

Tentative Programme as of 14.09.2018 - subject to changes

EU - India Clean Energy Days & Business Beyond Borders
 17-21 September 2018, New Delhi, India

Renewable Energy India 2018 Expo, Greater Noida



DAY 1, MONDAY, 17 SEPTEMBER 2018 - NEW DELHI

Morning	Arrival of EU Business Delegates to Delhi
1430-1500	Registration for all delegates <i>Venue: Room: Sovereign II, Le Meridien</i>
1500-1630	<p>SEMINAR ON DOING BUSINESS IN INDIA</p> <p>Part 1: Doing Business in India</p> <p>Welcome speech, Ms Henriette Faergemann, First Counsellor, Head of Section Environment, Energy, Climate Change, Urbanisation, Mobility, Foreign Policy Instrument, Delegation of the European Union to India</p> <ul style="list-style-type: none"> ▪ Opening remarks and Session moderator – Poul V. Jensen, Director, European Business and Technology Centre ▪ Investing in India - Priya Rawat, Principal Investment Specialist, Invest India ▪ Overview of Renewable Energy Sector in India and Opportunity for EU Businesses, Vibhash Garg, Director, PwC ▪ Introduction to Doing Business in India, Mr. Atul Khurana, Head – Consulting, Maier+Vidorno ▪ Different Legal Forms of engaging in India, Lalit Kumar, Partner, JSA Advocates and Solicitors <p><i>Experiences on Doing Business in India:</i></p> <ul style="list-style-type: none"> - Ms. Raquel Rodriguez, Project Manager, Inquve. - Jaspreet Benipal, Home Credit, Vice President, Strategic Business Alliances <p><i>Venue: Room: Sovereign II, Le Meridien</i></p>

1630-1700	Tea Break
1700-1830	<p>Part 2: EU-India Research Collaboration in the Renewable Energy Space</p> <p>Cooperation on Research and Innovation for Business Collaborations</p> <p>Opening Remarks and Session Moderator - Ms. Tania Friederichs, Research and Innovation Counsellor, European Delegation to India</p> <p>European Perspective:</p> <ul style="list-style-type: none"> ▪ Insights by Representatives of EU MS on how cooperation on Research and Innovation (R&I) can lead to business collaborations by the example of their involvement in Horizon2020 initiatives: <ul style="list-style-type: none"> - Mr. Alain Baetens, First Secretary, Embassy of the Kingdom of Belgium - Ms. Inger Midtkandal, Science and Technology Counsellor, Royal Norwegian Embassy - Ms. Maria Lunander, Counsellor Innovation and Science, Embassy of Sweden <p>Indian Perspective:</p> <ul style="list-style-type: none"> ▪ Overview of Clean Energy Research Initiatives, Dr. Sanjay Bajpai, Head Technology Mission Cell Water & Solar Energy, Department of Science & Technology, Ministry of Science & Technology ▪ Deployment of Technologies in EU-India Technology Collaboration, Mr. Chitranjan Kaushik, COO, Tata Consulting Engineers ▪ EU-India Research Cooperation, Ms Ratika Jain, Director, Global Innovation & Technology Alliance (GITA) <p><i>Venue: Room: Sovereign II, Le Meridien</i></p>
1830 onwards	<p>Networking Dinner – hosted by the European Union Delegation to India</p> <p><i>Venue: Dinner hall: Desire, Le Meridien</i></p>
DAY 2, TUESDAY, 18 SEPTEMBER 2018 - GREATER NOIDA	
1030-1230	<p>B2B Meetings at the European Pavilion</p> <p>Hall no: 14, Booth no: 14.204, Renewable Energy Expo, India Expo Centre, Greater Noida</p>
1230-1400	<i>Lunch Break</i>
1400-1730	<p>B2B Meetings at the European Pavilion</p> <p>Hall no: 14, Booth no: 14.204, Renewable Energy Expo, India Expo Centre, Greater Noida</p>
DAY 3, WEDNESDAY, 19 SEPTEMBER 2018 - GREATER NOIDA	

