

UF Sustainability in Transportation Implementation Plan

Vision

As the largest institutional member of the Gainesville community, the University of Florida has a responsibility to meet the transportation needs of our students, faculty, and staff, while maintaining the health of both the environment and our relationships with the broader community. The Campus Master Plan supports continued coordination with RTS, increased walking and bicycling, and innovative parking and fleet management strategies. In framing the vision for sustainability in Transportation, participants envisioned that the Master Plan would be viewed as an active document that would be used regularly by campus leaders and UF staff in decision making and operations.

As a part of its educational mission, the university would show, by example, that sustainable transportation makes sense, on both personal and institutional scales. Alternative transportation is one of the many areas that could be related to overall efficiency and budgeting goals. Infrastructure decisions would include considerations of return on investment, life cycle costing, and externalized costs to society.

Desired Outcomes

Alternatives to Single Occupancy Vehicles - Provide alternative transportation options for everyone coming to campus, including van pools and regional transit opportunities for those not currently served. Provide incentives for regular users of alternative transportation. Expand current car-sharing and carpooling programs. Develop on and off-campus bike and pedestrian corridors for bike-friendly campus access. Provide support facilities for faculty, students, and staff riding bicycles and other alternative modes of transportation to campus.

Auto-Free Campus Core - Through partnership with RTS, and an ongoing transition to alternative transportation, UF would eliminate private cars on campus and achieve a car-free or car-minimized campus core, with exceptions for police, repairs, etc.

Community Engagement - Partner with community groups to offer alternative transportation resources and education.

Develop Shared Vehicle Fleet Program - Develop and manage a vehicle fleet that is accessible to all departments for check out/rental to replace and/or supplement the need for departmental vehicles.

Efficient Campus Circulator - In addition to, or in partnership with, RTS service, develop a reliable campus circulator or “People Mover” to transport people around campus more efficiently.

Fossil Fuel-Free Fleet - Campus fleet vehicles would be run exclusively on renewable fuels and alternative technologies with maximum utilization of vehicles to limit the size of the fleet. Implement electric or human-powered bike taxis for mail delivery and courier deliveries around campus from central receiving points.

Safety Leadership - UF would lead the way for transportation safety regulations and would participate in writing statewide rules and regulations.

Support Electric - UF would install solar charging stations to charge electric vehicles without tapping into the electricity grid.

Telecommuting - Provide training for all managers on flexible scheduling and telecommuting for employees, including topics such as how to manage remotely. Allow employees flexibility to work from home to reduce commuting, when appropriate.

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Action Plan

The table on the following pages lists the initial actions that can be taken over the next three years to move toward the vision for sustainability in Transportation at UF. The intention of creating this list of actions is to provide a platform for working groups as they begin to implement the vision. This list can be modified over time, and is meant to be a “living document.” Progress toward these actions will be evaluated annually and an updated action plan will be developed in the spring of 2012.

Outcome	Action	People
Alternatives to Single Occupancy Vehicles	1. Conduct a study on park-and-ride and express bus service to campus (as part of the Campus Master Plan update)	<ul style="list-style-type: none"> • Facilities, Planning & Construction • Office of Sustainability • Parking and Transportation Advisory Committee • RTS • Transportation and Parking Services • UF Sustainable Transportation Working Group
Alternatives to Single Occupancy Vehicles	2. Conduct evaluation of existing carpool program including compliance to letter of law vs. spirit of law, appropriate incentive levels, etc. Map addresses of parking decal owners to understand parking services according to proximity to campus. Set goals for carpool program.	<ul style="list-style-type: none"> • UF Sustainable Transportation Working Group • Facilities, Planning & Construction • Office of Sustainability • Parking and Transportation Advisory Committee • Transportation and Parking Services
Alternatives to Single Occupancy Vehicles	3. Identify potential campus locations and sources of funding for covered bicycle parking	<ul style="list-style-type: none"> • Office of Sustainability • Facilities, Planning & Construction • Physical Plant Division • Transportation and Parking Services • Sustainable Transportation Working Group
Alternatives to Single Occupancy Vehicles	4. Consider creation of a campus bicycle registration database	<ul style="list-style-type: none"> • Office of Sustainability • Sustainable Transportation Working Group • Transportation and Parking Services • University Police Department

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Outcome	Action	People
Alternatives to Single Occupancy Vehicles	5. Conduct survey or research on bicycle ridership needs including the impact of campus shower facilities availability (current map exists) as incentive/barrier to bicycle commuting.	<ul style="list-style-type: none"> • College of Health and Human Performance • Department of Urban and Regional Planning • Facilities, Planning & Construction • Office of Sustainability • UF Sustainable Transportation Working Group • Bicycle Clubs
Alternatives to Single Occupancy Vehicles	6. Evaluate needs/enforcement opportunities of street crossing signals for bikes and pedestrians and develop recommendations for the city and FDOT	<ul style="list-style-type: none"> • Sustainable Transportation Working Group • ADA Office • City of Gainesville - Public Works Department • Facilities, Planning & Construction • Florida Department of Transportation (FDOT) • Vice-President Business Affairs
Alternatives to Single Occupancy Vehicles	7. Identify funding sources for bicycle and pedestrian facility upgrades and ensure that building construction projects provide adequate bicycle/pedestrian access and facilities.	<ul style="list-style-type: none"> • Facilities, Planning & Construction • ADA Office • Committee on Persons with Disabilities • Parking and Transportation Advisory Committee • Physical Plant Division • Student Government
Alternatives to Single Occupancy Vehicles	8. Consider expanding guaranteed ride home program to people other than carpoolers and evaluate better coordination with campus cab	<ul style="list-style-type: none"> • Transportation and Parking Services • Facilities, Planning & Construction • Physical Plant Division • Sustainable Transportation Working Group
Alternatives to Single Occupancy Vehicles	9. Develop education, outreach and promotional materials for alternative transportation.	<ul style="list-style-type: none"> • Office of Sustainability • Sustainable Transportation Working Group • Transportation and Parking Services

