

June 30, 2026  
SBS Holdings, Inc.  
Toshiba Corporation  
Drive Electro Technology K.K.

**SBS Holdings, Toshiba and DET Launch Demonstration to Support Wider Use of  
Commercial EVs in Logistics**

Verification of an integrated model that combines retrofitted EV trucks, used SCiB rechargeable lithium-ion batteries and ultra-fast charging

Tokyo and Kawasaki, Japan—SBS Holdings, Inc., Toshiba Corporation (“Toshiba”) and Drive Electro Technology K.K. (“DET”) today announced their collaboration in a practical demonstration of how commercial EVs can be more widely used in the logistics sector. The three companies will use the demonstration, which started in late June 2026, to verify the feasibility of an operational model integrating three elements: retrofitted EV trucks; a stationary energy storage system using reused batteries; and ultra-fast charging.

The initiative will evaluate how a diesel truck converted to run as an EV, a stationary energy storage system providing power from reused batteries, and ultra-fast charging operations can together function as a single operational system at a logistics site. The companies aim to demonstrate a practical model that covers vehicle, charging infrastructure and power supply challenges in logistics. This integrated evaluation of the factors represents a pioneering approach, even in Japan.

Efforts to advance carbon neutrality are accelerating the adoption of electric vehicles—but expanded use of commercial EVs in logistics still has multiple hurdles to clear, including securing space for charging facilities, the cost of infrastructure investment, and the effective use of used batteries, which are expected to increase in volume in the future. In urban logistics operations, these challenges are particularly evident in long charging times that affect vehicle availability and limited space for charging infrastructure.

The demonstration will address these challenges at a logistics site in Tokyo owned by SBS Group. DET has retrofitted diesel trucks into all-electric vehicles, and Toshiba has supplied its reused SCiB lithium-ion batteries, which are known for their rapid-charging performance, for use in a stationary energy storage system for EV charging. The companies will evaluate charging operations, examine whether multiple vehicles can be

charged efficiently with a single charger, and assess the potential to reduce charging space requirements and improve vehicle availability.

The results are expected to accelerate the practical application of an integrated model that will contribute to the wider use of commercial EVs.



An EV truck retrofitted from diesel