



PROVIDING ENERGY. IMPROVING LIVES.



Rodeo Renewed

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Rodeo Refinery RODEO, CA

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Phillips 66 Rodeo Refinery

- Proudly operating in the Bay Area for 125 years
- Total workforce: 650 employees + contractors
- Opportunity to preserve family wage careers while redefining the facility and producing low carbon-intensive fuel
- Facility would **no longer** process or transport crude oil
- Facility would be one of the world's largest – initially up to 800 million gallons
- Ability to produce Sustainable Aviation Fuel
- Feedstock will be fats, used cooking oil, and vegetable oils
- No additional hydrogen generation capability
- Engineered odor control and mitigation
- On-site solar power will provide 15% of the site's energy requirements (separate project)

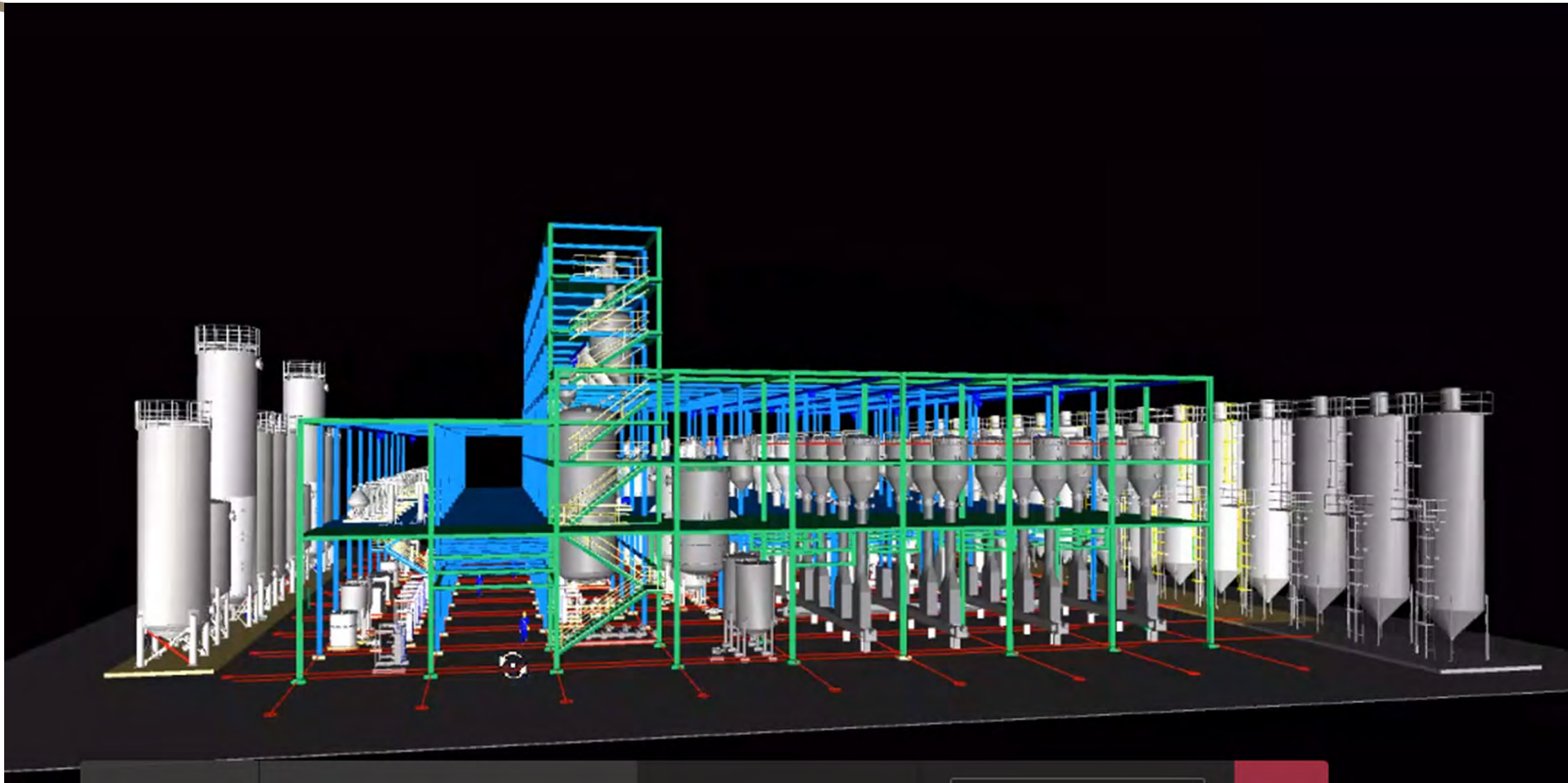


Why Rodeo?