1030-1730	<p>B2B Meetings at the European Pavilion</p> <p>Hall no: 14, Booth no: 14.204, Renewable Energy Expo, India Expo Centre, Greater Noida</p>
India-EU Clean Energy Day INAUGURAL	
1000 – 1030	Registration and Refreshments (Tea break)
1030-1130	<p>Welcome Address and Opening Remarks</p> <ul style="list-style-type: none"> - Welcome Address and Opening Remarks Ms Henriette Faergemann, First Counsellor, Head of Section Environment, Energy, Climate Change, Urbanisation, Mobility, Foreign Policy Instrument, Delegation of the European Union to India - A vision on priorities for EU – India clean energy and climate cooperation by Arunabha Ghosh (tbc), CEO, Council on Energy, Environment and Water - Welcome by Secretary Kumar (tbc), Secretary, Ministry of New and Renewable Energy - Welcome by Philip Owen, Head of Unit, Directorate-General of Climate Action: <ul style="list-style-type: none"> o Cooperation in the frame of the EU – India Clean Energy and Climate Partnership – results till date and new priorities o Kick-off of the G20 Strategic Partnerships for Implementation of Paris Agreement (SPIPA) under the EU-India Clean Energy & Climate Partnership <p><i>Venue: Renewable Energy Expo, India Expo Centre, Room: SHAMROCK (2nd Floor)</i></p>
1130-1230	<p>Strengthening PV Rooftop Leadership in India</p> <p>This session will look into the incentives and current market outlook for solar rooftop PV in India. Current achievements and challenges will also be discussed.</p> <p>Speakers: (Separate detailed agenda available)</p> <ul style="list-style-type: none"> - India business interaction to support PV rooftop solar leadership, Jens Martn, CEO Vidja, powered by E.ON - G.K. Gupta, Joint Secretary – MNRE, MNRE Initiatives & GCRT Programme of Govt. of India - Abhishek Ranjan- AVP System Operations & Head – Renewables at BRPL, Delhi BRPL’s Solar City Initiative – Solarise Dwarka - Rakesh Bohra – Sr. Associate Manager – Green Initiatives, Infosys Ltd. solarising Infosys – Innovative Rooftop Solar designs and PV readiness of rooftops - Narendra Shiradkar – Assistant Professor, Electrical Engineering, IIT Bombay PV Module Degradation and Operations and Maintenance - Ashok Kumar Jha – Executive Officer – EEREM Centre Delhi, Single Window Clearance Portal for RTS Implementation in Delhi <p><i>Venue: Renewable Energy Expo, India Expo Centre, Room: SHAMROCK (2nd Floor)</i></p>
1230-1330	<i>Lunch Break</i>

India-EU Clean Energy Day: Concurrent Thematic Sessions			
	<p>PARALLEL SESSION 1: Optimising solar power plant operation in India: challenges and opportunities for India-EU Business-to-Business exchange.</p> <p>The session will focus on improving the performance of solar power assets in India both utility scale and rooftops, as contributing to the 100 GW target by 2022. Special emphasis will be given to solar parks by providing direct feedback on its implementation as well as the grid integration across India of solar power, digitalisation of solar power plants and O & M activities. Business opportunities related to improving output and profitability of solar power assets will be highlighted.</p> <p><i>Venue: Renewable Energy Expo, India Expo Centre, SHAMROCK (2nd Floor)</i></p>	<p>PARALLEL SESSION 2: Offshore wind energy deployment in India : perspectives for the wind turbine business</p> <p>The Session will focus on Offshore Wind in India, including plans to fulfil 5 GW by 2022 and 30 GW by 2020. The latest developments in the tendering of the first 1 GW will be discussed among sector experts and relevant government bodies. The session will detail the perspectives of India's first stages of offshore wind deployment for the wind turbine industry.</p> <p><i>Venue: Renewable Energy Expo, India Expo Centre, OLIVE (2nd Floor)</i></p>	<p>PARALLEL SESSION 3: E-Enhancing energy efficiency in buildings : India's potential to use smart technologies and innovative business models for nearly-zero energy buildings</p> <p>The European Union is supporting BEE in implementing Energy Conservation Building Code (ECBC) in four states (Maharashtra, Madhya Pradesh, Odisha and Bihar) as well as its larger penetration at national level. The session will take stock of best practices as well as lessons learnt for wider adoption of ECBC at national level, and then focus on the next phases in energy efficiency legislation towards nearly-zero energy buildings and smart buildings. The role of business in enhancing energy efficiency of buildings will be highlighted.</p> <p><i>Venue: Renewable Energy Expo, India Expo Centre, MINT (2nd Floor)</i></p>
<p>1330-1500 Thematic Panel 1</p>	<p>Optimisation of solar assets performance</p> <ul style="list-style-type: none"> - SolarPowerEurope's best practices for solar plant operations and maintenance and the role of digitalisation : relevance in the Indian context, <i>Constantinos Peonides, Alecris, Member of the SolarPower Europe Operation & Maintenance Task Force</i> - O&M challenges and needs of India's solar parks, - Presentation of activities under the EU funded 	<p>Development of offshore wind energy in India and its choice of turbines</p> <ul style="list-style-type: none"> - The upcoming offshore wind tenders in India, <i>JS Yadav (tbc), MNRE</i> - State of play and future perspective on the offshore wind turbine market and technology, <i>tbc, Peter Hjuler Jensen, Technical University of Denmark DTU, tbc</i> - India's wind resources and weather conditions in Gujarat and Tamil Naidu : implications for turbine choice and design, <i>Dr Katyal, DDG,</i> 	<p>Challenges of implementing EE buildings legislation in India and the EU; the next phases in energy efficiency of buildings legislation (smart buildings; near zero energy buildings)</p> <ul style="list-style-type: none"> - India's policy framework for Energy Efficiency in Buildings : building further on the ECBC towards net-zero energy and smart buildings, <i>tbc, BEE</i> - Implementing India's Energy Conservation for Buildings Code in selected States : state of play, <i>Rajeev Ralhan, PWC India Ltd</i> - Focus on District Cooling, Ecocities project, <i>tbc, IFC,</i>

