

**Question for written answer E-004397/2021  
to the Commission**

Rule 138

**Tom Berendsen (PPE)**

Subject: Energy efficiency of electric vehicles

The Commission's 'Fit for 55' climate package contains a number of proposals for more sustainable transport in Europe. The introduction of electric vehicles is undoubtedly a step in the right direction. This requires not only plans for the provision of charging stations and other facilities but also a proactive European approach to making vehicles more energy efficient. Indeed, the use of more energy efficient electric vehicles means less battery consumption, increased vehicle range, fewer charging stations and hence less space devoted to renewable energy generation.

A number of promising developments in Europe to make electric vehicles more energy efficient include the incorporation of solar cells to generate extra power<sup>1</sup>.

1. What measures are being planned by the Commission to increase the energy efficiency of electric vehicles on European roads?
2. Does it consider that European standards are needed to increase the energy efficiency of electric vehicles?
3. How will it ensure that solar energy for vehicles can be classified as a form of emissions reduction for the purposes of the European Emissions Trading Scheme?

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<sup>1</sup> Alliance for Solar Mobility ([www.asom.solar](http://www.asom.solar)).