



IESW
India Energy Storage Week

INDIA ENERGY STORAGE WEEK

INTERNATIONAL CONFERENCE & EXHIBITION ON
ENERGY STORAGE, EV & MICROGRIDS IN INDIA

02 Nov – 06 Nov 2020

VIRTUAL CONFERENCE AND EXHIBITION



www.iesw.in

www.energystorageweek.in

India Energy Storage Week (IESW)

Virtual Conference & Expo



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VIRTUAL CONFERENCE AND EXHIBITION

2nd Nov | Monday

**Pre-Conference
Workshop / Masterclass**

IESA Annual Members Meeting

3rd Nov | Tuesday

**Atmanirbhar Bharat –
Energy Storage & EV Manufacturing**

CXO Roundtable

IESA Industry Excellence Awards

Virtual Expo

4th Nov | Wednesday

**Stationary Energy Storage
India (SESI)**

Women in EV & Energy Storage Forum

Country/State Roundtable

Virtual Expo

5th Nov | Thursday

**e-Mobility (Electric Vehicle
& Charging Infra)**

Buyer-Seller Forum

Country/State Roundtable

Virtual Expo

6th Nov | Friday

Energy Storage & EV R&D Summit

**Energy Storage & EV Investment
Summit**

Start Up Competition

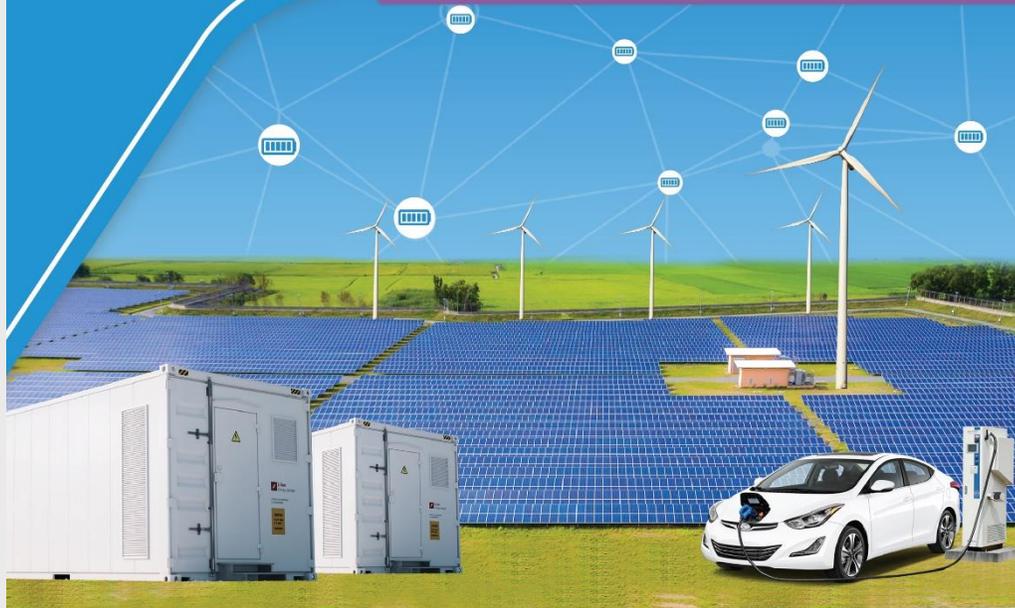


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Energy Storage & EV R&D Summit

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Start Up Competition

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VIRTUAL CONFERENCE AND EXHIBITION

PROGRAMME SCHEDULE

Pre-Conference Workshop / Masterclass

Energy Storage 101
Electric Mobility & Charging Infra 101
Energy Storage Applications
Energy Storage Modelling (Hands-On)
Manufacturing of Li-Ion Cell & Pack
Standards & Testing, Safety & Performance
Project Finance & Investment
Country Workshops

Stationary Energy Storage India (SESI)

Regulatory & Policy on eMobility & Energy Storage
Energy Storage Systems for Grid
Behind the Meter (BTM) ESS
MICRO (Microgrid Initiative for Campus & Rural Opportunities)
International Panel - Global Experience
Beyond Batteries (Mechanical Storage, thermal storage, pumped hydro, flywheel, gravity storage etc.)
India Projects on Energy Storage

Energy Storage & EV R&D Summit

Advanced Energy Storage Technologie
Indian R&D Ecosystem & Industry- Academic Partnership
Materials level R&D activities (TRL = 1-4)
Cell prototyping and battery management (TRL = 5-7)
Emerging Application of Energy Storage
National and International Experience in Technology Commercialization
Technology Transfer & Patent Acquisition
Safety & performance consideration of battery in Indian Condition

