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Biodiesel recycling from used cooking oil and grease

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Biodiesel recycling from used cooking oil and grease

Abstract

The proposed idea is to establish a biodiesel fuel operation by recycling used cooking oil, partnering with regional restaurants. Biodiesel can be produced by combining alcohol with vegetable oils, animal fats, or recycled cooking grease. Sourcing biodiesel from used vegetable oil and cooking grease promotes sustainability by minimizing waste and environmental risks, while potentially reducing health hazards. I have partnered with a firm that has achieved a highly efficient production state, but the company is struggling to recruit local restaurants willing to become supply chain partners. We seek ideas on how to recruit local restaurants interested in joining its sustainability and consumer health-oriented initiative.

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