

**Priority question for written answer P-003306/2021
to the Commission**

Rule 138

Sylvia Limmer (ID)

Subject: Zero emission IV: Incorrect emission measurements for e-cars – Commission opinion

According to media reports (Bild, Focus) of 22 and 23 June 2021, 171 scientists – grouped in the International Association of Sustainable Drivetrain and Vehicle Technology Research (IASTEC) – recently wrote to Commission President Ursula von der Leyen with regard to 'Incorrect emission measurements of e-cars'. On the basis of the article 'The averaging bias – a standard miscalculation which extensively underestimates real CO₂ emissions' by the authors Thomas Koch and Thomas Böhlke of the Karlsruhe Institute of Technology, the scientists state that method used to date by the EU to calculate CO₂ emissions from e-cars violates a fundamental concept of mathematics, that is the fundamental theorem of calculus. A correct application of mathematical rules would result in the CO₂ footprint of e-cars being twice as large as previously assumed.

1. Does the Commission agree with the arguments put forward by the 171 scientists and, if so, what consequences does this have for the 'Fit for 55' package and subsequent EU legislative proposals?
2. How can the Commission claim that insisting that e-cars are free from emissions, as stipulated by the regulations, is not tantamount to consumer fraud?
3. If the Commission does not share the conclusions of the article, how does it justify this?