

Facts from the Ethanol Man of India

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"Proudly witnessing
a dream come true!"

DID YOU KNOW?

India's Ethanol Blending Program has:

Helped avoid nearly
700 lakh tonnes of
CO₂ emissions.

Reduced crude oil
imports, saving over
₹1.3 lakh crore in
foreign exchange.

Enabled payments of
over ₹1.1 lakh crore to
farmers, strengthening
rural livelihoods.

Source: Ministry of Petroleum & Natural Gas, Government of India.

FLEX FUEL & ETHANOL

MYTH	VS	FACTS
Ethanol damages engines.	→	Flex Fuel Vehicles (FFVs) are specifically engineered to safely operate on higher ethanol blends, from E20 up to E100.
I need a special fuel station.	→	FFVs can operate on different ethanol-petrol blends. As higher ethanol blends become more widely available, the same vehicle can use them without modification.
Ethanol is a new and unproven fuel.	→	Countries like Brazil have successfully used high-ethanol fuels in millions of vehicles for decades.
Ethanol and petrol cannot be mixed.	→	FFVs automatically detect the fuel blend and adjust engine operation for optimum performance.
Ethanol doesn't make a difference to the environment.	→	Ethanol is a renewable fuel that can help reduce lifecycle greenhouse gas emissions compared to conventional fossil fuels.
Ethanol is only about cleaner fuel.	→	Every litre of domestically produced ethanol also supports India's energy security by reducing dependence on imported crude oil.
Ethanol has nothing to do with farmers.	→	India's Ethanol Blending Program has created an additional market for agricultural produce and crop residues, generating new income opportunities for farmers and strengthening the rural economy.
Higher ethanol blends are only for enthusiasts.	→	FFVs are designed for everyday use, whether it's your daily commute or a long road trip.
To make 1 liter ethanol, we need 10,000 liters of water.	→	Producing 1 litre of ethanol requires only 3–5 litres of processed water. By implementing Zero Liquid Discharge (ZLD) technology, water is recovered, treated, and reused, minimizing water waste.

*FFV: Flex-Fuel Vehicle

QUICK FACTS

Supports Indigenous Technologies ✓

Compatible with *E20 to E100* (vehicle dependent) ✓

Gives consumers greater fuel choice ✓

Supports renewable and domestically produced fuels ✓

✓ Strengthens India's energy security

✓ Creates additional income opportunities for farmers

✓ Promotes inclusive rural and industrial growth

✓ Supports rural employment across the farm-to-fuel value chain

