



## **Shmuel De-Leon Energy - Battery Weekly Newsletter**

March 4, 2022, No. 635

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[Battery Industry Upcoming updated list](#)  
[Battery market reports 2022](#)

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### ***Virtual Battery Trainings***

1-3/3/2022 EV & ESS High Voltage Battery Pack Design Virtual Seminar (5 hours - 2 parts of 2.5 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

7/3/2022 - Free Webinar: Li-Ion LCO/NCA/NMC/LFP Pouch Cells Market

2022 (1 hour) - [Program & Registration](#)

4-6/4/2022 Battery Virtual Seminar (8 hours - 4 parts of 2 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

31.5-1/6/2022 EV & ESS High Voltage Battery Pack Design Virtual Seminar (5 hours - 2 parts of 2.5 hours each) - 16:00 PM Central Europe Time, 10:00 AM EST USA Time - [Program and registration](#)

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

20-21/6/2022 - 2nd EV Hands-On Battery and Production Seminar - [program and registration](#)

23-24/6/2022 - 7th Li-Ion Cells Manufacturing Seminar - [program & registration](#)

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### ***Special Offers***

Shmuel De-Leon Energy support customer with Li-Ion cells supply problems via our Far East cell suppliers - Join our cells customers group and get a weekly update with cells allocations and offers. send us request to be added to our cells customers group.

[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 fr free 30 days trial](#)

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

[LG buys out NEC unit, hopes to staunch “failures” in battery unit](#)

[Chicago battery maker acquired by Beam Global](#)

[Extinguishing Lithium-ion Battery Fires Can Take Thousands of Gallons of Water -- Much ... - Latest Tweet by Bloomberg](#)

[Electric vehicles fire: No safety norms yet](#)

[This graphene player says supercapacitors could enhance the performance](#)

[and range of lithium-ion batteries](#)

[Addionics nabs investment for smart battery tech](#)

[Call2Recycle Releases 2021 U.S. Battery Collection Data](#)

[China's Envision aiming to produce EV batteries that will offer 1,000 km range, shorter charge times by 2024](#)

[RELiON Battery announces aftersales agreement with Hyster-Yale Group](#)

[Stadler to Trial Battery Mode Operation in the Netherlands](#)

[FlexEnergy, Ohio startup, gets commercial rights to Air Force's flexible Li-ion battery tech](#)

[VW settles on location for Spanish battery plan](#)

[QuantumScape opens R&D center in Japan to expand solid-state battery development](#)

[Tractor maker Daedong looking to acquire LFP battery packaging firm](#)

[Mastervolt Launches New Compact Lithium-Ion Battery](#)

[Festo 'investing heavily' in automating electric vehicle battery production](#)

[Envision Group to Invest \\$7.5B in Hubei Power Battery Plant](#)

[Sunwoda's Shares Rise After Nio, Li Auto, Other Firms Invest USD380 Million in EV Battery Unit](#)

[Energy density of Dongfeng model's solid-state battery on par with regular one](#)

[Li-Metal and Blue Solutions Sign Joint Development and Commercialization Agreement to Advance Development of Next-Generation Batteries](#)

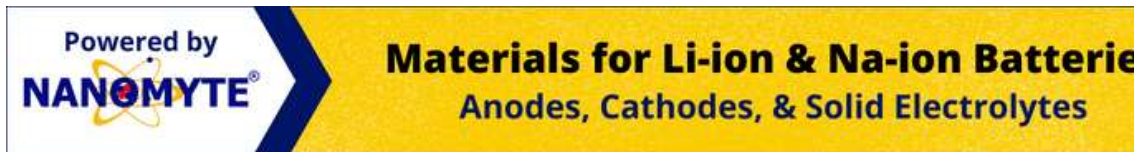
[EV Manufacturer Mullen Announces Progress on Solid-State Polymer Battery Pack Development](#)

## ***Battery Materials news***

[Redwood Materials launches new EV battery recycling program in California](#)

[Electra, Glencore, and Talon Partnering with Government of Ontario on Battery Materials Park Study](#)

[Lithium Hydroxide Prices Rose by 7,000 yuan/mt, Lithium Metal Prices Jumped by 60,000 yuan/mt](#)



[NEI Corporation](#) is now offering custom produced, pre-cut electrodes. The new product complements our extensive line of materials and testing services for both lithium-ion and sodium-ion batteries.

