



European Commission

Euro 7 standards: new rules for vehicle emissions

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#EuropeanGreenDeal

Road transport is the largest source of air pollution in cities. The new Euro 7 standards will ensure cleaner vehicles on our roads and improve air quality, protecting the health of our citizens and the environment.

Air pollution from road transport is responsible for:

➤ **39%** of the harmful NOx emissions in the EU

➤ And **47%** of NOx emissions in urban areas

➤ **10%** of total particle matter (PM2.5) emissions in the EU

[all figures relate to the EU28 in 2018]

What's new in the Euro 7 regulation?

For all cars, vans, trucks and buses



Limits for emissions from brakes



Rules on microplastic pollution from tyres



Vehicles need to comply with emissions rules for longer period



More effective emissions tests



Digital monitoring of compliance



Better market surveillance tests

For internal combustion engine vehicles



Fuel- and technology-neutral emission limits



Regulating additional pollutants



On-road tests with broader range of driving conditions

For electric and plugin hybrid vehicles



Battery durability requirements



What will be the impact of the Euro 7 rules?

The new rules will apply to both cars and vans but also heavier vehicles, such as lorries and buses. They remain relevant even with the 100% target for zero emission cars and vans in 2035, as more than 20% of cars and vans and more than 50% of the heavier vehicles on our streets are expected to emit pollutants from the tailpipe up to 2050. Moreover, the new rules on emissions from brakes, tyres and for batteries durability will be relevant for electric vehicles as well.

Lower emissions by 2035 compared to Euro6/VI

Reduction of NOx emissions

➤ **35%** from cars and vans

➤ **56%** from buses and lorries

Reduction of particles from the tailpipe

➤ **13%** from cars and vans

➤ **39%** from buses and lorries

Reduction of particles from the brakes

➤ **27%** from the brakes of a car and vans

Low impact on consumers

These emission reductions are expected to be achieved with existing technologies. A moderate impact on the costs of cars - between €90 and €150 - and on the cost of buses and lorries - around €2600 - is expected.

Big benefit for health and environment

For each euro spent on technologies for Euro 7, more than 5 euros are saved on health and environment.