Atmanirbhar Bharat – Energy Storage & EV Manufacturing

Regulatory & Policy on Advanced Energy Storage Manufacturing
Supply Chain (Raw materials, equipment & Components)
Global Manufacturing Ecosystem
Recycle & Reuse (Second life of battery packs and Recycling)
Skill Development & Capacity Building
Make in India (CXOs Prospective on Indigenous Manufacturing)

E-Mobility (Electric Vehicle & Charging Infra)

Regulatory & Policy on Electric Mobility
Electric Mobility 360 (OEM's Prospective e2W, e3W, e4W, commercial passenger EV)
Beyond EV Components, Power train & Opportunities for Indian Manufacturers
Charging infrastructure & Swapping
Beyond Road Transport (Perial transportation, Electric Boats etc.)

Energy Storage & eMobility Investment Summit

Global investment in energy storage & eMobility
Market Updates (Merger & Acquisition)
Start-Up Pitch



Advisory Board Members



Anant Nahata,
Managing Director, EXICOM
Power Solutions



Dr. Ashwini K Aggarwal,
Director,
Applied Materials India



George Dudley
International Engagement Manager
China Energy Storage Alliance
(CNESA)



Jitendra Kulkarni,
Vice President – Innovations,
SB Energy



Jacqueline DeRosa,
VP, BESS, Ameresco,
Secretary & Board Member,
ESA-USA



Pankaj Batra,
Ex-Chairperson (I/c) & Member
(Planning), CEA and Chairperson,
BIS Committee of LITD 10



PATRICK CLERENS
Secretary General
European Association for
Storage of Energy (EASE)



Dr. Rahul Walawalkar
MD, CES (India)
President, IESA,
Chair, GESA



Rajendra Shrivastav,
President,
AES India Private Limited



Sanjay Banga,
President (T&D),
Tata Power



Sameer Gupta,
Chairman & MD,
Jakson Group



Dr. Sajid Mubashir,
Scientist G, Dept. Science &
Technology, EV-R&D Mission | EV-
Charging-Standards



Saurabh Kumar,
Vice Chairman,
EESL Group of
companies



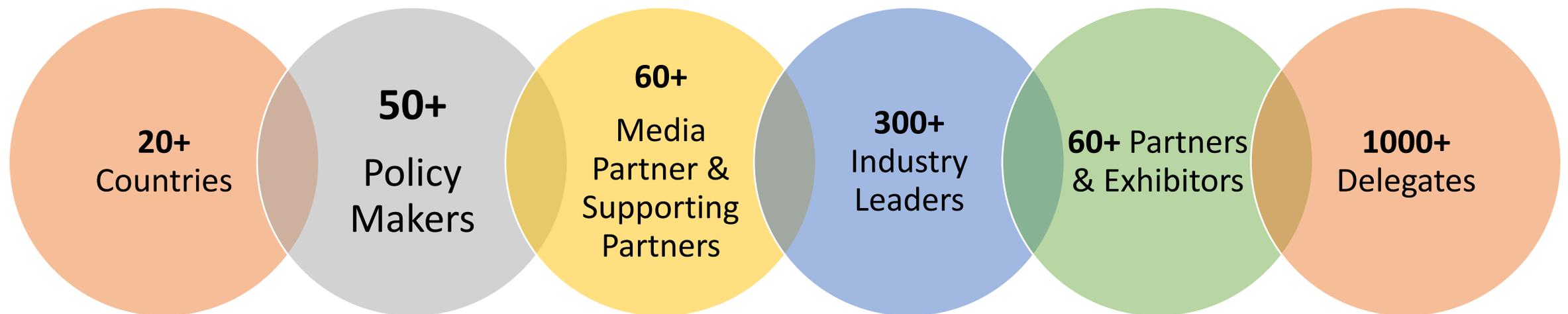
Stephen Fernands
Founder & President,
Customized Energy
Solutions



Sunil Jain,
CEO & Executive Director
Hero Future Energies

India Energy Storage Week (IESW) is a flagship international conference & expo by India Energy Storage Alliance (IESA), will be held from 2nd – 6th November. It is India's premier B2B networking & business event focused on renewable energy, advanced batteries, alternate energy storage solutions, electric vehicles, charging infrastructure and microgrids ecosystem.

Goal of IESW is to help accelerate R&D, manufacturing and adoption of advanced energy storage and eMobility technologies in India. IESA annual conference (previously called as Energy Storage India) always attracts national and global participation. With the recent developments related to COVID19 and government announcement of energy storage manufacturing as a new Champion Sector, IESW2020 has assumed more significance this year.





