

January 30, 2026

Chiyoda awarded an EPC Contract by Idemitsu Kosan Co. Ltd for a large solid electrolyte pilot plant, aimed at the practical application of All-Solid-State batteries.

Chiyoda has also established a Strategic Partnership with Idemitsu Kosan Co. Ltd for medium to long-term mass production of solid electrolytes

Chiyoda Corporation (Chiyoda) has been awarded an Engineering, Procurement and Construction (EPC) contract by Idemitsu Kosan Co., Ltd. (Idemitsu) for a large solid electrolyte pilot plant, aimed at the practical application of All-Solid-State lithium-ion batteries. A strategic partnership has also been established between the two companies, based on Chiyoda's continuous execution of operations related to Idemitsu's solid electrolyte business and our project execution capabilities.

The project is part of Idemitsu's goal of practical use of All-Solid-State batteries by 2027-2028, primarily for electric vehicles to enhance range, reduce charging time and improve safety. The pilot plant is expected to produce hundreds of tons of solid electrolytes annually.



Image of the completed large solid electrolyte pilot plant
(The corresponding system is outlined in blue)

Chiyoda is also engaged in enhancing the capacity of a small-scale demonstration plant for solid electrolytes, scheduled for completion in 2025, and is working on a large-scale production facility for lithium sulfide, with completion expected in 2027.

The strategic partnership has been established to accelerate the mass production of solid electrolytes in response to the anticipated increasing global demand for All-Solid-State batteries. Both companies will collaborate on manufacturing sulfide-based solid electrolytes and will share expertise to achieve this goal.

As a comprehensive engineering company, Chiyoda will continue contributing to carbon neutrality and the development of a sustainable society under our purpose of 'Enriching Society through Engineering Value'.

For further information, please contact:

Chiyoda Corporation

IR, PR & Sustainability Advanced Section

Email: chiyoda_pr@chiyodacorp.com

URL: <https://www.chiyodacorp.com/en/contact/index.php>