



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

March 7, 2025, No. 792  
Sent to 110,000 Battery industry members  
since 1/2010, [Join our mailing list](#)  
[Battery market reports 2025](#)  
[Advertise in our newsletter](#)  
[Battery Industry Upcoming Events List](#)

*Our advertisers & sponsors*

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

The advertisement features a background image of a large industrial battery pack. Text on the left reads "International Battery SEMINAR & EXHIBIT". On the right, it specifies the dates "March 17-20, 2025" and the location "Loews Royal Pacific Resort Orlando, FL". At the bottom, a red button contains the text "USE DISCOUNT CODE 2514-150 »".

USE DISCOUNT CODE 2514-150 »

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

*Virtual Battery Trainings*

**Li-Ion Cells Dry Coating Manufacturing Seminar 12-13 March 2025** - (6 hours - 3 parts of 2 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

28-30/4/2025 **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***

[4th Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA - March 26-27, 2025](#)

[2nd European Hands-On HV Battery Development Seminar, Graz, Austria, June 30th - July 1st, 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***

[CATL Plans Mega IPO in Hong Kong](#)

[First solid state battery to hit 1000 cycles with no compression](#)

[Peru targets local lithium battery production, official says](#)

[EU plans to boost EV demand and local battery production – report](#)

[Delta Township waits as LG negotiates Ultium battery plant acquisition](#)

[EU plans to provide direct support to European electric vehicle battery manufacturers](#)

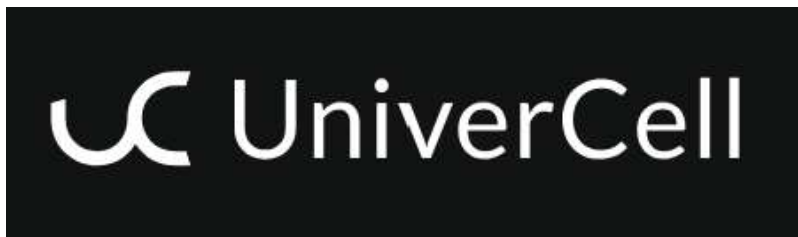
[SK On, SK Enmove to showcase fireproofing solution for EV batteries](#)

[GMG's Graphene Aluminium-Ion Battery: Collaboration with World Leading USA Battery Innovation Centre and Next Steps Toward Commercialisation](#)

[China to use solid-state batteries on new energy vehicles by 2027](#)

[Chinese battery firm Shanshan to enter court-led restructuring](#)

[EU to propose push to boost EV demand, require more local batteries](#)



**Energize the Future with UniverCell Holding GmbH!**

Discover customized battery electrodes for all LiB chemistries—special offers available! Now offering ultra-high energy 18650 (4 Ah, 310 Wh/Kg) and 21700 (6 Ah, 340 Wh/Kg) prototype cells. Need custom cell assembly or prototyping? We've got you covered. All products and services are Made in Germany. Contact us: [sales@univercell.group](mailto:sales@univercell.group)

[Hyundai Motor, Samsung collaborate to develop batteries for robots](#)

[Ford subsidiary acquires 500 acres of BlueOval Battery Park land from Marshall AEDA](#)

[Ex-Lotus boss plans £1bn battery gigafactory in Britain – Volklec hopes to start production at publicly funded UK Battery Industrialisation Centre](#)

[Enhancing Lithium-Ion Battery Performance with Roll-to-Roll Compatible Flash Process Technology](#)

[Lyten promises lighter batteries at Reno gigafactory but some fear it's too close to homes](#)

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

[€100bn European deal for cleantech, battery recycling](#)

[Talga Group Secures Recycled Graphite Supply for Sustainable Battery Innovation](#)

[Cathode innovation to improve efficiency of lithium-ion batteries](#)

[SKIET Partners with Gotion to Boost Battery Separator Business in North America and](#)

## [Europe](#)

[Giyani Produces First Battery-Grade Manganese at its Demo Plant](#)

[Rice researchers develop efficient lithium extraction method, setting stage for sustainable EV battery supply chains](#)

[22% increase in battery recycling](#)



Elevate your battery technology with NEI's innovative solid electrolytes. Explore our cutting-edge selection of sulfide, oxide, phosphate, halide, and polymer-based electrolyte materials today.

