



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

April 29, 2022, No. 643

Sent to Battery industry members since 1/2010, [Join our mailing list](#)  
[Battery Industry Upcoming updated list](#)  
[Battery market reports 2022](#)

---

---

### ***Our advertisers & sponsors***



---

---

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

16-18/5/2022 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](#)

Li-Ion Cells Manufacturing Virtual Seminar - 19-20/7/2022 - 7 hours training - [Program & Registration](#)

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

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

7-8/9/2022 - 8th Li-Ion Cells Manufacturing Seminar - [program & registration](#)

---

### ***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 for free 30 days trial](#)

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

[QuantumScape sets up solid-state battery R&D center in Japan](#)

[Startup ONE says battery prototype delivered 750-mile range](#)

[SK On to build pilot line for prismatic battery](#)

[GM and Honda in Talks to Develop Solid-State EV Batteries](#)

[Log9 will build battery cells in India](#)

[LG Energy Solution picks Queen Creek for battery manufacturing facility](#)

[Sunrise brief: Statevolt shares plans to build \\$4 billion EV battery gigafactory with 54 GWh output in southern California](#)

[Britishvolt & Italtvolt founder announces US subsidiary](#)

[Proterra to improve battery capacity on the ZX5 bus](#)

[Egyptian electric mobility startup Shift EV secures Series A funding](#)

[Manz AG receives follow-up order from Britishvolt](#)

['One of the largest EV battery Gigafactories in North America' to be built in California](#)

[Exclusive-Soelect, Lotte Chemical aim to scale up U.S. output of battery components](#)

[Alelion builds center of excellence for advanced battery technology in Gothenburg](#)

[LG Chem and Henkel work to control lithium battery fires](#)

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

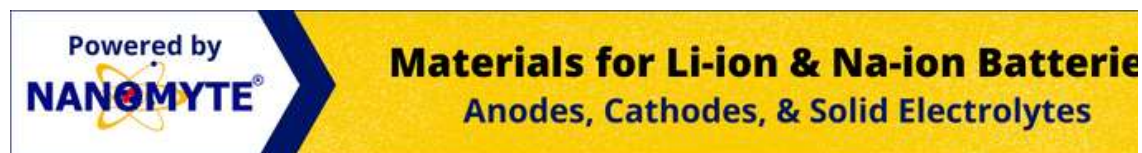
[LG Chem, LG ES seal 'preferred battery recycling partner' deal with Li-Cycle](#)

<https://www.bloombergquint.com/business/gm-and-honda-in-talks-to-develop-solid-state-ev-batteries>

[Start-Up MOBI LATAM partners with EnergyX to develop Bolivian domestic lithium battery supply chain](#)

[Freudenberg Group regroups battery and fuel cell biz](#)

[Win-Win Effects Expected from Korea-U.S. Cooperation in Battery Raw Materials](#)



[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.

[NIO's semi-solid-state battery supplier WeLion signs deal for 30,000 tons of cathode material](#)

[Call2Recycle Partners with Li Industries to Innovate Battery Sorting and Recycling](#)

[ENTEK Announces Absorptive Glass Mat \(AGM\) Separator Production Expansion to India and the US](#)

[Altech \(ASX:ATC\) riding high on excellent PFS results for German battery material plant](#)

[NEO Battery Materials fast tracks their silicon anode EV battery material plant in Korea](#)

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

[CATL Opens Its First Battery Swapping Stations In China](#)

[Terra Motors' EVs To Be Integrated With SUN Mobility's Swappable Batteries](#)

[ZapBatt Intros Super Fast-Charging, Long-Life E-Bike Battery](#)

[Infineon's new Battery Management ICs offer excellent measurement performance and enable optimized battery lifetime](#)

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

[Google picks Fluence for 2.75MW grid-supporting battery system in Belgium](#)

[Zinc-ion battery for residential applications](#)

[Leclanche to supply 11.9-MWh battery for German solar park](#)

[Google 'excited' for potential of battery-based technologies at data centres](#)

[Enphase Energy Expands Battery Storage in South Carolina](#)



**Location and Date: Washington, DC: May 16 – 18, 2022**

**URL: <https://www.iqpc.com/events-more-electric-aircraft-usa-d-c>**

**More Electric Aircraft USA East Coast** brings together pre-screened stakeholders to ensure maximum knowledge transfer and professional

exchange. Join us for our **three-days-program** with lectures and interactive workshops and meet international experts from **OEMs, suppliers, associations, and academia**. **Connect** to learn about changes, experiences, and challenges in the fields of More Electric & Hybrid Aircraft. Are you ready?

---

Cost Effective Vehicle Architecture Design & The Parallel Development Of Fuelling Infrastructure  
**Hydrogen Fuel Cell, Battery Electric Trucks & Commercial Vehicle**  
**TECHNOLOGY & INFRASTRUCTURE SOLUTIONS 2022**  
-- Compare Cost & Performance Of Hydrogen & Battery Electric Systems For Heavy & Medium Duty Vehicles --  
-- Develop & Funding Solutions For Charging, Storage & Fueling --

May 18-19, 2022, For the first time ever, a comprehensive comparative analysis of hydrogen fuel cells and electric batteries will be undertaken, exploring the latest technological breakthroughs to make both more affordable and adaptable to heavy-duty vehicles. The commercial implications for fleet operators will be fully drawn out, comparing the total life cycle assessments for both.

---



[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.

---



[Cathode Summit 2022 - Virtual - May 24-25, 2022](#)

---



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](#)

---



AABC Europe - 13-15 June 2022

---



June 21-22, 2022 - The Battery Electric Vehicles Architectures USA Congress 2022 is pitched at the whole vehicle systems design level to help OEMs and tier 1-3 supplier partners understand the key engineering trends and new technology applications for the next generation of B.E.V.s. **Topics like these on improving energy efficiency, balancing thermal performance and weight reduction** are amongst the key engineering themes driving many of the OEM panel presentations

---



[The International Flow Battery Forum \(IFBF®\)](#) is the leading event for the flow battery community. The IFBF promotes the most recent developments in the science, technology and deployment of flow batteries and its conferences cover a broad range of interests in research and commercial aspects of flow batteries. Since 2010 the IFBF has been running conferences attracting over 250 attendees each year.

---



[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.**

---



[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.

---



#### 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)

---



[Solid State battery summit 2022 - August 2-3, 2022 - Chicago, IL, USA](#)

---



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.

---



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>

---



**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.

---



**The 6th World Energy Storage Day**- Global Conference and virtual Expo (GCE), which will be held on 22 September 2022. WESD is a global movement initiated by various apex trade bodies working to promote and adopt energy storage, e-mobility & green hydrogen technologies for a sustainable future. This event is one of the largest open global event in this domain. The program highlights include: Country roundtable, Technology workshop, Partner seminar, Virtual tour, Start-up pitch, Product launch, Networking lounge, Virtual expo, Media corner

---



The 12th Battery Safety Summit 2022 - October 17-19, 2022

---



**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

---





[AABC USA](#) - 5-8 December 2022

---



16-17 March 2023 - Rechargeable batteries attract attention year after year in the fields of automobile/housing/business applications and mobile applications. [BATTERY JAPAN 2023](#) is the world's largest\* exhibition specialized 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.)

---



[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.

---



International battery seminar & exhibit 2023 - March 20-23/2023

---



**InterBattery2023**, 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!**

---



[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.

---

**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)