



[Shmuel De-Leon Energy - Battery Weekly Newsletter](#)

November 8, 2024, No. 775

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**Shmuel De-Leon Readers Save \$150!**

A promotional banner for 'The 14th Annual BATTERY SAFETY SUMMIT'. The text is white and yellow on a dark purple background. It includes a blue button with the text 'Use Discount Code 2459-150' and the event details 'November 4-5, 2024 | Alexandria, VA + Virtual'.

A grid of logos for various industry organizations and publications. The logos include: NAATBatt INTERNATIONAL, bestmag (Energy Storage Publishing, Batteries &amp; Energy Storage Technology), NY BES+ (NEW YORK BATTERY AND ENERGY STORAGE TECHNOLOGY COLLABORATION), Batteries International, Mathis, EUROBAT (ASSOCIATION OF EUROPEAN AUTOMOTIVE AND INDUSTRIAL BATTERY MANUFACTURERS), Soteria, and RRC (SETTING STANDARDS IN POWER SOLUTIONS).

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*Virtual Battery Trainings*

17-19/12/2024 Battery Virtual Seminar (6 hours - 3 parts of 2 hours each) - 16:00 PM  
Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

### ***Frontal Battery Training***

[3rd Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA, November 18-19, 2024](#)

### ***Special Offers***

[Shmuel De-Leon Energy provides an on-demand purchasing services for cells and batteries from all chemistries and vendors](#)

[Shmuel De-Leon Energy provide a new Battery Daily News Service - Sign up for free 30 days trial](#)

[Shmuel De-Leon Energy Provide a new Battery Daily Patent Newsletter service - Sign up for free 20 days](#)

### ***Batteries and Super Capacitors news***

[LG Energy Solution CEO expects EV battery market to be difficult through 2026](#)

[Challenges in European Battery Production: Insights from CATL's CEO Robin Zeng](#)

[Volvo to Take Ownership of Northvolt Battery Joint Venture](#)

[Reliance New Energy acquires remaining stake in sodium-ion battery major Faradion](#)

[Jupiter Electric Mobility acquires Log9's Railway and Electric Truck Battery divisions to strengthen position in electric mobility](#)

[StB Giga Factory plans to put up 2 more battery production plants](#)

[Chinese company Gotion High Tech starts building battery factory in Kenitra](#)

[Suzuki & Toyota Strengthen Partnership With Global Battery Electric SUV Launch](#)

[Battery kit maker MOT expects revenue to exceed 100 billion won this year](#)

[Apple OEM Foxconn to produce new-energy batteries in Zhengzhou: report](#)

[Chinese shipments of energy storage batteries outpace growth in EV batteries](#)

[Sylvatex secures \\$1.4 million from DOE to develop lithium iron phosphate technology](#)



Unlock new possibilities in battery testing with the [BCS-900's](#) **negative voltage capabilities**. Test cells down to -5 V with precision and accuracy, revealing insights into performance that traditional systems miss. Ideal for **advanced applications** like reversible electrochemistry reactions or symmetrical cells, negative voltage testing offers a deeper understanding of cell degradation. Empower your research with BioLogic's BCS-900 Series Battery cyclers.

[BAIYU Holdings inks deal to solidify lithium battery supply](#)

[US-listed Enovix to now fully fork out US\\$100 mil investment in battery manufacturing deal with YBS](#)

[Li-S Energy Approaches 500 Wh/kg Milestone with Lithium-Sulphur Battery Technology](#)

[CATL unveils Freevoy super hybrid battery, heralding a new era of sustainable travel india – english](#)

[SOLITHOR tops 1000 cycles for solid state battery](#)

[Panasonic's Battery Unit Q2 Operating Profit Rises 42%, Keeps Forecast](#)



[Stat-X](#)<sup>®</sup> condensed aerosol fire suppression is a solution for energy storage systems (ESS) and battery energy storage systems (BESS) applications.

The Stat-X product was tested for efficacy in putting out Li-ion battery fires. It was found that the Stat-X agent successfully extinguished single and double cell battery fires. This testing was conducted in parallel with a large battery fire testing program. DNV GL conducted the testing. Stat-X also offers regulatory certainty.

