

Presenting Partner



Hall 01



R1
ASIA PACIFIC



R1 (Australia & New Zealand, Singapore, Philippines, Indonesia, Japan, China, South Korea)	
10:00 - 17:30 ACST 09:30 - 17:00 JST & KST 02:30 - 10:00 CET, Singapore	
Time (ACST) 10:00 - 11:30	MANUFACTURING & SUPPLY CHAIN SESSION
Moderator	Stacy Osenbaugh, Commercialization Manager, Future Battery Industries CRC
	Rohit Laumas, Sr. Consultant, Customized Energy Solutions (CES)
	Peng Gao, Vice President, ESS BU, Gotion
	Nicholas Gurnon, Sr. scientist, Polaris labs
11:30-12:00	BREAK
12:00 - 13:30	E-MOBILITY SESSION
Moderator	Anjan Merkap, Consultant - Emerging Technologies, Customized Energy Solutions (CES)
	Dr. Tom Moerenhout, Resident Scholar, School of International and Public Affairs, Columbia University
	Sohail Hasnie, Principal Energy Specialist, Asian Development Bank
	Young-II Lee, Professor, Seoul National University of Science and Technology
13:30 – 14:00	BREAK
14:00 - 15:30	STATIONARY ENERGY STORAGE SESSION
Moderator	Harsh Thacker, Director, Emerging Technologies, Customized Energy Solutions (CES)
	Lisa Ma, China Energy Storage Alliance (CNESA)
	Ben Shepherd, VP Strategy, Reelectrify
	John Wood, Founder, NOAB ventures
	Achal Sondhi, VP, Growth, APAC, Fluence Energy
	Tim Harris, Managing Director & CEO, Redflow
15:30-16:00	BREAK
16:00-17:30	GREEN HYDROGEN SESSION
Moderator	Ohira Eiji, Director – Hydrogen & Fuel Cell, New Energy and Industrial Technology Development Organization (NEDO)
	Knut Linnerud, CEO, Greenstat Asia

Presenting Partner



Hall 02



R2

INDIA, SAARC,
RUSSIA



R2 (India, SAARC, Russia)	
10: 00 – 17: 30 IST 07: 30 – 15: 00 MSK	
Time (IST) 10:00 - 11:30	MANUFACTURING & SUPPLY CHAIN SESSION
Moderator	Sudhendu Sinha, Advisor – Infrastructure Connectivity – Transport & Electric Mobility, Niti Aayog
	Gayatri Dadheech, Chief Technology Officer (CTO), Exide Industries
	Dr. Rahul Walawalkar, President & Managing Director, Customized Energy Solutions (CES), India
	Vijayanand Samudrala, President - New Energy, Amara Raja Batteries
	Vikram Handa, Managing Director, Epsilon Carbon
11:30-12:00	BREAK
12:00 - 13:30	E-MOBILITY SESSION
Moderator	Chaitanya Kanuri, Senior Program Manager - Electric Mobility, World Resources Institute (WRI), India
13:30 - 14:00	BREAK
14:00 - 15:30	STATIONARY ENERGY STORAGE SESSION
Moderator	Netra Walawalkar, Vice President – India Operations, Customized Energy Solutions (CES)
	Dr. Rahul Tongia, Sr. Fellow, Centre for Social & Economic Progress (CSEP)
	Rupam Raja, Market Director- South Asia, Fluence Energy
	Rahul Jain, Head - Energy Storage, Renew Power
15:30-16:00	BREAK
16:00 - 17:30	GREEN HYDROGEN SESSION
Moderator	Pawan Mulukutla, Director – Clean Mobility & Energy Tech, World Resources Institute (WRI), India
	H. E. Ambassador Hans Jacob Frydenlund, Norwegian Embassy in New Delhi
	K. R. Jyothilal, Principal Secretary (Power, Forest, and General Administration), Government of Kerala
	Pawan Mehndiratta, Head – Corporate Centre – Technology & Manufacturing, L&T Green Energy
	Dr. Anurag Pandey, Vice President - Hydrogen Value Chain, New Energy, Reliance Industries Limited

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Hall 01



R3

EUROPE, MIDDLE EAST AND AFRICA



R3 (Europe, UK, Middle East, Africa)

