

# Sustainable Bates

## The Data Issue

*This one is dedicated to all the (Data) lovers out there...*

### Bates Campus Carbon Footprint

How are we doing?



From our 2001 levels, our emissions are currently down 15%, despite increasing the actual size of our buildings. This is due to two things: switching from heating oil to natural gas, and the energy efficiency efforts of John Rasmussen, Bates Energy Manager and local hero.



This graph shows the carbon emissions from the buildings on our campus. The emissions come from three categories - electricity, natural gas, and heating oil. We are still in the process of collecting data on transportation. More soon. . .

### What's Next?

We are working to drive down both fuel usage and costs on the campus. In order to do this, we are making our buildings leaner and more efficient. These four projects are already in the works, and should show fuel reduction in the next year. Below is the breakdown of projects and energy-saving percentages. In total, these projects will save Bates roughly \$90,000 every year.

#### Heating Controls



Imagine that your home was roughly 1.6 million square feet, and you had no real way to turn down the heat when you left. Bad news - we are actually describing your home. Good news - starting this year, we will be able to control heating from a central location for the first time in the history of the college.

#### New Efficient Windows

Just what it sounds like.



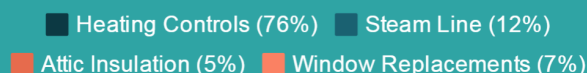
#### Attic Insulation

Lane, Smith, and Chase Hall are all getting cozy winter hats this year.