Link: <https://www.neicorporation.com/products/batteries/solid-electrolytes/>

[Solid Ionics develops sub-0.7  \$\mu\text{m}\$  solid electrolyte for next-gen batteries](#)

[MeitY Partners with Brandworks Technologies to Accelerate Innovation in Lithium-Ion Battery Technology](#)

[Battery chemicals maker Terrafame raises \\$105 million to fund investment](#)

[Japan's Idemitsu to build lithium sulphide plant to help support Toyota's EV plans](#)

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

[CATL and Baidu team up to develop self-driving vehicles, battery swap tech](#)

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

[SMT Energy Secures US\\$135 Million for 320 MWH Battery in Houston](#)

[TransGrid Secures \\$1.4 Billion Financing for Battery Storage Projects in Arizona](#)

[Solar And Battery Storage To Account For 81% Of 63 GW U.S. Power Capacity Additions In 2025](#)

[EnergyAustralia turns sod on 350-MW battery project in Victoria](#)

[EPBC clears path for 320 MW solar and battery project](#)

[SECI Signs MoU with Madhya Pradesh Government for 200 MW Solar and 1000 MWh Battery Storage Project](#)

[Market and policy tailwinds drive uptick in domestic battery manufacturing](#)

[Aputura secures new 400MW battery storage site near Stirling](#)

[NVVN tenders 500 MW/1000 MWh battery storage in Rajasthan](#)

[Sumitomo Electric Develops Advanced Vanadium Redox Flow Battery - Unveiled at Energy Storage North America](#)

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



**InterBattery 2025** - March 5th-7th, 2025 - InterBattery2025 - Break Through, Charging Ahead! InterBattery, 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. With 20% greater scale, Interbattery shows various new products and technologies related to battery industry. Discover your opportunity by broadening your perspective and relationships with InterBattery 2025 :

<https://interbattery.or.kr/fairDash.do?hl=ENG>



**The Battery Conference 2025** -March 5th-6th - The Battery Conference 2025 - The one and only battery conference, The Battery Conference 2025, will be held in the battery powerhouse of South Korea! Join us in March at COEX, Seoul. Covering everything from minerals to battery materials, battery recycling, and next-generation battery technologies! We invite you to this premier battery conference, featuring major global battery companies, including LG Energy Solution, Samsung SDI, and SK On. Seize the opportunity to explore

major global battery issues and the latest battery technologies in 2025! : [https://tbc.or.kr/main\\_en.php](https://tbc.or.kr/main_en.php)

---



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

---



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

---

## **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.

---



“[The Battery Show South, Electric & Hybrid Vehicle Technology Expo South, Energy Storage South, and EV Infrastructure](#) launches in the next hub of EV, battery, and clean energy growth—the U.S. Southeast. This will bring together the new regional value chain in the Battery Belt to discover the latest technologies across commercial and industrial transportation, advanced battery, H/EV, materials, stationary energy storage, recycling, components, mining, medical, aerospace, and more. Meet engineers, business leaders, top-industry companies, and innovative thinkers creating powerful solutions and shaping the future of Battery and EV technology.” **April 16-17, 2025** <https://www.thebatteryshow.com/lp/2024/tbs-south.html>



The [15th Anniversary Edition of Functional Safety Week](#) is Returning to Munich, with an Agenda Created in Partnership with WG Members. The **red-hot topic right now is the impact of artificial intelligence on functional safety**, with the new ISO/PAS 8800 standard, focusing on safety in AI, on everyone’s minds right now. **ISO/PAS 8800 is under preparation but questions are already arising** on requirements and implications of the standard, compliance with ISO 26262, AI model training, and AI explainability among other areas. **SOTIF has become a bigger topic for anyone that is dealing with safety for and impact of AI.** And combining safety and security continues to remain a major challenge. Join us this year at the sell out event and learn from industry leaders.



Charge ahead into the next century at the [2025 BCI Convention + Power Mart Expo](#)! Join us May 4-7 in San Antonio, Texas, for the longest-running battery industry event around. Network with top professionals, discover groundbreaking technology, and engage in dynamic discussions that will drive the next century of battery advancements. Don’t miss out—[register today](#) to secure your spot.



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.