10:30 - 18:00 CEST || 09: 30 – 17: 00 UTC|| 10:30 - 18:00 SAST || 12:30 - 20:00 UAE || 10:30- 18:00 BST

Time (CEST)	MANUFACTURING & SUPPLY CHAIN SESSION
10:30 - 12:00	
Moderator	Ashok Thakur, Editor in Chief, Emerging Technology News, Customize Energy Solutions (CES)
	Robert Colbourn, CEO, Benchmark Mineral Intelligence
	Lars Carlstorm, Founder & CEO, Italtvlt
12:00 - 12:30	BREAK
12:30 - 14:00	E-MOBILITY SESSION
Moderator	Avanthika Satheesh, Industry Research Manager, Customized Energy Solutions (CES)
	Adam Panayi, Managing Director, Rho Motion
	Akash Passey, President, VE Commercial Vehicles
	Kristin Skofteland, Chief Commercial Officer & Legal Counsel, Beyonder
	Roberta Mugellesi Dow, Business Applications Manager, Downstream Business Applications Department, European Space Agency (ESA)
14:00-14:30	BREAK
14:30 - 16:00	STATIONARY ENERGY STORAGE SESSION
Moderator	Alfons Westgeest, General Manager, Association of European Automotive and Industrial Battery Manufacturers (EUROBAT)
	Ole Jakob Sjørdalen, Chief Innovation Officer, PIXII AS
	Chandrashekhar Govindrajalu, Energy Storage Partnership, The World Bank
	Akihiro Kai, Project Manager - Sodium Sulfur Battery, NGK Insulators
	Frederik Sullwald, Head of Sales Utilities & Key Accounts, Intilion
16:00-16:30	BREAK
16:30-18:00	GREEN HYDROGEN SESSION
Moderator	Cristian Carter, Director, Innovation Norway
	Charles Howland, Partner, Curtis, Mallet-Prevost, Colt & Mosle LLP
	Natalie Gupta, Director - Bunkering Yara Clean Ammonia, Yara International ASA
	Bernd Frank, Director, Atotech

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Hall 02



**WORLD ENERGY
STORAGE DAY**
22nd SEPTEMBER

R4

**UNITED STATES,
LATIN AMERICA
AND CANADA**



R4 (USA, Canada, Latin America (Brazil, Chile, Argentina))	
10:30 – 18: 00 EST	
Time (EST) 10:30-12:00	MANUFACTURING & SUPPLY CHAIN SESSION
Moderator	John Fernandes, Senior Consultant, Customized Energy Solutions (CES)
	Naoki Ota, CEO, 24M Technologies
	Dr. Prabhakar Patil, Former CEO, LG Chem, USA
	Venkat Srinivasan, Director, Argonne Collaborative Center for Energy Storage Science (ACCESS)
	Robert Galyen, Former CTO, CATL
12:00-12:30	BREAK
12:30-14:00	E-MOBILITY SESSION
Moderator	Ann Yu, Senior Consultant, Customized Energy Solutions (CES)
	Zach Woogen, Policy Manager, VGIC
	Steven Kaye, CTO, Our Next Energy
	Aviv Tzidon, Chairman, Phinergy & eViation
14:00 – 14:30	BREAK
14:30 - 16:00	GREEN HYDROGEN SESSION
Moderator	Frank Wolak, President, Fuel Cell & Hydrogen Council
	Massi Miliano Cervo, Lecturer, National University of Technology, Argentina
	Nicola de Blasio, Senior Fellow, Harvard University
	Roxana B, Executive Director, United States Hydrogen Alliance (USHA)
16:00 – 16:30	BREAK
16:30 - 18:00	STATIONARY ENERGY STORAGE SESSION
Moderator	Erik Paulson, VP - Wholesale Operations, Customized Energy Solutions
	Curtis Ashton, Director - Training, American Power Systems
	Jason Burwen, Vice President - Energy Storage, American Clean Power Association (ACPA)
	Jacqueline DeRosa, VP - Energy Storage Systems, Ameresco
	John Newton, Principal Regulatory Analyst, East Bay Community Energy

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Hall 02



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WORKSHOP

Hazards associated with battery fires in EV and ESS



Date: September 22, 2022 | Time: 06:30 pm – 08:00 pm IST | 08:00 am – 09:30 am CT | 09:00 am – 10:30 am ET

Workshop description:

Lithium-ion battery fires have become a common occurrence today with the inception of e-mobility (EV) and stationary grid energy storage systems (ESS). Thermal runaway of lithium-ion batteries is accompanied by high temperatures, venting, fire, smoke, and particulate emissions. The gaseous components of the fire and smoke can be above lower flammability limit (LFL) and cause explosions if trapped within a restricted volume as with EV and ESS. Hazards such as cycle life and calendar life aging under extreme environmental conditions can lead to various levels of degradation. Some degradations can lead to hazardous events in the batteries causing thermal runaway and fires.

