

Appalachian Energy Summit

APPALACHIAN STATE UNIVERSITY

The University of North Carolina Energy Leadership Challenge

Breakout Session Notes

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.ncpevtaskforce.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