



Tentative Agenda

Day 1 - 24th November, 2021		
Inaugural Ceremony - 13:00 hrs - 14:00 hrs (IST) (Mahogany Hall)		
Moderator: Stefan Gsänger		
13:00 to 13:05	Welcome : Hon. Peter Rae AO, President WWEA	
13:05 to 13:10	Welcome : Dr. Vibha Dhawan , DG, TERI	
13:10 to 13:20	Introduction to WWEC2021 Program: Mr. Stefan Gsänger, Secretary General WWEA	
13:20 to 13:30	Address : Dr. Ajay Mathur, DG , ISA	
13:30 to 13:40	Address : Ms. Gauri Singh, DDG - IRENA	
13:40 to 13:50	Address : Mr. Sumant Sinha, Founder, Chairman and CEO , ReNEW Power	
13:50 to 14:00	Address : Mr. Tulsi Tanti, Founder, Chairman, SUZLON	
14:00 to 14:10	Address : Excellency Hans Jacob Frydenlund Ambassador of Norway	
	Vote of Thanks : NS Prasad, Sr. Fellow, TERI	
Thematic Tracks		
Group A- 14:30 hrs -16:00 hrs (IST)		
Track I : Wind and Solar Power Markets around the World I (Sherman Hall)		
Moderator: Hon. Peter Rae AO		
Andrew Bray	RE Alliance	Australian
Chuichi Arakawa	JWEA	Japan
Yu Giyong	CWEA	China
Jami Hossain	WWEA	India and South Asia Markets
Pranav R Mehta	NSEFI	Indian
Saurabh Motiwala	IFC	Performance evaluation of utility scale solar projects implemented under Gujarat Solar Policy – 2009
Track II : Wind Technology Innovation (Mahogany Hall)		
Moderator: N S Prasad		
Kumaravel Rathnival	Deutsche Windguard	What are the main developments and trends in wind technology?
Wilson Emilio Alvarado Torres	UNMSM	Analysis, modeling, manufacturing and testing of blades made of composite material for a double duct horizontal shaft wind turbine
Edwin Newman		Improving the Efficiency of Savonius Rotors
Rakesh Aggrawal	SVURG Digital System Solutions Pvt Ltd.	Drag cum lift, wind turbine
Daniel Allington	ORE Catapult	Innovation and Research Ecosystem for Offshore Renewables
Track III: Investors Talk: Investment Opportunities and Challenges in partnership with KfW (Casuarina Hall)		
Moderator: Chintan Shah		
Stephanie Rieger	KfW	Key note Address
Simon Stolp	World Bank	Investment opportunities in energy transition in South Asia
Chintan Shah	IREDA	Funding in Indian RE Sector
Amit Rama	Green Investments Group	UK Climate Investment

Arjun Shanker	CSTEP	Perspectives on current de-risking mechanisms impacting India's solar energy sector
Mr. Akhilesh Tilotia	NIIFINIDA	Investment Initiatives in Indian RE Sector
Vinay Kumar	Virescent Infrastructure.	
Group B - 16:30 hrs - 18:00 hrs (IST)		
Track I : Wind and Solar Power Markets Around the World II (Sherman Hall)		
Moderator: Manu Srivastava		
Eugeni Nikolaev		Russian Markets
Zeeshan Ashfaq	WWEA Pakistan	Pakistan Markets
Tanay Sidki Uyar	Eurosolar Turkey	Turkey Markets
Galal Osman	Egypt Wind Energy Association	MENA Markets
Andriy Konechenkov	Ukrainian Wind Energy Association	Ukrainian Markets
Track II : Solar Technology – Latest Developments & Innovations (Mahogany Hall)		
Moderator: Monica Oliphant		
Monica Oliphant		
Ashish Kumar	International Finance Corporation - World Bank Group	Techno-economic assessment of energy storage based solar power generation in India
Hebatullah Megahed	German University in Cairo	Strategy for improving solar still productivity by controlling system parameters
Syed Saqlain Mairaj	Amity University	LED Based Solar Simulator for indoor testing of solar panels
Amarja Hirphode	Diode Ventures	Impacts of Micro-climatic Conditions on Solar Production Estimates
Nahed Mahallawy	The German University in Cairo	Improving the solar selectivity of CoCuMnOx coating via charcoal additive
V Gangadhar Rao	AV Solar	Sustainable Silicon PV Manufacturing Technologies – Why and How
Nidhi Gopal Shrivastava	Jayoti Vidyapeeth Women's University	Study of Solar Photovoltaics System and how it can be implemented in Hydroponics
Track III : Wind and Solar Power in Transportation: roads, rails, shipping, aviation (Casuarina Hall)		
Moderator: Shirish S Garud		
Gavin Alwright	IWSA	Renewable energy in shipping
Ralf Nolting	IASA	Renewable energy in aviation
S Narayan	TERI	Greening the wheels : role of Renewable Energy in fostering EV Ecosystem in India
Haragobinda Baidya	Minority Self Empowerment Foundation	Bangladesh Optimization of Solar Energy System for the Electric Vehicle at Dhaka
Group C - 18:30 hrs - 20:00 hrs (IST)		
Track I : Wind and Solar Power Markets Around the World III (Sherman Hall)		
Moderator: Timo Karl		
Carlo Reeker	German Wind Energy Association BWE	
Davide Astiaso Garcia	Italian Wind Energy Association ANEV	Italian Markets
Khalid Benhamou	Sahara Wind	Maghreb states
Michael Barnard	TFIE	Canada and USA
Hector R.Pagani	Argentine Wind Energy Association	Argentina
Conrado Moreno	Center of Study for Renewable Energy Technologies	Progress and Barriers of Wind Energy Development in Cuba

