



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

December 13, 2024, No. 780

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

A grid of logos for various 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***

[KULR Announces Immediate Availability of NASA-Certified M35A Battery Cells for JSC 20793 Packs](#)

[BYD partners with e-bike maker TAILG to develop batteries for electric 2-wheelers](#)

[New sodium-ion developments from CATL, BYD, Huawei](#)

[Atom Power Launches Pakistan's First Locally Assembled Lithium-Ion Batteries](#)

[Stellantis, Zeta Energy agree to jointly develop lithium-sulfur EV batteries](#)

[LG Energy Solution, GM celebrate 100 millionth EV battery cell from Ohio plant](#)

[Chinese firm to set up lithium battery plant in Punjab](#)

[Mullen ramping up battery facility for start of production in mid-2025](#)

[Chinese battery makers gobble up Korean firms' global market share](#)

[MG parent to release new EV with semi solid-state batteries and over 1,000kms range](#)

[Inflation Reduction Act changes 'not a day 1 priority' for Trump, Congress: Crux](#)

[Northvolt in talks to sell profitable battery pack unit- Reuters](#)

[Volkswagen recalls more than 4,600 vehicles in US over battery overheating concerns](#)

[FEV and ProLogium develop high-performance vehicle battery](#)

[Maharashtra offers land and incentives for JSW's ₹15,000-crore battery project in Nagpur](#)

[QuantumScape Releases Next-Generation Solid-State Battery Separator Equipment, Cobra](#)

[LG Energy set to acquire GM's \\$1 bn stake in Ultium JV plant in Michigan](#)

[Audi Mexico to build new High Voltage Battery Plant](#)

[Kyocera, a 24M Technology License Partner, Doubles Production of SemiSolid™ Lithium-Ion Batteries Using 24M Technology](#)

[Rincell and Re:Build Manufacturing partner to deliver industry-leading battery packs powered by Rincell's ultra-high-capacity silicon-graphite lithium-ion batteries](#)

[American Battery Solutions in Lake Orion Partners to Develop Electric Boat Hoists](#)

[Duke pauses consideration of DOE loan program with Trump election, new Congress](#)

[National Fire Protection Association bringing awareness to December home fires](#)

[Germany Assumes \\$629M in Northvolt Debt After Insolvency](#)

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

[B-cycle reports 24% growth in battery recycling, calls for increased participation](#)

[BMW plans center in Germany to pioneer new battery recycling method](#)

[Coreshell Unveils First Commercial-Scale 60 Ah Battery Cells Using Domestic Metallurgical Silicon](#)



## **Cathode & Anode Electrode Sheets** **Choose from Ready-to-Ship Electrodes**



*NEI Corporation offers a variety of cathode and anode electrode sheets for Li-ion and Na-ion batteries. Choose from our standard, ready-to-ship sheets or we can customize to your specification. Get a quote today!*

<https://www.neicorporation.com/products/batteries/cathode-anode-tapes/>

[EU To Invest 1 Billion Euros To Boost Domestic Supply Of Battery Components](#)

[Aionics Unveils Expansion into Aviation Batteries Fueled by Strategic Investments and Industry Partnerships](#)

[Iondrive raises \\$6M for battery recycling pilot plant, commercialization efforts](#)

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

[Uxin Announces Strategic Partnership with CATL's Subsidiary to Develop Battery Swapping Ecosystem for Used Cars](#)

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

[CATL dives into batteries for power grids](#)

[TagEnergy ready to start building 240-MW French battery](#)

[Eos Energy lands \\$304M DOE loan for battery plant expansion](#)

[Sungrow and CREC Sign Landmark 1.5 GWh Battery Energy Storage Agreement in the Philippines](#)

[RVUNL's 500 MW/ 1000 MWh Battery Energy Storage Project Boosting Rajasthan's Grid Resilience](#)

### ***Battery Industry Upcoming Events***



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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## BATTERY JAPAN February

### 18th Int'l Rechargeable Battery Expo

Held inside SMART ENERGY WEEK [February] 2025, BATTERY JAPAN gathers a broad range of technologies, components, materials, and devices for rechargeable batteries development & production. The show attracts professionals from all over the world. Date: February 19 – 21, 2025 Venue: Tokyo Big Sight, Japan (3-11-1 Ariake, Koto-ku, Tokyo, Japan 135-0063)

For more information, visit: <https://www.wsew.jp/spring/en-gb.html>

[Visitor Registration \(FREE\)](#) [VIP Registration \(FREE\)](#)

For inquiries and additional information, you may contact:

RX Japan Ltd., SMART ENERGY WEEK Show Management Email: [visitor-eng.wsew.jp@rxglobal.com](mailto:visitor-eng.wsew.jp@rxglobal.com), Tel: +81 6739 4119

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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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## **INTERNATIONAL SECONDARY LEAD AND BATTERY RECYCLING CONFERENCE**

1 & 2 September 2025, Hilton Hotel, Kota Kinabalu, Sabah, Borneo,

The only [conference](#) dedicated to the world of recycling and recovery of lead-acid and other battery chemistries.

The conference will feature leading international speakers on the latest recycling & smelting methods, research and health, safety and environmental topics. Whether it be a lead-acid or lithium, we still must collect, break, recover the valuable elements and dispose of the waste in an environmentally safe manner.



## **ASIAN BATTERY CONFERENCE AND EXHIBITION**

2 – 5 September 2025, Sabah International Convention Centre, Kota Kinabalu, Sabah, Borneo, Join us in Kota Kinabalu, Sabah, Borneo for Asia's #1 [Lead-acid battery conference and exhibition](#). Discover cutting-edge technologies, explore future trends in the lead-acid industry, connect with suppliers, and seize new business opportunities. This is your chance to network with industry leaders, gain valuable insights, and stay ahead of the competition. Don't miss out—be part of shaping the future of lead-acid innovation!

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## **THE BATTERY 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, 5-7/11/20254](#), 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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[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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[AABC USA 2025 - Las-Vegas, NV, USA 8-11 December 2025](#)

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**Shmuel De Leon Energy**

10 Mazal-Arie Street, Hod-Hasharon, Israel 45309 972-77-5010792

[www.sdle.co.il](http://www.sdle.co.il) [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

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