

Minutes

October 2, 2012 2:00 – 3:30 pm
301 Administrative Building III

Attendance

Bill Winner, Jack Colby, Lindsay Batchelor, Sarah Ketchem, Sharon Looseman, Paul McConocha, Wade Fulghum, Mahomet Accilien, Walt Robinson, Lisa Maune, Megan Cain, Claudia Powell, Tracy Dixon, Mike Harwood, Jeff Hightower, Carla Davis, Tom Skolnicki, Taylor High, Connor Dorsch, Cameron Jetton, Brian O’Sullivan, Liz Bowen

Welcome - Jack Colby

- General information about the Sustainability Strategic Plan
- Introduction to the sustainability policy
- Welcome to new CEST members
 - Carla Davis - New Communication Coordinator, Sustainability Office
 - Taylor High - Inter-Residence Council
 - Connor Dorsch and Cameron Jetton - Student Government Sustainability Commission

Sustainability Policy - Tracy Dixon

- See document (Document 1: Draft Sustainability Policy)
- Three parts
 - Energy - presented by Claudia last meeting
 - Sustainability - presented by Tracy this meeting
 - Procurement - will be presented at future meeting
- 3 parts will come back together for final vote from CEST
- Send any feedback to Tracy
- Bill: suggestion to tie policy statement to SSP
- Jack: mechanism to reference statutes and other preceding NC State docs?
 - Answer: located in Section 4 under related documents
- Bill: Under Scope #5 - generally means reduction in energy use, but that might not hold true. Consider changing to: “shall reduce...while providing for the academic and research growth and the necessary services to operate the institution”
 - Jack: BTUs/square foot normalizes data, and CAP is energy reduction
 - Bill: different because i.e. you can reduce energy by using natural gas
 - Claudia & Tracy: Will use statement from draft energy regulation to this point
- Question: Why pull out operations as its own section?
 - Answer: Based on UNC/system policies
- Sharon: On Scope #6, purchasing

- Intern doing research with marketplace preferred contracts and suppliers
- Starting with electronic contacts and relationships
- Finding ways to highlight existing initiatives, i.e. recycled content for paper
- Question: Does this language provide the means to enforce?
 - Answer: Provides means for education/outreach, not necessarily enforce.
- Exceptions to purchases, looking into why those exist, 15% on the exceptions
- Walt: Should there be a link between #6 and #8?
 - Answer: They were bundled initially, but then separated out
 - Need to define total cost of ownership
 - Consider and highlight end of life recycling by companies in purchasing policies
- Walt & Lindsay: No administration piece, is there need for one about development and support of processes?
 - Follow up question: Should we mention the overlap and relationships/connections between different sections, initiatives, etc.
 - Answer: systems view in second paragraph under policy statement
- Wade: Need to mention innovation/economic development under second paragraph, piece is missing
- Transportation section
 - Lisa: Strengthen second sentence by changing “considering” to “promoting” or “ensuring”
 - Claudia: could delete “considering” altogether
 - Walt: “accessibility” in terms of the disabled – change to “mobility needs”
 - Lindsay: “single occupancy vehicles” – focus on what we’re encouraging instead?
 - Walt, others: Might miss targeted audience, value in still including it
 - Brian: Trying to reduce unnecessary trips, most on campus people use single occupancy vehicles based on surveys
 - Grammar
 - Walt: Scope 1 & Scope 2 - change “committed to” to “we will”
 - Walt: Scope 1 - change “that” to “who”

Year 2 Tactics - Working Group Chairs

- See Spreadsheet for full tactic updates (Document 2: Year 2 Tactics 2012-13)

Energy - Paul

- 19 tactics last year, 21 tactics for this year

- Majority of effort on 30% energy reduction by 2015 - performance contracts, labs/fume hoods, buildings, DH Hill building automation system, BMO/Facilities tech team for building decommissioning, lighting upgrade program, steam system
- Water, data management, building efficiency, green IT, boiler tune-up program, energy dashboards

WRR/Purchasing - Sarah

- Possibility of separating WRR and Purchasing into separate working groups
- Diversion goal of 65% by 2015 – lots of implementation, need program evaluation, continual education, residential diversion operations (trash shutles, composting pilot), construction and demolition recycling, zero waste programs (mini-bin program, athletics, events, housekeeping to remove extraneous trash bins)
- Implementation of source reduction – plastic bags
- Capture organic waste – dining halls
- About 100 more walkway bins to be placed
- Residence halls now have comingled recycling

Culture - Tracy

- Moving forward on policy to get adopted by administration
- Reported to STARS
- Funding – fee, grants, University Development
- Change Your State – enhance messaging, tracking
- Looking at evaluating and expanding CEST
- Embedding events to campus culture – new outside earth day chair, Walt as Green Brick chair, future goal for Campus Sustainability Day

Land Use - Tom

- Conducting Physical Master Plan update workshops
- Space utilization on campus - tools and resources to assigning people research space; assigning metrics to efficiency of research space
- Pedestrian-friendly mixed-use neighborhoods
- Top priority projects from Bike and Pedestrian plan
- Increasing campus open spaces
- Walnut creek greenway
- Oval on Centennial Campus
- Relocation of Varsity Drive research field buildings

- Increase percentage of undergrads on campus – Centennial Wolf Ridge Apartments, Greek Village
- Storm water master plan
- Heritage tree program, planting 4/4 reforestation areas, tree conservation plan to City of Raleigh for Greek Village
- Removal of invasive plants, focus on Centennial, partner with CNR

Transportation - Brian

- Tactics require developing partnerships/alliances/collaboration
- Master Plan - existing roadways, new roadways, parking facilities and supply issues ratio to square footage
- Electric vehicle (EV) - facility expansion, paying attention to intensity of use, charge time
 - Bill: Possible for stations to be abused?
 - Jack: No, there's a smart connection.
 - Usage implementation, monitoring and reporting
 - Jeff: has 2 year study about EV stations, Brian can tap into info, Vet school and Wildlife stations in progress
- Focus on transit
- Some progress on Strategy 3
 - Travel behavior study in February, implemented throughout the Triangle, customized for NC State to repeat every 2-3 years
- Strategy 5
 - Carpools
 - Limiting access to Dan Allen during the day - evaluation, is it enhancing a more sustainable environment and discouraging people from driving?

Buildings - Lisa

- Adopting a sustainability vision statement to include on scope for all projects
- Make sustainability initiatives more visible via signage and other outreach
- Educating customers on campus
- Make sustainability part of Facility Modification (Fac Mod) process
- Working with Centennial Campus Development to incorporate/include sustainability principles
- Brian: Trend for LEED buildings, competitions between buildings
- Solicit for more ideas under strategies

Academics and Research - Bill

- Data comparing student credit hours per BTU, GSF, gal water, research expenditures, etc. over 10 year period - working with student to analyze data
- New sustainability programs emerging in CALS, College of Management, and possibly a third
 - New dean in CNR
 - thinking about connections and how it links to larger framework
- New division of Academic and Student Affairs – rekindle discussion about sustainable living village for students
- PackLink program connecting students to projects and internships
- Designing a new minor in sustainable energy, probably housed in ASA, making progress

Other Updates

- Tom: info about master plan update workshops, 5 total around campus (see document 3:Physical Master Plan Update 2012)