[Sumitomo Osaka Cement : Regarding the Conclusion of a Lithium Iron Phosphate \(LFP\) Battery Materials Business Transfer Contract\(547.46kb\)](#)

[Talga produces Europe's first battery anode](#)

[Next-gen battery component maker opens pilot plant in Rochester](#)

[Korea, U.S. and China Competing in EV Battery Recycling Market](#)

[Solus Advanced Materials to diversify battery foil business and base ..."Aiming at 2.3 trillion won in sales in 2026"](#)

[Ukraine situation threatens NEV battery production](#)

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

[Guanghua Sci-Tech Surges on Joining Hands With Panasonic China, Aulton on Battery Management](#)

[China's First Highway Battery Swap Service for Heavy-Duty Trucks Get Going](#)

[CATL Signs Deal Aiming to Make Battery Swapping More Mainstream](#)

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

[Enphase Energy Expands Battery Storage in New Jersey](#)

[We're going to need a lot more grid storage. New iron batteries could help](#)

[Zinc battery storage player Eos confirms start of expansion at Pittsburgh factory](#)

[China's Giant Grid Plans World's Biggest Battery Storage Fleet](#)

[Enel to build 1.6 GW/6.6 GWh of storage under Italy's capacity market scheme](#)



March 16-18, 2022 - Rechargeable batteries attract attention year after year in the fields of automobile/housing/business applications and mobile applications. [BATTERY JAPAN 2022](#) is the world's largest\* exhibition specialised in manufacturing and R&D of rechargeable batteries. All kinds of materials, manufacturing technologies, inspection/analysis equipment, and battery itself will gather from around the world. Exhibit & Visit the show to expand your business in Japan and Asia!  
(\*"Largest" in reference to the met exhibit space of trade shows with the same concept.)



**InterBattery2022**, first launched in 2013 in Seoul, Korea, is Korea's leading battery exhibition showcasing various new products and technologies related to battery industry. Running concurrently as a part of 'Energy Plus', it attracts over 900 domestic and overseas exhibitors and 1,500 booths! **Discover Your Opportunity by Broadening Your Perspective and Relationship at InterBattery 2022!**



International battery seminar & exhibit 2022 - March 28-31/2022



The Battery Technology Show, 5-7 April 2022, TCF Centre, Detroit, USA, Innovation in battery technology is moving at an incredible pace, with applications across every aspect of our lives, whether automotive, aerospace, manufacturing or consumer technology. The Battery Technology Show brings together thousands of delegates to discover the latest developments. The event's two conference tracks will also allow visitors to

hear from some of the leading companies and individuals shaping the forthcoming revolution. <https://batterytechnologyusa.com/home>

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**E-TECH EUROPE 2022** is the international event for **innovative electrical and electronic technologies** which will take place in the prestigious **Bologna Exhibition Center, (Italy)** on **12-13 April 2022**. The fair wants to position itself as the reference point for the **next industrial and economic “green revolution”**, which will involve the entire supply chain across the **electrification and electronics sectors**, in particular for the **automotive world**.

For more information, please visit our website: <https://e-tech.show/>

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The 5th FENIBAT will gather in Londrina, Paraná, Brazil, from May 22 to 24, 2022, the Brazilian and Latin American battery and lead recycling industry with its international suppliers through its Expo and Conference. The FENIBAT public includes not only industrialists, high management and investors but also middle-managers, supervisors and technicians of Administration, Purchasing, Production, Maintenance, Projects and Product Development, Quality Control, Laboratories, Metrology, Work Health and Safety, Environment, etc.; In this issue, we will also have, as part of FENIBAT, the 1st FENILITIO, a part, in the Exhibition and Conference, dedicated to new battery chemistries that are under development.

