



Jet Zero Plan

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Why in News

Recently, the United Kingdom (U.K.) announced a '**Jet Zero**' plan to bring down its aviation emissions.

Key Points

- **Aim:** The Jet Zero aims to bring down greenhouse gas emissions from aviation to make carbon-free **transatlantic flights** possible within a generation.
A transatlantic flight is the **flight of an aircraft across the Atlantic Ocean** from Europe, Africa, or the Middle East to North America, Central America, or South America, or vice versa.
- **Jet Zero Council:** A group called 'Jet Zero Council' has been formed by the U.K. government by bringing together leaders from the aviation sector, environmental groups and government.
This group **has been given charge for making net zero emissions possible** for future flights.
- **Challenges:** To achieve its target of a **net-zero emissions economy by 2050**, it is important to cut transport emissions.
 - Aviation emissions currently account for more than 2% of **global greenhouse gases**, and have risen by 70% since 2005.
 - The **International Civil Aviation Organization** forecasts that the emissions will rise another 300% by 2050 in the absence of measures to bring them down.
- The U.K. government is **also funding Velocys** (aviation biofuels making company) in support of its plans to build a major jet biofuel plant in Lincolnshire.

NOTE:

Net-zero emissions means doing away with fossil fuels and other sources of emissions wherever possible. It also involves any emissions that are balanced by absorbing an equivalent amount from the atmosphere.

Source: IE