



VISION: SUSTAINABILITY

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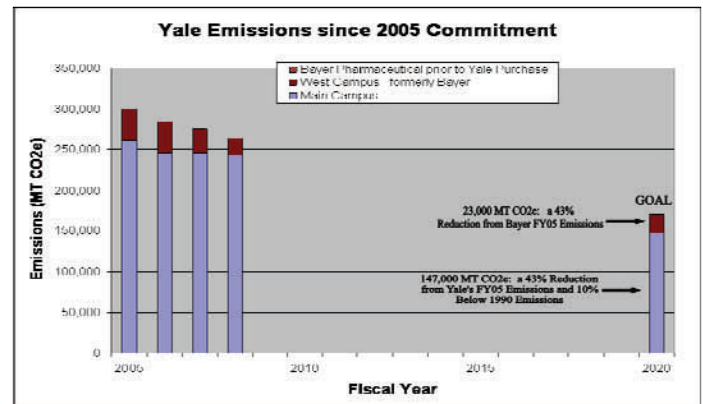
Greenhouse gas reductions continue

Yale reduced the greenhouse gasses emitted to heat and power its campus during Fiscal Year 2008 to 7 percent below 2005 levels, bringing the University closer to achieving its 15-year greenhouse gas reduction goal.

Pursuant to the goal, adopted in 2005, the University aims to reduce greenhouse gas emissions

For the full emissions report, go to www.yale.edu/sustainability

that contribute to global warming by 10 percent below 1990 levels – or 43 percent below 2005 levels – by 2020. Yale has effectively decreased its emissions through comprehensive and concerted efforts to



make its campus buildings and energy systems more efficient and to educate faculty, staff and students to be energy-conscious.

The University's reductions in greenhouse gas emissions to date, as well as projections of future reductions, are outlined in the annual executive summary Yale's Greenhouse Gas Re-

duction Strategy.

The reductions in energy use were achieved despite a 3.2 percent increase in campus size since 2005. The physical footprint of the University's central and medical campuses is expected to increase 15 percent by 2020. Much of that expansion will comprise

SEE EMISSIONS P.4

Exchange takes sustainability global

Four Yalies got an international perspective on sustainability this summer, thanks to Yale's relationship with research universities across the globe.

The students, Ashley Young MC '10, John Hinkle SY '09, Kate Gasner SY '09 and MJ Truong DC

'10, each visited one of three institutions in the International Alliance of Research Universities for internships ranging from 6 to 8 weeks. While they were abroad, students from the schools they visited came to Yale. The exchange, Sustainability Fel-

lows, is one of several joint efforts to promote sustainable practices by institutions in the ten-member IARU, an organization founded in 2006 linking eminent research universities around the world.

After a successful pilot

SEE IARU P.3

Law School ‘Green Team’ kicks off competition

The Law School is mobilizing students, faculty, staff and alumni to increase awareness of sustainable issues and develop practices to reduce the school’s environmental footprint.

In a message to the Law School community in August, Dean Harold Koh outlined a host of efforts his school will undertake to further the University’s goal of reducing emissions to 10 percent below 1990 levels by 2020. In addition to increasing efficiency in its dining hall and facilities, the school inaugurated a “Green Team” to spread awareness about sustainable issues among faculty, staff and students.



The team, lead by Associate Director of Student Affairs Maura Sichol-Sprague and Director of Alumni Affairs Abby Roth, is holding a competition among first-year students to generate and implement ideas on how to make the school more efficient. Each “small

group” of 15 students, into which all first-year students are sorted upon their arrival at the Law School, will submit a proposal, and the winning team will receive a sustainable dinner at Koh’s house.

“The goal of this whole thing is to raise awareness

and to get people to think about it in our community,” Sichol-Sprague said.

In addition to on-campus efforts, the next issue of the *Yale Law Report*, the school’s alumni magazine, will focus on sustainability. The issue will outline the school’s sustainability efforts and feature alumni who are innovative environmental leaders.

Both Sichol-Sprague and Roth are the Law School’s representatives in the Sustainability Leaders program, an University-wide initiative led by the Office of Sustainability to encourage thoughtful consideration of Yale’s impact on the environment.

Organizations recognize Yale for sustainable efforts

Yale has been recognized by several organizations for its efforts at reducing its environmental impact and promoting the tenets of sustainability.

The Sierra Club, a leading environmental advocacy group, gave Yale an honorable mention in a recent roundup of schools, while college guide publishers Kaplan and The Princeton Review each put the University on shortlists of environmentally friendly colleges. The three citations continue Yale’s tradition of outside recognition for its sustain-

ability efforts.

The recognitions are indicative of both Yale’s institutional commitment to reducing its impact on the environment and its role as an innovator in sustainable practices, said Julie Newman, director of the Office of Sustainability.

“We play a unique role among universities as a facilitator,” Newman said. “Sustainability is being recognized and embraced at all levels of the institution.”

The Sierra Club and The Princeton Review pointed out Yale’s aggressive targets

to reduce greenhouse gas emissions as well as its efforts to construct low-impact buildings. The University pledged in 2005 to reduce its emissions to 10 percent below 1990 levels by 2020. In addition, many of Yale’s largest building projects in recent years – including the Malone Engineering Center, Sculpture Building and the Class of 1954 Chemistry Research Building – have attained LEED ratings. Kroon Hall, the future home of the School of Forestry & Environmental Studies, is expected to achieve a LEED

Platinum rating once construction is completed.

