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DHL Group ramps up New Energy Logistics as demand for energy resilience surges

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DHL Group has invested substantially in capabilities around the globe after identifying New Energy as a growth area in its Strategy 2030, which was announced in the fall of 2024.

- Combines capabilities across Express, Global Forwarding and Supply Chain
- Launches Time Definite Plus through DHL Express's existing network, for bespoke customer requirements
- Continues to expand network of electric vehicles, battery logistics and energy storage facilities

Amsterdam - Amid the backdrop of fossil fuel supply disruptions, DHL Group announced its plan to further strengthen its capabilities and presence in the New Energy sector. Based on strong customer demand for its services in this sector, DHL Group sees an opportunity to grow its revenue in New Energy logistics from around EUR 600 million in 2025 to EUR 3 billion by 2030. As the world refocuses on diversifying energy sources and building domestic renewable energy capacity for energy independence, DHL Group is gearing up to support these initiatives with new solutions across various segments.

DHL Group has invested substantially in capabilities around the globe after identifying New Energy as a growth area in its Strategy 2030, which was announced in the fall of 2024. The disruptions to fossil fuel energy supply have further increased the relevance of secure, resilient, and sustainable energy systems. Around three-quarters of the global population lives in countries dependent on imported fossil fuels, leaving them exposed to geopolitical disruptions(1). DHL Group has developed end-to-end logistics solutions spanning eight key segments, including alternative fuels, battery energy storage systems, electric vehicles and their batteries, hydrogen, grid infrastructure, as well as solar and wind.

"The energy transition is not happening through a single technology and a single supply chain. It is a set of different assets, that help countries to shift. DHL has the capabilities to help establish this new supply chains end-to-end, from parts and components to aftermarket support, at a global scale like no one else. Data from the International Energy Agency tells us that new energy is scaling at a record-breaking pace, outstripping all other power sources(2). Our combination of reach, reliability, and sector expertise is what companies and countries

can lean on to facilitate the energy transition and bolster resilience", said Tobias Meyer, CEO, DHL Group.

Keeping wind turbines moving

"We are no strangers to the transport of large and complex machinery or the specific requirements of New Energy logistics. We have expertise in every single step of the supply chain, enabling end-to-end or modular logistics solutions. With more than 750 industrial project experts, a global network of warehouses, capabilities in multi-modal solutions and a dedicated Express aircraft fleet, we are ideally prepared to help our customers ramp-up supply chains and access new markets," said Martyn Lawns, CEO, DHL Industrial Projects and Senior Vice President, Growth for New Energy, DHL Group.

The wind sector is entering a new phase, having reached around 1.3 terawatts (TW) of installed wind capacity globally. The industry is no longer just building wind farms but also operating them at scale, in turn opening more opportunities for DHL to lean into its expertise to support the maintenance, repair and overhaul (MRO) of these wind farms.

"With many of these wind farms located remote places, our customers require us to get the spare parts quickly and efficiently to these sites. This is why we are launching our new bespoke service, Time Definite Plus, which uses the DHL Express network with added customized delivery options," he added.

Time Definite Plus will offer scalability and efficiency through DHL Express's existing network while adding services to meet bespoke requirements such as timed shipment delivery, special delivery requirements, Swap & Return solutions and delivery at challenging locations. This new service will be available in 22 countries and territories across Europe, with plans for further global rollout.

DHL's network of front-stocking locations will also provide regional and local warehouses and transport support for MRO needs. It has more than 1,100 front-stocking locations that can deliver spare parts within a 4-hour window to 88% of wind farms globally. This can help minimize downtimes through global spare parts and maintenance, ensuring a reliable infrastructure for energy security.

Through the new Time Definite Plus service and its existing service logistics capabilities, customers can choose different service levels based on maintenance needs, from express delivery of critical large components to standard delivery of lower-cost smaller items.

Powering the electrification journey

DHL Group also continues to invest in the electric vehicles (EVs) and EV battery ecosystem, having announced new facilities for Europe. It recently broke ground on a new

European Battery Logistics Hub in Holtum, the Netherlands, further expanding its European capacities for battery and energy storage logistics. The batteries handled at the Holtum site are intended for use in EVs as well as in the rapidly growing segment of battery energy storage systems (BESS), including home storage and solar energy applications.

The new site will offer 17,000 square meters of specialized storage and service space for high voltage batteries and is closely connected to DHL Supply Chain's existing Holtum automotive operation located next door. Together, the two facilities create an integrated campus offering end-to-end solutions for electric mobility and energy systems across Europe. The new hub is scheduled to go live in early 2027.

It also opened an EV and Battery Center of Excellence (COE) in France, located in Meung-sur-Loire, and is currently expanding its footprint with additional locations nationwide. It offers a one-stop solution for compliant storage and distribution of EV parts and batteries, supporting inbound manufacturing flows and integrated aftermarket services. A recycling solution is already in place with specialized partners and be deployed from this COE.

DHL now has more than 20 EV COEs worldwide, with launches in India and Peru planned for later this year.

Customers looking to ship batteries will also have a new option with DHL's Thermoliner solution. The Thermoliner solution is an innovative, patented integral insulation system manufactured by DHL that protects cargo from extreme temperatures and humidity. It also offers protection against thermal shocks, container rain (condensation), and cross-contamination.

"The shift to New Energy is about building systems that are not only sustainable, but resilient and secure at scale. That requires supply chains that can adapt quickly, operate reliably and support growth across multiple technologies and markets.

This is where we come in with the proven ability to deliver integrated solutions across the Group, from infrastructure development and inbound to manufacturing, to transport and delivery to site, and finally, aftermarket, maintenance, decommissioning and circularity. We have a role in every step of the value chain, making New Energy Logistics a key growth opportunity for the Group," said Oscar de Bok, CEO, DHL Global Forwarding.

(1) Three facts that show how solar and wind strengthen energy security | Ember

(2) International Energy Agency: Renewable power capacity is projected to increase almost 4 600 GW between 2025 and 2030 - double the deployment of the previous five years (2019-2024). Growth in utility-scale and distributed solar PV more than doubles, representing nearly 80% of worldwide renewable electricity capacity expansion.

https://www.iea.org/reports/electricity-2026

Source: DHL Group