

Sustainable Aviation Fuel

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Sustainable Aviation Fuel Latest News

The Government has notified an amendment to the Aviation Turbine Fuel (ATF) (Regulation of Marketing) Order, 2001 to bring Aviation Turbine Fuel blended with Sustainable Aviation Fuel (SAF) under the ambit of the ATF Control Order.

About Sustainable Aviation Fuel

- It consists of specially processed **aviation grade hydrocarbons** that are chemically similar to ATF and fully compatible with aircraft engines.
- SAF **does not alter the fundamental nature**, safety, or performance of aviation fuel.
- **Source:** It is a biofuel, also known as **bio-jet fuel produced from sustainable feedstocks**.
- It has chemistry similar to conventional aviation turbine fuel (ATF) or jet fuel, which is derived from crude oil.
- This means that existing aircraft engines can easily use the SAF-ATF blend.
- It is made from renewable biomass and waste resources have the potential to deliver the performance of petroleum-based jet fuel.

- **Production**

- It can be produced from a number of sources (feedstock) including waste oil and fats, green and municipal waste and non-food crops.
- It can **also be produced synthetically** via a process that captures carbon directly from the air.

Source: PIB

Source: <https://vajiramandravi.com/current-affairs/sustainable-aviation-fuel/>

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