

July 9, 2026

Established a "Building to Building" Horizontal Recycling Model for Aluminum Sashes

- Ensuring Traceability and Recycling the Material into a New Research Building -

Toda Corporation (Head Office: Chuo-ku, Tokyo; President: Seisuke Otani), in collaboration with LIXIL Corporation (Head Office: Chiyoda-ku, Tokyo; President: Kinya Seto), has established a "Building to Building" horizontal recycling^{*1} model. Under this model, waste aluminum sashes generated from the demolition work (general contractor: ZECOS Co., Ltd.) of the former building (Chuo-ku, Tokyo) associated with the relocation of Tokyo Kensetsu Kaikan^{*2} are used as raw material to manufacture new aluminum sashes, which are then reborn as curtain walls for the Structural Materials Building (tentative name) at the Company's Tsukuba Technology Research Institute, currently under construction.

This initiative is an industry-first attempt to recycle aluminum sash waste from a demolished building and utilize it for a specific building. Further, consistent traceability has been ensured across all processes for the aluminum sash waste generated by the former building, from transport, sorting, and melting to casting and sash manufacturing. In addition, "PremiAL R100," an aluminum profile using 100% recycled aluminum developed by LIXIL Corporation, will also be used for other aluminum sashes in the Structural Materials Building (tentative name).

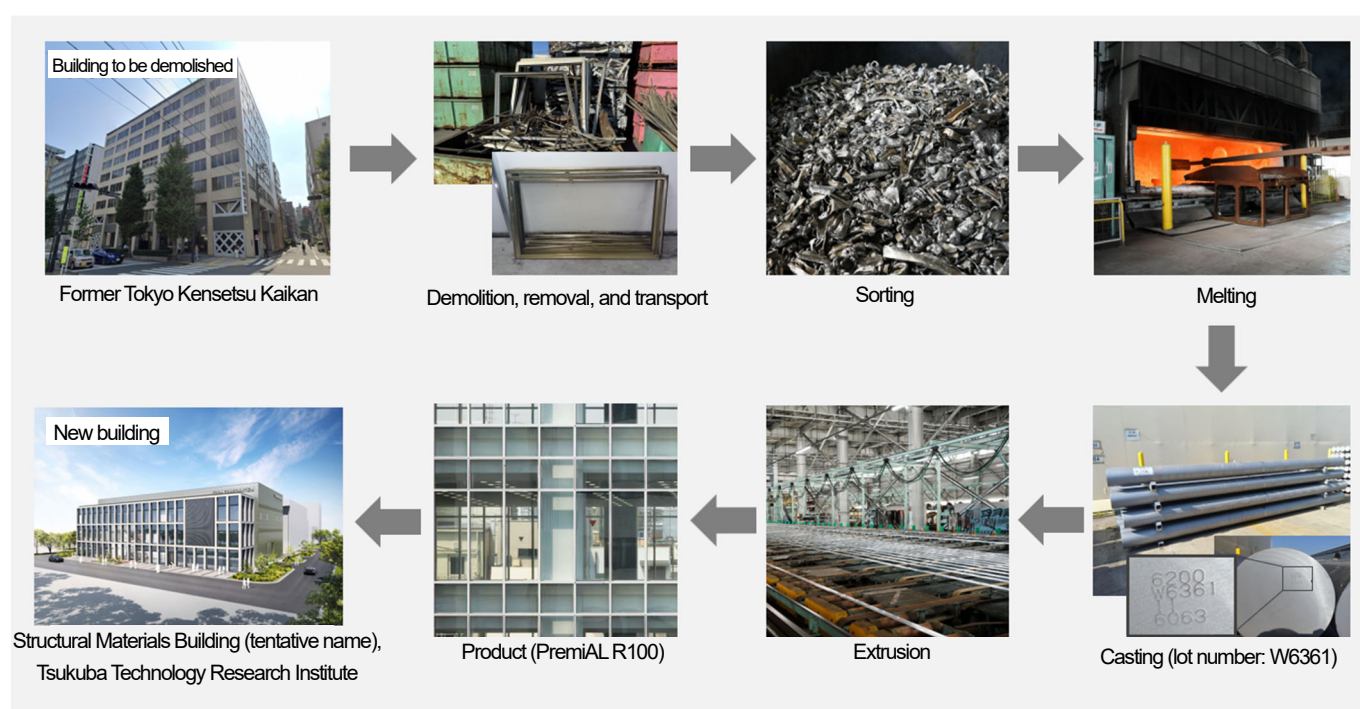


Figure: Horizontal recycling with ensured traceability of aluminum sash waste

In recent years, the importance of resource circulation in construction projects has been increasing from the perspective of promoting a circular economy. Since Japan relies entirely on imports for the new aluminum ingot required for manufacturing aluminum products, expanding the use of building materials made from recycled aluminum is an urgent priority.

This initiative is expected to serve as a measure for promoting resource circulation in buildings, and it is also an example that meets the needs of customers planning to rebuild a building that has sentimental value to them. In addition, since bauxite, the primary raw material for aluminum, requires a large amount of electricity during its refining process, promoting aluminum recycling also contributes significantly to the achievement of a decarbonized society.

Going forward, the Company will continue to promote further use of the horizontal recycling route established through this initiative, and will contribute to the achievement of a circular economy by striving for increased sophistication of resource circulation.

*1 Recycling to manufacture the same type of product using used products as raw material

*2 A base facility for organizations such as the Japan Federation of Construction Contractors and the National General Contractors Association of Japan (general incorporated associations)

Building Overview

[Building to Be Demolished]

Building Name	Former Tokyo Kensetsu Kaikan (owned by the Company)	Location	2-5-1 Hatchobori, Chuo-ku, Tokyo
Structure/Floors	RC construction, eight floors above ground/two floors below ground	Total Floor Area	10,107.48 m ²
Completion	May 1955	Demolition Period	October 2025 to August 2026

[New Building]

Building Name	Structural Materials Building (tentative name)	Location	315 Kaname, Tsukuba City, Ibaraki (inside Tsukuba Technology Research Institute)
Structure/Floors	S construction (partially RC), three floors above ground	Total Floor Area	Approx. 4,350 m ²
Design/Construction	Toda Corporation	Completion	March 2027 (planned)

The Company will optimize its management resources to promote revenue growth and improve capital efficiency, aiming to enhance corporate value while achieving its medium- to long-term target of 10% ROE.

