

# CERTIFICATE

**TÜV NORD CERT Standard TN-CC 020**

**„Calculation & Verification of Carbon Footprints & Carbon Neutrality“**

Evidence of conformity with the aforementioned standard has been furnished and is certified in accordance with the TÜV NORD CERT procedures for

**Volkswagen Aktiengesellschaft**  
**Mecklenheidestraße 74**  
**30419 Hannover**  
**Germany**



**Commercial  
Vehicles**

**for the product „ID.Buzz “**



The calculation of the carbon footprint of all vehicles manufactured in Germany is based on the life cycle assessment for the Volkswagen vehicles ID. Buzz People M1 und ID. Buzz Cargo N1 with 150kW and a 82kWh battery and was carried out in accordance with the GHG Protocol. The level of assurance is reasonable. The calculation applies to the entire life cycle of the vehicle up to the handover to the end customer (cradle-to-gate approach) including the first battery charge before handover and recycling of the vehicle without the high-voltage battery. Not included are the emissions resulting from the vehicle's utilisation phase, such as charging electricity and typical maintenance as well as the recycling of the high-voltage battery.

**The emission sources considered include:**

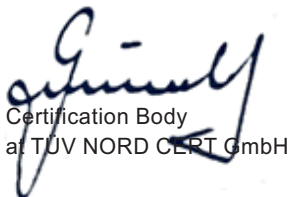
- **process emissions and energy use (including electricity, gas, refrigerants and other CO<sub>2</sub>e) of the entire supply chain, production and material logistics to the production sites and the logistics of the vehicles produced to the European retailers**
- **the initial charging of the high-voltage battery before handover to the customer**
- **recycling of the vehicle at the end of its life cycle excluding the high-voltage battery**
- **for all vehicles produced in Germany for Europe, Norway, Iceland, United Kingdom, Switzerland**

TÜV NORD CERT GmbH has further verified the decommissioning of the emission reduction certificates for vehicles manufactured in Germany between 04/2022 and 06/2023. The carbon neutrality of the vehicles produced in the future will be verified by TÜV NORD CERT as part of a biannual verification based on the available data.

Therefore, Volkswagen is allowed to sell the vehicle ID.Buzz as a carbon neutral product and to use the "Carbon Neutral Product" Certification Mark for the ID.Buzz.

Certificate Registration No. 44 811 220555  
Audit Report No. 3531 9789

Valid for all ID.Buzz vehicles manufactured from 2022-04-01  
until 2023-06-30

  
Certification Body  
at TÜV NORD CERT GmbH

Essen, 2022-07-18