



April 13, 2023  
Yamato Transport Co., Ltd.

## Yamato Transport Launches Development of GHG Emissions Visualization Tool Based on ISO 14083:2023

Yamato Transport Co., Ltd. (Headquarters: Chuo-ku, Tokyo; Representative Director and President: Yutaka Nagao, hereinafter “Yamato Transport”) has begun development of a greenhouse gas (GHG) emissions visualization tool based on ISO 14083:2023.<sup>1</sup> This international standard for greenhouse gas (GHG) emissions calculation in the logistics domain was issued on March 20, 2023.

The newly issued ISO standard is for GHG emissions calculation and encompasses truck as well as all other modes of transport and terminals, including air and marine transport. The intent is to enable the calculation of GHG emissions generated during transport conducted by Yamato Transport that fall under Scope 3 for corporate customers in a more realistic manner.<sup>2</sup>

The company expects to complete the visualization tool in October 2023.

1. Standard for calculation of GHG emissions generated during transport, covering all logistics companies (road, rail, air, marine, water, etc.)
2. Indirect GHG emissions generated by companies in the supply chain.

### 1. Background and Summary of the Initiative

Coping with climate change is an urgent issue for the international community, and many companies are promoting a wide range of initiatives to achieve virtually zero GHG emissions toward fulfilling their social responsibility. Moreover, business now has the duty to respond not on an individual company basis but across the breadth of the supply chain. This includes making the reporting of product-related GHG emissions a condition of transactions with suppliers.

Although numerous companies and countries have adopted a host of different standards for calculating GHG emissions in the logistics domain, supply chain globalization has heightened the need for an international standard.

In July 2022, the Yamato Group signed a basic agreement with France’s DPD Group—which

has the largest home delivery network in Europe—to achieve the visualization of logistics GHG emissions and cooperate in the environmental field, and the two entities have actively participated in the formulation of calculation standards for ISO 14083:2023.

Yamato Transport will be the first logistics company to adopt the newly issued ISO 14083:2023. It will continue to develop visualization tools that are more in line with reality and can be used globally.

## 2. Future Initiatives

The focus of Yamato Transport when proposing logistics strategies to its customers is to provide maximum effectiveness in logistics for business management, which in turn enhances the effectiveness of commercial distribution and contributes to enhancing the value of clients' businesses. With this in mind, the company first visualizes the movement of goods across the breadth of the supply chain, which is synonymous with the visualization of GHG emissions in transport and delivery. And the optimization of logistics and inventory helps enable the reduction of GHG emissions generated through transport and delivery. Furthermore, if this optimization leads to improvements in production and material procurement, it will aid customers in reducing not only Scope 3 but also Scope 1 and Scope 2 emissions.

As a lead logistics partner (LLP), Yamato Transport will continue working to enhance the value it provides to customers and construct a supply chain that has less of an impact on the environment.<sup>3</sup>

3. LLP: A partner that, in addition to supporting corporate customers' logistics operations and management, supports supply chain and business process reforms that contribute to the management of client businesses.

### Contact

Press inquiries:

Corporate Communications, Yamato Transport Co., Ltd. TEL: +81-3-3248-5822

#### Reference:

Basic Agreement on Visualization of Greenhouse Gas Emissions in Logistics and Cooperation in the Environmental Field (July 20, 2022)

[https://www.yamato-hd.co.jp/news/2022/newsrelease\\_20220720\\_1.html](https://www.yamato-hd.co.jp/news/2022/newsrelease_20220720_1.html)

The DPD Group has cultivated a world-leading delivery network that supports sustainable home delivery standards and e-commerce, integrating innovative technology with an understanding of local conditions and requirements to offer flexible, user-friendly services. The company also delivers 8.4 million packages each day (2.1 billion packages per year) worldwide through its DPD, Chronopost, SEUR, BRT, and Jadlog brands, and has 120,000 delivery personnel and 70,000 pickup and delivery locations in nearly 50 countries worldwide. The group is responsible for the home delivery network of GeoPost—a holding company owned by the French Postal Group, which recorded sales of €14.7 billion (¥2.2 trillion) in 2021. In addition to the goal of achieving net-zero GHG emissions by 2040, a full decade earlier than stipulated in the Paris Accord, the group also submitted science-based targets (SBT) for 2030. The DPD Group is committed to reducing GHG emissions by 43% by 2030 and 90% by 2040 compared with the 2020 baseline.