

***Learning Green, Living Green* Steering Committee Meeting Notes**
Frostburg State University's Sustainability Initiative

Thursday, March 12, 2009

3:30pm – 5:30pm, President's Board Room.

Present: Paul Kazyak, Kelly Martin, Phillip Allen, Bill Seddon, John Brewer, Joan Andorfer, Jonathan Gibraltar, Jeff Sellers, Patrick O'Brien, Kara Rogers Thomas, Monika Urbanski

Reminder: U Drive Folder. Please use to post material to share with the group.

Updates: Earth Week

Monday: Go ahead and plan a dinner for Brian Tokar and invite some students. We could do this with just the LGLG committee.

Tuesday: Focus Frostburg

Begins at 8:30 am with 3-4 presentations every hour on the hour through the afternoon.

Focus Frostburg Concert with FSU Chamber Choir. Monika will talk to Karen about finding the best time for the BBQ with the recital on a different day.

Wednesday: Earth Day of Action. Tree Planting, Community Garden, Arboretum, Petitions, Sidewalk Chalkboards, Rain Barrels

The deadline to be in the marketing materials is the end of the month.

There will be a lot of trees planted. It would be good to get a lot of these done. Will also be planting in the Arboretum. Will probably have some extra trees. All are native trees.

Thursday: Outdoor Day, encourage students to get out and into the environment

Friday: Relay for Life

Other Updates:

Procard Activity Log –Alan Snyder has developed a new activity log adding the Energy Star component.

Contest that we have a possibility of being involved with: **Power Down for the Planet.** The University that gets the highest % of faculty and staff to take a pledge wins the contest. \$10,000 prize, laptops, bicycles.

The contest starts on March 23 and the winners announced on Earth Day.

There is a Universal Prompt to put on lights, papers, etc. We can look into this One With the Earth.

Also, Kelly Martin wanted to involve the Arts Dept in some way. Sidewalk chalk, Acid mine Drainage in PA. Robert Hughes.

Greenhouse Gas Emissions

May 2 Spring Day of Caring and Sharing

Patrick, Monika, and President Gibraltar will cover the LGLG site.

Frostburg Greenhouse Gas Emissions inventory-on the U Drive under FSU Carbon Footprint

This will be used to help track data on our progress. We need to keep this as accurate as possible. Spreadsheet tab. You may click on the live links to take you to tabs.

The input tab –where most of the data gets entered.

We did have an enormous impact in our overall budget. This is for the entire institution.

We are at the same building space that we were when Compton was built. We are not including the Lyric Building, but because we are paying utilities, we probably do need to count this. But, John Brewer thinks utilities and rent is one lump sum, so we don't have an opportunity to track it.

Offsets – we can include composting as an offset. We'll need to look into this. Forest Preservation was tabulated from a map done from an aerial photo. Maybe there is a way to do something more accurate.

Close to half of what we purchase is from Coal, 28% Nuclear, 17% Alternative

Commuting: one of the most difficult areas to calculate.

Students 30% commute and drive alone

We need to look into this and try to do more. We do have a very extensive study on this.

Scope 1: Stationary on campus

Scope 2: Purchase of electricity

Scope 3: Anything off campus

Links to all the tables and categories

We set our base year at 2006 because that is what the State of Maryland uses.

We will have our new buildings up.

Jeff's group:

Mitigating Strategies

Purchased Electricity and On campus stationary are the biggest concerns.

Increase efficiency and reducing the usage.

We are going through and figuring out everything that is using energy. We need to get a handle on what requires how much energy.

We need to get a better understanding of this in order to be the most effective and efficient.

Lighting accounts for 40% to 50% of electricity. We are also looking into outdoor LED lighting. There is a retro fitting kit for the lampposts and Jeff did find an attachment that will hopefully work. We are looking for companies manufacturing in the US.

There is also the possibility of putting solar panels and powering.

We don't have individual metering. The \$ we spent on showerheads paid off in four months. It's more difficult to measure electric use given that we don't have individual meters. There is a lot of up front money that is required to measure this. Of course, it does pay off eventually because you can track your usage.

Dr. Gibraltar – knowing how much water we've saved is something that should be publicized.

Monika- maybe we should do a pilot project with a "typical" campus building and then test to see if we've saved.

John Brewer thinks we should use Compton. It's the biggest energy user on campus.

Bill: Unfortunately, for things to be done properly, they do have to be on all of the time.

All of the science dept. have their labs.

Monika's idea may be more useful.

Dr. Gibraltar- one campus metered all the residence halls and did a competition.

Bill: We could have building competitions.

Joan: We do need to change the culture.

Patrick: Maybe we don't need the Atrium lights on all the time.

Dr. Gibraltar: If we can demonstrate what we're doing, institutional funds. We can consider putting a certain percentage back into energy saving costs.

Joan: will talk to BJ and will add all of this as a strategy.

Energy Audit

We need to consider how to do this and who would be doing the labor. Perhaps we can have at least one representative from each building.

Once you get everyone involved they can be in the process of solving the problems.

Paul: Can we organize something for that Wednesday. Can bring the thermal camera.

Mitigation Strategies Team is going to continue to work on its strategies.

We will be discussing topics as we move on.

Our deadline April 16 – a Thursday between meetings. This is a first draft of strategies. We want an outline saying these are the strategies we want. Need to present this to the Executive Committee following that deadline.

On April 23 we will consolidate everything and make all the changes, schedule a meeting in early May. We'd like to do one big PR campaign for the campus community and general public.