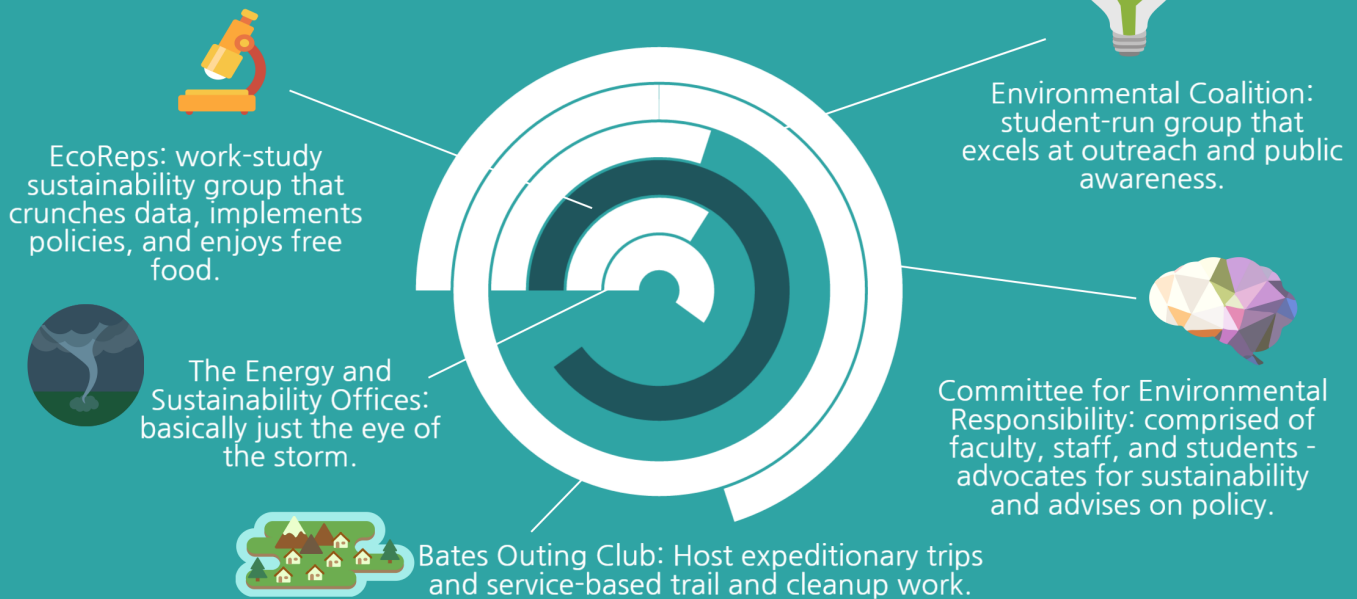


#### Steam Line Replacement

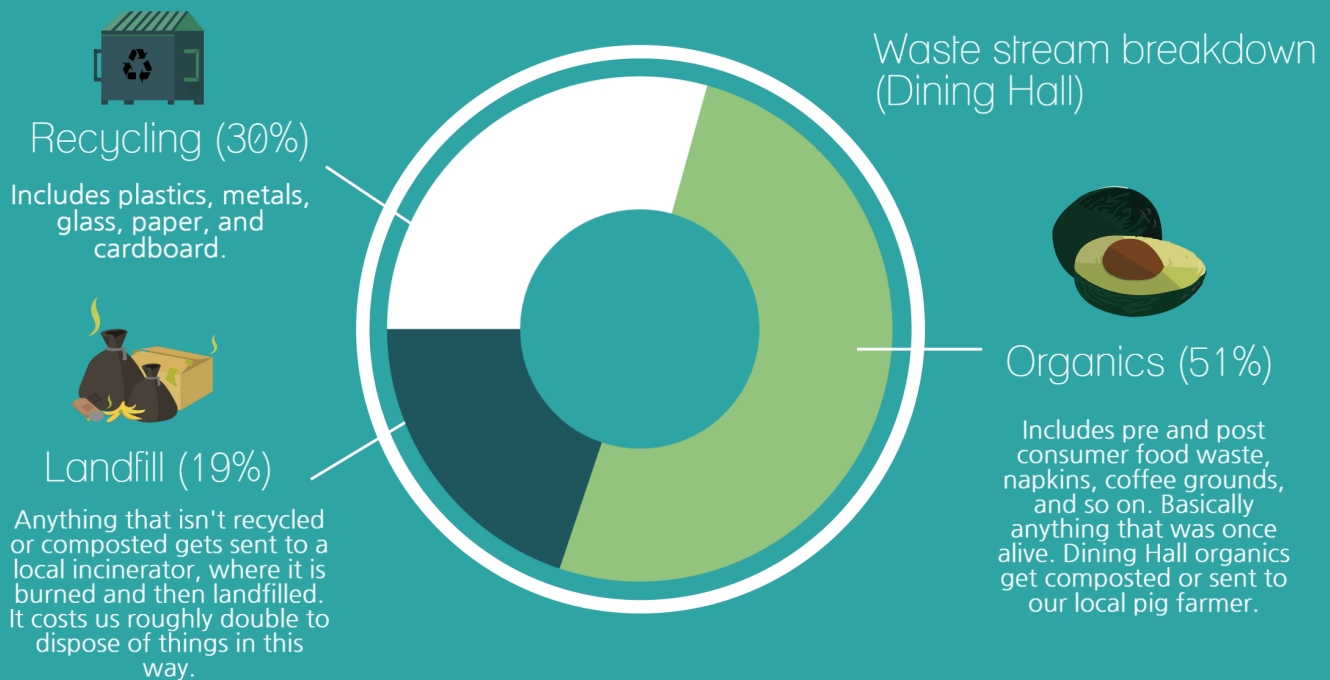
Bates is heated via underground lines that carry heat in the form of steam to the different parts of campus. Bad news - parts of this steam line are old and inefficient. Good news - they have been doing a great job of heating the soil. These old lines will be replaced this year.



# Environmental Clubs at a Glance



## Everything you always wanted to know about waste but weren't quite interested enough to ask...



The Dining Hall is able to divert a whopping 80% of its waste away from the landfill, due in part to their ability to capture food waste (as well as the herculean efforts of Christine and Cheryl). The rest of us mortals on campus are not doing quite as well - we have been stuck at about a 30% diversion rate for the past 15 years.

### Coming Soon:

So what's the plan? The EcoReps have been working to standardize waste bins and signage so that they are understandable and convenient for those that use them (you). We are also rolling out a campus-wide food waste pick-up pilot program at the Ronje, 280 kitchen, and Pettengill. More to come. . .

