



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

**November 22, 2024, No. 778**

**Sent to 110,000 Battery industry members**

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A promotional banner for the AABC conference. It features a dark blue background with a green and white logo for 'aabc advanced automotive battery conference'. The text reads: 'Shmuel-De Leon Readers Save \$150!', 'DECEMBER 9 - 12, 2024 | LAS VEGAS, NV', 'Mandalay Bay Resort &amp; Casino', and 'USE DISCOUNT CODE 2403-150'.

A grid of logos for various battery industry organizations. 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](#)

8/1/2025 (January 8th, 2025), Battery Seminar Virtual - New China Battery Innovation Technologies 2025 - 1 part - 2 hours - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

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

[2nd European Hands-On HV Battery Development Seminar, Graz, Austria, January 30-31, 2025](#)

### ***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 30 days](#)

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

[Solid-state battery disrupts the market with a new product! Xinjie Energy's "Falcon" high-energy lithium metal solid-state battery is launched globally](#)

[Mercedes tech may enable EV batteries with mixed cell types](#)

[China sets off first train shipment of lithium-ion batteries](#)

[GUS Technology and Toshiba Signed Agreement for Next-Generation Niobium Titanium Oxide \(NTO\) Lithium-ion Batteries](#)

[KULR wins Navy contract for high-temp battery safety tech](#)

[BYD says it will launch new generation of blade batteries next year](#)

[Mullen Ramping Up for Start of US Battery Production](#)

[Lithium-ion battery price drop to increase mid-end EV competence](#)

[GMG Unveils SUPER G\(R\): A Game-Changing Graphene Solution for the Lithium-Ion Battery Industry](#)

[Romania partners with Lockheed Martin for groundbreaking battery production facility](#)

[Electrovaya Receives Follow On Orders for High Voltage Battery Systems from Global Aerospace and Defense Company Following Extensive Testing](#)

[Colorado battery co. lands DOE funding to expand \\$240M factory](#)



Stat-X® 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.

[Honda hopes to double EV driving range with solid-state batteries, R&D chief said](#)

[Chery and CATL Tackle Solid-State Sodium-Ion Battery Mass Production](#)

[Virginia Green Lights \\$1.4 Billion Battery Plant](#)

[Northvolt crisis may be make or break for Europe's EV battery ambitions](#)

[New EV Battery Powers 186 Miles With Only 5-Minute Charging](#)

[Banpu NEXT and Durapower ready for mass production at Thailand battery assembly plant, leading country's commercial electric vehicle transition](#)

[Element Energy Accelerates the Deployment of Second-Life Batteries with LG Energy Solution Vertech](#)

[India needs to look at taxation on batteries and EV charging services, says Modi's adviser](#)

[KIT opens pilot agile battery cell production line with robotic automation](#)

[Audi to Equip High-Performance Electric Vehicles with Samsung SDI Batteries](#)

[BMW Group Competence Centre for Battery Cell Production in Parsdorf awarded European environmental certification EMAS](#)

### **Battery Materials news**

[CATL in talks to set up battery recycling operations in Europe](#)

[Graphene extends batteries life and efficiency](#)

[Milestone Puts Battery Recycling Industry One Step Closer to Increasing Lithium-Ion Processing in North America](#)

[Silicon metal tapped to replace graphite in electric vehicle battery anodes](#)

[Novonix Eyes Second Graphite Plant After Deals With Battery Makers](#)



*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/>*

[SK On Batteries to Use Korean-made Lithium](#)

[Canada's first lithium-ion battery separator plant, Ascot secures capital for Premier restart and Troilus receives US\\$1.3 billion in potential funding](#)

[ENTEK wins \\$1.3 billion US Loan for EV Battery Plant](#)

[SK tes commissions Dutch lithium battery recycling plant](#)

[A New Era for Batteries – Argonne Leads \\$50M Sodium-ion Innovation Push](#)

### **Chargers & BMS News**

[SAIC-GM-Wuling adopts CATL's battery swap solution for commercial vehicles](#)

[Changan, CATL partner to offer battery swap-enabled EVs for ride hailing market](#)

[Carmakers, battery suppliers vie for leadership in battery management](#)

### **Grid Storage Batteries News**

[Vertiv Introduces Fully Populated, High-Density Lithium Battery Cabinets for Fast, Cost-Efficient Installation in HPC Data Centers](#)

[Eramet and JUWI partner on solar and battery storage solution at Senegal mine](#)

[Element Energy Announces Commissioning of World's Largest Second-Life Battery Storage Project](#)

[Victoria to build \\$370m state-owned solar farm and battery in state's west](#)

[EVLO to develop a battery energy storage system for Dominion Energy](#)

[South Africa announces R4.7-billion in grid-scale battery projects](#)

[Govt to Charge up Incentive Schemes to Attract Rs 5,40,000 crore of Investments into Battery Storage Systems by 2030](#)

### **Battery Industry Upcoming Events**



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



NAATBatt 2025 (February 17 – 20, 2025) is the 16th annual meeting of NAATBatt

International, the trade association for advanced battery technology in North America. NAATBatt's mission is to support networking and acquisition of pre-competitive market intelligence by companies working in the advanced battery industry in North America. Members and non-members are welcome. For more information about the program, click [here](#).

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[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**, climatisation 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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ENERGY  
STORAGE  
NORTH AMERICA

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.



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



CLNB 2025 is one of the largest industry event 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 'CLNBSDE':

<https://clnb.smm.cn/en/home?fromId=eb1d86ca8a&from=59>.



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.



- 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>
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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 **BAT**TERY SHOW

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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[10th Turkey Battery Technologies Summit, Istanbul, Turkey, October 22-23, 2025](#)

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[Batteries Event 2025, 5-7/11/2025](#), 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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## BATTERY EXPERTS FORUM

[The Battery Experts Forum](#) (11-13 November 2025, Darmstadt, Germany) is one of the world's largest exhibitions around battery technology. Sponsors and exhibitors who are among the most important companies in the entire value chain of a battery are part of the international exhibition. In addition to cell and battery manufacturers, you will find suppliers of components and services as well as OEMs. Design, production and manufacturing solutions as well as complete battery systems, materials and components but also test procedures and recycling processes will be exhibited. The focus of the event is placed on the associated conference with the highest scientific standards. Here, over 100 leading users, developers and researchers from international companies and institutes, as well as opinion leaders, will speak about the latest industry trends over the three days of the event.

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[NASA Aerospace Battery Workshop 2025 conference, 18-20/11/2025](#)

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