**C**ampus
**E**nvironmental
**S**ustainability
**T**eam

**Minutes**
Wed. March 24, 3:00 – 4:30 PMAdministrative Building III, Room 110

**Attendance**John Carter (AEI), Ellen Orabone, Erin Champion, Bryan Maxwell, Paul McConocha, Nessa Stone, Tracy Dixon, Bill Winner, Rob McKenna (Energy Strategies), Jack Colby, Matt Peterson, Carol Acquesta, Brian O’Sullivan, Jeff Hightower, Lisa Johnson, Barry Olson, David Dean, Nat Greer

**Introductions** – Bill

**Update on CAP** – John (see presentation – CAP update 3-24-10)

* Today: Official end of Phase 1
* Review:
	+ Base case development ongoing
	+ ~ 170 ideas were determined to have a potential GHG impact (from brainstorming sessions with CEST groups)
	+ Qualitative evaluation completed
* Created “NCSU GHG Management” tree/diagram from all ideas in order to approach the project
	+ Clarification: composting is considered to be a carbon sink
	+ Feasibility of each topic will be important; prioritizing; common metric?
* Looked at GHG aspects in accordance with the STARS (Sustainability Tracking, Assessment, and Rating System) criteria
* Next Steps:
	+ Engage NC State experts to develop assumptions; model CAP alternatives; develop CAP portfolios; Target June 15 completion

**Base Case Model** – Rob (information available on web site, access coming)

* Created web site that will house most up-to-date information, including assumptions. Access will be provided.
* Future energy demand, future GHG forecast – Forecast drivers for each GHG source
* Campus population growth forecast; campus area forecast; electricity and energy consumption forecast
	+ Square feet per research expenditure?
	+ Happy to adjust as necessary
* Financial Exposure; compliance costs; cap levels; GHG emission allowance price projection
* Abatement curve – Relative contribution towards neutrality & cost (savings) per MTCDE abated
* All can be tracked in one place for easy access – website will be available to the group

**Discussion/Proposed planning timeline modification** – Tracy & Lindsay

* Tactical development
	+ Tactical plan will be different from consultants’ work
	+ Consultants work will provide additional information for strategies with GHG impact (economic impact, GHG impact, etc)
	+ Allow group to start tactical development work, continue into the fall
	+ Working groups – who, when, how
	+ Consultants will not be sitting in with working groups – engaging individuals and small groups of people
	+ June 15th – targeted completion date for all of project (Phases 1 & 2)
	+ Next steps for WG up to chairs
	+ Energy & Water and Transportation WG finds the delay as not productive

Questions Raised:

* + Can some low hanging fruit-type tactics begin to be worked on?
	+ What information will we have from the consultants in the fall that would fluctuate the tactics proposed by the WGs?
	+ Can we approach it as a triage process (look at strategies that are known to be feasible and have a high impact)?
	+ Could you distribute the comprehensive list of ideas?
* Student-targeted ideas
	+ Feel like largest constituency, students, has been underrepresented in working group process and want to here directly from students
	+ Need to have focus and questions on the forums to give direction to avoid the common answers
	+ Could be focus of Earth Day
	+ Focus on classes that concentrate on environmental issues (Earth Science)
	+ Brickyard boothing and outreach by students
* Action:
	+ Working groups begin working on tactics (consider triage/priority method mentioned above)
	+ Tracy will disseminate the comprehensive ideas list and templates
	+ Sustainability Office will attend working groups
	+ Sustainability Office will work on additional student-targeted idea generation