Developing Efficient and Sustainable Transportation Infrastructure, Policies, and Processes

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Please provide notes that are clear, concise, high level, and actionable. These notes will be initially forwarded to discussion leaders for final editing before publishing to all participants with the objective of providing them with good ideas and helpful contacts.

Best Practices

Attendees Interests
Fleet Vehicle Management
Transportation Demand Management (TDM)
Best Practices - share ideas and get more info
Where we are now, where we want to be
Bike Path Integration/walkways/greenways

Transportation Demand Management Best Practices
UNCG - 1st Bike Friendly University in NC 2011 and Top University Best Workplace for Commuters in US 2012
Commitment to sustainable transportation, not just parking
Transportation Master Plan and Bicycle Master Plan integrated with Campus Master Plan
Best Workplace for Commuters, Bike Friendly Universities
Google Transit bus trip planning
Electric vehicle charging stations (EV/PEV)
Incentives and priority parking spaces for carpool, vanpool, and low emissions vehicles (LEV)
Local Fare Free Bus Rides (student fee funded)
Bike Fix-it Stations – Dero & Fixtation
Bike lanes, bike lockers/showers, covered bike parking, campus cycling club, bike share/rental
Small bike supplies (tubes, patches, etc.) in vending machines
Ride share matching – Zimride, Ridepost, Share the Ride NC
Car sharing – Zipcar, Enterprise Car Share, Uhaul
Outreach and education integrated into orientation
Collaboration with regional transit, emergency ride home
Campus transit, park and ride
Transportation challenge to promote walking, biking, busing, carpooling, carsharing, telecommuting, etc.
Smart phone apps for alternative transportation – ex. bus locator, driving directions, where to park, etc.
**Misc resource info noted:**

NCPEV- Electric Vehicle Coalition  
http://www.ncpевtaskforce.org/  

Brian Jones and Marcy Bauer at NC State

### Opportunities

**Thoughtful, strategic policy development at campus, UNC system, and state levels**  
Policy to measure impacts of alternative transportation and show carbon reduction  
How to measure quantifiable benefits of TDM, EV, LEV, reduction in carbon emissions?  
Standardize or customize? Different needs and issues at various campuses

**EV Charging Stations**  
Charge a fee? Revenue potential? LEED credit for charging stations. Funding through student green fees.

**Collaboration w/ regional transit**  
Emergency ride home, U-pass, discounted fares, vanpools, share the ride, transportation challenges

**Transportation Challenges**  
Campus and/or regional campaigns, incentives/prizes for using alternative transportation

**Motor Pool and Fleet Vehicle Management**  
Internal vs. outsource - ex. Enterprise at UNCG and ECU

### Challenges

**EV Charging Stations**  
Enforcement issues, some people parking too long, limited space on campus.  
Free or fee based? Are campuses allowed to charge for electricity or just the parking space?  
Issues of giving away state money. Infrastructure power supply issues. Funding sources.

**Student Engagement v. Apathy**  
Institutional involvement with student clubs/programs – on some campuses, students do not want administration involved in their activities - ex. bike club discussed

**Motor Pool and Fleet Vehicle Management**  
Internal vs. outsource - ex. Enterprise at UNCG and ECU  
Vans are heavily used on campus and sometimes not available with outsource companies/vendors

### Possibilities for Collaboration

Policy development to measure impacts of alternative transportation use and GHG reductions  
Policy development for state purchasing, vehicle leasing, and motor fleet management flexibility  
Networking and sharing of ideas and best practices via meetings and email listserv