

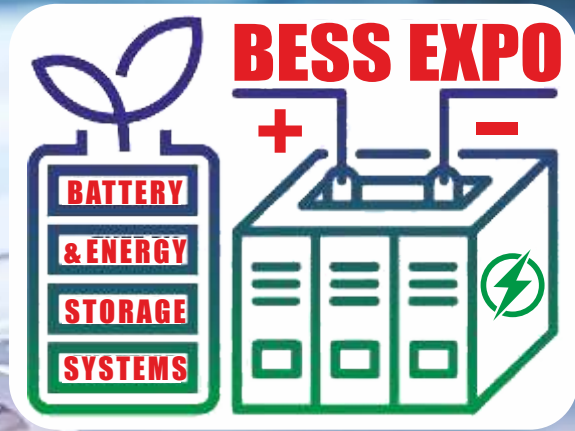


Special Thanks

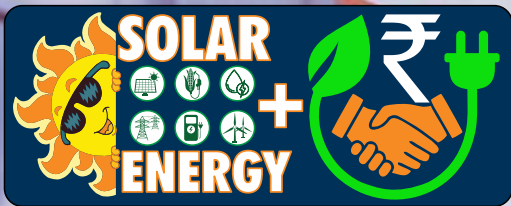
Related Ministries of
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आज़ादी का
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The Region's Biggest
B2B & B2C Event for
**BATTERY &
ENERGY STORAGE
SYSTEMS & Related Sectors**



CO-LOCATED EVENTS



**3 - 5 SEPTEMBER 2024
KALA ACADEMY, PANAJI, GOA**



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India Races to Meet International Obligations
* India's Installed RE Capacity - 170 GW in 2023
* Much Below COP26 Target - 500 GW by 2030



EV + BESS IS ELECTRIFYING

The global Battery Energy Storage Systems (BESS) market size was valued at US \$ 3270.06 Million in 2022 and is expected to grow at a CAGR of 17.59% to be US \$ 8644.19 million by 2028. The Government of India has approved the Scheme for Viability Gap Funding for the battery energy storage systems (BESS) industry, with a goal of developing 4000 MWh worth BESS projects by 2030-31.

The domestic Battery Market is poised to grow at CAGR @ 15% by 2027 and is directly proportionate to increasing demand of EVs in the country. India's Annual Battery Market Could Surpass US \$ 15 Billion by 2030 according to NITI Aayog Report | Mercom India. The market for recycled EV batteries in India is predicted to reach 128 GWh by 2030.

According to The Central Electricity Authority's Optimal Energy Mix report - India's BESS market set to soar to 208 GWh by 2030. India's Advanced Chemistry Cell (ACC) battery market, which could surpass an annual value of US \$ 15 Billion by 2030. Domestic EV sales are estimated to be over 9 million units by 2027 and India's EV industry attracted an investment of US \$ 6 Billion in 2021. It could rise to US \$ 20 Billion by 2030.

With an initial BESS allocation of INR 94 billion (US \$ 1.129 Billion), including budgetary support of INR 37.6 billion (US \$ 451.95 Million), the BESS Scheme underscores the government's dedication to sustainable energy solutions.

Niti Aayog projects EV sales to be 70% for commercial vehicles, 40% for buses and 80% for 2 and 4 wheelers by 2030. The EV industry is creating over 10 million direct and 50 million indirect jobs by 2030 - VCA-EY-Induslaw report

EV Valuation at US \$ 1.4 Billion in 2021 is expected to register a CAGR of 47.09 % during the FY 2022-2027. The Government has approved the Production Linked Incentive (PLI) to the 'National Programme on Advanced Chemistry Cell (ACC) Battery Storage' for achieving manufacturing capacity of Fifty (50) Giga Watt Hour (Gwh).

The Government of India has notified the Phased Manufacturing Program (PMP) to promote indigenous manufacturing of EVs and components. The Union Budget for FY23 boosted the EV sector further by increasing the fund allocation for the FAME scheme over three-fold to US \$ 365 Million.



EXHIBITOR PROFILE

All Batteries | Battery Testing | Recycling | Charging Infra | Laser & Welding | Battery Packs | Assembly Lines | IoT & IT Solutions | Embedded & Electronics Accessories | Lead Batteries | Lithium-Ion Batteries | Machinery & Plant | Lead Oxide | Alkaline Or Li-Ion Battery | Rechargeable Battery | Electronics Battery | Nickel-Zinc Batteries | Thermal Battery | Solar Battery | Nickle, Zinc & Manganese | Data Terminal Battery | Sealed Lead Acid Battery | Fuel Cells | Silver-Zinc Battery | EPC For Energy Storage | Large-scale Microgrid | Storage & Supply Systems | Distributed Energy | Equipment & Technologies | Home Energy Storage | PCS Storage Energy | Inverters & UPS | Generators | Communication Base Station | Industrial Energy Storage | Charge Power Plant | Electric Cars | All EV & Mobility | BMS (Battery Management System) | Components & Raw Materials | Management Systems | Power Batteries | Processing Equipment | Battery Environmental Protection | Smart Chargers | EV Charging Stations | Battery Chargers | Production & Testing | Processing Lines Equipment | Battery Products | Automatic Packaging Machines | Marking Machines | Labelling Machines | Battery Research | Testing Battery Performance | BMS Protection Boards | Solid-State Battery | Supercapacitor | Battery Swapping | Hydrogen Energy | R&D, Components & Spares | Fuel Cells & Motors | Prototyping | Instrumentation Technology



INDUSTRY SCENARIO

The Indian BESS market is categorized into segments based on two key factors: battery type (including lithium-ion, lead-acid, flow, and other battery types) and connection type (on-grid and off-grid).

