

## Problem: Emissions



Climate change and pollution disproportionately harm underserved communities. The transportation sector is responsible for 40% of Oregon's carbon emissions. Heavy duty trucks and buses will be the last vehicles to convert to electric so we need a solution today to help reduce emissions as we await the transition.

## Solution: Renewable fuels



Zenith Energy is a leader in the growth of renewable diesel, a product that emits up to 80% less carbon than traditional fossil fuels. Zenith is converting its Portland fuel storage facility from crude oil to renewable fuels and currently supplies many local governments and transit agencies in Portland and surrounding areas. This helps the state reduce its carbon footprint and ensure cleaner air for our community.

## Results: Cleaner air



Zenith is committed to helping reduce disproportionate environmental impacts on historically marginalized communities. Converting our region's heavy-duty trucks and buses from fossil fuels to renewable diesel is possible today with zero cost to switch – no new infrastructure or vehicles are necessary. It will make an immediate, positive impact on air quality.

“ Replacing petroleum diesel at the pump is a high-impact carbon and equity policy that City Council has the authority to enact.”

— City of Portland Climate Emergency Workplan, 2022-2025 - July 2022

Oregonians consume more than 2 million gallons of diesel per day, nearly all of which is derived from fossil fuel. Zenith wants to change that because renewable diesel has:

up to  
**80%**  
less carbon emissions

**33%**  
less fine particulates

**30%**  
less hydrocarbons

**24%**  
less carbon monoxide

overall  
**30% to 50%**

less pollution than fossil fuel diesel

These are clean air results we'd see immediately in our community if Zenith and the City of Portland work together to increase the use of renewable diesel. **Renewable fuel production is expected to increase from 419,000 gallons in 2022 to 4.1 million gallons by the end of 2024.** Demand is growing and Zenith is well positioned to supply the region.