The presenters at this workshop will cover battery aging hazards and emissions and explosions associated with lithium-ion batteries under off-nominal conditions.

Topic	Speaker
Welcome & Introduction to the workshop	Dr. Judy Jeevarajan, Vice President & Executive Director, Electrochemical Safety Research Institute, UL Research Institutes
Aging and safety for li-ion cells and batteries	Dr. Anna G. Stefanopoulou, William Clay Ford Professor of Technology, Professor of Mechanical Engineering, University of Michigan
Particulate emissions	Dr. Vinay Premnath, Lead Engineer, Particle Science and Technology Section, Southwest Research Institute (SWRI)
Aerosol studies and explosion proof containers related to lithium-ion batteries	Dr. Teresa Barone, Chemical Engineer, National Institute for Occupational Safety and Health (NIOSH) Dr. Thomas Dubaniewicz, Lead General Engineer, National Institute for Occupational Safety and Health (NIOSH)
Plume-rise and dispersion modelling in open surrounding of smoke from large-scale lithium-ion battery fires	Christian Lejon, Research Engineer, Swedish Defense Research Agency (FOI)
	Dr. Thomas Barth, Survival Factors Investigator, Biomechanics Engineer, National Transportation Safety Board (NTSB)
Acknowledgements and Closing Remarks	Dr. Judy Jeevarajan, Vice President & Executive Director, Electrochemical Safety Research Institute, UL Research Institutes

GIGAFACTORY SUPPLY CHAIN WORKSHOP

Date: September 22, 2022 | Time: 16: 00 – 17: 00 IST, 12: 30 – 13: 30 CEST, 06: 30 – 07: 30 EST



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WORKSHOP

Gigafactory Supply Chain



Date: September 22, 2022 | Time: 16: 00 – 17: 00 IST | 12: 30 – 13: 30 CEST | 06: 30 – 07: 30 EST

About the Workshop

The agenda for the discussion is to provide an overview of Giga factory supply chains in the region (Europe / South Africa / Middle east region) . Global demand for lithium-ion based applications such as electric vehicles and grid-scale energy storage is expected to grow tremendously over the upcoming decade. This surge in demand has resulted in the announcement of 40+ lithium-ion battery "Gigafactories" with approx. 1.2TWh of planned capacity. However, the lack of investment and technology development in the upstream supply chain for lithium, nickel, and cobalt battery-grade chemicals could threaten the industry's progress. This talk will explore key steps that industry, academia, and governments could undertake to unlock the opportunities in this rapidly growing industrial supply chain.

Topic	Speaker
Welcome and introduction to the workshop	Harsh Thacker, Director- Emerging Technologies, Customized Energy Solutions (CES)
Global Lithium supply chains and opportunities in south America	Vincent Boissonneault, Independent Consultant, Li-supply chain from South Americas
Global Anode supply chains and opportunities in Europe	Puruvi Poddar, Chief Corporate and BD, Tirupati Graphite
Present scenario, current and future trends, key challenges of Global LIB supply chains	Srinivas Popuri, Managing Partner, SP consulting
Moderated panel discussion	Akash Saraf, Senior Analyst- Emerging Technologies, Customized Energy Solutions (CES)

BATTERY RECYCLING WORKSHOP

Date: September 22, 2022 | Time: 18: 00 – 19: 00 IST, 14: 30 – 15: 30 CEST, 08: 30 – 09: 30 EST



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WORKSHOP

Battery Recycling



Date: September 22, 2022 | Time: Indian Time (IST) - 06:00 PM - 07:00 PM | Central Time (CT) - 08:30 AM - 09:30 AM | European Time (ET) - 02:30 PM - 03:30 PM

About the Workshop

With the growing demand for Electric Vehicles (EV) and Renewable Energy (RE) systems, the requirement for Lithium-ion batteries (LiBs) will increase significantly in the coming years. LiBs have a shelf life and require appropriate treatment post-life. The retired EV batteries can be further used for RE applications. However, due to the absence of a regulatory framework for secondary applications of used EV batteries and a recycling ecosystem, presently, they are being dumped into landfills. LiBs contain valuable metals such as cobalt, nickel, manganese, lithium, graphite, and aluminum. These metals can be recovered up to (and even beyond) 90% with the existing (and new emerging) recycling technologies. Further, some metals are considered hazardous materials that can contaminate the environment and harm human health if not treated appropriately. Developing a battery repurposing and recycling ecosystem will reduce waste volumes and bring cost-effectiveness to large-scale deployment of batteries in RE and other stationary applications. Further, introducing recycled materials into the battery supply chain will help offset the dependence on imports of critical materials.

