

Support TriMet bus electrification in the Metro T2020 measure



The Portland Metro region must shift to cleaner, more efficient, and more equitable transportation choices for our current and future communities.

By accelerating TriMet's adoption of electric buses, Metro can:

- reduce toxic diesel emissions, especially in neighborhoods near high-traffic corridors;
- dramatically reduce transportation-related climate pollution;
- save on operating costs over time that should be re-invested in transit services; and
- double the climate impact of the Metro T2020 package!

Diesel buses have major impacts on climate and air pollution.



The transportation sector produces approximately 40% of greenhouse gas emissions.



Multnomah County is in the top 2% of U.S. counties in exposure to diesel pollution.



Exposure to diesel exhaust increases the risk of heart attacks, strokes, cardiovascular disease, asthma and other respiratory problems.



The Metro region's most heavily-polluted transportation corridors are also home to communities of color and low-income residents.



With a fleet of nearly 700 diesel buses, TriMet is the single largest consumer of diesel fuel in the state of Oregon.





We need to stop buying dirty diesel buses. Transit buses are on the road for many hours each day, burning diesel fuel and polluting our neighborhoods and communities.

TriMet has committed to gradually replace its diesel-powered buses with zero-emission buses over the next two decades. However, the transit agency currently lacks the funding to fully transition to an all-electric fleet.

Including necessary funding in the Metro T2020 package will transform TriMet from Oregon's biggest diesel consumer into a national leader in clean public transit.

Equitable solutions to diesel pollution

- Adopting electric buses will alleviate the disparate impacts of air pollution on low-income communities and communities of color.
- TriMet has agreed to prioritize the rollout of electric buses on lines serving more heavily-polluted neighborhoods.
- First major installation of charging equipment will go in East Portland's Powell Garage.

Critical climate solution

- Each electric bus that replaces a diesel bus reduces the fleet's climate pollution by 94 metric tons every year (equivalent to 9,234 gallons of diesel used).
- TriMet replaces about 60 buses per year. At this rate, switching to electric buses could reduce annual GHG emissions by more than 5,600 metric tons.
- *In comparison, a rough estimate of all other T2020 proposed projects combined could reduce emissions by 5,200 metric tons per year.*

Makes good business sense

- Each electric bus will save \$400,000 on fuel and \$125,000 in maintenance annually, compared to otherwise similar diesel buses.
- These annual savings can be used for transit service improvements.

