



June 2022

Carbon Dioxide emissions estimation calculation, road transportation

The carbon dioxide emissions (CO₂) estimation has been calculated by utilizing the European Environmental Agency guidelines methodology (1.A.3.b.i-iv Road transport 2019), in combination with company data on truck routing. CO₂ emissions data represents the best possible estimation of the emission to be acquired based on the 26 metric tonne truck weight and diesel as the primary combustion fuel in EUR6 type of engine.

The methodology covers Tank-to-Wheel emissions only, viz only transportation performed during the specific service operation, according to Tier 3 method calculation. The calculation has been delimited to include fuel and activity data input variables only, viz without cold/hot-start emissions considerations.

Established assessment considered heavy-duty road vehicles as well as ferry connections within the network.

The reported values on the ferry transportation are based on the most recent data input acquired from the carrier directly. The data quality is expected to be upheld by the sub-suppliers, while ALPI ensures the annual value revision to ensure data validity.