Track II : Wind resource assessment (Mahogany Hall)

Moderator: Jami Hossain		
Mark Kelly	DTU	"From standard WRA to a standard for uncertainty in WRA".
Mathias Hölzer	Profec Ventus	State of the art and challenges in wind resource assessment
K Boopathy	NIWE	Overview of India's wind resource
Suresh Pillai	ReNewPower	
Sajan Shrestha	Tribhuvan University	Challenges of Harnessing Wind Power over the Kaligandaki River Valley, Nepal

Track III : Batteries for Storage and Electric Vehicles in Collaboration with World Bank (Casuarina Hall)

Moderator: Mani Khurana		
Mani Khurana	World Bank	
Rupesh Agarwal		
Rashi Gupta	Vision Mechatronics Pvt Ltd	
Anish Mandal	Deloitte India	
Mansha Sehgal	Steer Group	
YBK Reddy	SECI	
Dwipen Boruah	GSES	
Randheer Singh	Niti Ayog	
Chaitan Maini	SunMobility	

Day 2 - 25th November, 2021

Plenary: Working together for making transportation based on renewables (Mahogany Hall)

Moderator: Peter Rae AO/ Ashvini Kumar

13:00 to 13:15	Keynote address: A 100 % Renewable Energy World" Excellency Hans-Josef Fell, Energy Watch Group
13:15 to 13:20	Address : Monica Oliphant, ISES
13:20 to 13:25	Address : Marit Brommer, IGA
13:25 to 13:30	Address : Roger Gill, IHA
13:30 to 13:35	Address : Bharadway Kummamuru, WBA
13:40 to 13:45	Address : Excellency, Freddy Svane, Ambassador of Denmark
13:45 to 14:00	Special Address Hon'ble Minister Sri Nitin Gadkari, Minister of Road Transport & Highways
	Q&A

Thematic Tracks

Group A- 14:30 hrs -16:00 hrs (IST)

Track I : Community Energy and Small Businesses in collaboration with the Community Energy Working Group of the IRENA Coalition for Action (Sherman Hall)

Moderator: Stefan Gsänger

Rabia Ferroukhi	IRENA	IRENA White Paper: Community Energy around the World
Kasthoori Rangaian	IWPA	Small businesses in India
Tetsu Iida	ISEP Japan	Community energy in Japan
Timo Karl	WWEA	Strengthen democracy through community energy - also for women?
Mini Govindan	TERI	Powering Women's Collectives: Reflections from a Coastal Community in India

Track II : Offshore Wind: Asia-Pacific (Mahogany Hall)

Moderator: Cristian Valdes Carter

Chuichi Arakawa	JWPA	Offshore wind in Japan
Mr. Desikan Sundararajan	Equinor India	APAC Region
Yu Giyong	CWEA	Offshore wind in China
David Pratt	Marine Scotland	Offshore wind in Scotland
Rajesh Katyal	NIWE	Comparison of Structural Aspects of Monopile and Tripiles for Offshore Observation Platforms
Sunjay Sunjay		Offshore wind turbine installation Geotechnical engineering
John Jacob	IBS Software	Logistics-as-a-service for efficient offshore windfarm logistics)

Track III : Capacity Building and Job Creation in Wind and Solar Manufacturing and Operation (Casuarina Hall)