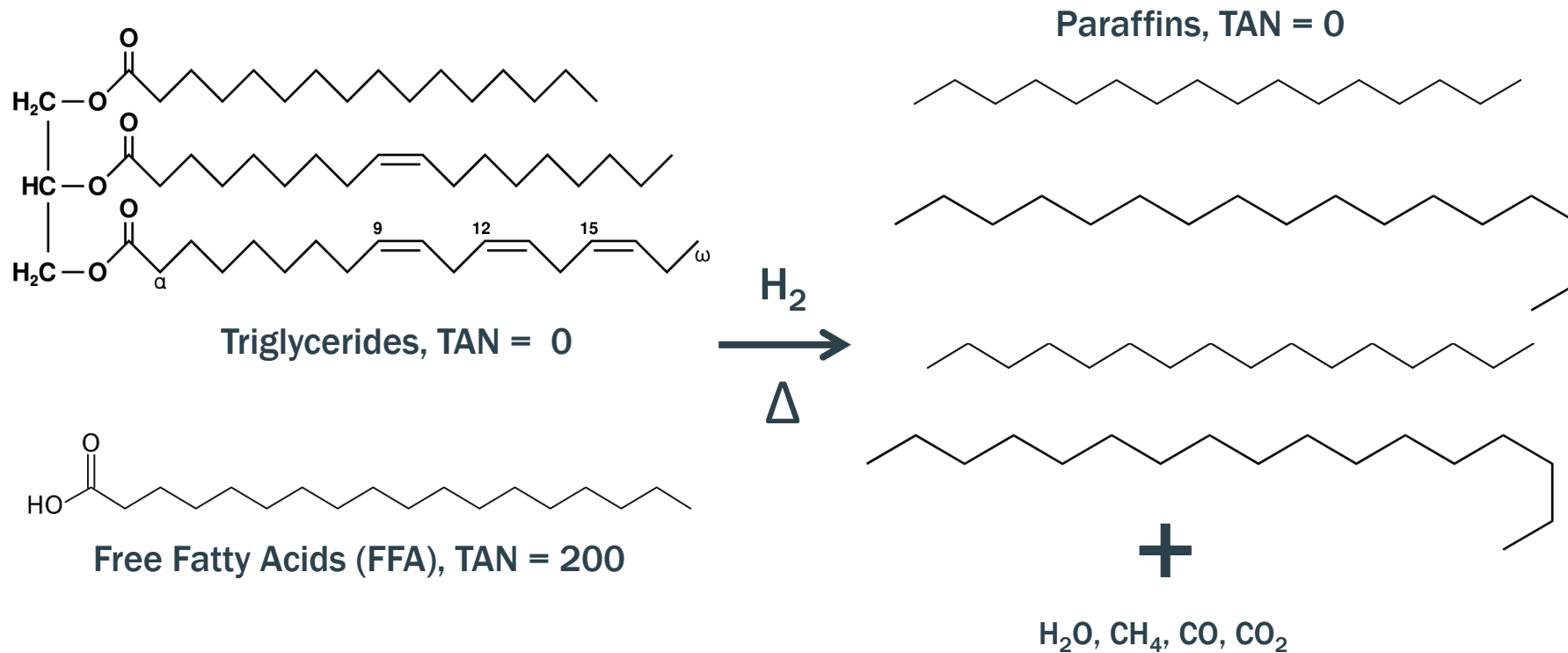
- **OUR EMPLOYEES**
 - We have high-performing, highly-skilled employees who have a history of operating safely and reliably
- **ROOTED IN THE COMMUNITY**
 - We want to continue our 125-year tradition providing family-wage careers and supporting our community
- **GEOGRAPHIC LOCATION - Feedstocks**
 - Access to marine, rail, and local truck
- **PRODUCT MARKET**
 - Close proximity to California renewable diesel market
- **EXISTING ASSETS**
 - Two hydrocrackers, a distillate hydrotreater, and adequate hydrogen supply
 - Sulfur/amine processing
 - Wastewater treatment



Pretreatment Unit



Triglyceride Conversion to RD



Lower Emissions & Continuing Jobs

REDUCED LOCAL AIR EMISSIONS

- SO_x – 80% reduction
- PM₁₀ – 20% reduction
- NO_x - 33% reduction

REDUCED WATER USAGE

- 160 million gallons per year

PROJECT CONSTRUCTION JOBS

- Project will employ ~500 people for Pre Treatment Unit and associated scope, utilizing local union labor
- Turnaround activities peak ~1,500 people, utilizing local union labor
- ~4 million total hours of construction

CREATION of GREEN JOBS

- Facility would employ approximately 650 renewable energy jobs
- Facility would **continue to provide** high-paying family-wage jobs with healthcare benefits

