

HAWAII GAS

Greening Hawaii's Energy

For the people of Hawaii from

THE GAS COMPANY

The Big Picture

- Hawaii is challenged to reduce its dependence on imported oil.
- Our systems have been saving oil imports since 1974.
- We offer a net energy saving that will grow.



*Powering Our Economy,
Cleanly and Efficiently*

- We provide gas energy to consumers, business and government throughout the state of Hawaii — Oahu, Maui, Hawaii, Kauai, Molokai and Lanai.



HAWAII GAS

Making SNG



THE GAS COMPANY

Making Green

Input:

Water

Feedstock: Triglyceride (Fats Oils Grease)

Hydrogen or Nitrogen

Heater



Reactor



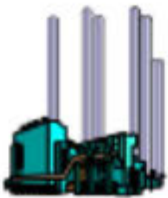
Output:

Gas Stream: Methane, CO, CO2 etc.

Liquid Byproduct: Bio or Green Diesel

Hydrogen

SNG Plant
CO2 Removal
Shift Reaction



Output:

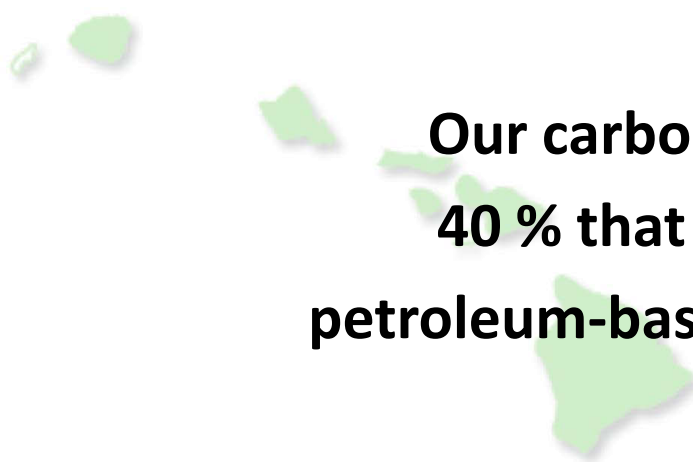
Gas Stream: Methane etc.

Liquid Byproduct: Bio or Green Diesel

Hydrogen

HAWAII GAS

*We Already
Make a Difference*



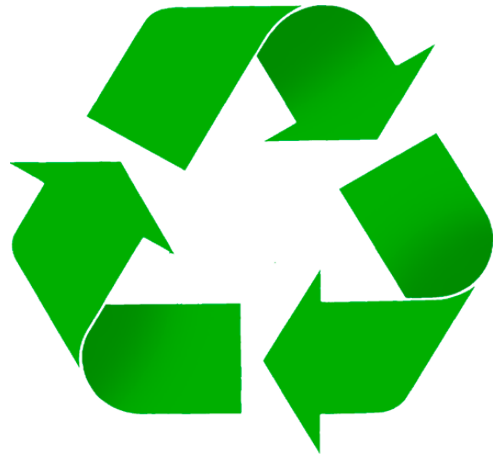
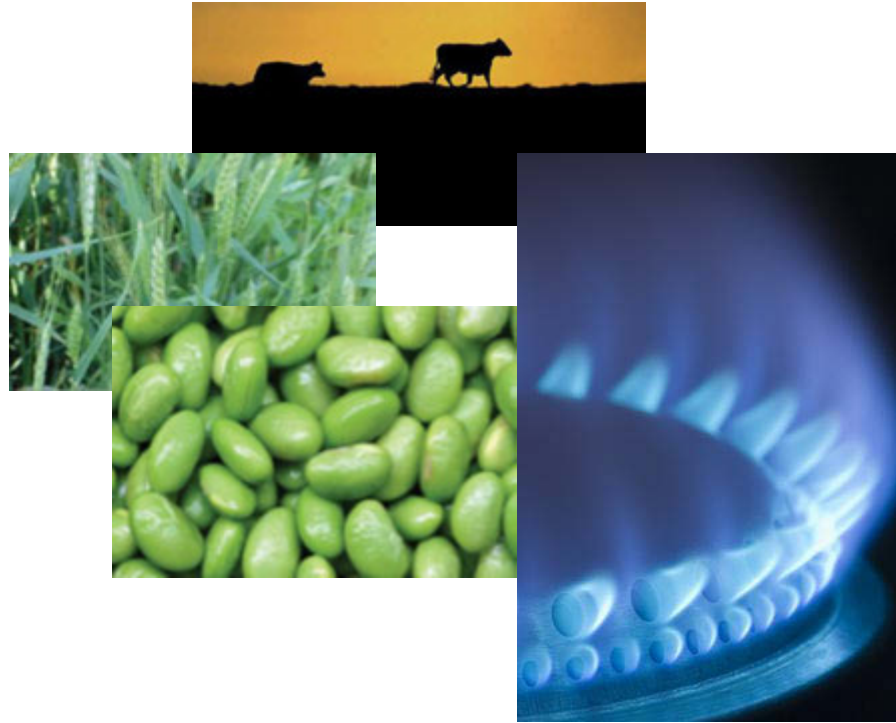
**Our carbon footprint is
40 % that of any other
petroleum-based energy source.**

40%

THE GAS COMPANY

Why Us, Why Now?

- We now make hydrogen and can make BIO-GAS from renewable, sustainable, domestic sources.



Why Hawaii?

- Economy >>>
oil displacement
- Environment >>>
cleaner air
- Residents >>>
more jobs



50% Renewable by 2015



HAWAII GAS

*Doing Our Part to
Green Hawaii's Energy*

For the people of Hawaii from

THE GAS COMPANY