Moderator: Osman Benchikh

Osman Benchikh	Former RE-UNESCO	A global programme for education in renewable energy
Daniele Pagani	Folkecenter	More than 30 years of capacity building in renewable energy
Praveen Saxena	Skill Council of Green Jobs	
Conrado Moreno	Center of Study for Renewable Energy Technologies,	Program for integrated and sustainable energy development on Cuba focused on renewable energy
Kakha Nadiradze	AFRD Georgia	Raise awareness on Renewable Energy in Georgia
Alex Nielsen	Global Wind, Maersk Training	
Ricard Roberts	SVP Business Development, based in Dubai or Hart Victor, VP Asia based in Singapore	
Vijay Rangachari	Maersk Training	Training and Skill Development

Group B -16:30 hrs -18:00 hrs (IST)		
Track I : Community Energy: Offgrid – Minigrid – Microgrid (Sherman Hall)		
Moderator: Debajit Palit		
Ibrahim Togola	Mali Folkecenter	Minigrids for Africa
Makoto Tajima	ISEP Japan	Agri-Photovoltaics in developing countries
Jeffrey Rugare	Global Solar	Rural electrification in Zimbabwe
SN Srinavas	Ex. REC	
Nikhil Jatain		Mobile containerised Solar PV solution for high outages areas
Track II : Circular Economy and Repowering (Mahogany Hall)		
Moderator: Tobias Winter		
Tobias Winter	IGEF	Repowering
Ishan Purohit	IFC	
Chintan Shah	IREDA	
Annette Nüsslein	RDRWind	Circular economy in the wind industry
Jaideep Malviya	National Solar Thermal Federation	
P K Dash	MNRE	Repowering Perspectives
Track III : Storage systems: pumped hydro, batteries and other systems In partnership with World Bank (Casuarina Hall)		
Moderator: Rahul Walawalkar		
Rahul Walawalkar	CES	Energy Storage technology roadmap and implications for grid
Abhinav Kumar	Solar Energy Corporation of India Limited	Energy Storage Technology: Utilization of abandoned coal mine pits for development of Pumped hydro storage (PSP)
Rajsekhar Budhavarapu	Adhimaatra Clean Energy & Storage Solution Advisors LLP (ACCESS Advisors)	Business models for effecting Firm Renewable Energy (FRE) required for the Energy Transition 2030
Robin Lane	Gravitricity	'Alternative Energy Storage'
Group C - 18:30 hrs -20:00 hrs (IST)		
Track I : Local acceptance for wind and solar (Sherman Hall)		
Moderator: Stefan Gsänger		
Jan Philipp	WPD	Involving citizens and communities in planning processes
Fabrizio Tortora	Falck Renewables	Acceptance through benefit sharing
Patrick Devine	University of Exeter	Wind farms and ownership
Manu Srivastava	Rewa	Grass root challenges
Track II : International and transnational renewable energy initiatives (Mahogany Hall)		
Moderator: Jami Hossian		
	ISA	Global alliances for accelerated solar deployment
Rana Adib	REN21	Renewable energy policies for the 21st century
Peter Rae	REN Alliance	Renewables working together
Track III : Green hydrogen (Casuarina Hall)		
Moderator: Galal Osman		
Harry Lehmann	PtX Lab Lausitz	Hydrogen and resource efficiency
Guy Barnett	Minister for Energy, Government of Tasmania	Going beyond 100% renewable energy: the role of hydrogen
Dipesh Pherwani	India Hydrogen Mission	

John Sheffield	International Hydrogen Association	The role of hydrogen in the global energy transformation
Aaina Dutta	TERI SAS	Energy Transition in Ladakh: A Road Towards Green Hydrogen.

Day 3 - 26th November, 2021

Plenary: CEOs of Wind and Solar companies - 13:00 hrs -14:00 hrs (IST) (Mahogany Hall)

Moderator: Ajay Shanker/ Jami Hossain

- Ashwani Kumar, Suzlon
 - Sujoy Ghosh, First Solar
 - Rajinder Kumar Kaura, Bergen
 - Nanda Kumar Pai, ReNewSys
 - Sanjeev Aggarwal , Amplus
 - Osman Benchikh,
- Keynote Address by Hon'ble MP Sri Suresh Prabhu, MP
 - Q&A

Thematic Tracks

Group A – 14:30 hrs -16:00 hrs (IST)

Track I : Wind power policies: FITs, auctions and other regulatory tools – In Collaboration with IWTMA (Sherman Hall)