---



The Battery Show Europe is the leading meeting place for the advanced battery, H/EV technology and energy storage community to discover the latest innovations and solutions powering the industry forward. Join 21,000+ peers at the Messe Stuttgart, Germany for a chance to source technologies from 1,100+ exhibitors representing the full supply chain from raw materials to battery recycling. Expand your education at the expert-led four-track conference and meet liked-minded peers at free-to-attend networking receptions. Use promo code SDL20 for free expo registration or 20% discount on conference passes. <https://register.thebatteryshow.eu/ra9lmx>

---



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

---



The International Flow Battery Forum (IFBF) conference is the leading event for the flow



battery community, and this year will take place on **24-26 June 2025** at the Intercontinental Hotel in **Vienna, Austria**. **IFBF 2025** will gather in Vienna the main flow battery experts among researchers, manufacturers, policymakers, and industry leaders to discuss the latest advancements in flow battery technology and its practical applications.

Vienna is a lively, busy city, famous for its historic buildings and cultural traditions. It's very accessible as it has good international transport links, as well as easy-to-use local public transport. It's the home of **CellCube**, a major international flow battery manufacturing company, which we have the pleasure to announce as co-host and Platinum sponsor.

---



[2025 Power Sources Conference, MGM National Harbor Hotel, Oxon Hill, MD, June 25-26, 2025](#)

The Power Sources Conference focuses on advanced energy storage and power generation technologies (largely, but not exclusively, electrochemical), which are of interest to the DoD, other Government agencies, and the civilian marketplace. The orientation is toward advancements in power sources, renewable energy power generation, advanced materials and processes including safety, quality control, testing mechanisms, power management, prototype development, manufacturing technology, device and systems engineering, and economic and environmental considerations. The program reflects continued strong interest in high-energy high-power batteries, fuel cells, and other power generation technologies for man portable power, mobile ground vehicles, sea, and aerospace applications.

---



[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.

---

THE **BATTERY** SHOW  
ASIA

15-17 July, 2025 | Hong Kong

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



**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.



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

---



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

---



### **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!

---



**Celebrate 15 Years of Innovation at North America’s Premier Advanced Battery Event**

The Battery Show and EVT Expo return to Downtown Detroit from October 6-9, 2025, marking its 15th anniversary!

This premier event brings together engineers, business leaders, top industry companies—including leading OEMs—and forward-thinking innovators to explore groundbreaking products and create powerful solutions for the future. With over 21,000 industry professionals attending, you’ll experience four days of educational sessions, networking opportunities, and access to the latest innovations from more than 1,300 exhibitors at one of the world’s largest battery technology trade shows. Don’t miss your chance to be part of this extraordinary experience!

[Discover More & Register Today>>](#)



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



**Dry Coating Forum – Shaping the Future of Dry Battery Electrode Processing, November 3–4, 2025, Fraunhofer IWS | Dresden (Germany).** Website:

<https://www.iws.fraunhofer.de/en/events/dry-coating-forum.html>

Dry battery electrode coating contributes towards greener, more efficient battery production. Toxic solvents are avoided, the equipment footprint is reduced, and energy costs for the intensive drying step are omitted. Following the great success of the first and second Dry Coating Forum 2023 and 2024, Fraunhofer IWS is once again inviting material suppliers, system manufacturers, cell producers, and end users to network and exchange knowledge in the field of dry electrode coating.



[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 2024 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!

## 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.



**12th Workshop "Lithium-Sulfur Batteries", November 17–18, 2025, Fraunhofer IWS | Dresden (Germany)**

Website: [https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries\\_2025.html](https://www.iws.fraunhofer.de/en/events/lithium-sulfur-batteries_2025.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 eleven years, the 12th Workshop “Lithium-Sulfur Batteries“ will again bring together an international audience of renowned scientists and industry representatives who will present latest results, new materials,

---



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

---



Future Battery  
Forum

6th Future Battery Forum (Nov 25-26, 2025 | ECC Berlin + online)

Europe’s leading battery conference gathers 1,000+ industry decision-makers for two days of C-level networking. With 80 speakers, keynotes, panels, and interactive sessions, it tackles urgent industry topics. 100+ exhibitors showcase cutting-edge technologies. Don’t miss the evening reception!

[www.futurebattery.eu](http://www.futurebattery.eu) - [fbf@ipm.ag](mailto:fbf@ipm.ag)

---



[AABC USA 2025](#) - Las-Vegas, NV, USA 8-11 December 2025

---



[2-3 February 2026 - Shmuel De-Leon Energy will organize the 3rd Medical Battery Conference 2026 as part of MD&M West](#)

---



NAATBatt 2026 (February 9 – 12, 2026) 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](#).

---

**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)

*Copyright © 2025 Shmuel De-Leon Energy. Ltd, All rights reserved.*