

Energy Task Force
10/3/13
Summary

Summary of Conversation Topics

- Specific feedback for everyone to go back and work on sections a bit more
 - Please spell out acronyms used after the first time you use them so that it's understood what they are
 - A number of bulleted lists and lists of phrases within the sections that don't have a lot of explanation with them.
 - Add more narrative with those lists, paragraph/narrative form would be more helpful
 - Lists regarding recommended actions
 - Helpful to have the lists prioritized to some degree so we know what's most strongly recommended/important
 - Timelines for the actions would be useful
 - Implementation/evaluation section for each section still needs work
- Next drafts by the end of October
 - Could a template be created to help guide next set of revisions?

Key Agreements

- Next draft of sections to be done by end of October
- ETF/TPC need to begin communicating more and sharing information

Next Steps

The group identified the following next steps (or commitments) during the meeting:

What	Who	By When
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What	Who	By When
<p><i>WildCAP next steps</i></p> <p>Going forward</p> <ul style="list-style-type: none"> • Template to give everyone to use the same system • Revisit sections and add more narrative, get rid of bulleted lists • Look at health services what's going on with Lyme Disease and other types of diseases in campus population 	<p>ETF members, authors of sections</p> <p>Lou sending template around</p>	<p>End of October</p>
<p><i>TPC/ETF</i></p> <p>Next meeting of TPC</p> <ul style="list-style-type: none"> • Come in with a solid 15 minute overview 	<p>Paul Chamberlin</p>	<p>November 26</p>
<p><i>Attend next EcoTF meeting</i></p> <p>Provide update on land use/WildCAP</p>	<p>Mike B. and Lou</p>	<p>Next meeting</p>

Ecosystem Task Force

10/3/13

Detailed Notes

Participants

- Mike Bellamente, Climate Counts
- Paul Chamberlin, Facilities
- Jackie Cullen, UNHSI
- El Farrell, UNHSI
- Tat Fu, Civil Engineering
- Filson Glanz, Electrical Engineering
- Tom Kelly, UNHSI
- Matt O'Keefe, Facilities
- Steve Pesci, Campus Planning
- Lisa Pollard, Purchasing
- Beth Potier, Media Relations
- Lou Simms, Grad student, UNHSI
- Mike Welch, Enterprise Computing
- Peter Wilkinson, ETF Student Ambassador

Facilitator: Paul Chamberlin

Content Manager: Jackie Cullen

Welcome and Introductions

Paul updated on energy consumption on campus

- Discussion going on now about energy conservation measures: night/weekend setbacks
 - Creating conflict with some research activity in lab buildings. Need to support research 24/7, and run our buildings 24/7
 - Gotten up to higher levels
 - Want to be a research institution but on other hand have GHG emissions goals and reducing consumption
 - Setbacks can't necessarily get overridden
 - Labs are regulated because of hood airflow, issues are from offices in the building.
 - Thus far manifested as a cooling problem
 - What are options for south facing offices? Trees, overhangs on those windows.
 - Newer construction buildings have those

WildCAP status update: Lou

Feedback on drafts

- Have a rough draft, still a fair amount of work to get it all into one coherent report
- Specific feedback for everyone to go back and work on sections a bit more
 - Please spell out acronyms used after the first time you use them so that it's understood what they are

- A number of bulleted lists and lists of phrases within the sections that don't have a lot of explanation with them.
 - Add more narrative with those lists, paragraph/narrative form would be more helpful
- Lists regarding recommended actions
 - Helpful to have the lists prioritized to some degree so we know what's most strongly recommended/important
 - Timelines for the actions would be useful
- Implementation/evaluation section for each section still needs work
 - Who will lead the implementation efforts
 - Who will evaluate
 - What are the metrics to use to evaluate what we're doing
 - El: suggestions
 - Even as basic as a committee formed to develop a comprehensive an evaluation plan.
 - Who should be involved in that committee
 - Mike B: hesitation was not to "tell" people in dining/housing etc. that they have to be part of a committee
 - Would be fine to recommend a body to evaluate
 - Unless there's best practices to point to, would be OK that they need to be brought together based on any best practices there are
- Next drafts by the end of October
 - Could a template be created of what we should clean this up into
 - Right now is over 50 pages, very few will read
 - Challenge: Transportation i.e. create a lot of lists, each different group, multiple permutations of lists
 - How should accomplishments look, for example:
 - High level list of last ten years
 - Last one year, more details
 - Technical sections will look similar, but behavior, research/engagement, might look different from those

Discussion of specific sections

Air Travel

- Were looking at different years
- We're at 56,000 with the most recent inventory,
- Have adjusted the 1990 baseline to be higher, which brings our numbers now lower by 4000
- Highlighting that travel related emissions are a more dominant part of our footprint than we've appreciated, how does that change the overall strategy for getting to our 2020 goal and beyond?
 - Commuter emissions have increased in overall UNH emissions
 - Overall emissions have gone down, CoGen, but the share of commuter emissions have gone up.
 - Is this the long-awaited rationale for ETF/TPC

