

# Towards Sustainability



## **CARBON INTELLIGENCE**

Certified CO2 Emission Measurement & Reporting



# H2LLO Smart - Certified Carbon Emissions Reporting

## Company name:

Test Transport  
Test Str., 16  
39100 Bozen,  
Autonome Provinz Bozen

VAT Number: ITXXXXXXXXXXXX

Date: 12/10/2023

This is a certified CO2 equivalent Well to Wheel (WTW) European road transport emissions report for Test Bozen, calculated and verified by H2LLO Smart, which is powered by Arxax and accredited by Smart Freight Centre under the GLEC Framework.

This report is based on Scope 1 emissions (direct emissions) and is calculated using an **activity based** approach.

Reporting Activity from 01/01/2023 to 30/09/2023:

	<b>Emissions</b> (Kg CO2e)	<b>Activity</b> (tonne/km)	<b>Intensity</b> (KgCO2e/t-km)
Well to Tank	15,732.89 Kg/CO2e		0.0156 KgCO2e/t-km
Tank to Wheel	61,334.12 Kg/CO2e		0.0608 KgCO2e/t-km
<b>Well to Wheel (Total)</b>	<b>77,067.01 Kg/CO2e</b>	<b>1,008,266 tonne-km</b>	<b>0.0764 KgCO2e/t-km</b>

Comparison to last period:

Well to Wheel	<b>84,067.01 Kg/CO2e</b>	<b>1,108,266 tonne-km</b>	<b>0.0864 KgCO2e/t-km</b>
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Percentage change to last period:

Well to Wheel	- %10	-8.3%	-%9
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H2LLO™ Smart is powered by Arxax.  
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These results were calculated based on an activity based approach using Primary data sourced from telematics and fleet portfolio data provided by Qivalon Telematics System Provider. Emissions factors and other default factors (empty kilometer and load factors, where appropriate) are taken directly from the GLEC Framework guidelines.

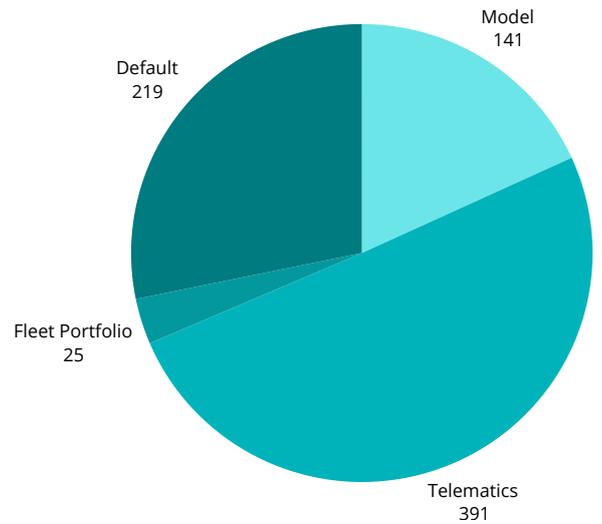
Supply Chain Coverage Emissions from 93% of the total tonnes shipped are covered in this report. Exclusions are included in the report attached.

Data verification - data is independently verified by H2LLO Smart, powered by Arxax via the program tool's processes outlined below and covered in detail in the methodology documentation.

Scope 1, activity based reporting for Test Bozen from H2LLO Smart uses a 5 -stage process to calculate emissions.



The breakdown of the data used for this report and the percentage and ratio of primary to default data used in this report are reflected (right).



Assumptions used in this report:

Factors	Defaults	Modeled
Intensity factor	Empty distance factor	N/A
Emission factor TTW Diesel	Empty distance factor	<< >>
Emission factor WTT Diesel	Load factor	<< >>