This workshop will discuss the current battery waste surging in various sectors, the scope of secondary applications, Recycling benefits, the recycling ecosystem (Global and Indian), associated challenges, policy, regulatory frameworks, etc.

Topic	Speaker
Welcome Remarks and Introduction to the Session	TBD
Global Recycling Ecosystem (Technology Trends, Economics, Recycling Capabilities, Developments in Technology, Associated challenges, etc.)	Mr. Leon Farrant, CEO & Co-Founder, Green Li-ion
Need for Recycling in the EU, and overview of second-life batteries	Dr. Claude Chanson, General Manager, Recharge Batteries
Recycling Ecosystem in India (Technology Trends, Economics, Recycling Capabilities, Challenges, etc.)	Mr. Utkarsh Singh, CEO, BatX Energies
Regulations for battery waste management in India	Mr. Bhupesh Verma, Manager—Market Research, India Energy Storage Alliance
Concluding Remarks	TBD

MINIGRID & SOCIAL EQUITY WORKSHOP

Date: September 22, 2022 | Time: 20: 00 - 21: 00 IST, 16: 30 – 17: 30 CEST, 10: 30 – 11: 30 EST



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WORKSHOP

Minigrid and Social Equity



Date: September 22, 2022 | Time: 20: 00 – 21: 00 IST | 16: 30 – 17: 30 CEST | 10: 30 – 11: 30 EST

About the Workshop

Minigrids over the years have been instrumental in addressing energy access to millions of people across the world. We can classify minigrid development over the years into three phases. First phase was mostly driven by Government agencies setting up the minigrids where national electricity infrastructure is unable to penetrate and light those far-flung areas across difficult terrain, islands, and high-altitude regions. In second phase, public private partnership model evolved to further enhances the utility of the minigrids by not just addressing energy access issue but also using clean and reliable energy for powering small business by developing a concept of ABC model (Anchor load, Businesses and Communities). These phase of minigrid development and penetration was not only for powering basic lighting loads but also experimenting with different Productive End Use Applications (PEUA). Most of the PEUA have been successfully demonstrated but needs through evaluation in terms of scaling up potential, access to finance for setting up PEUA, developing robust market linkages and capacity building of local communities to operate these PEUA. From demonstration to successful deployment of PEUA would require number of stakeholders coming together to address issues mentioned above for successful roll out of PEUA for the minigrids.

In the workshop at World Energy Storage Day 2022 discussion would be more about successful PEUA that have been deployed by minigrids operators and hear from them opportunities, impacts challenges they foresee in making PEUA an integral part of minigrids for transforming rural economic landscape.

Moderator	Dr. Imre Gyuk, Director of Energy Storage Research - Office of Electricity, U. S. Department of Energy
	Juliet Pumpuni, Senior Energy Specialist, Energy Sector Management Assistance Program (ESMAP), The World Bank
	Jens Jager, Director - Policy and Business Development, Alliance for Rural Electrification (ARE)
	Kapil Seth, Director and Co-founder, Mandalay Yoma
	Gopi Krishna, Director, EmSyS Electronics
	Nitin Akhade, Consultant and Program Manager - Rural Electrification and Livelihoods, Customized Energy Solutions India (CES)

ENERGY STORAGE MODELING & OPTIMIZATION WORKSHOP

Date: September 22, 2022 | Time: 22: 00 - 23: 00 IST, 18: 30 – 19: 30 CEST, 12: 30 – 13: 30 EST



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WORKSHOP

Energy Storage Modeling: From Planning to Operations



Date: September 22, 2022 | Time: 22: 00 - 23: 00 IST, 18: 30 – 19: 30 CEST, 12: 30 – 13: 30 EST

About the Workshop

As more and more renewables are getting integrated grid operations are becoming complex. Energy storage is a versatile technology that can bring needed flexibility. Storage can serve as peaking capacity, can provide ancillary services as well as operate as a transmission and distribution asset. However, energy storage is an energy-limited resource that creates a need for careful modeling to optimize the operation and maximize the value of the asset. Powered by CES' proprietary modeling platform CoMETS, this workshop brings practitioners approach to modeling and share examples of energy storage modeling for planning, investment decisions as well as operations.

