

# Panel discussion on end-use aspects

ETIP Bioenergy 11<sup>th</sup> Stakeholder Plenary Meeting

Accelerating towards the 2030 targets

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# Liquid fuels needed for bulk part of aviation's energy demand



Regional LH<sub>2</sub> aircraft  
Liquid hydrogen powered regional aircraft,  
Fuel-cells / propellers



Centreline:  
Turbo-electric concept,  
kerosene based



CoCoRe  
Hybrid-electric commuter  
High battery utilization

Long-haul LH<sub>2</sub> aircraft  
Liquid hydrogen powered long-haul aircraft,  
twin-gas turbines



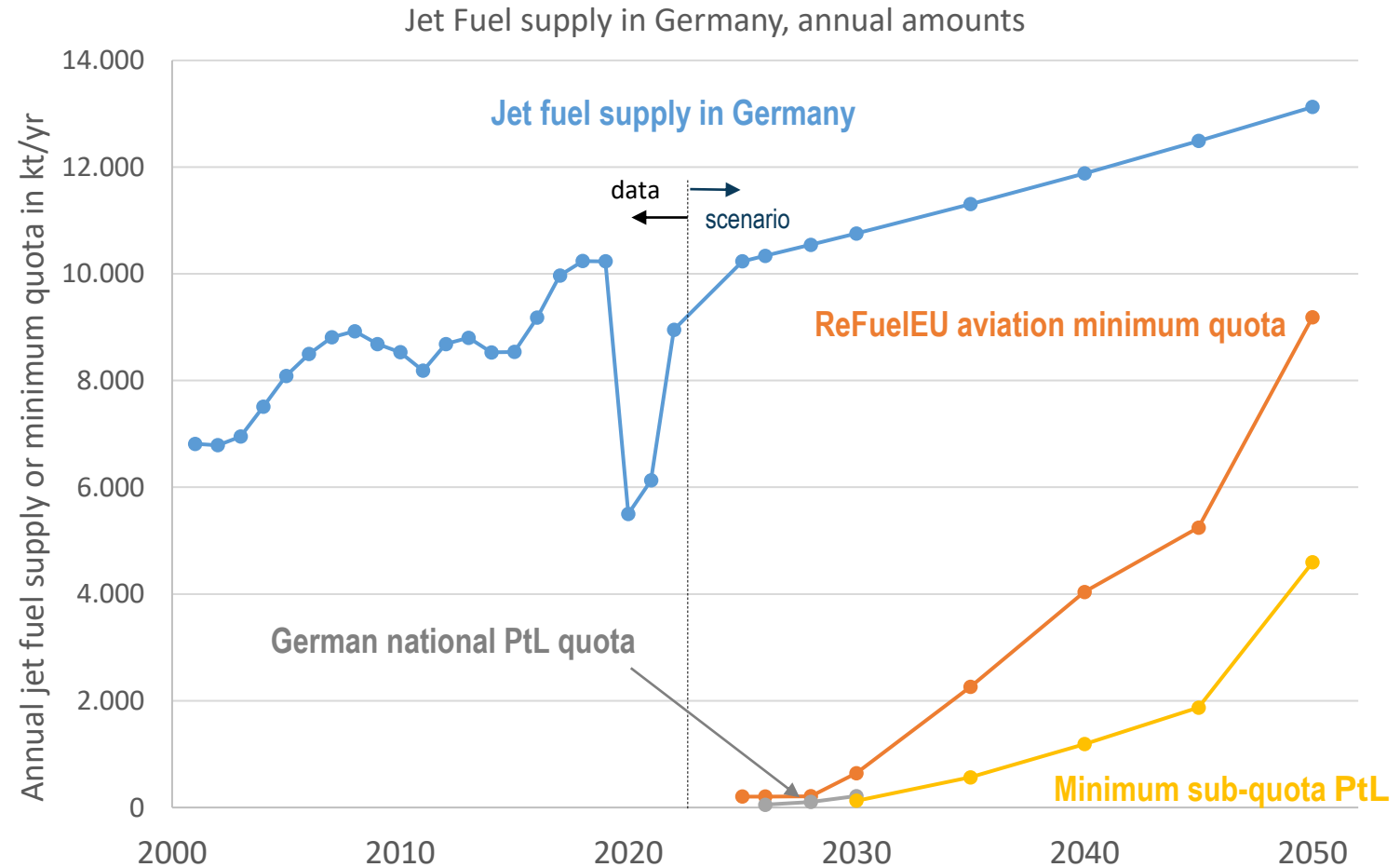
# ReFuelEU Aviation: Substantial upscale needed from 2030

## ▶ ReFuelEU Aviation:

- Substantial upscale of biofuels from advanced feedstock needed from 2030 onwards

## ▶ Minimum quota:

- Starting from 2% in 2025, 2030: 6%, 2035: 20%, 2040: 34%
- Sub-quota for “synthetic fuels” starting from 1.2% in 2030



# Thank you for your attention

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