

**Question for written answer E-002930/2022  
to the Commission**

Rule 138

**Elsi Katainen** (Renew)

Subject: Alternative fuels and life cycle assessment in emission standards for heavy-duty traffic

All sectors of industry will have to reduce their emissions in order to achieve the European Union's 2050 climate neutrality goal. The review of emission standards for heavy-duty traffic will play an important part in achieving reductions in emissions from traffic.

Transport sector operators have pointed out in consultations with them that the electrification of transport poses a challenge, especially when it comes to large, heavy goods vehicles. Electrification is possible with smaller trucks and on fixed routes. However, it is immensely challenging to electrify heavy-duty vehicles making long journeys, especially in remote areas and in cold conditions. That being the case, to reduce the emissions from heavy-duty traffic there is a need for a range of low-emission forms of energy, such as biofuels, the use of which would also promote independence from Russian fossil fuels. Considering too the emissions from the production of electricity and batteries, the life cycle of emissions should also be comprehensively examined as regards reducing traffic emissions.

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1. How does the Commission intend to support the use of sustainable alternative fuels for heavy-duty vehicles, including in view of the need to become independent from Russian energy?
2. Does the Commission intend to take the life cycle assessment into account in the emission standards for heavy-duty traffic? If not, what are the reasons for this?