



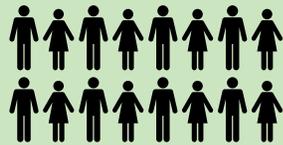
VALLEY METRO

GREEN BY DESIGN



Green By Design

Valley Metro is involved with a variety of initiatives to help enhance air quality and protect the local environment. From reducing greenhouse gases to improving fuel usage, we are working to be a better partner in preserving nature. In 2015, Valley Metro received a Bronze level status for sustainability from the American Public Transportation Association.



Regional Transit Ridership

(July 2013-June 2014)

- Average daily boardings: 239,569
- Bus: 195,742
- Light rail: 43,827



An average daily commute in the Valley is 30 miles. For every 70.5 miles not traveled, one pound of pollution is saved.

A "Green" Bus Fleet

- 70% (596) of Valley Metro buses use Compressed Natural Gas (CNG) or Liquefied Natural Gas (LNG) fuel
- 30 hybrid electric diesel buses have been added to the fleet helping to reduce fuel usage
- Buses fueled by diesel are clean-burning with particulate soot traps to collect harmful pollutants
- Newer buses use an environmentally friendly, high capacity air conditioning system refrigerant that has been designed for hot desert summer temperatures
- A wireless, paperless inspection system on buses saves 158,000 sheets of paper annually
- A bus fan retrofit system on buses helps extend fuel mileage



Express Buses

- Powered by CNG
- Seats are made from recycled plastics and bottle caps
- Equipped with Wi-Fi



Water Reclamation

- A water reclamation process for washing bus and light rail trains cuts fresh water usage by 60%



Valley Metro Rail Vehicles

50 Fifty vehicles in the fleet, each with a comfort capacity of 190 passengers, provide state-of-the-art technology and are customized for the desert climate.

- Powered by electricity, the vehicles emit low-emissions
- All of the body paint and window tint is solar reflective
- Car bodies are insulated to reduce cooling loss
- Interior bicycle racks help cyclists



35% of light rail passengers are "first time choice riders" with access to a car, removing 10,300 cars off of the road daily and an annual carbon emission savings of 23.2 million pounds.

Green Facilities

The Rail Operations and Maintenance Center is designed for maximum efficiency.

- Lighting, heating and cooling adjusted with non-work hours
- Irrigation level regulated by climatic conditions
- Glare-free windows allow little to no heat

Solar energy powers the Rail Operations and Maintenance Center eliminating 96 tons of carbon dioxide annually.



A solar-cooled light rail station in downtown Phoenix provides air conditioning to passengers during the warmest days of the year.



Superstition Springs Transit Center has a living or landscaped roof to help give a cooling effect.

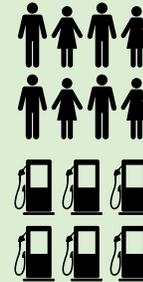


Climate-sensitive bus stations along the LINK routes have a very unique structure that maximizes shade keeping passengers cool during summer's hottest days.



ShareTheRide

ShareTheRide.com is an easy way for commuters to find transportation solutions online and help employers track commute savings.



ShareTheRide online rideshare matching

- 35,767 – active users as of March 2015 and a 23% increase over March 2014
- 68,000 – commute trips saved
- 1,100,000 – miles saved
- \$110,000 – fuel saved
- 210 tons – greenhouse gas emissions saved



400 Valley Metro vanpools help save five million drive-alone miles and 182,000 gallons of fuel each month.



Bike racks are available on vanpool vans to help extend the trip.

valleymetro.org

