## **Innovation & Investment in Low Carbon Fuels**

Eric Honeyman



### Valero is the largest producer of renewable fuels in the world



Increasing Renewable Diesel production



Advancing Renewable Naphtha production



Developing Sustainable Aviation Fuel (SAF)



Developing Renewable Hydrogen

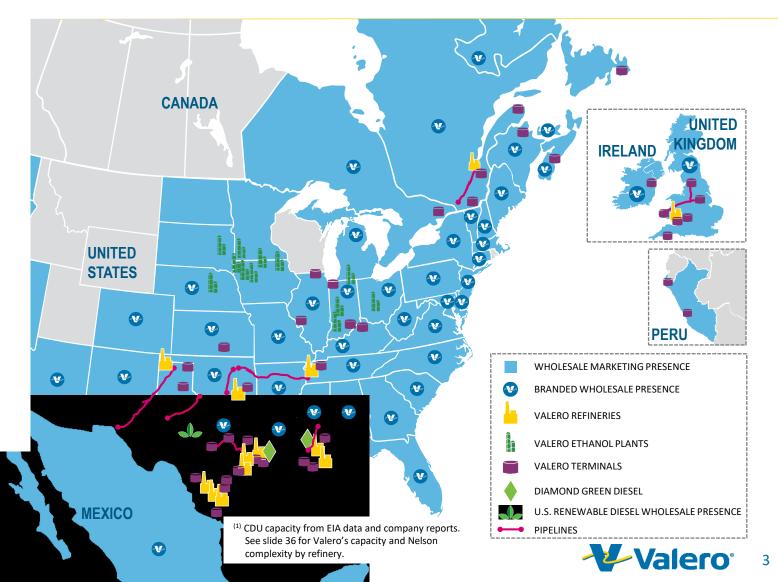


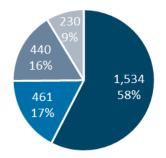
Building Ethanol Carbon Sequestration

Market demands and policy support continue to incentivize our growth and innovation in renewables



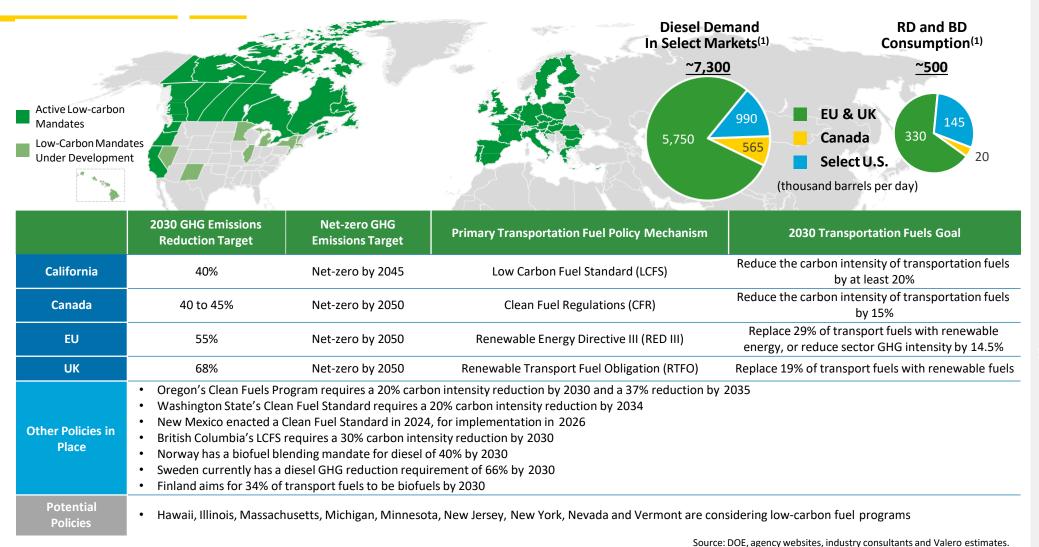
#### ration in advantaged U.S. Gulf Coast







#### Low-carbon fuel policies drive demand for renewable fuels



Up to 80%

reduction in life cycle GHG emissions

Cost-effective fuel that can be used with existing vehicles

Drop-in fuel that does not require infrastructure investments



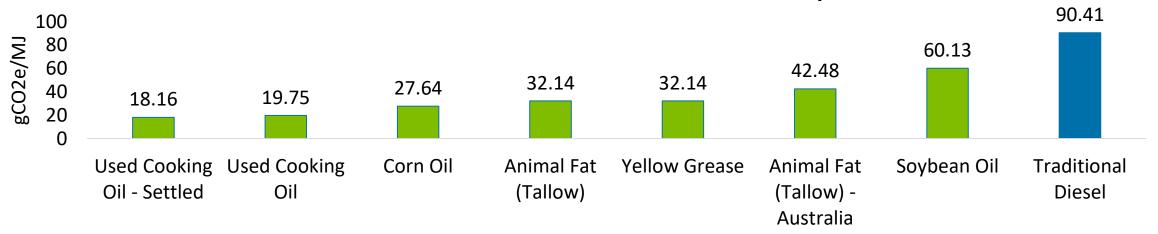
#### INVESTOR PRESENTATION | MAY 2024

<sup>(1)</sup> 2022 diesel demand, inclusive of biofuels, and 2022 Renewable Diesel (RD) and Biodiesel (BD) consumption in Canada, EU, UK, and U.S. states with mandates in place or in consideration (CA, OR, WA, NM, HI, IL, MA, MI, MN, NJ, NY, NV, and VT).

#### DGD utilizes a variety of renewable feedstocks



DGD St Charles Renewable Diesel California Carbon Intensity Scores







#### Feedstocks and product markets for renewable diesel

## Sustainable Aviation Fuel (SAF) Key Lingo

# Terminology

#### • SPK (Synthetic Paraffinic Kerosene)

- Term used for the SAF blend stock component is SPK it is also referred to as "Neat SAF"
- The blend stock is produced from the SAF fractionation tower which separates our renewable diesel product stream

#### • SAF (Sustainable Aviation Fuel)

- Refers to the finished fuel and consists of a blend of SPK and conventional jet fuel
- Once certified, SAF is a drop in fuel with conventional jet fuel and meets all of the same specifications as jet fuel purchased by airlines today from Valero





## DGD Port Arthur – SAF project update

- Sustainable Aviation Fuel (SAF) environmental permit approved June 2023
- Project on course to be completed in 3Q 2024 with production expected in 4Q 2024
- Addition of feedstock import pipeline expected to be complete in 4Q 2024

