

WHAT ABOUT TOLL'S?

The “Euro Vignette” directive, which governs **road tolls for heavy goods vehicles** in the EU, was revised in March 2022. EU Member States will be required to set different rates of road tax depending on a truck's CO₂ emission class. The emission class will be determined by the truck's VECTO calculation tool for measuring CO₂ emissions based on data entered by the manufacturer.

The most recent revision of the Euro Vignette Directive introduces the following new features:

- Extension of the scope to light-duty vehicles up to 3.5 tonnes, buses and coaches.
- A phasing out of time-based vignettes in favour of distance-based tolling.
- A mandatory new framework for the rate variations (infrastructure and external cost charges) based on the energy efficiency and CO₂ emissions of motor vehicles which can co-exist with the existing rate variation based on the Euro norm of the vehicle.
- The obligatory application of an air quality external cost charge from 25 March 2026 for heavy goods vehicles with the possibility to derogate.

TODAY, THERE ARE THREE GROUPS:

- Member States with a **time-based vignette system**: the Netherlands, Denmark, Sweden, Luxembourg, Estonia, Latvia, Lithuania and Romania.
- Member States with **distance-based tolling using physical barriers**: France, Spain, Italy, Ireland, Slovenia, Croatia and Greece.
- Member States with **distance-based electronic tolling**: Austria, Belgium, Germany, Czech Republic, Poland, Slovakia, Portugal, Bulgaria, Hungary.

DISCOVER IT WITH THE EXAMPLE OF THE GERMAN APPLICATION

The German road toll, “MAUT”, is the first to roll out the new regulation and started on December 1st of 2023, which affects transport to and from Germany as well as transit to other countries.

It led to a **sharp increase** in road tolls for **vehicles over 3.5 tons** comprising the costs incurred in relation to CO₂ emissions, air pollution, those linked to noise pollution and infrastructure costs.



Cost per km up to 30/11/23 in €	
Diesel	19 cts
GNL	0 ct
Electric	0 ct

Cost per km from 01/12/23 in €	
Class 1 (diesel)	34.8 cts
Class 2 (diesel)	34 cts
Class 3 (diesel)	33.2 cts
Class 4 (hybrid)	26.9 cts
Class 5 (ZEV)	0 ct

WHO IS CONCERNED?

CO₂ EMISSION CLASSES ESTABLISHED BY VECTO

These major factor's are taken into account:

- The truck's aerodynamics
- Its powertrain
- Tyre Rolling Resistance

Class 1	for vehicles that do not qualify for a higher class.
Class 2	for vehicles whose specific CO ₂ emissions at the time of first registration are only more than 5% below an emission reduction curve.
Class 3	for vehicles whose specific CO ₂ emissions at the time of first registration are more than 8% below an emission reduction curve.
Class 4	for low-emission heavy commercial vehicles.
Class 5	for 0 emission vehicles; these vehicles are exempt from the toll obligation until 31 th December 2025, and even permanently if the technically permissible total mass is up to 4.25 T.

The classification of a vehicle in classes 2 and 3 will be recalculated six years after it was first registered.

All vehicles already registered before the application of this road toll are automatically considered in Class 1.

WHAT IMPACT ON FLEETS?

A 5% reduction in emissions calculated by VECTO would take a Truck 4x2 diesel from class 1 to class 2. A further 3% reduction could move it up to class 3!



EURO 6 > 18T + TRAILER 3 AXLES

100 000 KM

TOLL-COLLECT

TOLL
CALCULATION:
Up to +83%
compared
to the old one

Powertrain	Toll Class	Fee cts / KM	Total Toll	Gap	Gap C1 vs C3
DIESEL	Class 1 (All euro 6 registered before 01/07/2019)	34.8	€34.800	-	-
	Class 2	34	€34.000	€-800	-
	Class 3	33.2	€33.200	€-800	€1.600
HYBRID	Class 4	26.9	€26.900	€-6.300	-
ZEV	Class 5	0	€0	-	-

Class 5 vh. will be exempt from paying toll until 31/12/2025 then will have to pay a fee that will be gradually raised during the years

GAP = THE REDUCTION IN TOLL COSTS DUE TO A LORRY WITH LOWER CO₂ EMISSIONS

HOW CAN MICHELIN SUPPORT YOU?

TYRES HAVE AN IMPORTANT IMPACT ON THE TRUCK CLASSIFICATION AT REGISTRATION STEP BUT WHATEVER THE TYRE CHOICE AT REPLACEMENT STEP THE FEES DON'T CHANGE.

Choosing the right tyres for your Original Equipment needs means enjoying their full potential.

BENEFIT FROM MICHELIN TOTAL PERFORMANCE

