

NAU Sustainability Action Plan: Transportation

Goal: Decrease Transportation Emissions On and Off Campus

Objective 1: Decrease emissions from commuting to and from campus.

Action 1: Regularly conduct transportation and mobility studies and surveys to proactively determine transportation issues.

Responsible Party: Parking and Shuttle Services, Fleet Services, Office of Sustainability, Academic Affairs

Action 2: Regularly conduct transportation greenhouse gas inventories for commuting to and from campus to assess progress towards reduction of emissions.

Responsible Party: Office of Sustainability, Parking and Shuttle Services

Action 3: Improve and expand educational transportation outreach touting the health, financial, and environmental benefits of fossil fuel alternatives. Outreach should continue to target students and parents before they arrive on campus to reduce number of cars brought initially.

Responsible Party: Undergraduate Admissions and Orientation, Marketing, Parking and Shuttle Services

Action 4: Continue to collaborate with the city, state, and intergovernmental agencies to improve public transportation infrastructure to allow better bus access to campus and throughout the region. For example, increase SafeRide stops, consider expanding EcoPass to students, collaborate with NAIPTA on designing routes with respect to known densities, etc.

Responsible Party: Parking Services, Parking and Shuttle Services, Office of Sustainability, President's Office/Community Relations.

Action 5: Improve carpool (commuting) and rideshare (one-time trips) programs through a marketing campaign and an increase of social media resources. Improve carpool incentives.

Responsible Party: Marketing, Parking Services, Office of Sustainability, Academic Affairs

Action 6: Continue and improve incentives for low-emission/no-emission vehicle use.

Responsible Party: Parking Services

Action 7: Advocate for sustainable community design throughout campus and the region. The NAU and Flagstaff region provides full-service amenities such as student housing, entertainment, dining, recreation, and green spaces. Promotion and creation of local events and attractions will reduce the need for out-of-region travel.

Responsible Party: Office of Sustainability, Marketing, Facility Services, Housing and Residence Life

Action 8: Improve non-motorized access to campus through the development and maintenance of pathways and trails through collaboration and partnership with multiple stakeholders. Utilize Geography Planning & Recreation department's trail map and planning resources.

Responsible Party: Facility Services, President's Office/Community Relations,

Action 9: Increase awareness of and availability of online/distance learning classes and employee flex schedule programs where appropriate.

Responsible Party: Academic Affairs, Office of Sustainability

Objective 2: Decrease emissions from commuting across campus.

Action 1: Regularly conduct transportation and mobility studies and surveys to proactively determine transportation issues from commuting across campus.

Responsible Party: Parking and Shuttle Services, Fleet Services, Office of Sustainability, Academic Affairs

Action 2: Regularly conduct transportation greenhouse gas inventories for commuting across campus to assess progress towards reduction of emissions.

Responsible Party: Office of Sustainability, All departments with NAU vehicles, Parking and Shuttle Services

Action 3: Build additional concentrated parking facilities (Park-and-Rides) on the periphery of campus to allow commuting students and employees to use alternative transportation to move about campus.

Responsible Party: Facility Services, Parking and Shuttle Services

Action 4: Pursue The League of American Bicyclists' guide to improve campus conditions for bicycling and continue progression towards a Platinum Bicycle Friendly Community. Continue to work with skateboarders, inline skaters, and other non-motorized alternative transportation users to maintain these options as safe and efficient throughout campus.

Responsible Party: Office of Sustainability, Parking and Shuttle Services

Action 5: Implement Campus Idling Ban for all campus vehicles.

Responsible Party: President's Office, Marketing, Parking and Shuttle Services,

Action 6: Increase low-emission/no-emission transportation opportunities for campus events such as graduation, orientation, athletic events, conferences, tailgating, etc.

Responsible Party: Parking and Shuttle Services, Athletics

Action 7: Investigate and implement new technologies that will improve sustainable transportation services across campus. Potential examples include improved bus tracking system or pedestrian maps available via QR code.

Responsible Party: Office of Sustainability, Parking and Shuttle Services, Facility Services

Action 8: Continue to assess and improve NAU's existing Yellow Bike Program

Responsible Party: Campus Services and Activities

Action 9: Promote, evaluate, and improve NAU's Enterprise car sharing program.

Responsible Party: Parking and Shuttle Services, Marketing, Office of Sustainability

Objective 3: Decrease NAU vehicle emissions each year.

Action 1: Regularly conduct transportation greenhouse gas inventories for the campus fleet to assess progress towards reduction of emissions.

Responsible Party: Office of Sustainability, All departments with NAU vehicles

Action 2: Continue to purchase the most economical, most fuel efficient, and lowest emission vehicles available in a particular model year that meet the operational needs and policy requirements of the University. Pursue alternative low-emission/no-emission vehicles for unique needs transportation such as mail delivery, landscaping, composting, etc.

Responsible Party: All departments with NAU vehicles

Action 3: Pursue opportunities to decrease cross campus travel for fast/sensitive deliveries. Such as electronic signatures or bike messengers.

Responsible Party: Human Resources, ITS, Office of Sustainability, All departments with NAU vehicles

Action 4: Implement Campus Idling Ban for all fleet vehicles

Responsible Party: All departments with NAU vehicles, Residence Life, Dining Services

Action 5: Maintain efficient routes for service vehicles

Responsible Party: Planning, Design and Construction

Objective 4: Decrease emissions from domestic and international travel

Action 1: Regularly conduct transportation greenhouse gas inventories for domestic and international travel to assess progress towards reduction of emissions.

Responsible Party: Office of Sustainability, Human Resources, Comptroller, Finance and Administration

Action 2: Develop a system to track all NAU related air travel.

Responsible Party: Comptroller, Office of Sustainability

Action 3: Include optional budget item on Travel Form to offset travel emissions. Reinvest collected money towards sustainable transportation initiatives.

Responsible Party: Human Resources

Action 4: Create best practices document on travel procedures for faculty and staff. Including information on tele and video conferencing options, car pooling, van rental, etc. Incorporate incentives for best practices into travel grants and support for faculty professional travel.

Responsible Party: Academic Affairs, Office of Sustainability, Marketing

Action 5: Promote the use of tele and video conferencing through the creation of guides and outreach.

Responsible Party: ITS, Office of Sustainability

Action 6: Formalize system for carpooling to official university functions in Phoenix or Tucson (travel to Phoenix Biomedical Campus, ABOR meetings, etc.). Explore commercial or in-house shared van service to I-17 building, ABOR, other high-frequency destinations. Explore using I-17 building as location for small fleet of NAU vehicles or We-Car rental such that people could share rides or use public transit to that building and then split up for individual locations or trips.

Responsible Party: Facility Services, Office of Sustainability