



## Shmuel De-Leon Energy - Battery Weekly Newsletter

January 26, 2024, No. 734  
Sent to 80,000 Battery industry members  
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[Battery Industry Upcoming updated list](#)  
[Battery market reports 2024](#)

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### *Our advertisers & sponsors*

Shmuel-De Leon Readers Save \$150!

A promotional banner for the International Battery Seminar &amp; Exhibit. It features a background image of a battery manufacturing facility. The text includes the event name, dates (March 12-15, 2024), location (Loews Royal Pacific Resort, Orlando, FL), and a call to action to use discount code 2414-150.

A collection of logos for various industry organizations and publishers. From left to right, top to bottom: NAATBatt International, Energy Storage Publishing bestmag Batteries &amp; Energy Storage Technology, NY BES+ NEW YORK BATTERY AND ENERGY STORAGE TECHNOLOGY CONVENTION, Batteries International, aspilsan Energy of Technology, Mathis, EUROBAT ASSOCIATION OF EUROPEAN AUTOMOTIVE AND INDUSTRIAL BATTERY MANUFACTURERS, Soteria, and RRC SETTING STANDARDS IN POWER SOLUTIONS.

\* Contact us for having your company/event banner in our newsletter -  
[sigalit@sdle.co.il](mailto:sigalit@sdle.co.il)

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### *Virtual Battery Trainings*

25-27/3/2024 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***

[February 22-23, 2024 - 2nd Battery Safety, Storage, and Transportation Hands-On Seminar, Waxahachie, TX, USA - program & registration](#)

## ***Special Offers***

Need Li-Ion cells? - Shmuel De-Leon Energy is selling Li-Ion cells from majority of the market leading cell makers - Join our cells customers networking group and get a weekly update with cells allocations and cost. [shmuel@sdle.co.il](mailto:shmuel@sdle.co.il)

[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](#)

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

[Sweden's Northvolt raises \\$5 bln green loan to expand battery factories](#)

[BAK Battery Announces N21700CH-58E High-Capacity Battery Cell](#)

[SK On, US startup to jointly develop solid-state batteries](#)

[Stellantis eyes sodium-ion battery production](#)

[China's Energy Storage Battery Cell Production Continues to Slide in January](#)

[China's CALB wants lithium battery factory in Portugal](#)



*As a leading global analytics service provider, SGS has extensive expertise in battery testing. With our versatile testing options, we can cover the monitoring of the entire battery production process – from the basic materials to the complete battery system.*

*SGS INSTITUT FRESENIUS is a strong partner that can support you with a high-end equipment portfolio and advanced analytical methods in the field of material and layer analysis, surface, trace and fault analysis, as well as with a wide-ranging network.*

<https://sgs-institut-fresenius.de/en/material-failure-analysis/applications/batteries>

[Battery price war: CATL, BYD pushing battery costs down further](#)

[LG Chem Sees Battery Industry Still Robust Despite Slowdown](#)

[Eve Energy to set up JV in Turkey to produce batteries](#)

[ProLogium Opens the World's First Giga-level Solid-State Lithium Ceramic Battery Factory](#)



[Volume Graphics](#) enables battery inspection using industrial computed tomography (CT) to **find and quantify porosity, inclusions, anode overhang, and delamination**. Peer inside sealed batteries and conduct holistic, high-quality inspections—from R&D to end-of-line quality control. We're here to help you not only attain but surpass your quality and reliability goals in this rapidly evolving industry. Let us show you how.

[China sets up taskforce to boost development of solid-state EV batteries](#)

[Battery start-up is developing safe, long-lasting thin-film solid-state batteries that can be charged and discharged in one minute](#)

[Samsung SDI upgrading way it manufactures solid-state battery](#)

[GODI India to build 12.5 GWh battery cell manufacturing unit in Telangana](#)

[Ampricus Broadens Product Portfolio with New Commercially Available Silicon Anode Battery Platform – SiCore™](#)



With a multi-million-dollar battery inventory and unparalleled advanced engineering and production capabilities, [Sager Electronics](#)' team of battery experts designs and produces custom portable power solutions that meet the most exacting specification and performance requirements.