	<p>CECI project in support of 'optimizing solar power plant operation in India, <i>David Pifarre Martinez, Team member of the project, IDOM.</i></p> <p>Panel discussion and Q&A</p>	<p><i>NIWE</i></p> <ul style="list-style-type: none"> - Sizing turbines for India's first offshore wind park(s) : critical issues to consider (<i>Gabriel Zeitouni COWI, project FOWPI (First Offshore Wind Park in India)</i>) - The choice between mature and innovative turbine designs: developer's view, <i>Pieter Marinus, Parkwind, Belgium</i> <p>Panel discussion and Q&A</p>	<ul style="list-style-type: none"> - Smart buildings and NZEB : towards implementation of the EU's reviewed Energy Performance of Buildings Directive - <i>Olivier Rapf, Executive Director, BPIE</i> <p>Panel discussion and Q&A</p>
1500-1530	Coffee break	Coffee break	Coffee break
1530-1700 Thematic Panel 2	<p><i>New trends in solar power asset operation, such as digitalisation, power storage and performance of rooftop PV</i></p> <ul style="list-style-type: none"> - Digitalisation in solar parks operation: new technological trends/applications, <i>Kelly Mermuys, Head of Office in India, 3E</i> - Challenges for O&M of rooftop solar, <i>Ramesh Kumar, Acting Vice Preseidnet Operation and Maintenance, Amplus Energy Solutions Pvt Ltd</i> - Business models for O&M services to distributed and rooftop solar in India, <i>Jens Martin, CEO Vidja powered by E.ON</i> - Optimising performance and profitability of solar assets : how battery storage can contribute, <i>Eric Daniel, QOS Energy</i> <p>Panel discussion and Q&A</p>	<p><i>Emerging offshore wind turbine market in India</i></p> <ul style="list-style-type: none"> - Turbine technology choice : installation considerations (N.N, Jan de Nul India, <i>tbc</i>) - Offshore turbine testing and certification for the Indian market, <i>Jason McNeil, COWI</i> - Financiers views on turbine choice and its impact on overall project risk, (<i>Daanish Verma, Yes Bank</i>) - A perspective on India as future manufacturing hub for offshore wind energy turbines, <i>Bimlesh N. Shah, President Offshore Business, Suzlon</i> <p>Panel discussion and Q&A</p>	<p><i>Financing/investment challenges for smart buildings and NZEBs</i></p> <ul style="list-style-type: none"> - ECBC implementation : investment/ financing challenges and role of business, <i>tbc, EESL</i> - EU case: Amsterdam Microsoft building, focus on sustainability aspects of smart buildings, <i>tbc, Deerns NL</i> - EU case: Artificial Intelligence at the service of heating/cooling of buildings, <i>tbc, Leanheat Finland</i> - India case: Smart buildings/NZEB: implementation of 'third generation technologies', <i>tbc,</i> - India case: financing NZEB, from a bank's perspective (KFW, EIB, ...) invite National Housing Bank although it is residential sector bank <p>Panel discussion and Q&A</p>