[Ford Otosan launches battery assembly line at its Romanian factory](#)

[Moment Energy Awarded US\\$20.3 million by US Dept of Energy to Establish First Certified EV Battery Repurposing Facility in the US](#)

[BMW Brings First Lithium Battery Production to Mexico in San Luis Potosí Expansion](#)

[\\$50 million Biden IRA funding goes to Thornton-based EV battery maker](#)

[Zinc battery reaches impressive 100,000-cycle life with German innovation](#)

[Mitsubishi Corp, Nissan to establish JV on autonomous driving, EV batteries](#)

[Tesla reports robust profit increase on strength of battery storage sales](#)

### ***Battery Materials news***

[JSW Group and POSCO tie up for a steel plant, to also explore battery material and renewables](#)

[DOE offers \\$671-million loan to Aspen Aerogels to produce thermal barriers for EV battery safety](#)

[Battery X Metals Announces Advancements in Eco-Friendly Lithium-ion Battery Material Recovery Technology with Global Top 20 University Partnership](#)

[Metso's pCAM plant: A sustainable solution for high-performance batteries](#)

[LG Chem signs first adhesives supply deal with U.S. EV battery firm](#)

[ENGIE Reaches 500 MW Battery Storage Milestone](#)

[L&F plans NMC cathodes with 95 per cent nickel content](#)

[New battery manufacturing facility in Taylor County hopes to provide jobs to displaced coal mine workers](#)

[General Motors receives almost \\$8M to cut EV battery recycling costs](#)

[Isu Group Targets JEIO for Strategic Expansion into Secondary Battery Materials](#)



*Make NEI your partner for Battery Material Solutions and discover how our Advanced Materials and Services can elevate your battery technology. Contact us today! <https://www.neicorporation.com/products/batteries/>*

[Honda and Asahi Kasei form battery separator JV](#)

[ICoNiChem and NOVONIX Lead Battery Recycling Innovation](#)

[Material discovery could lead to improved potassium-ion batteries](#)

[POSCO's Q3 earnings hit by slump in steel, battery materials](#)

[China's CNGR planning \\$10 bln battery material facility in Indonesia](#)

[Xponential Battery Materials \(XBM\) Develops Critical US EV Battery Cathode Material from Abundant Industrial Waste Byproducts](#)

[Redwood Materials looks to ramp recycling of batteries after accidents and natural disasters](#)

[Single-crystal Cu foil offers new pathways to mitigate fire and explosion risks in lithium batteries](#)

### ***Chargers & BMS News***

[Australia's First Lithium Battery & EV Charger Factory Opens](#)

[Rio Tinto partners with SPIC to trial battery swapping on electric trucks at Oyu Tolgoi](#)

[ABLIC launches the S-821A/1B Series of 1-cell battery protection ICs for smartphones and wearable devices - Realizing safety and reliability for metal casing batteries through high side protection -](#)

### ***Grid Storage Batteries News***

[Greenergy partners CATL to supply batteries for Oasis de Atacama](#)

[CCI acquires LC Energy Grid Services, strengthens presence in Dutch battery energy storage sector](#)

[Tesla Megapacks power on at Western Australia's largest battery yet](#)

[First stage of Australia's biggest battery project switched on, well ahead of schedule](#)

[Scana company signs contract with Trollhättan Energi for 11.3MWh Battery Energy Storage System](#)

[Australia's Origin Energy begins building 240 MW of battery storage](#)

### **Battery Industry Upcoming Events**



**11<sup>th</sup> Workshop “Lithium-Sulfur Batteries”, November 11–12, 2024, Dresden, Germany,**

Details: <https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries.html>

Lithium-sulfur batteries are envisaged to enable energy storage devices with high specific energy at low material cost. Following the success of the past ten years, the 11<sup>th</sup> Workshop “Lithium-Sulfur Batteries“ will again bring together an international audience of renowned scientists and industry representatives who will present latest results, new materials, processes, and applications in the field of Li-S batteries.