[Panasonic eyes productivity boost before third battery plant in North America](#)

[BYD to stop pouch type battery production amid durability concerns: report](#)

[SK On, Solid Power partner to speed up development of all-solid-state batteries](#)

[DOE invests \\$131m to accelerate EV battery supply chain and charging infrastructure](#)

[Accelera by Cummins, Daimler Truck and PACCAR Select Mississippi for Battery Cell Production in the United States](#)

[Volkswagen and rivals plug away at solid-state battery puzzle](#)

## ***Battery Materials news***

[Samsung SDI buys stake in Canadian nickel miner for battery expansion](#)

[Teesside University announces battery processing plant](#)

[Graphite One Announces Termination of Memorandum of Understanding with Lithium-Ion Battery Anode Producer](#)

[OneD Battery Sciences and Koch Modular Partner for the Large-Scale Production of Silicon-Graphite Anode Materials for Next-Generation EV Batteries](#)

[South Korean Battery Companies Considering Establishing Lithium Plant in Chile](#)

[Hyundai Glovis secures recycling technology for used batteries](#)

[Iveco Group chooses BASF as first recycling partner for electric vehicle batteries](#)

[New fund to invest EUR 500m in EU battery raw materials](#)

[Tesla exports materials from China for 4680 battery production in Texas: report](#)

[Hindalco Plans To Set Up Battery Foil Manufacturing Unit In Odisha's Sambalpur](#)

The image shows a blue banner with the NEI Corporation logo on the left, which consists of the letters 'NEI' in a bold, sans-serif font with a stylized globe icon to its left, and 'NEI Corporation' written below it. To the right of the logo, the text 'Electrode & Cell Fabrication Service' is written in a large, bold, yellow font. Below this, in a smaller white font, it says '2032 Coin Cells | Pouch Cells (up to 4Ah)'.

**NEI**  
NEI Corporation

**Electrode & Cell Fabrication Service**  
2032 Coin Cells | Pouch Cells (up to 4Ah)

*Do you need third party verification of your material's performance? NEI's team of electrochemical experts can evaluate your battery materials through a full-service contract or by-the-sample cell level testing services. [Contact us](#)*

[to learn more.](#)

[Umicore and Microsoft to accelerate battery-materials development using AI](#)

[LFP now responsible for 36% of global battery EV graphite demand](#)

[Nion Nickel Advances Dumont Project to Support Quebec Battery Supply Chain](#)

[Chinese battery raw materials developer JOMO Technology secures angle round](#)

[Federal Resources Minister opens AVL's flow battery electrolyte plant in Western Australia](#)

[Honda to invest almost Yuan 100 billion in lithium-ion battery recycling](#)

[BYD eyes lithium giant takeover as it expands its EV battery business](#)

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

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

[Tata's Agratas Eyes \\$500 Million Green Loan For Sustainable Battery Factories](#)

[Home battery boom: Solar batteries double to more than one million in Germany](#)

[Equinor powers up UK battery](#)

[TotalEnergies agrees to acquire battery storage company Kyon Energy](#)

[India could easily surpass 150GWh ACC battery manufacturing target](#)

[Strata breaks ground on 1.02GWh battery storage project in US](#)

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[5-7 February 2024 - Shmuel De-Leon Energy will organize the 2nd Medical Battery Conference 2024 as part of MD&M West](#)

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NAATBatt 2024, the 15<sup>th</sup> annual meeting & conference of NAATBatt International, will be held on February 19 – 22, 2024, at the Omni La Costa Resort & Spa in Carlsbad, CA. 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](#).

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## **BATTERY JAPAN** **March** **16th Int'l Rechargeable Battery Expo**

BATTERY JAPAN is the World's Leading Exhibition for Rechargeable Batteries.

Battery technologies are the key to achieving carbon neutrality by 2050 as they will largely contribute to the popularization of renewable energy and EVs. BATTERY JAPAN gathers a broad range of technologies, components, materials, and devices for rechargeable battery development & production. 1,600\* exhibitors & 70,000\* visitors will gather from all over the world (\*including concurrent shows). Visit the show to explore the latest technology.