Key Highlights of the IESW2020

Energy Storage
& EV, R&D
Summit

Masterclass &
Workshops

IESA Annual
Members
Meeting

Recycle & Reuse
(Second life of
battery) Forum

Roundtable on
Standards &
Testing, Safety &
Performance

CXO Roundtable

Global Energy
Storage & EV
Forum

Renewable
Integration
Session

Make in India &
Manufacturing
Assembly

IESA Annual
Members
Meeting

Track on Electric
Mobility 360

Beyond Batteries
Session

Women in EV &
Energy Storage
Forum

Start-Up Pitch &
Start-Up Awards

Energy Storage
& EV Investment
Summit

Industry Excellence Awards

Revised Event Structure

Pre-Conference Workshop / Masterclass IESA Annual Members Meeting	Atmanirbhar Baharat – Energy Storage & EV Manufacturing (Make in India) ----- CXO Roundtable ----- IESA Industry Excellence Awards	Stationary Energy Storage India (SESI) ----- Women in EV & Energy Storage Forum ----- Country/State Roundtable	eMobility (Electric Vehicle & Charging Infra) ----- Buyer-Seller Forum ----- Country/State Roundtable	Energy Storage & EV R&D Summit ----- Energy Storage & EV Investment Summit & Start Up Competition
	Virtual Expo			
2nd Nov (Monday)	3rd Nov (Tuesday)	4th Nov (Wednesday)	5th Nov (Thursday)	6th Nov (Friday)



2nd Nov (Monday)	Pre-Conference Workshop / Masterclass
	Energy Storage 101
	Electric Mobility & Charging Infra 101
	Energy Storage Applications
	Energy Storage Modelling (Hands-On)
	Manufacturing of Li-Ion Cell & Pack
	Standards & Testing, Safety & Performance
	Project Finance & Investment
	Country Workshops
3rd November (Tuesday)	Atmanirbhar Bharat – Energy Storage & EV Manufacturing (Make in India)
	Regulatory & Policy on Advanced Energy Storage Manufacturing
	Supply Chain (Raw materials, equipment & Components)
	Global Manufacturing Ecosystem
	Recycle & Reuse (Second life of battery packs and Recycling)
	Skill Development & Capacity Building
	Make In India (CXOs Prospective on Indigenous Manufacturing)
4th November (Wednesday)	Stationary Energy Storage India (SESI)
	Regulatory & Policy on Stationary Energy Storage
	Energy Storage Systems for Grid
	Behind the Meter (BTM) ESS
	MICRO (Microgrid Initiative for Campus & Rural Opportunities)
	International Panel - Global Experience
	Beyond Batteries (Mechanical Storage, thermal storage, pumped hydro, flywheel, gravity storage etc.)
	India Projects on Energy Storage

5th November (Thursday)	E-Mobility (Electric Vehicle & Charging Infra)
	Regulatory & Policy on Electric Mobility
	Electric Mobility 360 (OEM's Prospective e2W, e3W, e4W, commercial passenger EV)
	EV Components, Power train & Opportunities for Indian Manufacturers
	Charging infrastructure & Swapping
	Beyond Road Transport (Aerial transportation, Electric Boats etc.)
	EV Adoptions in India & Users Prospective
6th November (Friday)	Energy Storage & eMobility Investment Summit
	Global investment in energy storage & eMobility
	Market Updates (Merger & Acquisition)
	Start-Up Pitch
6th November (Friday)	Energy Storage & EV R&D Summit
	Advanced Energy Storage Technologies
	Indian R&D Ecosystem & Industry- Academic Partnership
	Materials level R&D activities (TRL = 1-4)
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	Emerging Application of Energy Storage
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Supporting Partner



A collection of logos for supporting partners, arranged in two rows. The top row includes: Alliance for an Energy Efficient Economy (ae ee), Alliance for Rural Electrification (stylized waves), CNESA China Energy Storage Alliance, GESA Global Energy Storage Alliance (stylized globe), and EASE European Association for Storage of Energy (circular arrows). The bottom row includes: iggf Indo-German Energy Forum (stylized letters), ISGF India Smart Grid Forum (stylized letters with a lightning bolt), NSEFI NATIONAL SOLAR ENERGY FEDERATION OF INDIA MAKING SOLAR ENERGY AFFORDABLE (stylized sun and map of India), and EASE European Association for Storage of Energy (circular arrows).

Media Partner



A collection of logos for media partners, arranged in a single row. From left to right: energetica INDIA (stylized orange text), EPC World (stylized letters with vertical lines), EVreporter.com (stylized car with lightning bolt), sustainabilitynext PROFIT FOR GOOD (stylized letters on a dark background), and a stylized blue and green circular logo.

IESW Team

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