Renewable Diesel & Gasoline

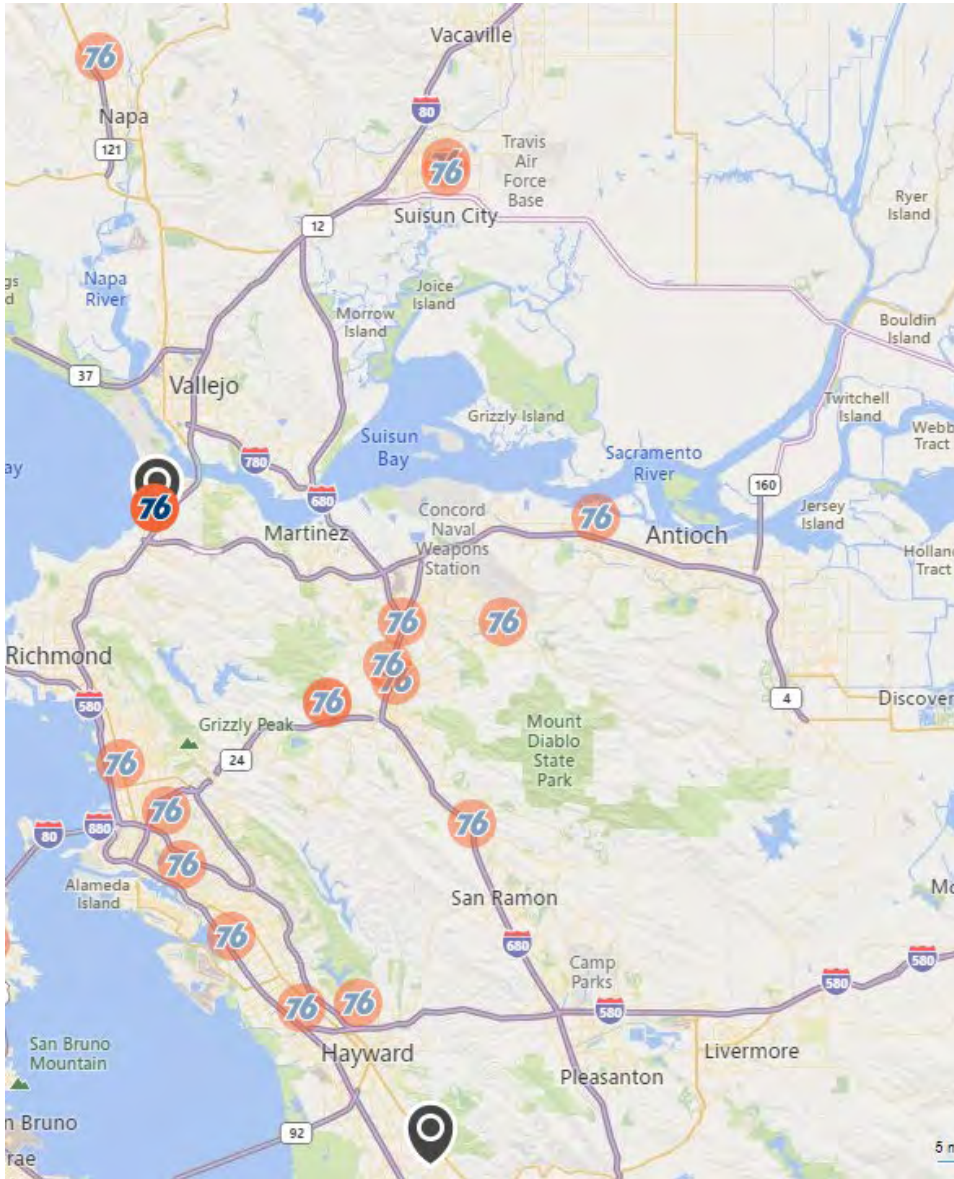
What is **76 Renewable Diesel**



- Renewable diesel is a “drop-in” replacement fuel that exceeds specs of crude oil-derived diesel but with lower carbon intensity (35 vs 100)
 - “Drop-in” fuel means no engine conversion is needed
 - Meets California diesel and Ultra Low Sulfur Diesel (rest of United States) specs
 - Higher cetane than current California diesel produced
- Renewable naphtha will be blended to make a low-sulfur, high performing fuel
- A premium quality fuel that is colorless, cleaner burning and very stable
- **Renewable diesel is NOT biodiesel**



76 Brand Conversion



http://www.76.com/renewable_diesel



Timeline

Contra Costa County – Lead Agency

- August 12th, 2020, Land Use Permit application submitted to the county
- Air permit application submitted to the BAAQMD

- **Current Status**
 - DEIR Public Comment Period: October 18 – December 17

- Contra Costa County Planning Commission and Board of Supervisors review/vote
 - Construction to begin upon permit approval

- Project online Q1 2024

Rodeo Renewed



Phillips 66 looks forward to making Contra Costa County the home of one of the world's largest renewable fuels production facility!

Sign up for updates at RodeoRenewed.com

Questions?

