

Austrian Post develops new system to calculate CO2 emissions per parcel

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Innovation already awarded two awards shortly after launch

To better track CO2e emissions, Austrian Post has developed a new system to calculate and report specific emissions data during transport and sorting for each individual parcel in accordance with ISO 14083-1. This system supports large-scale senders in preparing their official emissions reports and enables them to accurately report how much CO2e emissions were caused by the transport of their shipments. At the same time, the system highlights potential for improvement in the transport process for Austrian Post.

Peter Umundum, Deputy General Director, Board Member for Parcel & Logistics, Austrian Post: "Our self-developed system sets new standards in the logistics industry! We can provide our senders with additional information for their sustainability reporting and at the same time see how CO2e - intensive our processes are and where we still have potential for improvement. This granularity at the shipment level is unique."

DIGITAL REPLICATION OF THE TRANSPORT ROUTE The self-developed GLECO methodology is used

to calculate CO2e emissions. Swiss Post digitally recreates the transport process using scan events and, using the information collected on routes, vehicles, sorting machines, and delivery bases, can determine the emission intensity of each individual process step. Emissions from these processes are allocated to specific shipments based on a causation principle.

DOUBLE AWARD: AMAZON AND HERMES BUSINESS AWARD

Shortly after its launch, the new system received two industry awards for its novelty and innovative strength.

The first award was presented by Amazon on October 1st at the "Decarbonization Supplier Day" in Paris. The "Excellence in Emissions Reporting Award" recognized the development of a proprietary CO2e calculator.

Gianandrea Tita, Head of Purchasing, Amazon: "Amazon is committed to achieving net-zero emissions across all business areas by 2040. Decarbonizing our transportation network is a critical component of this. We

appreciate the dedicated work and support of partners like Austrian Post, who provide accurate and transparent emissions reporting and accompany us – and other customers – on our path to decarbonization."

On October 10, the next award was

presented at the Vienna Hofburg. As part of the "Austrian Business Gala," the HERMES Business Award was presented in several categories. The new system for CO2eCalculation at the parcel level was awarded as the winning project in the "Innovation" category.

Source: [Austrian Post](#)