The workshop will cover

- » Planning with production cost modeling:
- » Modeling for investment decisions:
- » Optimization in storage daily operations:

Who should Attend?

Electric industry professionals with experience in system planning processes, project developers, investors as well as financial analysts considering storage as an investment option.

Workshop Structure

- » Planning with Production Cost Modeling
- » Modeling for Investment Decisions
- » Optimization in Storage Daily Operations



Free to attend



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Moderator	Jatin Sarode, Senior Analyst, Customized Energy Solutions
	Vijay CS, Senior Analyst, Customized Energy Solutions (CES)
	Joel Berger, Senior Consultant, Customized Energy Solutions (CES)

URBAN AIR MOBILITY WORKSHOP

Date: September 22, 2022 | Time: 22: 00 - 23: 00 IST, 18: 30 – 19: 30 CEST, 12: 30 – 13: 30 EST



WORKSHOP

Urban Air Mobility (UAM)



Date: September 22, 2022 | Time: Japan Time - 01:30 AM - 02:30 AM | Indian Time (IST) - 10:00 PM - 11:00 PM | Central European Time - 6:30 PM - 7:30 PM | US EST - 12:30:00 PM - 1:30:00 PM

About the Workshop

Urban air mobility is developing at a rapid pace in India. India has witnessed a 34.4% surge in the number of drone or UAV startups between August 2021 (157 startups) and February 2022 (221 drone startups). Drones are also significantly being used by law enforcement agencies and for real-time monitoring of COVID-19 hotspots and containment zones to ensure strict compliance with lockdown guidelines. From SVAMITVA (Survey of villages and mapping with improvised technology in village areas) scheme of mapping out the Abadi areas to get residents' property cards to drone-based surveillance system for Railway Security, the rapidly expanding use of drones has prompted the DGCA to formulate new rules and regulations to govern the civilian use of drones in India.

The Drone Rules 2021 ("Drone Rules") is a supersession of the earlier existing Unmanned Aircraft System (UAS) Rules, notified in March, 2021. The central government believed the new rules to be a much more liberalized regime for unmanned aircraft systems than what existed previously. One notable change is that the coverage of drones under Drone Rules has been increased from 300kg to 500kg and will cover drone taxis. "The new Drone Rules will tremendously help start-ups and our youth working in this sector. It will open up new possibilities for innovation & business.

In September 2021, the Union Cabinet also cleared the production-linked incentive (PLI) scheme that shall provide incentives up to 20% to the manufacturers of drones and drone components over the value addition that they make. The union government has taken a serious paradigm shift to the drone industry by announcing 'Drone Shakti' in Budget 2022.

Topic	Speaker
Introduction on UAM	Venkat Viswanathan, Associate Professor, Carnegie Mellon University - Moderator
Which sector do you believe would be the leading area in next 5 years	Prem Kumar Vislawath, Founder & CEO, Marut Drones
How is DUMS contributing in UAM space and how UAM would help in decarbonization	R. Krishna Kumar, CTO, Dhaksha Unmanned System (DUMS)
How far along is human transportation	Felipe Varon, Founder and CEO, Varon Vehicles Corporation
Moderated panel discussion	Venkat Viswanathan, Associate Professor, Carnegie Mellon University Venkat Viswanathan, Associate Professor, Carnegie Mellon University

LONG DURATION ENERGY STORAGE WORKSHOP

Date: September 22, 2022 | Time: 00: 00 - 01: 00 IST, 20: 30 – 21: 30 CEST, 14: 30 – 15: 30 EST



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WORKSHOP

Long Duration Energy Storage



About the Workshop

From materials to markets, innovations at all stages will be required to deploy the next generation of long-duration energy storage systems. The Department of Energy (DOE) representatives along with industry leaders will hold mini panels on foundational innovations, technologies beyond lithium-ion, and the process from scaling to commercialization. This workshop will serve as a guide to the next generation of energy storage.

