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Global Biofuel Alliance

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Why is in news? Launch of the Global Biofuel Alliance (GBA)

Prime Minister Shri Narendra Modi along with the leaders of **Singapore, Bangladesh, Italy, USA, Brazil, Argentina, Mauritius and UAE**, launched the Global Biofuel Alliance on 9 September 2023, on the sidelines of the G20 Summit in New Delhi.

The Global Biofuel Alliance (GBA) is an **initiative by India as the G20 Chair**.

The Alliance intends to **expedite the global uptake of biofuels** through facilitating technology advancements, intensifying utilization of sustainable biofuels, shaping robust standard setting and certification through the participation of a wide spectrum of stakeholders.

The alliance will also **act as a central repository of knowledge** and an expert hub.

GBA aims to serve as a catalytic platform, fostering global collaboration for the advancement and widespread adoption of biofuels.

This Alliance will be aimed at **facilitating cooperation and intensifying the use of sustainable biofuels**, including in the transportation sector.

India, the US and Brazil account for a total of 85 percent of the global ethanol production with the US holding 55 per cent share followed by Brazil 27 per cent and India 3 per cent.

Biofuel:

Biofuels are **renewable energy sources derived from biomass**, such as crop stubble, plant waste, and municipal solid waste.

Biofuels may be solid, liquid or gaseous in nature.

Solid: Wood, dried plant material, and manure

Liquid: Bioethanol and Biodiesel

Gaseous: Biogas

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