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# ELECTRIC VEHICLES



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## IIJA EV Funding Opportunities

\$7.5B investment to build national network of 500,000 EV chargers

### **Formula Funding (~\$76M to AZ over 5 years)**

→ Targets charging along corridors and Interstates

### **Grant Program (\$2.5B)**

→ Chargers for rural, disadvantaged, and other hard-to-reach communities, & planning efforts

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# Existing Regional Collaborations

## ASU Sustainable Cities Network Electric Vehicle Subgroup

- Support AZ cities, towns, counties and tribal communities in their adoption of EV goals and policy efforts.
- Currently meets every other month to share best practices, lessons learned, and resources around charging infrastructure, fleet electrification, equity, education and outreach, and building codes

## Utility Partners

- Statewide Transportation Electrification Plan presented to ACC; sets goal of 1.076M EVs in AZ by 2030 (41,000 EVs today)
  - TE Collaborative meets monthly, hosted by APS
  - TE Activator meets regularly, hosted by SRP
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# Advancing Equity

- **Inclusive Process** – including and empowering voices of underserved communities in the planning process
  - Develop an **EV charging strategy for disadvantaged communities** (ex. lower income homeowners and renters in multifamily units)
  - Access to TE through **public transit, ride sharing, and micromobility**
  - **Just Transition** – develop programs that provide the current ICE vehicle and service repair labor pool with the training to transition their skills to support maintenance of the EV market.
  - **Workforce Development** – increase access to EV jobs for local disadvantaged communities and cultivate pipeline of talent
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# Community Partnerships

Southwest Energy Efficiency Project (SWEET)

Phoenix Electric Auto Association

Chispa Arizona

Western Resources Advocates

Arizona State University

MCCCD

SRP

APS

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# Labor and Workforce Development Partners

## Academic

- Maricopa County Community Colleges
- Universal Technical Institute
- ASU, UofA, NAU

## Economic

- Arizona Commerce Authority
- Greater Phoenix Economic Council

## Industry

Zero Electric Vehicles

Nikola

Electra Meccanica

Lucid Motors

Local Motors

ChargePoint

Li-Cycle

KORE Battery

Semiconductor manufacturers

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# Potential Priority Areas for Grant Funding

- Regional planning for equitable EV charging infrastructure
  - Regional DCFC network
  - Level 2 public EV chargers on city-owned property in disadvantaged communities (libraries, parks, event centers, community centers, etc.)
  - Transportation Electrification Pilots - public transit, ride-sharing, etc.
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