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**EV Batteries: Electrified Vehicle Engineering, British Motor Museum, Warwick, United Kingdom, 12-13 November 2024** <https://bit.ly/sdle-imeche-evbatteries2024>

Join the IMechE's EV Batteries conference to meet with engineers, researchers and industry leaders to discuss the progress in battery electric and hybrid vehicle development. Hear more about the latest updates in cost efficient design, infrastructure challenges, testing and monitoring across all BEVs, hybrids and off-road vehicles as well as marine and rail application areas.

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[NASA Aerospace Battery Workshop 2024 conference, 19-21/11/2024](#)

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Date: 19-21<sup>st</sup> November, 2024, <https://www.cnibf.net/en/>

As the earliest battery industry exhibition in China, CNIBF is undoubtedly the one-stop platform for batteries industry. Located in Shanghai, the global economic center for international companies to enter into Chinese market, CNIBF is aimed at assisting you to discover new market with one hundred thousand accurate buyer datas and 500+ high quality enterprises from all over the world, including Panasonic, LG, Samsung, MAXCESS , SK CHEMICALS, TUV RHEINLAND, ZTE, BYD, ABB, etc.

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**Shmuel-De Leon Readers Save \$150!**



[AABC USA](#) - Las-Vegas, NV, USA 9-12 December 2024



NAATBatt 2025, the 16<sup>th</sup> annual meeting & conference of NAATBatt International, will be held on February 17 – 20, 2025, in Orlando, FL, USA. The meeting will feature talks by most of NAATBatt's 330+ members, market analyst reports, interactive breakfast table discussion groups, and the best networking and market intelligence opportunity anywhere in North America about the advanced battery industry. For more information, [click here](#).



[17th Battery Japan, 19-21/2/2025, Tokyo, Japan](#)

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13th International Conference

## Thermal Management For EV/HEV 2025

Part of Automotive IQ's EV System-Level Efficiency Week

Automotive IQ is thrilled to announce that the [13th Annual Thermal Management for EV/HEV conference](#) is returning to **Munich, Germany** from 25th - 28th February 2025

featuring **red-hot topics** and **brand-new speakers**. The 2025 Thermal Management agenda will feature **\*brand new presentations and discussions\*** on **PFAS Ban & Future Refrigerants, thermal management modules** and software to control it, **modular thermal management** and **control strategies**, as well as **simulation, modelling & virtualisation**. Speakers from major OEM and Tier-1 companies will also zero-in on the latest advancements in **battery thermal management**, climatization of the **cabin**, **immersion cooling** & new cooling technologies and the use of **use AI & machine learning** to design a an extremely efficient thermal management system.

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Intersolar & Energy Storage North America (IESNA) is the premier US-based conference and trade show focused on solar, energy storage, and EV charging infrastructure. Dedicated to accelerating the energy transition, the event will deliver forward-looking education, impactful networking, and an expansive exhibit hall experience—including the crowd-favorite Solar Games competition—on February 25-27 in San Diego, California. Learn more: <https://buff.ly/3z5R86K>

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**March 5th-7th, 2025 - InterBattery2025** - InterBattery 2025, first launched in 2013 in Seoul, Korea, has become world top battery exhibition with the world's leading battery manufacturers such as LG Energy Solution, Samsung SDI, and SK On. Interbattery shows various new products and technologies related to battery industry. Discover your opportunity by broadening your perspective and relationships with InterBattery 2024 : <https://interbattery.or.kr/>

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[International battery seminar & exhibit 2025](#) - March 17-20/2025

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Battery Show Middle East will take place in Dubai, Emirates on April 7-9, 2025



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# E-TECH EUROPE 2025

## [E-TECH EUROPE 2025](#)

A showcase for innovation, a global networking platform, a reference point for the industry and a place for both training and sharing information for the entire supply chain: at its fifth edition E-TECH EUROPE 2025 returns at Bologna Exhibition Centre next 15 - 16 April 2025 bringing the entire automotive supply chain together all at once: from manufacturers of individual electrical and electronic technologies, to component developers and vehicle manufacturing companies.

# RE-BATTERY 2025

## [RE-BATTERY 2025](#)

RE-BATTERY 2025 returns at Bologna Exhibition Centre next 15 - 16 April 2025: it's Southern Europe's largest international trade fair for battery producers, recycling companies, raw material suppliers and the entire battery supply chain. RE-BATTERY will be hosted by E-TECH EUROPE 2025, the event dedicated to the production and the entire supply chain of all electric vehicles, automotive interiors, transport solutions and much more.



