

Moving Toward a Sustainable Transportation Future:

ASU's "all-in" strategy to reduce its transportation footprint while handling tremendous growth.

In fall 2015, ASU had **71,049** in-person students and **10,589** employees based out of **5 campuses** in the Phoenix-metro area. ASU takes a multi-faceted, innovative approach to transportation to move this many people safely, efficiently, and sustainably.

Bicycle Infrastructure



ASU fosters easy bicycle use and secure storage on and around its campuses, the success of which can be seen in the steady growth of students' bike use.

Student population **grew 7%** while **bicycle use rose 28%** between the 2013–2014 and 2015–2016 academic years

Certified gold bicycle-friendly
Tempe campus

6,467 bikes currently registered

33,676 bicyclists used free bike storage and bike valet, which reduced campus congestion

Optimizing Vehicle Use - Car-share & Electric



ASU promotes more sustainable car use with the following programs:

6 level-2 EV charging stations

26 car-sharing vehicles available to students/departments for hourly use

Departmental **electric cart-sharing** in development

All new solar parking shade structures pre-wired for future **EV chargers**



Commuter Alternatives - Public Transportation



ASU promotes the use of public transportation by subsidizing transit passes for light rail and bus lines, and by providing free, Wi-Fi-enabled intercampus shuttles.

7,443 public transit passes sold to ASU community members for the 2015–2016 academic year

1,038,629 individual rides using public transit passes*

688,168 intercampus shuttle passenger trips

*This figure does not include free City of Tempe public circulator ridership.

Multi-use Solar Arrays



ASU has **26** of its **88** solar arrays located on garages or surface parking lots to create highly beneficial shade for commuter thermal comfort.

Provide shade for **5,952 parking spots**

Produced **21,920 MWh** in Fiscal Year 2015

When parked in spaces shaded by solar structures, vehicle dashboard temperatures were **49° cooler**

