We are making progress...
The following report is a snapshot of progress toward Yale University’s sustainability goals, contained in the Yale Sustainability Strategic Plan 2010-2013. When achieved these goals will reduce the University’s environmental footprint and enhance the quality of life on campus by streamlining systems and processes to save resources, time and money.

Over the last year the Yale Office of Sustainability has collaborated with departments across the University to address the challenges we face together and work toward advancing a number of meaningful initiatives that help Yale to achieve its sustainability goals. In this initial year of work we demonstrate that our efforts have taken root across the University, but we have more to do over the next two years. For a more comprehensive review of progress toward all of Yale’s sustainability goals and targets go to www.yale.edu/sustainability.

We hope that the pursuit of Yale’s sustainability goals will instill in the entire community a sense that we live on a planet with finite resources and that human action today affects the future of humanity and the natural environment.

Throughout this report you will find three types of icons. These icons represent Yale’s progress toward achieving the goals set forth in the Sustainability Strategic Plan 2010-2013.

- ✔️ We have achieved our goal.
- 🔺 We are on track to meet our goal.
- ⬇️ We can do better.
Sustainability Strategic Plan
2010–2013 Creating a sustainable campus to educate the leaders of tomorrow requires the flexibility to practice new behaviors, enable innovative strategies, embrace promising new technologies, and continuously seek new solutions over time. Success depends on the active contribution of every member of the Yale community.

RECOMMENDATIONS OF THE YALE UNIVERSITY SUSTAINABILITY TASK FORCE, SEPTEMBER 2010
Yale has achieved its goal to increase its recycling rate by 25%. Efforts to maintain this success are essential in the coming years.

Yale is on target to achieve its goal to reduce municipal solid waste 25% by 2013.
A sustainable campus strives to provide the necessary services for the campus to run efficiently and effectively with minimal impact on the environment and human health. Sustainability goals for Campus Systems can lead to greater coordination between operational units. This section includes a series of quantitative goals and/or new standards for Waste Management, Food & Dining, Transportation, and Design and Construction. This section also includes conceptual goals such as the Sustainability Supplement to the Framework Plan, Storm Water Management Plan, and the Sustainable Transportation Plan.

### GOAL

**Planning, Design, & Construction**

All Yale Project Managers and Planners will be certified as *LEED Green Associates* by June 2013.

We will create “A Sustainability Supplement: A Guideline for Campus Planning & the Built Environment” for the Yale Framework for Campus Planning by June 30, 2013.

**Transportation**

We will reduce reliance on single occupancy vehicles for travel to and from campus by 1-3% by 2013.

**Food & Dining**

University managed dining halls and kitchens will compost pre- and post-consumer food waste by 2013.

**Environmental Health & Safety**

We will expand participation in the *Green Labs Certification Program* to 50% of labs by June 2011, and to 100% by June 2012.

### PROGRESS

To date, seventy-one percent of all Yale Project Managers and Planners have been certified. The remaining staff are on target to be certified.

The Supplement is currently being developed and will be released in 2013.

Yale has reduced single occupancy vehicles for travel to and from campus by 2%.

Ninety-five percent of all pre- and post-consumer food waste in University-managed dining halls and kitchens is currently being composted.

Seventy labs from across campus have been certified as a Green Lab. This represent 14% of all labs on campus. Strategies to expand this program to a wider audience are currently being implemented.
Earth Systems

Yale’s campuses, Central, Medical and West, are situated within a diverse set of ecological conditions. A sustainable campus must take into account our greenhouse gas emissions, the consumption and discharge of water and the design and management of the campus landscape to decrease our impact upon earth’s systems locally and globally. The Yale Sustainability Strategic Plan calls for the development of an ecosystem management plan that integrates a water use and land management plan.

**Energy & Green House Gas Emissions**
Make progress toward the University goal of reducing greenhouse gas emissions to 10% below 1990 levels by 2020, a 43% reduction from 2005 levels.

Based on the 2005 building gross square footage benchmark, reduce energy consumption 15% by 2013; this represents a 4% reduction from Fiscal Year 2009.