Dates: Feb. 28 - Mar. 1, 2024

Venue: Tokyo Big Sight, Japan

Web: <https://www.wsew.jp/spring/en-gb.html?monetamediagroup>

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12th International Conference

## **Thermal Management For EV/HEV 2024**

Thermal Management for EV/HEV 2024 (5-8/3/2024): Europe's Premier



Technical Thermal Management Conference returns to Munich in 2024. According to a thermal management expert at a leading European OEM... 'Thermal management has become more profitable, and has a high market value.' The event will uncover thermal management solutions on both the component and system/vehicle level, optimising cost, efficiency, range and performance while working within actual real-world limitations.

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**March 6th-9th, 2024 - InterBattery2024** - InterBattery 2024, 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 2024](#) - March 12-15/2024

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[ISO 26262 & SOTIF Conference 2024 \(15-18/4/2024\)](#): After the record-breaking success of the 2023 Functional Safety Week in Berlin, mark your diaries for April 2024 as Automotive IQ's Functional Safety Week returns to Germany. Partnering with ISO 26262 & SOTIF Conference offers you the ideal platform to get your message across to an engaged audience of senior decision makers.

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**Shenzhen International Battery Industry Fair (CNIBF)**

Date: 24-26<sup>th</sup> April, 2024, Website: <https://www.cnibf.net/en/>

CNIBF, the leading battery industry exhibition in China, first launched in 2010 and has more than 13 years of history. Located in Shenzhen, CNIBF is undoubtedly the one-stop platform for batteries industry in a famous new

energy industry base, which attracted well-known companies and professionals from all over the world to participate and brought the latest products and technologies, such as Panasonic, LG, Samsung, MAXCESS , SK CHEMICALS, TUV RHEINLAND, ZTE, BYD, ABB, etc.

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The Battery Tech Expo UK, Silverstone runs 25<sup>th</sup> April 2024. The largest technical event in the UK dedicated to the battery supply chains. 150 Exhibitors, 80 Presentations, 2000 professionals. Workshops, Seminars. Free to attend. You can register a ticket from our website – [www.batterytechexpo.co.uk](http://www.batterytechexpo.co.uk)

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### E-TECH EUROPE 2024

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 third edition **E-TECH EUROPE 2024** returns at **Bologna Exhibition Centre next 8 - 9 May 2024** 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 2024

**The second edition of RE-BATTERY 2024**, the international Exhibition and Conference event for **battery producers, recycling companies, critical raw material suppliers, and the entire battery supply chain**, returns at **Bologna Exhibition Centre next 8 - 9 May 2024**. **The event** will focus especially on lithium-ion batteries from e-mobility transportation, stationary applications, electric vehicles and e-mobility products, but also lead-acid batteries and e-waste from electronics.

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AABC Europe 2024, Strasbourg, France, May 13-16, 2024

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Welcome to the [Battery Minerals & Supply Chain Canada 2024](#) Exhibition and Conference, where leading battery mineral miners and upstream explorers will meet with battery manufacturers and investors in Toronto, Ontario, to explore the latest trends in battery mineral exploration, processing, and the supply chain.

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[Battery Cells & Systems Expo](#) will take place at the NEC Birmingham, Marston Green, Birmingham from 15th – 16th May 2024. Battery Cells & Systems Expo 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 over 4,500 professionals. Co-Located with Vehicle Electrification Expo, The Advanced Materials Show and The Advanced Ceramics Show, this will be a highly concentrated two days of networking, lead generation and education featuring the leaders and innovators responsible for shaping the future of this industry.

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Join the new energy industry: critical minerals, battery materials, battery manufacturing, battery application, energy storage, sodium batteries, hydrogen energy and EV in CLNB 2024! [CLNB 2024](#)(ninth) China International New Energy Industry Expo will be held at the Suzhou International Expo Center – (28-31/5/2024)

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[The Battery Show Europe and Electric & Hybrid Vehicle Technology Expo](#), 18-20 June, 2024 in Stuttgart, Germany, brings together **16,000 + engineers, executives, managers, thought leaders and professionals** from across the advanced battery and H/EV supply chain. Save the date for 3 days of learning, networking and a chance to meet **800+ exhibitors** showcasing the latest technology and innovations for your next project.

