

Out of the frying pan, into the sky

India's \$3 billion SAF opportunity



80% potential of SAF to reduce GHG emissions.



\$3 billion USD Total value of India's used cooking oil opportunity by 2028

204 metric tons of cooking oil were used worldwide in 2022.

22 million metric tons in India alone.

India produces **3.2 million** metric tons of used cooking oil (UCO).

How this reduces greenhouse gases

UCO in landfill



UCO (used cooking oil) degrades in a landfill, releasing 100% of CO₂ to the atmosphere.

As oil degrades, its carbon content ends up in the atmosphere.

UCO transformed into SAF



When UCO is transformed into fuel, its carbon also ends up in the atmosphere. But in this case, it powers a plane first.

Benefits for environment

- ✓ No competition with food crops
- ✓ Improved air quality
- ✓ Energy security



Benefits for aerospace companies

- ✓ Early mover advantage
- ✓ Reduced GHG footprint
- ✓ Reputation



A dual opportunity

for India to turn used cooking oil into profits

for aerospace leaders to promote sustainable flight.

“If UCO to SAF conversion succeeds in India, it will serve as a model for other countries facing similar challenges.”

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