

Low Carbon Aviation Fuel at Scale from British Nuclear Energy



160 Million Litres. 10,000 Jobs. One Clean Energy Source



Small and advanced modular reactors



Hydrogen



Carbon Dioxide Capture



Sustainable Aviation Fuel (SAF)



Net zero emissions flight at scale

Eq.flight produces power-to-liquids SAF using clean, reliable nuclear energy

A mandated, under supplied market

<1%

Current global SAF supply

22%

UK SAF Mandate by 2040

95%

Lifecycle emissions reduction

Why nuclear energy enables scale

20x

More energy dense than solar

120x

More energy dense than wind
Continuous power

60 years

No additional feedstock
Long term price stability

UK-based production for global aviation markets

160m Litres

SAF per facility per year

10,000

Skilled jobs over the facility lifetime

500m tonnes

Global SAF production by 2050

<https://www.iata.org/en/pressroom/2025-releases/2025-06-01-02/>

<https://www.gov.uk/government/collections/sustainable-aviation-fuel-saf-mandate>

<https://conbio.onlinelibrary.wiley.com/doi/epdf/10.1111/cobi.12433>

<https://world-nuclear.org/nuclear-essentials/how-does-a-nuclear-reactor-work>

<https://www.iata.org/en/publications/economics/reports/global-feedstock-assessment-for-saf-production/>