

Electric Transportation Equity in the Valley

MSUS Project Brief

Team TEA

Overview

Within the TE Activator’s mission to “electrify transportation in a manner that optimizes community benefits, maximizes investment efficiency, and achieves transformative results...[with a focus] on cross-industry collaborative action aimed towards a region with clean air, accessible electric transportation options, and robust electric vehicle infrastructure” (TE Activator, 2021), they have asked Team TEA to focus on how to make the transition equitable and inclusive.

The Electric Transportation Equity in the Valley report details the current state of electric transportation nationally, regionally, and locally, analyzes equitable EV/ET programs and utility plans across the country, and reviews the City of Tempe’s electric transportation related efforts. For this, team TEA conducted listening sessions with a national expert, the City of Tempe, Tempe Community Action Agency, and CHISPA, creating a Community Listening Pilot Project based on the preliminary listening sessions. Through our research, listening, and discussions we compiled tiered recommendations for the TE Activator that suggest systemic policy changes based on community priorities.

Deliverables

- The *Electric Transportation Equity in the Valley* report, which includes all aspects of this project.
- An *Equity Roadmap* that details the Community Listening Pilot Project and recommendations.
- A *Community Listening Script* that provides questions to be utilized in listening sessions.
- This *Brief*, which provides a short project summary and an overview of our recommendations.

Recommendations

See “Electric Transportation Equity in the Valley” Report for details about each recommendation.

Utilize Frameworks

- Process
 - Asset-Based Community Development (ABCD)
 - Mobility Equity
 - Love-Based Aid
- Strategy
 - Equity and Empowerment Lens
 - USDN’s Spectrum from Community Engagement to Ownership

Systemic Policy Adaptations

- Grant Funding for Community-based Organizations
- First-Last Mile Transportation Options
- Increase Options of Ride-Share
- Shade at Transit Stops and Corridors
- Hold Inclusive Listening Sessions
- Offer Educational Programs
- Campaign for Public Transit

Systemic Policy for Long-term Resilience

- Offer Free, Accessible Public Transit
- Fund Avenues for Multi-Modal ET Network
- Fund Private EV Ownership
- Frequency of Transportation Modes
- Development Considerations
- Fund Community Security
- Roadmap for EV Charging Stations
- Recycling Supply Chain of EV Batteries
- Regional Collaboration

Public Engagement to Community Ownership

- Defer to Community Knowledge
- Take an Intersectional Approach
- Be Slow and Intentional