

## **Qiyuan Green Power's Green Power Transportation Solution Shortlisted for BRICS Solutions Awards**

Recently, the Green Power Transportation of Shanghai Qiyuan Green Power Technology Co., Ltd. ("Qiyuan Green Power") has been shortlisted for the 2024 BRICS Solutions for Sustainable Development Goals Awards.



The BRICS Solutions Awards, initiated by the BRICS Foundation Alliance, promote the achievement of the UN's Sustainable Development Goals (SDGs) by showcasing best practices and solutions. This year, 556 projects from 11 countries and multinational companies were nominated, with five projects from China making the final list. Qiyuan Green Power's Green Power Transportation: Carbon Emissions and Climate Control Practices in China's Road Freight solution has been shortlisted in the Climate and Environmental Technology category, which highlights its growing influence in the field of global green development.

Leveraging its expertise in energy, Qiyuan Green Power pioneered the "vehicle-battery separation" model for electric heavy-duty trucks, enabling rapid battery swaps in 3-5 minutes. This innovation addresses the dual challenges of slow recharging and high upfront costs, accelerating the adoption of electric heavy-duty trucks and machinery across China. Using its self-developed shared vehicle-storage battery, the company integrates transportation and energy sectors, driving advancements in electrification and contributing to new power systems. Qiyuan Green Power, as an advanced technology development and energy service enterprise for new energy commercial vehicles, has the most mature business and the widest application in China.

Qiyuan Green Power now operates over 1,000 battery swap stations across all provinces in China, supporting approximately 45,000 electric heavy-duty trucks and machinery. Collectively, these vehicles have traveled over 1.9 billion kilometers, promoting low-carbon solutions in long-haul freight, mining, steel production, ports, and urban construction. The "vehicle-battery separation" model is also expanding to international markets, including Indonesia and Mongolia. The solution's green, low-carbon, cost-effective, and scalable design has been well-received globally.