**Land Management**
Establish an Ecosystem Services Plan by June 30, 2013.

**GOAL**

**PROGRESS**

In fiscal year 2011 Yale reduced its emissions 11.5% from 2005 levels despite an 11.3% increase in campus size.

Based on the 2005 building gross square footage benchmark, to date energy consumption has been reduced by 15.3%; which represents a 4.6% reduction from Fiscal Year 2009. Efforts to maintain this success are essential in the coming years.

The first of its kind for a university campus, an Ecosystem Services Plan is currently being developed and written, and will be released in 2013.
We have completed an analysis of water consumption by type. Further, eighty percent of campus water meters now enable accurate monitoring of building water usage. These actions will allow Yale to develop a comprehensive water management plan and set a water use reduction target.
Baseline: 208,401 reams  

Current State: 211,033 reams  

Goal: 25% reduction—156,301 reams

Campus paper consumption from fiscal year 2010 to fiscal year 2011 has slightly increased. To achieve the 2013 25% reduction target, we have to place a greater emphasis on best practices for paper reduction.
Administrative Systems

A productive campus relies upon systems that enable departments to balance budgets, procure goods, maintain spaces and ensure that best practices are used. The Yale Sustainability Strategic Plan calls for efficiency and coordination across administrative systems that lead to a decrease in paper use, procured goods and financial incentives that lead to best practices.

**GOAL**

**Procurement**
Assess the impacts of external deliveries to campus, and then by June 30, 2011, recommend changes to the current system to reduce those impacts.

**Cleaning and Maintenance**
Adhere to the Yale Green Cleaning Standards and reduce the use of chemicals in the cleaning and maintenance process.

**PROGRESS**

We completed an assessment of external deliveries and established a “no delivery” policy for office supplies on Mondays. We are evaluating additional opportunities for reducing impacts.

Custodial services staff are using Activeion Ionators on both Yale’s Central and Medical campuses. By transforming tap water into a powerful cleaning agent the Activeion Ionator eliminates workers exposure to cleaning chemicals while also eliminating 99% of the harmful germs and dirt. Further, all maintenance staff will have completed green cleaning training by January 2012.
Education & Engagement

Yale community members are the foundation for the success of Yale’s sustainability goals. Success requires the understanding of these goals as well as the active contribution and engagement of every member of the Yale community.

This section highlights opportunities to engage the community in behavior change strategies that encourage positive choices and leadership to enhance environmental, social, and financial priorities in a balanced way.

**GOAL**

**Yale Green Workplace**
- Pilot a *Yale Green Workplace Certification Program*.
- Make available to all units by January 2011.

**Education**
- Integrate *Sustainability* as a topic for new employee and student orientation by June 2011.

**PROGRESS**

We piloted the *Yale Green Workplace Certification Program* and it is now available to all units across the University with forty-two offices certified to date.

Incoming freshman receive a one page letter from the Office of Sustainability that highlight the University’s sustainability efforts. In addition to this, all new Yale employees receive a “welcome and introduction to sustainability” letter during their first week of employment.
During the first year of Yale’s $100,000 microloan program, $39,825 was awarded to three unique and innovative projects. A wide variety of proposals were received from staff, faculty and students. As we embark upon another year of the program we anticipate that there will be continued submissions of creative and fresh proposals.
but we need your help:

The Yale community plays an integral role in helping the University achieve its sustainability goals. By implementing as many of the following items as you can, your actions will have a direct impact on making Yale a more sustainable institution. To learn more about each item and how to participate go to: [www.yale.edu/sustainability](http://sustainability.yale.edu/).

- Take the Sustainability Pledge
- Use eco-font for draft documents
- Green certify your event
- Order office supplies a maximum of one time per week
- Green certify your workplace
- Purchase paper that is 50% recycled content or higher
- Green certify your lab
- Reuse items such as office furniture instead of buying new
- Join a green team or become a Sustainability Leader
- Use natural light versus overhead lights if possible
- Print double-sided
- Decrease your paper margins
- Explore alternative modes of transit to get to, from, and around campus such as walking, biking, public transit, or carpooling
- Use a laptop or other digital device at meetings instead of print outs

Made from recycled materials. [http://sustainability.yale.edu/](http://sustainability.yale.edu/)