This workshop will include:

- » Understanding of battery fire safety, especially in the EV and ESS sectors
- » Safety hazards and challenges of lithium-ion batteries
- » Modeling and simulation of lithium-ion battery fires
- » Battery fire characterization

Moderator	Dr. Imre Gyuk, Director of Energy Storage Research - Office of Electricity, U. S. Department of Energy
	Julia Souder, Executive Director, Long Duration Energy Storage Council (LDESC)
	Curtis VanWalleghem, CEO, Hydrostor
	Phil Delleville, MD, Product Development, Strategy & Operations, Malta

Hall 04

WORKFORCE DEVELOPMENT & JOBS WORKSHOP

Date: September 22, 2022 | Time: 22: 00 - 23: 00 IST, 18: 30 – 19: 30 CEST, 12: 30 – 13: 30 EST



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WORKSHOP

Workforce Development and Jobs in Energy Storage



Date: September 22, 2022 | Time: Japan Time - 01:30 am - 02:30 am | 10:00 pm - 11:00 pm IST | 06:30 pm - 07:30 pm CT | 12:30 pm - 01:30 pm ET

About the Workshop

The energy ecosystems are undergoing a dynamic transition globally. Energy storage and thus its use for stationary and mobile applications is rapidly evolving. Multi Gigafactories are coming across the globe. As we dive into energy storage manufacturing and accelerate production and usage of energy storage systems, it becomes critical to build a strong skilled workforce.

On this background, World Energy Storage Day (WESD) is organizing a workshop to create awareness regarding the need for skilled workforce. We invite all early career working professionals and students to attend this workshop. The workshop is supported by IESA Academy and Volta Foundation. We believe the awareness through this workshop will further accelerate partnerships between industry and academia to create and drive a healthy learning ecosystem in energy storage space.

Workshop structure

Topic	Speaker
Welcome and Introduction to the Workshop	Yen T. Yeh, Executive Director, Volta Foundation
Challenging skill sets and strategies to overcome lack of skilled workforce	Matt Anders, Divisional Manager, Piper Maddox
Why is skilling required in EV?	Ashoka Kumar, Senior Consultant, Axiscades Engineering Technologies Ltd
TBD	Akshay Gill, Director, Makermax Inc.
Efforts by IESA Academy to bridge the skill-gap	Aditi Pathak, Assistant Manager, IESA Academy
Questions by Moderator to the Speakers	Yen T. Yeh, Executive Director, Volta Foundation
Acknowledgements and Closing Remarks	Yen T. Yeh, Executive Director, Volta Foundation

FOR FURTHER QUERIES, CONTACT Tushar Kakade | E-mail: contact@indiaesa.info

Hall 03

SOLAR + STORAGE WORKSHOP

Date: September 22, 2022 | Time: 12: 00 - 13: 00 IST, 08: 30 – 09: 30 CEST, 02: 30 – 03: 30 EST



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WORKSHOP

Solar + Energy Storage

Date: September 22, 2022 | Time: 12: 00 – 13: 00 IST, 08: 30 – 09: 30 CEST, 02: 30 – 03: 30 EST

About the Workshop

With the rise of renewable energy, specifically solar the demand for storage solutions is growing rapidly. The future of the energy infrastructure lies in smart storage solutions for diverse market applications including solar shifting, smoothing, and ramp control and grid stability seamlessly combining premium hardware, advanced software and reliable services. With the fast development of mechanical and electro-chemical energy storage technologies, storage can strongly support the transition to solar energy. Energy storage is the missing piece of the energy transition puzzle. As the energy industry warms up to these technologies, utilities, developers, consumers, and power producers across the globe adopting and installing energy storage systems from kW-level to GW level.

In this workshop, global thought leaders and industry stalwarts will present and discuss about technology, applications, and market for solar + energy storage integration. The workshop will cover case studies from rooftop solar to grid scale project and pumped hydro technologies to advanced li-ion and emerging electro-chemical batteries.

