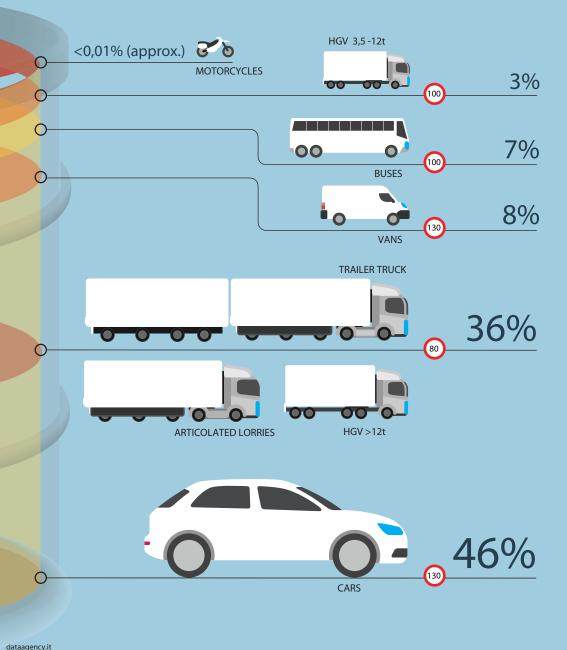
NOx EMISSIVE CONTRIBUTION ACCORDING TO CLASS AND CATEGORY ALONG THE A22



COMPARISON OF NOX EMISSIONS BETWEEN PETROL AND DIESEL EURO 5-CARS Under stop&go conditions, i.e. succession of braking and restarting, the emission of nitrogen oxides per km travelled is high because the engine works far away from E_NOx optimal conditions. Outside stop&go conditions, thus at constant regime, for diesel cars with increasing speed NOx emissions decrease up to an optimal condition [g / km (approx. 80 km/h), increasing then again consistently to motorway speed. 1,20 1,00 -30% 0,80 EURO 5 - DIESEL CARS 0,60 0.40 **EURO 5 - PETROL CARS** 0,20

NOx EMISSIONS FACTORS ACCORDING TO THE EURO CLASS (AT LIMIT MOTORWAY SPEED)

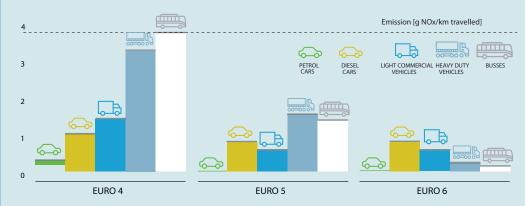
60 km/h

80 km/h

100 km/h

40 km/h

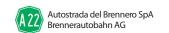
20 km/h



Emissions factors are based on sets of measures and formulations validated at European level and referred to the real use of vehicles on the road.









(?)

STOP & GO







120 km/h

140 km/h