India's battery energy storage systems market displays a moderate degree of fragmentation. Some key players are Toshiba Corporation, AES Corporation, Exide Industries Ltd, Delta Electronics Inc., and the Amara Raja Group. The global Electric Vehicle (EV) battery market alone is estimated to go full throttle from US \$ 49.22 Billion in 2022 to US \$ 98.97 Billion by 2029.

Internationally, country's are committed to increasing electrification, decreasing dependence on fossil fuel imports and focusing on renewables to beat the green house emissions. All of which makes adoption of electric mobility worldwide an imperative.

India is committed not only to incentives for the transition to EVs, but is also focussing on increasing charging stations putting in place an EV ecosystem to meet its COP26 emission-free mobility and climate change obligations. All related sectors like EVs, Batteries, LED Lighting, etc. are bound to see rapid growth.

Original Equipment Manufacturers (OEMs) are factoring huge growth not just in the domestic market, but also globally for all products related to EVs and electric transportation.



WHY EXHIBIT & VISIT

- © Region's Biggest Battery & EV Event
- © Over 200 Brands & Service Providers
- © Display your products and launch new ones
- © Connect with buyers & sellers to boost business
- © Explore the entire energy ecosystem under 1 roof
- © Survey current market potential & trends to get feedback
- © Interact with all stakeholders of the EV, battery community
- © Meet with the trade, buyers, investors for tie-ups & joint ventures
- © Network with experts, professionals & government officials to benefit
- © Learn of schemes, initiatives, incentives, innovations & advancements
- © Increase battery efficiency, reduce energy costs & get better production

VISITOR PROFILE

Battery pack assemblers | Engineering service providers | Fleet vehicle operators | HNI end-users | UPS battery testers | Technology experts | Power producers | Battery machinery | Renewable energy professionals | Solar inverters companies | Battery plate chargers personnel | Mining and construction engineers | Importers & exporters | Traders & distributors | CNFs, stockists & retailers | All types of engineers | Renewable energy personnel | Government decision makers | AMC, contractors & consultants | Designers, assemblers & buyers | Integrators, automotive manufacturers





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Trinity, incorporated in 1994, has over the last almost 25 years emerged as India's pioneers and premium producers of International B2B, trade, technology business and specialized events.. Trinity has been official event managers for many world shows, including for the Government of Sri Lanka's TRADMED International Expo & Conference, and also produced the Made in India Expo with the Government of Mauritius, inaugurated by H.E. Vyapoori, then Mauritian President - all event organized with VVIP dignitaries and the who's who of the industry in attendance. Trinity contributes in making Hon Narendra Modi ji's dreams a reality by catalyzing the industrial & commercial worlds.

Trinity Ventures has been recognized by the American National Standards Institute (ANSI) for "organizing trade and business exhibitions, event management, media and publications" for its ISO 9001 : 2015 certification. Trinity is also a member of number of trade, professional and industrial associations – European Union Chambers of Commerce, Mahratta Chamber of Commerce, Industries and Agriculture, etc. and works actively with these agencies. Every Trinity world event addresses the needs of both foreign and Indian businesses, opening many avenues to the multi-crore indigenous market and foreign trade.

The Chamber For Import, Export & Health

The Chamber for Import, Export & Health is registered for promotion of commerce and not-for-profit purposes, recognized by the Union Ministry of Corporate Affairs & other relevant Government of India agencies. A large number of Union & State Ministers, Chief Ministers and foreign VIPs have attended events that The Chamber supported over the years. Its Registered Objects are:

1. To represent & promote stakeholders
2. To promote bilateral relations between India and other countries to increase: 2a – Foreign exchange, 2b – Better sourcing, 2c – Indigenous production, 2d – Export promotion, 2e – Import substitution, 2f – Knowledge sharing, 2g – Technology Upgrade, 2h – Cost-effective technologies, 2i – Pollution-free equipment, 2j – Human resource development
3. The Chamber for Import Export & Health is to undertake activities like: 3a – Organizing events, (expos, tours, seminars, workshops, conferences); 3b – Liaising with stakeholders (Govt & authorities/organizations in India & overseas); 3c – Publishing material and creating linkages between related sectors; 3d – Recognizing & honoring individuals & organizations for achievements with awards.



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