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Outcome	Action	People
Alternatives to Single Occupancy Vehicles Efficient Campus Circulator	10. Conduct a faculty/staff survey to assess demand for on-campus transit ridership and circulator options. Identify improvements to transit to serve employees. Examples include: express routes, campus circulator route enhancements, park-and-rides, and transit transfer centers. Explore financing options.	<ul style="list-style-type: none"> • UF Sustainable Transportation Working Group • Facilities, Planning & Construction • Office of Sustainability • RTS • Transportation and Parking Services • UF Foundation • Vice President Business Affairs
Auto-Free Campus Core	11. Review vehicle access policies including gated parking options, delivery routes, and RTS routes with respect to how they impact campus core. Consider extending restriction hours for access and parking in the campus core.	<ul style="list-style-type: none"> • Facilities, Planning & Construction • Physical Plant Division • RTS • Transportation and Parking Services • University Police Department • Purchasing • Department of Urban and Regional Planning • Vice President Business Affairs
Auto-Free Campus Core	12. Research incentives and disincentives to auto-free campus core (i.e. street design options, signage, deliveries and special needs) and study how other campuses/cities have achieved auto free zones and limited delivery zones/times	<ul style="list-style-type: none"> • Office of Sustainability • Department of Urban and Regional Planning • Facilities, Planning & Construction • Transportation and Parking Services
Community Engagement	13. Add an ex-officio member/liaison UF representative (from UF Sustainable Transportation Work Group) to the Gainesville Bicycle/Pedestrian Advisory Board & RTS Advisory Board (and vice-versa)	<ul style="list-style-type: none"> • Student Government • Bicycle/Pedestrian Advisory Board • City of Gainesville - Public Works Department • Faculty Senate • RTS Advisory Board • UF Sustainable Transportation Working Group

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Outcome	Action	People
Community Engagement	14. Continue and expand interaction between RTS and other community groups with UF for events like the One Less Car Challenge	<ul style="list-style-type: none"> • Office of Sustainability • Bicycle/Pedestrian Advisory Board • City of Gainesville - Public Works Department • Kickstand • RTS • RTS Advisory Board
Community Engagement	15. Create a common calendar on alternative transportation events in the community (maintained by Office of Sustainability)	<ul style="list-style-type: none"> • Office of Sustainability • City of Gainesville - Public Works Department • Sustainable Alachua County • Bicycle Clubs
Community Engagement	16. Continue to improve coordination and communication between UF and the community on RTS planning, routes, bikes on buses, etc.	<ul style="list-style-type: none"> • UF Sustainable Transportation Working Group • Bicycle/Pedestrian Advisory Board • Citizens Advisory Committee to the Metropolitan Transportation Planning Organization • RTS • RTS Advisory Board • Santa Fe College • Student Transportation Committee Representative from outside UF core
Develop Shared Vehicle Fleet Program	17. Evaluate Zip Fleet (or other fleet sharing software) options for existing UF Fleet. Research what other campuses/cities have done.	<ul style="list-style-type: none"> • Transportation and Parking Services • Motor Pool • Physical Plant Division • Purchasing • Department Chairs
Efficient Campus Circulator	18. Develop more intuitive signage/wayfinding for existing campus transit service	<ul style="list-style-type: none"> • Facilities, Planning & Construction • RTS • Transportation and Parking Services

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Outcome	Action	People
Fossil Fuel-Free Fleet	19. Analyze cost of electric vehicle options	<ul style="list-style-type: none"> • Office of Sustainability • Motor Pool • Physical Plant Division • Purchasing
Fossil Fuel-Free Fleet	20. Explore feasibility of converting some fleet vehicles (and RTS) to alternative fuels	<ul style="list-style-type: none"> • Motor Pool • Physical Plant Division • RTS
Fossil Fuel-Free Fleet	21. Promote departmental use of bicycles and other alternative vehicle fleet options	<ul style="list-style-type: none"> • Office of Sustainability • Facilities, Planning & Construction Purchasing • Green Teams • UF Sustainable Transportation Working Group
Safety Leadership	22. Collect information and develop proposals for changes to state law regarding alternative vehicle types (e.g. electric bikes, carts, etc.)	<ul style="list-style-type: none"> • College of Law (Clinic) • College of Health and Human Performance • Department of Urban and Regional Planning • UF Sustainable Transportation Work Group • University Police Department
Support Electric	23. Evaluate security needs to avoid theft for electric vehicles. Assess parking options for electric vehicles.	<ul style="list-style-type: none"> • Transportation and Parking Services • Facilities, Planning & Construction • Motor Pool • Physical Plant Division • University Police Department
Support Electric	24. Evaluate and expand charging stations. Consider solar-electric pilot project.	<ul style="list-style-type: none"> • Office of Sustainability • Facilities, Planning & Construction • Florida Institute for Sustainable Energy • SolarCity Gainesville, Inc. • Transportation and Parking Services • UF Solar Society

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Outcome	Action	People
Telecommuting	25. Provide educational materials to assist managers and employees in understanding telecommuting options and advantages	<ul style="list-style-type: none"> • Human Resource Services • Office of Sustainability
Telecommuting	26. Survey management attitudes on telecommuting	<ul style="list-style-type: none"> • Human Resource Services • Office of Sustainability • Vice President Business Affairs
Telecommuting	27. Gather best practices for telecommuting referencing large corporations and institutions	<ul style="list-style-type: none"> • Office of Sustainability • Department of Urban and Regional Planning • Human Resource Services • College of Business