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Following the success of the 1st and 2nd event editions, ACI's European Electric Vehicle Batteries Summit will be taking place in Rotterdam, the Netherlands on 8<sup>th</sup> – 9<sup>th</sup> June 2022 . It will bring together industry leaders from major car manufacturers, off high road vehicle manufacturers & battery producers. Don't miss out on this excellent networking opportunity.  
. Agenda [Here](#)

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AABC Europe - 13-15 June 2022

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## THE BATTERY SHOW EUROPE



[The Battery Show Europe](#) : 28-30/6/12/2022 - Join industry peers at the leading meeting place for the advanced battery and H/EV technology community, where you can meet over 500 suppliers and watch live product demonstrations. Register today for a complimentary pass. Running alongside the free-to-attend trade fair is an expert-led conference with speakers from top manufacturers. - **Messe Stuttgart, Germany.**

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[Battery Cells & System Expo 2022](#) - A major exhibition and conference for the advanced battery industry launches on 29th-30th, June, 2022 at the NAEC Stoneleigh, Warwickshire UK. This international showcase of manufacturers, users and the entire supply chain working to increase battery performance, cost and safety will gather in the heart of UK manufacturing.

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### Battery Experts Forum

THE international expert platform for the latest trends, product developments and solutions in battery technology will be back in 2022. Three days full of inspiring presentations, informative exhibition stands and active networking await you from July 12-14 at Messe Frankfurt. Register now and book your exclusive booth space for your company or get your conference ticket to an affordable early bird price! More information on [www.battery-experts-forum.com](http://www.battery-experts-forum.com)

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Hans H. Schive from Asker, Norway together with Shmuel De-Leon Energy will organize the [4th Oslo Battery Days conference](#) in Oslo, Norway, August 22-23, 2022.

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The 4th International Symposium on Magnesium Batteries (MagBatt IV) will take place from September 6 to 8, 2022 in Ulm, Germany. As always we will

welcome some of the world's top battery speakers. This time we extend the program with calcium, zinc and aluminum batteries.

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

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## THE BATTERY SHOW NORTH AMERICA

**The Battery Show** - September 12-15, 2022 Headline: Ready to Inspire the Next Great Battery Application? Now in its 10th year, The Battery Show 2021 is North America's largest and most comprehensive annual trade show event for the advanced battery manufacturing industry representing the entire supply chain from raw materials through end-of-life battery recycling. Combined with the Electric & Hybrid Vehicle Technology Expo, this two-in-one event gives you a complete end-to-end view across the entire battery supply chain.

**Electric & Hybrid Vehicle Technology Expo** - Headline: Join the Auto Revolution at the EVT Show. Each year, engineers, innovators, and thought leaders converge in Novi, Michigan, for a conference and expo dedicated to the fast-moving EV and HEV drive train and power system industries. Combined with The Battery Show, this two-in-one event offers the latest in electric motors, cooling, converters, and charging as well as an end-to-end view across the complete battery supply chain.

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**Batteries Event 2022** will take place in Lyon, France, 18-22/10/2022. Our ambition: to be a must-attend event for those who want to meet with high level representatives and have a clear vision of the profound transformations to come, made possible by the massive growth of the battery industry in Europe. We will welcome you in Lyon, from October 18 to 21, at Palais des Congrès. We expected +500 attendees, 100 international speakers and +60 booths.

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

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

Twitter : @BatteriesEvent

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**AABC USA** - 5-8 December 2022

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[1st EV & Stationary Battery Conference](#), Vitoria, Spain 2022 Dates TBD - Shmuel De-Leon Energy and CIC energiGUNE decided to organize yearly battery conference that will be a place to discuss and provide a platform for technological innovations and business opportunities in Spain and abroad. The conference will discuss the latest advances and innovation in Electric Vehicle's & Stationary batteries.

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[The 15th China International Battery Fair \(CIBF2023\)](#), organized by China Industrial Association of Power Sources, was originally planned to be held in Shenzhen Convention & Exhibition Center. The novel corona virus is spreading all around the world. In order to protect the health and life safety of exhibitors, visitors and partners, and ensure the exhibition results of exhibitors at home and abroad, we solemnly announce: the 14th China International Battery Fair, CIBF2021 will be held in Shenzhen Convention & Exhibition Center on March 17-29, 2023, and the exhibition venue, booth number and area of exhibitors will remain unchanged.

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[49th Power Sources Conference](#), TBD 2023, Sawgrass Marriott Resort, Jacksonville, FL, USA

The Power Sources Conference is the oldest continually held biennial conference devoted to research and development of power source, energy conversion, power distribution and management technologies for military use. The conference goal is to bring Government, industry and academic researchers and developers together to discuss advances in power and energy technologies to support the growing power demands of military platforms and electronic systems.

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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)