Moderator: Jami Hossain/ Dinesh Jagdale

Dinesh Jagdale	MNRE	
Jami Hossain	WWEA	
Martin Fliegenschnee-Jaksch	Austrian Wind Energy Association	Feed-in tariffs and other support schemes for wind power - what is good for our sector
Pratik Prasun	Solar Energy Corporation of India Limited	The renewable revolution in India-an analysis
Sarita Singh	Ambedkar University Delhi	A Primer on Green Electricity Market in India
Jyoti U. Devkota	Kathmandu University, Nepal	Role of location of household and its socio-economic status on energy consumption dynamics in rural Nepal: a categorical data analysis
Salva KK	Madras School of Economics	Investigating the effect of Renewable Energy Adoption: An Environmental Economic perspective

Track II : Small wind technology (Mahogany Hall)

Moderator: Jean- Daniel Pitteloud

Eugeni Krichkova	Unversidad Autonoma Chapingo	New method and device to measure the torque of a small wind turbine
Soren Jegsen	Solid Windpower	Small wind on land and at sea
Ravindranath	Unitron	Waste to Wind Energy
Edwin Newman		Improving the Efficiency of Savonius Rotors
Vaisakh Suresh Kumar	WRI	A methodology for estimating the small and wind potential
Chennupati Sivakumar	Sunplower	

Track III : Wind farm approval processes (Casuarina Hall)

Moderator: Stefan Gsänger

Gadi Hareli	ISRAWEA	An overview: Wind power permitting processes
Stefan Gsänger	WWEA	Wind Power Planning and Permitting Index: an international ranking
John Titchen	Goldwind	Protecting endangered eagles in wind farms
Ashish Swaroop		Approval of wind farms in India
Davide Astiaso Garcia	ANEV	Wind power permitting - the case of Italy

Group B : 16:30 hrs -18:00 hrs (1ST)

Track I : International market practices for renewable energy (Sherman Hall)

Moderator: Tobias Natt/ Ashvini Kumar

Tobias Natt	WWEA	International climate change standards and renewable energy
Chintan Shah	IREDA	International trade and renewable energy
	Enercon	
Karma Sangay	Bhutan	Cross-border electricity trade
Parul Bakshi	Jawaharlal Nehru University	Solar & Wind-driven Energy Transitions: What can India, Japan and Germany learn from one another?

Track II : Small wind: Markets and regulations (Mahogany Hall)

Moderator: NS Prasad

Jean-Daniel Pitteloud	WWEA	The markets for small wind: an overview
Sven Ruin	Teroc	Standards - drivers or barriers for small wind markets?

Mike Bergey	Bergey Windpower	How the US supports small wind
Axel Ceglie-Swoboda (TBC)		Locally manufactured small wind turbines
Track III: Large –scale hybrid systems (Casuarina Hall)		
Moderator: Tanay Sidki Uyar		
Ray Massie	Entura	Large renewable energy hybrid systems in Australia
Rahul Walawalkar	CES	Role of RE+ storage hybrids for achieving RE targets in India"
Mohammed Ansari	TÜV Rheinland India Pvt. Ltd.	Determining Optimal Capacities in a Grid Connected Wind Solar Battery Hybrid Power System
Syed Raahat Ara	Jamia Millia Islamia	Optimization of Hybrid Offshore Wind- Solar PV Plant
Santosh Kumar	Tractebel Engineering Pvt. Ltd.	Techno-economics of Utility Scale Wind-Solar Hybrid Power Projects in India
Neha Kapoor	Indira Gandhi Delhi Technical University for Women	A Review of Hybrid Power Plant based on Solar and Wind Energy
Group C- 18:30 hrs -20:00 hrs (IST)		
Track I : Digitalisation: Markets and Assets (Sherman Hall)		
Moderator: Davide Astiaso Garcia		
Nick Martyniuk	Wepower	Blockchain for power trading
Jan Aengenvoort	Nextkraftwerke	Virtual Power Plant
Guangchong (Alan) Pan	Goldwind	Electricity trading
Yatin Ashtikkar	Brokoli	A sustainable blockchain technology
Track II : Renewable Energy System and Grid Design (Casuarina Hall)		
Moderator: Balaraman/ Chuichi Arakawa		
Siegfried Heier		Getting ready for 100% renewable energy
Balaraman	NIWE	
Emre Leblebicioğlu	Marmara University	
Marifat Majid	Jamia Millia Islamia, New Delhi, India	Challenges and Issues Associated with Grid integration of Renewable Energy Sources
S K Soonee	Former Head POSOCO	Indian Power grid and Renewable future and discuss in panel if needed also may co-chair
Khalid Benhamou	Sahara Wind	
Shirish S Garud	TERI	Responsible energy - A fresh approach towards renewables
Closing Ceremony		