

Valley Metro FY 19 SUSTAINABILITY REPORT

Valley Metro is committed to **environmental**, **social** and **economic sustainability**.



FACILITIES AND FLEET

FACILITIES

47% of waste at all Valley Metro maintenance facilities is recycled

- 60% of water used during vehicle washes is reclaimed
- Solar panels at Valley Metro's rail maintenance facility have generated more than 5 million kWh of solar energy since installation in 2015
- The solar canopy at Mesa Bus Operations and Maintenance Facility will be operational by June 2020
 - > Will provide up to 80% of power for the facility
 - > Will reduce time needed to cool down bus before starting its route

BUS

78% of buses are powered by alternative fuels or are hybrids

- Seats on express buses are made from recycled bottle caps
- All buses are equipped with LED lighting
- All diesel buses are equipped with soot traps to collect pollutants

LIGHT RAIL



Valley Metro's first recycling pilot program began at the Gilbert Rd/Main St Station

- All light rail stations built at new extensions have LED lighting
- Body paint and window tint on light rail vehicles are solar reflective

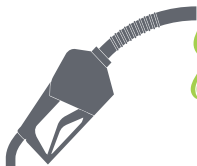
248 million pounds of GHG greenhouse gas were prevented by transit riders in FY19



9.8

million pounds

of criteria air pollution mitigated by transit in FY19



12,513,660

total gallons of gasoline saved in FY19, thanks to:



Light rail

7,264,934



Bus

770,022



Vanpool

4,478,703

That's the equivalent of:



19,393

home's electricity use for a year OR



14 billion

smart phones charged OR



1,838,863

trees planted OR



23,611

cars off the road

TRAVEL REDUCTION PROGRAM

62%

of employee trips to and from the downtown office utilize alternative modes: transit, an electric vehicle, carpool, biking, telecommuting or walking.

Valley Metro's Commute Solutions supports travel reduction in Maricopa County.

- Through sharetheride.com, more than **50,000 commuters** track their alternative commutes
- About **1/3 of commuters** in the Valley use an alternative mode one or more days a week



AGENCY INITIATIVES



In FY19, Valley Metro expanded its sustainability program and planned further efforts for the future.

- **Finalized** new sustainability plan
- **Hired** Valley Metro's first sustainability coordinator
- **Conducted** first agency-wide sustainability survey
- **Awarded** a Phoenix Green business certification and American Public Transportation Association Sustainability Silver certification
- **Provided** sustainability training to all new employees

