



# Tokyo lithium-ion batteries





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### [Safe Lithium-ion Battery Disposal Campaign in Tokyo's 23 Wards: Easy](#)

The risks associated with keeping degraded batteries, such as fire hazards and leaks, have prompted the launch of this campaign. It aims to provide an affordable solution that encourages proper ...

### **Cobalt-free battery for cleaner, greener power , The University of Tokyo**

For the first time, a team including researchers from the University of Tokyo presents a viable alternative to cobalt which in some ways can outperform state-of-the-art battery chemistry. It also survives a ...



### [Next-generation Na-Ion Batteries and Safer Li-Ion Batteries , Tokyo](#)

Tokyo University of Science official website. Information about Next-generation Na-Ion Batteries and Safer Li-Ion Batteries at TUS.



### [Japan's Shift from Lithium to Sodium Batteries: A Strategic Pivot in](#)

In response to these challenges, Japan is actively exploring sodium-ion technology as a viable alternative. Sodium-ion batteries (SiBs) offer several advantages over LiBs, including abundant and ...



## BATTERY JAPAN Tokyo 2026

The fair offers an extensive range of topics, including various types of rechargeable batteries such as lithium-ion, nickel-metal hydride, nickel-cadmium, and lead-acid batteries, as well as other energy storage systems.



### [Japan to safely discard used lithium-ion batteries: Environment](#)

Amid a series of fires caused by lithium-ion batteries, the Environment Ministry has put together a new policy for collecting used batteries. It calls on municipalities to collect from



## Shuichiro Hirai

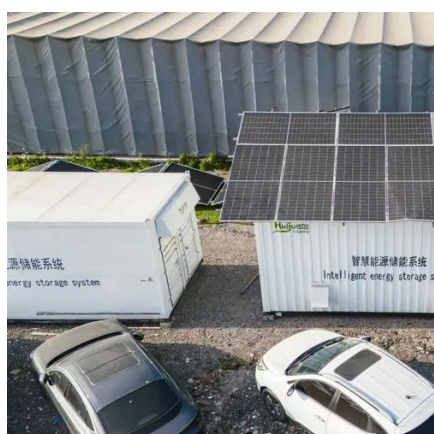
Professor Shuichiro Hirai has been working toward this goal through development of real-time visualization technology for a wide range of battery cells installed on EVs and FCVs. EVs today principally employ lithium ...



### [Scientists develop easily recyclable lithium-ion battery electrolyte](#)



In a bid to make lithium-ion batteries safer, cleaner, and easier to recycle, scientists at the Institute of Science Tokyo have developed a novel quasi-solid electrolyte.

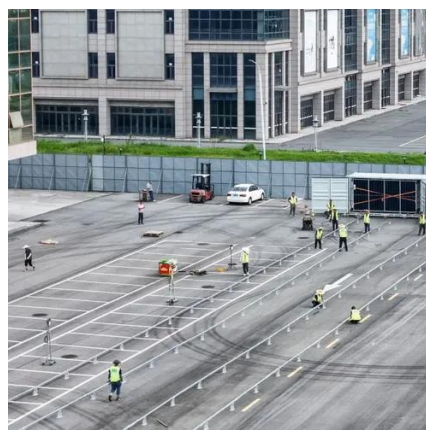


### [TOKYO REPORT: Lithium-ion Battery Fires Spur Safety Concerns in Japan](#)

Raising safety awareness remains a key challenge in preventing such accidents. According to the National Institute of Technology and Evaluation, lithium-ion batteries are vulnerable to heat

### **BATTERY JAPAN**

BATTERY JAPAN brings together a wide range of technologies, components, materials, and devices essential for the development and production of rechargeable batteries. The exhibition serves as a central hub for ...





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