- Feedback on last TPC meeting
 - Concern expressed that there was some erosion in commitment to TDM
- Commuting
 - More beds in Durham, what are implications of those students living closer? Less in outlying communities
 - TDM was lining up behind Dirk Timmons, to support rule of no parking pass if you're 1 mi or less from campus
 - Commuter parking permits dropping 5% every year for many years
 - This Oct data: dropped 10% last year
 - Transit growth flattened last year even though services were added
 - Likely because of addition of beds, Cottages: can't get commuter permits
 - Campus connector is up 8-10%
 - Macro parking permits were down again, including faculty/staff
 - Disconnect is happening about not having enough parking
 - Maybe what's necessary is to have a 15 minute presentation on energy implications and how WildCAP fits in
 - Visa versa to have TPC concerns about parking presented
 - ETF Chair comes to TPC and visa versa
 - Student body president focused on a few measures, on TPC
 - Fire Station (proposed) and Rec Center, have big parking implications
 - Whatever's happening will, in theory, accelerate, adding more beds next year
 - What can be done for faculty/staff to ride the bus
 - Better park and ride spots like Portsmouth and Rochester lines have
 - Need to articulate to TPC that there's not much more that can be done by UNH to bring these numbers down, need to have more faculty/staff commuting on wildcat transit go up
 - Overview of the philosophy or the basis for calculation would be appropriate upfront because what will follow is that scope three is a challenge
 - Executive summary that calls out the changing nature of variables, and the ways we have to adjust for those changes
- Question on air travel
 - What are the guidelines
 - One stop flights are 2x the co2 versus a nonstop flight
 - Tradeoffs for prices, but could reduce a lot of emissions
 - Can buy offsets on any airline now, perhaps that is something that gets mixed in
 - Offsets for all the air miles would be more than off sets for all the electricity on campus
 - Could be a policy consideration
 - Air miles data is crude at best but is what we have for now.
 - Only have 2yrs worth of data, we can begin to see where that trend goes.
 - Have we ever considered any kind of incentives around travel issues?
 - Medical/insurance realm is a good example

- Get break on car insurance because of buying a T pass (Boston)
 - Tried to give free passes – 20 days of parking if you don't buy a pass
 - Still an issue of the union contracted parking pass price
 - If we reframe it as part of WildCAP commitment, maybe some pressure can be put on for some innovation on Dick Cannon's level.
 - Are other mechanisms, ways to tax colleges for travel
 - If endorsed by the administration, and if there's an emphasis on this area
 - Identify the two of three high focus areas
 - Have to get into summary the big picture trends
 - Students moving back into Durham, fewer eligible for/buying commuter permits
 - Care ownership rates nationally, wildcat transit trends,
 - Commuter student parking permits
 - Last ten years down 40%
- Parking permits
 - Have tried multiple models
 - Transit is much more predictable/reliable
 - Climate Counts perspective of incentives
 - Are employees incentives tied to emissions performance and cost savings?
 - Need something that puts things in their pocket, typically won't do it for the good of the planet

REC Sales

- Not really mentioned much in the draft but factored into the emissions report
- Are we going to cease the sales, continue
- Should it be discussed in this report?
- Economic pressure to continue selling REC's is overwhelming
 - Another five years until we can pay off the debt
 - We can have some offset the cost of projects and some to help us meet our targets
 - Still other stuff we can look at doing on the energy side and maybe get funding from the sales of REC's to look at larger projects.
 - What's in report for inventory summary is good now, would keep it.
- Getting very good revenue from sales, making the project viable despite the total volume decline from pipeline
- Continuing to divert organics to steam plant
- REC's driven by legislation and if legislation changes, who knows what markets could do

WALRUS

- Land Use
 - Kept in there mostly to keep the acronym accurate
 - Discussion on what land holdings can be counted
 - Counting forested lands

- ACUPCC has said they cannot be counted unless they've been prevented from being developed.
- If they're going to be dormant lands for foreseeable future anyway, cannot claim any more benefit to carbon footprint
- Would have to get conservation easements/other commitments to say we're not going to touch them long-term
- Good idea for MB and Lou to come to next Eco Task Force and discuss the land use issue

Adaptation

- Need help with recommended actions, implementation and evaluation
- Example that Paul gave will be one: A/C in buildings/shutting down buildings on nights/weekends
- Buildings in 1990 that were A/C versus now.
 - A/C everywhere now
 - Comparison
- Is telecommuting impacting anything?
 - Is in Matt's section
 - Policy about meetings to reduce air travel: availability of Goto Meeting type portals
 - New policy requires a form to be signed by supervisor
 - Can we get those numbers?
- Is there a measurable number of hours/days that students aren't coming to campus with distance learning classes?
 - At the same time, pushing more activity on campus in the summer months and J-term
- Has anyone looked at the impact of severe weather on things like cancelling classes?
 - Need to start tracking data on these things, heat advisories,
- Is there a metric to figure out if Student X is coming to campus less days/week now than they were five years ago?
- Looked at what did other Universities do for Sandy and Irene?
- If we're projecting longer/hotter/dryer summers
 - South facing tree planting, window shelves
 - Those will be adaptation for people in building but mitigation as well on energy demand reduction
- Also add all the work around long-term water supply
 - Things that UNH did lead to what has happened

WildCAP next steps

Going forward

- End of October deadline
- Template to give everyone to use the same system – Lou sending
- Look at health services what's going on with Lyme Disease and other types of diseases in campus population

TPC/ETF

Next meeting of TPC

- Exec Meeting is Nov 26
- Next meeting id Dec 3rd
 - Come in with a solid 15 minute overview
 - Need someone from ETF to come (Paul)
 - Could have Paul join at TPC executive meeting

Other items

Tweeting discomfort

- Addressed an issue in PCC for a classroom
- Issue was that it still needed A/C because it was warm
 - Happened to work out because Matt saw the email and was there
 - No one called the call center, worked because Tat Fu happened to see it and Matt happened to see email at the right time.