Sightlines LLC
Carbon Emissions Analysis
UMaine System
A vocabulary for measurement
Go-Green Measurement, Benchmarking and Analysis

**Scope 1**
Emissions from the direct activities of the campus.
“Stationary”
- Fleet Fuel
- Fuel Oil
- Natural Gas
- Refrigerants

**Scope 2**
Upstream missions from utility production not at the institution.
“Upstream Emissions”
- Purchased Electric

**Scope 3**
Indirect emissions including transportation, waste disposal, etc.
“Indirect Emissions”
- Study Abroad
- Commuting
- Wastewater
- Recycled Paper
- Solid Waste
- Construction Debris

**Offsets**
The use of composting, forest preservation and/or the purchasing of REC’s to offset campus emissions.

**Primary Emissions**

**Ancillary Emissions**

**Missing Emissions from Maine System Carbon Analysis:**
1. Scope #1- Fleet fuel, Refrigerants, Fertilizer
2. Scope #2- None
3. Scope #3- All emissions
4. Offsets- All offsets
FY2010 Utility Consumption by Energy Type

- Sum of Oil #6 MMBTUs: 9%
- Sum of Oil #2 MMBTUs: 17%
- Sum of Natural Gas MMBTU: 24%
- Sum of Propane MMBTUs: 1%
- Sum of Electricity MMBTUs: 49%

FY2010 Utility Emissions by Energy Type

- Sum of Oil #6 GHG: 9%
- Sum of Oil #2 GHG: 16%
- Sum of Natural Gas GHG: 40%
- Sum of Propane GHG: 34%
- Sum of Electricity GHG: 16%
University of Maine system

GHG/1,000 GSF

GHG/Student FTE
GHG/1,000 GSF

GHG/Student FTE

Scope 1
Scope 2
GHG/1,000 GSF

GHG/Student FTE

Scope 1
Scope 2

Scope 1
Scope 2