

Transportation
Subcommittee

Meeting

November 18, 2008
4-5 p.m.
CUTR Board Room



**USF Climate Commitment Task
Force**

- “Summarize what USF is doing in the area of green transportation. Brainstorm on what else could be done. Prioritize key projects for the future. Develop initiatives as able. Work with Greenhouse Gas Emissions Subcommittee to assist with greenhouse gas inventory.”

Charge of Transportation Subcommittee

- Goal of each university ACUPCC signatory: become climate neutral, achieving no net GHG emissions ASAP
- Higher education is uniquely positioned to advance effort to go climate neutral
 - Teaching
 - Research
 - Community/business partnerships
 - Ideal settings to develop workable new strategies, systems, behaviors, and technologies that can be scaled up to the community and state levels

Goals

- Working with GHG Inventory Subcommittee
- Campus Carbon Calculator selected
- Emissions Calculator v.6 User Guide
- <http://www.cleanair-coolplanet/toolkit>
- 5 consecutive years of data requested
- Using calendar year

GHG Emissions Inventory

- Scope I: direct GHG emissions from sources owned/controlled by university (shuttle, service vehicles). USF Tampa campus only. Not Moffitt, Shriners, USF Research Park, Sun Dome
- Scope II: indirect GHG emissions from production of electricity used by the university
- Scope III: all other GHG emissions as a consequence of the activities of the university, but from sources not owned or controlled by the university; specifically from commuting and from air travel paid for by or through the university
- Optional Scope III: GHG emissions resulting from transportation of purchased goods

Operational Boundaries

- Bull Runner Shuttle service vehicles: Physical Plant, fuel type, gallons or MMBtu for natural gas
- Electric golf carts: Physical Plant, kWh
- Commuter travel: 2007 Transportation and Parking Survey, fuel type, gallons
- Air travel: Assistant Controller and Manager of Travel and Compliance, miles

Data Sources/units

- Summary of GHG emissions inventory for transportation with spreadsheet information as an appendix
- Brief narrative of baseline transportation conditions
- Past and ongoing programs
- Discussion of data limitations and proposal for improving data collection effort for next year
- Progress on immediate tangible actions
- Progress on development of Climate Action Plan goals and objectives

Elements of draft April 2009 Report

- What are emissions trends?
- What role has institutional growth played?
- What does that suggest in terms of policy?
- Where does it show places where USF has been successful so far?
- Where do your emissions suggest you start in making reductions?
- How to improve, facilitate, streamline data collection

Specifically...

- Air Travel Offsetting: Establish a policy of offsetting all GHG emissions generated by air travel paid for by or through the university. May also incorporate actions to reduce air travel.
- Provision of Public Transportation: Encourage use of and provide access to public transportation for all faculty, staff, students and visitors to the university. Transit must be free or at least 50% subsidized. Operation of fare-free shuttle to key campus locations and surrounding neighborhoods

Progress on Immediate Tangible Actions

- Develop list of potential actions for avoiding/reducing GHG emissions from transportation
- Recommend criteria to evaluate/prioritize actions, for example:
 - Potential to avoid/reduce GHG emissions
 - Flexibility as a step towards future emissions reduction actions
 - Return on investment or financial impact
 - Potential to create positive/negative social or environmental side effects
 - Relationship to other potential actions and opportunities for synergistic activities
 - Potential to be scaled upward if successful
 - Potential to involve students and faculty

Climate Action Plan