

## Industry-Academia-Government Consultative Meeting to address the Challenges of Energy Sector (Conventional & Non-conventional) and Energy Devices

17 October 2022 (Virtual)

*Jointly Organized by*

Council of Scientific & Industrial Research (CSIR) and  
Department of Scientific and Industrial Research, Ministry of Science & Technology,  
Government of India

*and*

Asian and Pacific Centre for Transfer of Technology (APCTT) of the  
United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

### TENTATIVE AGENDA

(India Time: GMT+5:30)

<b>Opening session</b>		
10:00–10:15	Welcome address	<b>Dr. Rama Swami Bansal</b> Chief Scientist and Head, International S&T Affairs Directorate (ISTAD), Council of Scientific & Industrial Research (CSIR), Government of India
	Opening remarks	<b>Dr. Preeti Soni</b> Head, Asian and Pacific Centre for Transfer of Technology (APCTT) of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)
	Special remarks	<b>Mr. Surinder Pal Singh</b> Joint Secretary, Department of Scientific and Industrial Research (DSIR), Government of India

	GROUP PHOTO	
<p>10:15 – 11:45</p> <p><b>Session I: Emerging energy technologies and devices (both conventional &amp; non-conventional), and Industry-Academia-Government collaboration</b></p> <p>Moderator: <b>Dr. Indranil Chatteraj</b>, Director, CSIR-National Metallurgical laboratory (NML), Ministry of Science and Technology, Government of India</p> <p>The session will discuss key issues and challenges, needs and availability of energy technologies and devices (both conventional &amp; non-conventional). The deliberations will focus on how the challenges could be addressed through cross-border Industry-Academia-Government collaboration in member States to mitigate the future energy crisis.</p>		
10:15 – 11:45 (3-4 minutes each)	Key issues and challenges of the energy sector	<b>Dr. S S V Ramkumar</b> Director, M/s Indian Oil Corporation Ltd., India
	Emerging energy technologies and devices, energy efficiency including new materials, power electronics	<b>Prof. Pinakeswar Mahanta</b> Director, National Institute of Technology (NIT) Arunachal Pradesh, India
	Industry-Academia-Government collaboration in energy sector	<b>Mr. Tobias Winter (Tbc)</b> Director Indo-German Energy Forum (IGEF-SO)
	Needs and availability of energy technologies in conventional and non-conventional sectors	<b>Mr. B M Tripathi</b> Chief General Manager (Geology), M/s ONGC Limited, India
	Biofuel as alternate energy source and related technologies	<b>Prof. Rintu Banerjee</b> Head, AgFE, Indian Institute of Technology (IIT)-Kharagpur; Coordinator, RuTAG; Nodal Coordinator for Australia and New Zealand for Scheme for Promotion of Academic and Research Collaboration (SPARC)
	Petroleum and petrochemical products - technology value chain for sustainability	<b>Mr Vineet Gupta</b> Head, Technical, M/s HPCL-Mittal Energy Ltd. (HMEL), India
	Energy solutions with a focus on battery technology	<b>Dr. A. S. Prakash</b> Senior Principal Scientist, CSIR-Central Electrochemical Research Institute (CSIR-CECRI), Government of India

	Green hydrogen - alternate energy and grid integration	<b>Dr Ajit Sapre</b> Group President R&D Head, M/s Reliance Industries Limited, India
1145 - 1255 <b>Session II: Country perspectives on energy technologies and discussion on potential collaboration</b>  Moderator: <b>Dr. Preeti Soni</b> , Head of APCTT-ESCAP  In this session, participating country representatives will share their country's interest in specific energy technologies and discuss industry-academia-government collaboration opportunities for technology development, transfer and acquisition.		
1145-1255	Country perspectives (3-5 minutes each)	<b><u>Representative (s) of member States (Tbc)</u></b>  Bangladesh China Indonesia Islamic Republic of Iran Malaysia Nepal Pakistan Philippines Republic of Korea Sri Lanka Thailand Uzbekistan Viet Nam
<b>Closing session</b>		
12:55 – 13:00	Closing remarks	<b>Dr. Preeti Soni</b> Head of APCTT-ESCAP
	Closing remarks	<b>Dr. Ramanuj Banerjee</b> Scientist F, Department of Scientific and Industrial Research (DSIR), Ministry of Science and Technology, Government of India