



Donnell Rehagen, CEO
Clean Fuels Alliance America

Fueling Opportunity



Clean Fuels
ALLIANCE AMERICA

Clean Fuels Alliance America represents the entire supply chain from feedstock and fuel production through fuel distribution to the end user.



50MMT CO₂e reductions annually



By 2030



Drive consumption of biodiesel, renewable diesel, HEFA and ATJ SAF to over 6B gallons (22.7B liters)



Better. Cleaner. Now!®

U.S. federal & state policy helping drive sustainable feedstock supplies

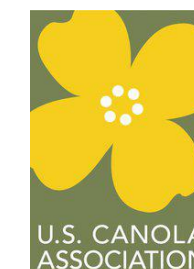
Federal Policy

- Department of Energy Bioenergy Technologies Office (BETO)
- Department of Agriculture funding for Climate-Smart Commodities (CSC)
- SAF Blenders Tax Credit & Clean Fuel Production Credit (2025-27) increase cost-competitiveness based on carbon intensity

State Policy

SAF Tax credits: Minnesota, Illinois, Washington (Michigan TBD) – increase cost-competitiveness based on carbon intensity

Low Carbon Fuel Standards: California, Washington, Oregon – increase cost-competitiveness based on carbon intensity



The benefits keep growing.

U.S. DOE states 90% of U.S. SAF production in 2030 will be HEFA with the majority remaining coming from ATJ*

U.S. feedstocks for biomass-based diesel (including SAF) produced today

Waste Oils, Fats & Greases		
	Tallow	11.5%
	Used cooking oil	22.5%
Vegetable Oils		
	Soybean oil	47%
	Canola oil	6%
	Distiller's corn oil	13%

Source: U.S. Energy Information Administration (Data for 2022)



Brassica carinata



CoverCress™



Winter Canola

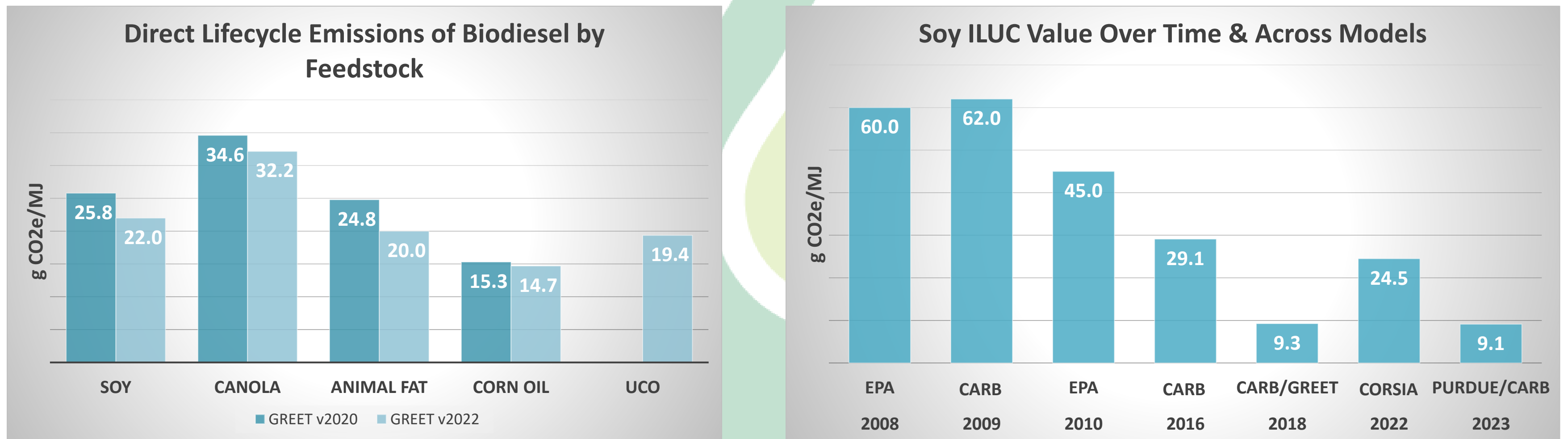


Camelina

*U.S. DOE, DOT, USDA, EPA (2022) SAF Grand Challenge Roadmap, *Feedstock Innovation* at 14.

Increasing supply. Decreasing carbon intensity.

Clean Fuels invests in advancing research and analysis on our fuels' carbon intensity



Thank You



ICAO

2023 STOCKTAKING