day Workshop on Electric Vehicle Ecosystem with focus on EV financing and accessible EV transition.

This workshop is being organized under '**Accelerating Smart Power and Renewable Energy in India**' (ASPIRE) Program. ASPIRE program is being implemented by the Foreign, Commonwealth and Development Office (FCDO), Government of UK in-association with the Ministry of Power and Ministry of New and Renewable Energy, Government of India. The workshop targets to share best practices and ideas on policies, technologies, vehicle types, EV deployment, financing and commercial models that could be applicable to India's electric vehicle market.

There will be two panel discussions across the following themes:

**Theme 1: Grants, Investment and Financing in the Business Ecosystem**

**Theme 2: Delivering accessible EV Transition**

#### 2. Objectives

The objective of the workshop is to:

- Discuss the key initiatives on e-mobility under India-UK collaboration
- Share national and international experiences on accelerating electric mobility transition
- Create a conducive ecosystem – financing, deployment models, best practices, skilling, and inclusive transition

#### 3. Agenda

Time (IST)	Description	Key Speakers
<b>20<sup>th</sup> March 2023 (Monday)</b>		
2.30 pm – 3.00 pm	Registration	
<b>Inaugural Session</b> (Master of Ceremony will invite the Guests/ Speakers)		



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Time (IST)	Description	Key Speakers
3.00 pm – 3.05 pm	Welcome address	<b>Mr. Peter Cook</b> , Acting British Deputy High Commissioner to East and Northeast India, British Deputy High Commission Kolkata
3.05 pm – 3.20 pm	Presentation on broad contours of establishing a Centre of Excellence/ Skilling Centre for EV in West Bengal	<b>Mr. Tom Williams</b> , Director, KPMG UK
3.20 pm – 3.30 pm	State’s perspective on EV priorities	<b>Mr. Rajanvir Singh Kapur</b> (IAS), Managing Director, West Bengal Transport Corporation (to be confirmed)
3.30 pm – 3.45 pm	Keynote address	<b>Mr. S. Suresh Kumar</b> (IAS), Additional Chief Secretary, Department of Power, Government of West Bengal (to be confirmed)
<b>Session-1: Grants, Investment and Financing in the Business Ecosystem</b>		
3.45 pm – 4:55 pm	<p>Session objective and overview of the financing landscape for Electric Vehicles, followed by moderated panel discussion.</p> <p>The panel discussion will focus on:</p> <ul style="list-style-type: none"> <li>• Overview of the entire grants/ financing landscape for Electric Vehicles, with examples from the UK and other countries</li> <li>• How to incentivize the development of the EV sector through grants and venture funds for start-ups</li> <li>• How to attract major investment into major component manufacturing</li> <li>• Financing options and the role of guarantees in facilitating adoption of EVs</li> <li>• Experience from past deployments, challenges, and key learnings particularly w.r.t scale-up</li> <li>• Case Studies depicting how successful EV transitions have been achieved</li> <li>• Role of skill development and existing capability gaps in the EV financing domain</li> </ul>	<p>Session Moderator: <b>Mr. Vikas Gaba</b>, Partner and National Head – Power &amp; Utilities, KPMG India</p> <ol style="list-style-type: none"> <li>1. <b>Dr. Sagar Mody</b>, Technical Consultant, Cenex, UK (in-person)</li> <li>2. <b>Mr. Nishant Kumar</b>, Managing Director of Asia, Guarantco, UK (virtual)</li> <li>3. <b>Ms. Roxana Slavcheva</b>, Global Lead, Connected Places Catapult, UK (in-person)</li> <li>4. <b>Dr. K C Vora</b>, Former Senior Director, ARAI &amp; Chair of ASDC’s Expert Group on EVs (virtual)</li> <li>5. <b>Mr. Bharat Chauhan</b>, Former CEO, EVExpo India (in-person)</li> </ol>
<b>Session-2: Delivering accessible EV Transition</b>		
04:55 pm – 06:05 pm	<p>Session objective and the need for Gender Equality and Social Inclusion (GESI) in the EV Ecosystem, followed by moderated panel discussion.</p> <p>The panel discussion will focus on:</p> <ul style="list-style-type: none"> <li>• Overview of the importance of GESI considerations in the EV Sector</li> <li>• Measures to ensure inclusion and equality</li> <li>• Opportunities to expand EV workforce</li> </ul>	<p>Session Moderator: <b>Ms. Cathy Chen</b>, Manager, KPMG UK</p> <ol style="list-style-type: none"> <li>1. <b>Ms. Catherine Marris</b>, Head of Innovation, Motability, UK (in-person)</li> <li>2. <b>Mr. James Llewellyn</b>, Head of International Operations, NPTC Wales, UK (in-person)</li> </ol>



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Time (IST)	Description	Key Speakers
	<p>participation to diverse groups and produce socioeconomic benefits</p> <ul style="list-style-type: none"><li>• Economic Value of Equitable EV transition</li><li>• Accessibility and GESI considerations in relation to the EV transition</li><li>• Best practices on how to ensure social inclusion for EV transition</li><li>• Initiatives for workforce development and inclusion in the EV sector</li><li>• learnings from shared e-mobility trial pilot project, including GESI impacts</li><li>• How skill development in EV sector can ensure inclusion and equality in EV transition</li></ul>	<p>3. <b>Mr. Haresh Bhere</b>, CTO, Reliance-bp Mobility Limited, India (virtual)</p> <p>4. <b>Mr. Jaydip Mukherjee</b>, Co-Founder &amp; COO, Snap-E Cabs India (in-person)</p> <p>5. <b>Mr. Vasant Chari</b>, Director of Human Connected Design, Connected Places Catapult (in-person)</p>
06:05 pm – 06:15 pm	<b>Closing Remarks</b>	<b>Ms. Haimanti Poddar</b> , Senior Climate and Energy Adviser, FCDO India
06:15 pm onwards	<b>Networking Reception-cum Dinner (by invitation only)</b>	

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