

**Question for written answer E-000059/2022
to the Commission**

Rule 138

Jessica Stegrud (ECR)

Subject: What potential does sustainable aviation fuel have?

The Commission has stated that 'sustainable aviation fuels (advanced biofuels and electro-fuels) have the potential to significantly reduce aircraft emissions. However, this potential is largely untapped as such fuels represent only 0.05 % of total jet fuel consumption'.

Further, the following factors are set out in the impact assessment on ReFuelEU Aviation – Sustainable Aviation Fuels:

Electric and hydrogen-powered aircraft will not play a significant role in the coming decades.

The very limited amounts of 'sustainable aviation fuel' are mostly produced outside the EU.

Sustainable aviation fuel has high production costs.

For sustainability reasons, efforts are made to avoid using crops as a feedstock, and waste-based feedstocks are very limited.

There are other, more cost-effective uses for waste-based feedstocks.

In the light of the impact assessment, we ought to return to the Commission's original assertion that sustainable aviation fuels 'have the potential to significantly reduce aircraft emissions'.

1. How much is 'significant'? Is there a quantified target and a target date?
2. Where will the raw materials come from and what technology will be used to convert them into aviation fuel?

With that in mind, I would point out that large-scale, publicly funded research in this field has been ongoing for decades, the outcome of which has been somewhat limited.