	<p align="center">G20 Strategic Partnerships for Implementation of Paris Agreement (SPIPA) under the EU-India Clean Energy & Climate Partnership</p> <p>Moderator: Ashish Chaturvedi (GIZ-India)</p> <p>Introduction to SPIPA</p> <p>The EU project “Strategic Partnerships to Implement the Paris Agreement” translates the political commitment for advancing bilateral dialogues and cooperation in the field of climate action into concrete interventions to align them with the global ambition level set by the Paris Agreement. Indian activities under the SPIPA project will address (1) networking, capacity building and knowledge management (2) low carbon development modelling (3) sector activities: adaptation, (4) MRV and (5) sector activities: mitigation. This session will provide information about the key activities proposed as part of the project and seek ideas for additional activities.</p> <ul style="list-style-type: none"> - The global project involving cooperation between EU and G20 countries regarding Paris Agreement. Ms. Silja Dressel, GIZ-Head Office - Strategic EU-India cooperation for implementation of the Paris Agreement project, Mr. Philip Owen Head of Unit, Directorate-General of Climate Action - - Specific project activities <ul style="list-style-type: none"> o Mr. Saurabh Kumar (EESL) (tbc) - trigeneration and AgDSM activities proposed as part of the EU-India cooperation. o Mr. Shantanu Gotmare (GGGI) - Tea sector vulnerability to climate change along with mitigation and adaptation measures <p>Green cooling</p> <p>With the signing of the Paris Agreement and Kigali amendment to the Montreal Protocol, there is a need for reducing hydrofluorocarbons (HFCs) emissions. While HFCs are not Ozone depleting, they have significant global warming potential. Through energy efficiency, there is potential for reducing GHG emissions due to cooling requirements. India’s residential and commercial cooling sectors, mobile air-conditioning in vehicles and commercial refrigeration sector needs support on the transition to alternate refrigerants with low global warming potential or introduction of innovative green cooling technologies. This session will elaborate on the planned activities and seek ideas for additional activities to promote green cooling under the EU-India Partnership for Clean Energy and Climate.</p> <ul style="list-style-type: none"> - Mr. Cornelius Rhein, Directorate-General of Climate Action - Green cooling related activities <p><i>Venue: Renewable Energy Expo, India Expo Centre, SHAMROCK (2nd Floor)</i></p>	
1830 onwards	European Night – Networking Dinner	
DAY 4: THURSDAY, 20TH SEPTEMBER 2018- GREATER NOIDA		
1030-1230	<p>B2B Meetings</p> <p>At the European Pavilion Hall no: 14, Stall no:14.204, Renewable Energy Expo 2018 India Expo Centre</p>	<p align="center">Ministerial Meetings</p> <p>Meetings of EUD with selected ministries such as:</p> <ul style="list-style-type: none"> • Bureau of Energy Efficiency • Ministry of Power • Ministry of New and Renewable Energy: <ul style="list-style-type: none"> - Solar power

	Greater Noida	- Offshore Wind
1230-1400	<i>Lunch Break</i>	
1400-1730	B2B Meetings At the European Pavilion Hall no: 14, Stall no: 14.204, Renewable Energy Expo 2018 India Expo Centre Greater Noida	Ministerial Meetings Meetings of EUD with selected ministries such as: <ul style="list-style-type: none"> • Bureau of Energy Efficiency • Ministry of Power • Ministry of New and Renewable Energy: <ul style="list-style-type: none"> - Solar power - Offshore Wind
DAY 5: FRIDAY, 21TH SEPTEMBER 2018		
0600-0900	<i>Optional: Old Delhi Bicycle Tour</i>	
forenoon	Free time	
1330-1600	<p style="text-align: center;">India and EU – Co-Creation of Projects in alignment with Sustainable Development Goals (SDGs)</p> <p>The session will focus on co-creating new partnerships and business opportunities between India and European stakeholders in alignment with EU-India Policy Dialogue.</p> <p>This session will help in recognising the joint efforts and common objectives that can lead to more business cooperation and technology collaborations in relevant areas involving businesses which are crucial for ensuring sustainability/ longevity of policy objectives.</p> <p>Moderator: Mr. Adriaan Kamp, Founder Director of Energy for One World Venue: FICCI, Federation House, Tansen Marg, New Delhi</p> <p>Separate detailed agenda available.</p>	
1600-1630	High Tea and Networking	
	<i>END OF THE BUSINESS BEYOND BORDERS MISSION</i>	

EU Delegation in Delhi:

Ms. Henriette FAERGEMANN

Delegation of the European Union to India
5/5 Shanti Niketan, New Delhi 110 021, INDIA
Tel. +91 11 6678 1919 ext. 940 / Fax +91 11 6678 1955
Mobile +919818711494
Email: Henriette.FAERGEMANN@eeas.europa.eu

European Business and Technology Centre in Delhi

Mr. Vincent van Noord and Mr. Ranjithkumar Jambulingam

DLTA Complex, South Block, 1, Africa Avenue,
New Delhi 110029, INDIA

Tel. +91 11 3352 1500

Email: noord@ebtc.eu; jambulingam@ebtc.eu