



European Commission

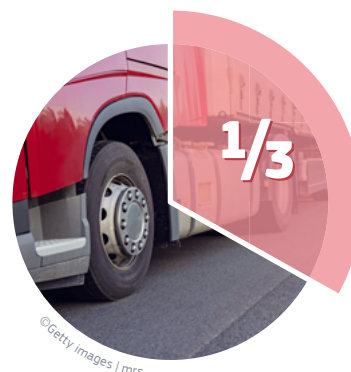
February 2023

ZERO EMISSION TRUCKS AND BUSES TO REACH CLIMATE NEUTRALITY AND CUT AIR POLLUTION

Road transport is responsible for:



of total **EU greenhouse gas emissions**



of all final **energy consumed in the EU**

Heavy-duty vehicles (HDVs):



Carry **77%** of freight transported over land in the EU



Produce more than **25%** of road transport greenhouse gas emissions in the EU



Produce over **6%** of total EU greenhouse gas emissions



99% of the EU fleet runs on internal combustion engines and **imported fossil fuels**



Emissions have increased year-on-year since 2014 (except 2020 due to COVID)

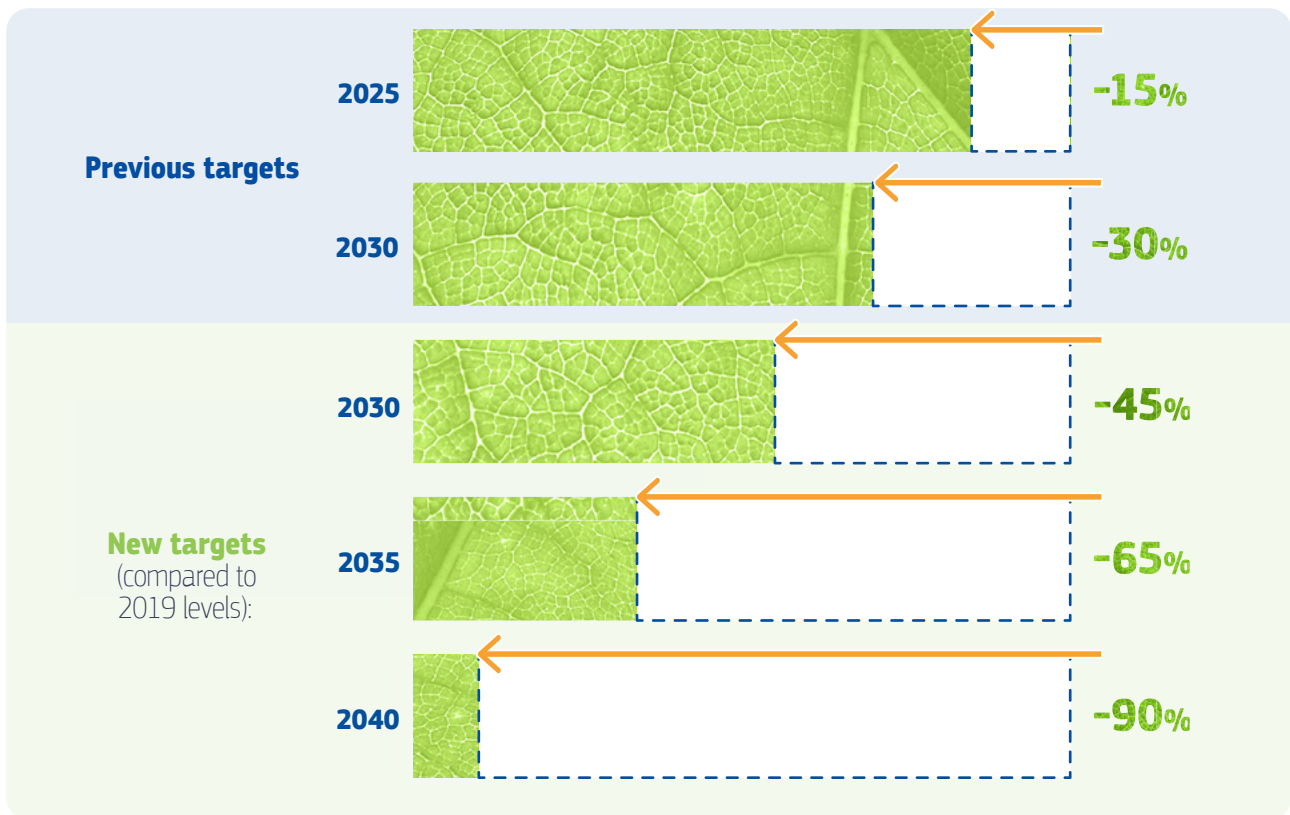
WHAT DO WE NEED TO DO?

More ambitious **CO₂ emissions standards for new HDVs are crucial for the transition** to zero-emission mobility and achieving EU climate and zero-pollution goals.

The Commission proposes **stronger new CO₂ emission standards for these vehicles from 2030 onwards**, and wants to extend the scope to smaller trucks, city buses, long-distance buses, and trailers. Heavy trailers and semitrailers will have new energy efficiency standards.

This will **cover almost all** heavy-duty vehicles emissions.

CO₂ emissions reduction targets for HDV



New **city buses** will be **zero-emission by 2030.**

THE MAIN BENEFITS OF THE PROPOSAL:



Decrease CO₂ emissions from new HDV by 90% by 2040, with intermediate targets



Help reach the EU's 2050 climate neutrality target and boost zero-emission mobility



Improve air quality and health of Europeans by cutting the level of air pollutants, especially in towns and cities



Lower the EU's energy dependency on imported fossil fuels, and enhance energy savings and efficiency in the transport sector



Provide a clear signal to industry to pursue a zero-emission pathway, investing in innovative zero-emission technologies



Reduce the cost of fuel and ownership for transport operators and all users



Increase the share of zero and low-emission vehicles in the market and accelerate the **roll-out of recharging and refuelling infrastructure**



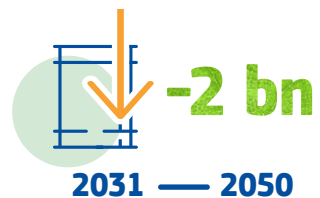
Strengthen the **technological and innovation leadership** of EU industry and **create new jobs**

REDUCTION OF IMPORTED FUEL DEPENDENCY



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With these new standards, the **demand for fossil fuels is expected to decrease by around 2 billion barrels** of imported oil from 2031-2050, compared to the baseline.



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