16-17 April, 2025 | Atlanta, GA

<https://www.thebatteryshow.com/lp/2024/tbs-south.html>



CLNB 2025 is one of the largest industry events in China's new energy field. Setting together "forum, exhibition, activity", this event will gather **150+** senior speakers, **1,300+** Exhibitors, **9,000+** Conference Delegates and **30,000+** Professional Visitors, focusing on 6 specific sessions covering Battery & Battery Pack, Energy Storage, EV, Battery Materials, Battery Recycling and Country Pavilion. Register and get 10% off using the code 'CLNBSD': <https://clnb.smm.cn/en/home?fromId=eb1d86ca8a&from=59>.

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[The 16th China International Battery Fair \(CIBF2025\)](#), organized by China Industrial Association of Power

Sources, was originally planned to be held in Shenzhen, China - 12-16/5/2025.

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- Join 19,000+ fellow engineers, executives, thought leaders, professionals and decision-makers at the Messe Stuttgart, Germany on 3-5<sup>th</sup> June, 2024 for three electrifying days, filled with opportunities to source the latest technologies from 800+ exhibitors, develop your industry knowledge at our expertly curated three-track conference and network with like-minded peers.
  - Register Today: <https://register.thebatteryshow.eu/E6PKM>
- 



AABC Europe 2025, Mainz, Germany, June 23-26, 2025

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[Battery Cells & Systems Expo](#) (9th & 10th July 2025) will bring together automotive manufacturers, electric utilities, battery system integrators, cell manufacturers and the entire manufacturing supply chain. A truly unique showcase, companies from around the world will use the show to launch products and demonstrate their technology to an audience of professionals.

[Vehicle Electrification Expo](#) (9th & 10th July 2025) enables automotive manufacturers to

look at the latest powertrain solutions to improve the performance, efficiency, safety and sustainability of vehicles including light electric vehicles, passenger cars, commercial vehicles, buses and off-highway industrial vehicles. The show will bring together the entire supply chain involved in electric and hybrid vehicle manufacture and development showcasing the very latest technologies for this rapidly growing market.

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THE **BATTERY** SHOW  
ASIA

15-17 July, 2025 | Hong Kong

<https://www.thebatteryshow.asia/>

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**The 10th World Battery & Energy Storage Industry Expo (WBE 2025)**--Hyperlink:

<http://en.battery-expo.com/>

August 8th-10th, 2025, | China Import and Export Fair Complex, Guangzhou

WBE 2025 will showcase a wide range of products, including various batteries, battery packs, cells, and BMS. Exhibits will feature energy storage solutions, battery charging and swapping technologies, raw materials and components, manufacturing and testing equipment, recycling systems, and international logistics. Additionally, the expo will highlight advancements in hydrogen energy and its applications.

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[Solid-State Battery Summit 2025 will take place in Chicago, IL, USA on August 12-13, 2025.](#)

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Schive AS, Asker, Norway together with Shmuel De-Leon Energy will organize the [7th Oslo Battery Days conference](#) in Oslo, Norway, August 18-20, 2025

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# THE BATTERY SHOW

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## NORTH AMERICA

The highlight industry event for battery and H/EV professionals is back! The Battery Show and Electric & Hybrid Vehicle Technology Expo is headed to Downtown Detroit for the very first time on October 6-9, 2025 at Huntington Place. Link:

<https://register.thebatteryshow.com/>

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[Batteries Event 2025, 5-7/11/20254](#), Lyon, France covers all aspects of the circular economy value chain, starting from the production of the battery to recycling. Its objective is to create a perfect forum where all International battery industry key players such as OEM, cell and pack manufacturers, end users, experts, researchers and recyclers will come together to discuss and exchange on new chemistries, manufacturing process, battery components, battery second life, regulation, future expectations and innovations. After a very successful 2026 event that gathered 1100+ participants from the battery industry, their goal is to keep growing and welcome more than 1200 participants, 130+ exhibitors, sponsors & partners as well as 175+ international speakers in 2025! Join them and do not miss THE event where all stakeholders and decision makers gather every year!

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