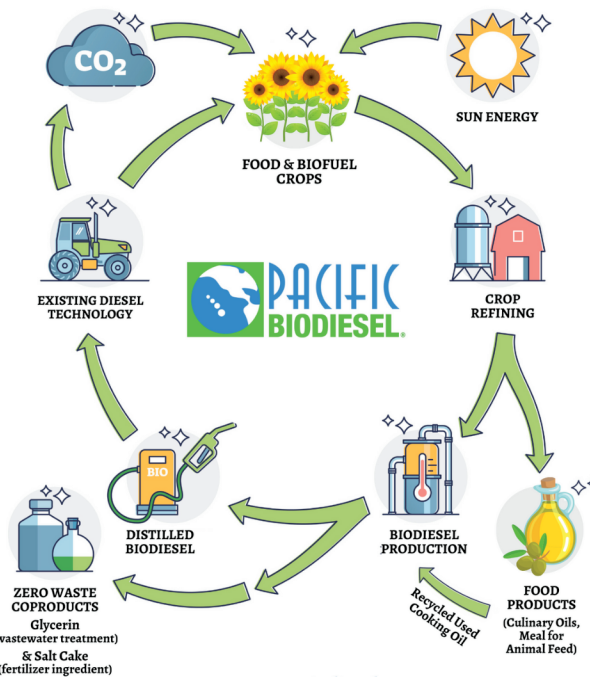




Pacific Biodiesel is demonstrating a model of regenerative agriculture and renewable energy in Hawai'i that's helping to fight climate change, support energy security and food sovereignty in our island state, and grow Hawai'i's circular economy.

Founded on Maui in 1995, Pacific Biodiesel is the longest operating biodiesel producer in the USA and has been the only commercial producer of liquid biofuels in Hawai'i for nearly three decades. The company recycles used cooking oil from restaurants statewide to annually produce 6 million gallons of distilled biodiesel at its refinery on Hawai'i Island; this 100% renewable fuel is sold entirely in the state.

In early 2024, Pacific Biodiesel announced its expansion of agriculture operations to Kaua'i, part of a federally funded project to develop a model for regenerative agriculture-based biofuel produced in Hawai'i from multiple locally grown oilseed cover crops in rotation with other food crops. The project's model will include expanded production of culinary oils and other value-added food products, meal for animal feed, biodiesel, and co-products from biodiesel production such as glycerin and potassium salt-cake, a non-petroleum fertilizer for local agriculture.



A Community-Based Model of **FOOD FUEL FEED FERTILIZER FIBER FIRE mitigation** supporting Hawai'i's Circular Economy

Learn more at **Biodiesel.com** or scan:





2040 Vision

A realistic pathway for LOCAL biodiesel production to support Hawaii's mandate for 100% renewable electricity production by 2045.

10

Estimated **10% local** biodiesel supporting other renewables in the 2045 mix

10

Requires an additional **10MGY** local biodiesel + current 6MGY production

100

By 2040, Agriculture helps us achieve **100% local** feedstock for 16MGY local biodiesel production

How? By 2030:

Pacific Biodiesel's Hawai'i Island refinery is using **100% local feedstock** (recycled used cooking oil + virgin oil from local agriculture) for production of its **6 Million Gallons per Year (MGY)** of biodiesel. Requires: 20,000 acres. Interim Goal: 50% local feedstock by 2027

By 2033:

Pacific Biodiesel has the capacity to **locally produce 16 MGY of biodiesel.**

By 2040:

Pacific Biodiesel Refineries in Hawai'i are locally producing a minimum of **16 MGY of biodiesel from 100% Hawaii-sourced feedstock.** The second in-state biodiesel refinery processes only virgin oil from local ag operations. Requires: 75,000 acres

More than 760,000 acres of "Pasture" land exist in Hawai'i across multiple islands (UHH, 2015).