

# Webinar cum Policy Dialogue on Energy & Climate Change on 'Energy Efficient Transport Systems for Climate Action'

On Thursday, 3 September 2020 (11:00 am - 12:30 pm IST)

## Delegates



**Dr. Jyoti K Parikh**  
Executive Director, IRADe



**Ms. Moutushi Sengupta**  
Director, India Office,  
MacArthur Foundation (tbc)



**Shri. Arun Bothra, IPS**  
CMD, OSRTC (tbc)



**Prof. H.M. Shivanand Swamy**  
Executive Director, CoE-UT,  
CEPT University (tbc)



**Dr. Kirit Parikh**  
Chairman, IRADe



**Mr. Nihar Ranjan Sahoo**  
Senior Env. Engineer, OPCB



**Dr. Probal Ghosh**  
Assistant Director, IRADe



**Dr. Debasis Basu,**  
Assistant Professor, IIT B (tbc)



**Dr. Umesh Chandra Sahoo,**  
Assistant Professor, IIT B

## About the Webinar

Transport sector plays a vital role in the development of an economy but is also a major contributor in India's total GHG emissions with 9.6% share (Source: MoEFCC). In Odisha, the transport sector has a share of 14.6% in the total state emissions. Odisha also has a per capita emission of 2.35 tons, higher than the national average of 1.7 tons. It is thus essential to explore ways to limit the emissions from this emission intensive sector. IRADe is currently working on a detailed study to formulate and suggest policies for state level implementation and increase the share of renewables in state energy mix.

The webinar provides an opportunity to discuss the results of IRADe's research with various stakeholders in Odisha and get their feedback and suggestion for the Transport sector. It also aims to facilitate broad discussion and engagement with stakeholders to solicit their suggestions and point of view. The moderated discussion shall bring forward new dimensions addressing improvement avenues, if any, and reinforce the research output, ultimately helping in strengthening the strategic policy framework to achieve India's NDCs.

**To Register, click: [https://zoom.us/webinar/register/WN\\_CunErZEdRAY0i90EE444SA](https://zoom.us/webinar/register/WN_CunErZEdRAY0i90EE444SA)**

# Draft Agenda

## Enabling State Level Strategic Actions for India's NDC |Odisha Chapter- Transport|

### Webinar cum Policy Dialogue on Energy & Climate Change

<b>11:00 - 11:15 AM</b>	<b>Inaugural Session</b>	
	<b>Welcome Address</b>	<b>Dr. Jyoti K Parikh</b> <i>Executive Director, Integrated Research and Action for Development (IRADe)</i>
	<b>Project Introduction</b>	<b>Dr. Probal Ghosh</b> <i>Assistant Director, Integrated Research and Action for Development (IRADe)</i>
	<b>Special Remarks</b>	<b>Ms. Moutushi Sengupta</b> <i>Director, India Office, MacArthur Foundation (tbc)</i>
	<b>Inaugural Remarks</b>	<i>A senior official from Odisha Renewable Energy Development Agency (tbc)</i>
<b>11:15 - 12:30 PM</b>	<b>Energy Efficient Transport Systems to Reduce Emissions</b>	
<b>11:15 - 11:35 AM</b>	<b>A context setting presentation based on Sectoral Discussion Paper for Odisha prepared by IRADe researchers</b>	
	<p>Transport demand in India has been growing rapidly. To reduce emission intensity, the use of non-motorized and public transport (buses, metros) needs to be promoted at state and city levels. Also, with economic growth, Ownership of motorized vehicles grows within an economy. The falling cost of batteries is expected to reduce the cost difference between a BEV (Battery Electric Vehicle), and an equivalent conventional subcompact car will embolden BEV adoption. A suitable market-based strategy and an incentive program design support to achieve the desired mix of conventional vs. BE vehicles. Given this background, this session aims to discuss and deliberate on:</p> <ul style="list-style-type: none"> <li>• Transport sector policy: penetration of Mass Transit in cities such as Metro, Bus, etc.</li> <li>• Current fleet performance and future growth of the transport fleet by 2030</li> <li>• Transport scenario of conventional vs. BEV mix up to 2030</li> <li>• Market-based strategy for reducing the cost of EV through business models such as battery</li> <li>• Third-Party Ownership, battery swapping options, etc.</li> </ul>	
<b>11:35 – 12:30 PM</b>	<b>Session Chair</b>	<b>Prof. Kirit Parikh</b> <i>Chairman, Integrated Research and Action for Development (IRADe)</i>
	<b>Remarks by Panelists</b>	<ul style="list-style-type: none"> <li>• <b>Shri. Arun Bothra</b>, IPS, Chairman cum Managing Director, Odisha State Road Transport Corporation (OSRTC) (tbc)</li> <li>• <b>Prof. H.M. Shivanand Swamy</b>, Executive Director, Centre for Excellence in Urban Transport (CoE-UT), CEPT University; Consultant - Transport Sector, MacArthur Project; (tbc)</li> <li>• <b>Dr. Debasis Basu</b>, Assistant Professor, School of Infrastructure, IIT Bhubaneswar (tbc)</li> <li>• <b>Dr. Umesh Chandra Sahoo</b>, Assistant Professor, School of Infrastructure, IIT Bhubaneswar (tbc)</li> <li>• <b>Mr. Nihar Ranjan Sahoo</b>, Senior Environmental Engineer, Orissa Pollution Control Board (OPCB) Bhubaneswar</li> </ul>
	<b>Chair and Panelists remarks followed by open discussion</b>	
	<b>Closing Address &amp; Vote of Thanks</b>	<b>Dr. Probal Ghosh</b> <i>Assistant Director, Integrated Research and Action for Development (IRADe)</i>

Register for the Webinar at: [https://zoom.us/webinar/register/WN\\_CunErZEdRAY0i90EE444SA](https://zoom.us/webinar/register/WN_CunErZEdRAY0i90EE444SA)