Free to attend

Who Should Attend

- » Renewable energy professionals (solar, wind)
- » Energy storage companies
- » Technology provider, power electronics companies
- » Regulators, policymakers and think-tank



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Moderator	Subrahmanyam Pulipaka, CEO, National Solar Energy Federation of India (NSEFI)
	Alexander Hogeveen Rutter, Private Sector Specialist, International Solar Alliance (ISA)
	Dr. Bharat Reddy, Additional General Manager, Solar Energy Corporation of India (SECI)
	Bindu Madhavi, Director-Policy & Regulatory, India Energy Storage Alliance (IESA)

Hall 03

WOMEN IN ENERGY ROUNDTABLE

Date: September 22, 2022 | Time: 14: 00 - 15: 00 IST, 10: 30 – 11: 30 CEST, 04: 30 – 05: 30 EST



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ROUNDTABLE

The Role of Women in Energy Transition



Date: September 22, 2022 | Time: 02:00 P.M. – 03:30 P.M. IST | 10:30 A.M. – 12:00 P.M. Central EU Time | 04:30 A.M. – 06:00 A.M. US EST

About the Workshop

The “Women in Energy” session proceedings will reflect upon the role, opportunities, and barriers for women in the ongoing energy transition and transition toward electric mobility. The panelist will shed light on how the shift toward a greener grid and cleaner transportation has allowed newer opportunities for women to emerge, exchange learnings from global experiences, and share pathways and measures that have helped in unlocking women’s potential in the ongoing clean energy and EV transition.

Key points for discussion:

- » Potential/scope for women in new energy sectors
- » Access and barriers for women
- » How can policy decisions impact opportunities for women; policy measures to support women
- » How do energy partnerships work? How do they enable women?
- » Need for advocacy, awareness, and networking

Free to attend



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Tushar Kakade | E-mail: contact@indiaesa.info

Moderator	Disha Agarwal, Program Lead – Renewables, The Council on Energy, Environment and Water (CEEW)
Keynote Speaker	Isabel Chatterton, Regional Industry Director for Global Infra, APAC, IFC, International Finance Corporation (IFC)
Keynote Speaker	Christine Lins, Executive Director, GWNET
	Selamawit Beneberu, Senior Energy Advisor and Staff representative @ GIZ Energy Program Ethiopia, Vice chairperson of Ethiopian women in Energy, GIZ Energy Program, Ethiopia
	Bindu Polumahanti, Director, Policy & Regulatory, IESA



WORLD ENERGY STORAGE DAY
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GLOBAL START-UP SHOWCASE 2.0

Pitch Day on 22nd September, 2022

SMART ENERGY | ENERGY STORAGE | ELECTRIC MOBILITY | ENERGY ACCESS | GREEN HYDROGEN | IOT

World Energy Storage Day (WESD) 2022 brings an exciting opportunity for start-ups across the globe to showcase their product and technologies to key industry stakeholders at the WESD 2022 – Virtual Global Conference & Expo on 22nd September 2022. The Global Start-up Show-case is an initiative under the Global Start-up Outreach Program piloted by Customized Energy Solutions



Topic	Speakers
Introduction	Debi Prasad Dash, Executive Director, IESA
Keynote Session: Global drive for Net Zero and opportunities for Start-ups to make an impact in changing the status quo	Prof. Ashok Jhunjhunwala, President IIT Madras Research Park, IITM Incubation Cell and RTBI
Start-up Pitch Session 1	<ul style="list-style-type: none"> LINA ENERGY TRINANO TECHNOLOGIES PVT. LTD. AGRIVIJAY SOLID T MACLEC SHERU
IESA Start-up and Innovation Initiative	<ul style="list-style-type: none"> Kumar Shivam Kashyap, Manager, IESA Veena Hejmadi, Asst Manager, IESA
Keynote Session: UNIDO FLCTD Innovation Program	Sandeep Tandon, Country Programme Manager, FLCTD, UNIDO
Break	
Investors' Panel Discussion: Important characteristics of a Start-up from an Investors' perspective	<ul style="list-style-type: none"> Moderator: CES India/ IESA Alipt Sharma, Managing Director, GEF Capital John Wood, Founder, NOAB Ventures Kasturi Gomatham, Deal Principal, M&A, Renewables and Energy Solutions, Shell Siddharth Mehta, Investment Director, India, TDK Ventures Shreyansh Singhal, VP Investments, Ankur Capital Sachin Tagra, Partner, JSW Ventures + other Key investors (to be confirmed)
Pitch Session 2	<ul style="list-style-type: none"> BRISE CHEMICALS PVT LTD ZVS INTERNATIONAL PVT LTD ONE POINT FIVE DC PRIVATE LIMITED WINDSOHY, LLC PERRYMAN TECHNOLOGIES RESEARCH EARTHEN
Conclusion Remarks	Kumar Shivam Kashyap, Manager, IESA