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**IFBF** The International  
Flow Battery Forum™

25 - 27 JUNE 2024  
**GLASGOW, UK**

The International Flow Battery Forum (IFBF®) is the leading event for the flow battery community. On 25-27 June 2024, the IFBF will hold its thirteenth in-person conference in Glasgow, Scotland. Over three days, the conference will feature talks, panel sessions, networking breaks, a poster session, a conference dinner and a site visit. We will discuss the latest innovations, policy updates and market challenges for the development of the flow battery sector. More than 300 business leaders, policy makers, developers and researchers from all over the world will share information and forecasts around the thriving world of energy storage and the important role of flow batteries. Website: <https://flowbatteryforum.com/>

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**WBE** World Battery &  
Energy Storage  
2024 Industry Expo

**2024 World Battery & Energy Storage Industry Expo (WBE), 2024 World Hydrogen Energy Industry Expo (WHE)**

**Date:** August 8th-10th, 2024, **Venue:** 1st and 2nd Floor, Area A, China Import and Export Fair Complex

**Address:** No.380, Yuejiang Zhong Road, Guangzhou, China, **Website:** <https://en.battery-expo.com/>

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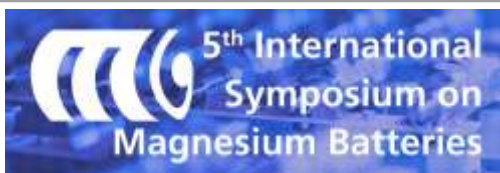
[Solid State battery Summit 2024](#) - Chicago, IL, USA August 14-15, 2024

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Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [6th Oslo Battery Days conference](#) in Oslo, Norway, August 19-21, 2024

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The 5th International Symposium on Magnesium and Multivalent Batteries (MagBatt V) will take place from September 18 to 20, 2024 in Ulm, Germany.

We will welcome some of the world's top battery speakers. The conference will feature contributions on magnesium, calcium, zinc and aluminum batteries. More information and registration:

<https://www.postlithiumstorage.org/en/magbatt-v>

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#### [9th Turkey Battery Technologies Summit 2024 – September 25-26, 2024](#)

Our Summit aims to bring together the pioneers of the industry with innovative minds and to convey the latest technological developments and international perspectives to you. Our Board of Directors and Summit Working Group are working with a focus on excellence to make this event unique. With detailed presentations from our experienced speakers and forward-thinking approaches from industry leaders, the summit will be an unforgettable experience for attendees. Summit will address every aspect of the battery ecosystem, from raw material processes to cell production techniques, from extraordinary battery applications to sustainable waste strategies, from advanced charging systems to comprehensive testing and certification processes.

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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** returns to Novi from **October 7-10, 2024**, and it's your chance to meet 750+ exhibitors showcasing the latest solutions from across the battery and EV supply chains. Registration is now live, click the link to get your free pass. Link:

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

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Battery Tech Expo Sweden 2024 - Meet manufacturers, suppliers, engineers, scientists and decision-makers across the Nordic battery value chain.

Product launches, exhibitors showcasing innovations, plus a high profile speaker agenda covering the latest advancements throughout the battery and electric vehicle industries. [www.batterytechexpo.se](http://www.batterytechexpo.se)

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Batteries 2024, 16-18/10/2024, Lyon, France

Site : <https://batteriesevent.com/>

Linkedin : <https://www.linkedin.com/in/batteries-event-lyon-france-896140146/>

Twitter : @BatteriesEvent

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[5<sup>th</sup> Future Battery Forum \(November 5-6, 2024 | ECC Berlin + online\)](#)

The **leading European management conference** brings together about **1,000 decision makers and senior experts** from the entire battery value system for two days of **exclusive C-level networking**.

On 2 stages, about **90 speakers from industry and politics** will discuss the most urgent topics for the European battery industry in keynotes, panels and tech talks. Besides this, the focus is on **interactive formats like workshops, deep dives and excursions** to industry sights – and not to forget the famous evening reception. **Over 90 exhibitors** will showcase the latest technologies and solutions for the battery industry.

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

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[The Battery Experts Forum](#) (5-7 November 2024, 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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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



[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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### 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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