Kaplan recommended Yale as one of 25 colleges whose culture, curriculum and campus are green-friendly.

Yale’s strong performance in such evaluations serves as a reminder that the University and its personnel must continue to set and achieve ambitious goals to increase campus sustainability and awareness of environmental issues, Newman said.

“We have made wonderful progress, but our work is cut out for us,” she said.

RMI SELECTS YALE FOR EVALUATION



Yale was one of 12 schools around the country selected by the Rocky Mountain Institute in September to participate in a program to engage university campuses in a dialogue about mitigating climate change.

As part of the program, *Accelerate Campus Climate Change Initiatives*, RMI experts will spend two days observing Yale's climate initiatives to learn about the University's successes and how it overcame problems and barriers. The program presents an opportunity for Yale to share its climate change efforts, said Keri Enright-Kato, Project Coordinator at the Yale Office of Sustainability. "Yale's strategies for responding to climate change will certainly be enhanced by its participation in this project," Enright-Kato said.

The Rocky Mountain Institute, founded in 1992 in Snowmass, Colo., is a non-profit organization committed to advising corporations, governments and communities on how to operate in a way that protects the environment.

IARU

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last summer in which two students each from Yale and the Australian National University swapped hemispheres, this year's exchange was expanded to include University of Copenhagen and the University of Oxford, two fellow IARU members. Two students, Emma Holmes-Story and Grace Foo, came to Yale from ANU, Simon Billet visited from Oxford and Asger Trier Bing came from Copenhagen.

The exchange is exhilarating for the students, who get an opportunity to learn about sustainability from a different perspective. But it's also a boon for the universities, said Bob Ferretti, the Education and Outreach Manager at the Office of Sustainability.

"There is a big need for

the exchange of information and best practices, and bringing students from overseas is a great way to facilitate that," Ferretti said. "Students are a great resource, because they bring a new dimension to our understanding of what's happening."

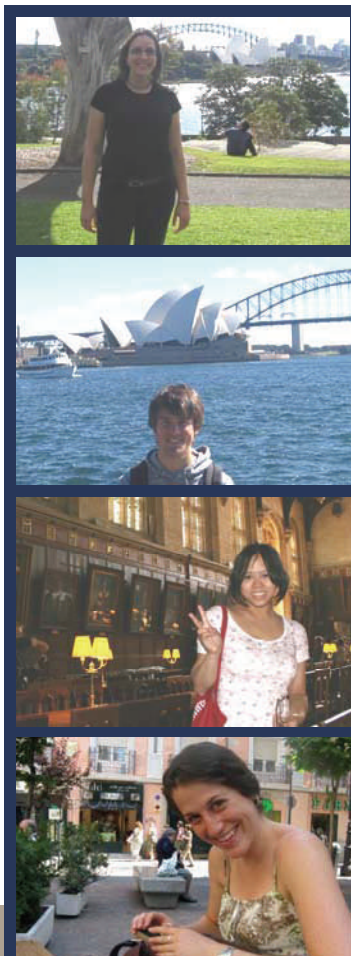
Hinkle and Young left New Haven for ANU, Gasner went to Copenhagen and Truong went to Oxford. Hinkle analyzed ANU's biker-friendliness and aided ANU in its efforts to involve students in sustainability programs. Young also helped ANU with student outreach and worked to produce informational materials. Truong helped Oxford's sustainability office develop its Web site, and Gasner helped plan the Scientific Climate Change Congress taking place in Copenhagen next March.

For the Yalies, the summer was, in many ways, a crash course on promoting environmental interests at the institutional level.

"This was the first time I had been involved in-depth with sustainability," Young said. "It was definitely a learning experience."

Truong's contributions to Oxford weren't limited to the Web site she built. Before she came, Oxford did not employ students to work on its sustainability efforts. But since she returned to Yale, they have hired another student, she said.

"They really liked the idea," Truong said. "They saw the benefit of having the student perspective."



FROM TOP: Ashley Young, John Hinkle, MJ Truong, and Kate Gasner

For the students' take on their summer experiences, visit:

www.yale.edu/sustainability/iaru2008recap.html

Sustainable Holidays

As the holidays approach, don't forget to plan special meals and gatherings with an eye toward the environment. The Office of Sustainability and the Yale Sustainable Food Project both provide guidelines to help you plan events that are both enjoyable and sustainable. Following is a list of tips and links to resources to help you make the most of the season while making the least impact.

- 1 Raise awareness by making sure your guests know about the sustainable aspects of your event.
- 2 Reduce energy consumption by holding your event during the day in a venue with natural light and encouraging guests to use alternative transportation.
- 3 Try to serve food with organic and locally-grown ingredients. Label sustainable items.
- 4 Go to www.yale.edu/sustainability and click on "Events" under the "Sustainable Yale" tab for more tips and checklists.

BY THE NUMBERS

7%

Reduction in FY08 emissions below 2005 levels.

43%

Reduction in emissions needed by 2020 to meet goal..

15%

Expected increase in the size of the Central and Medical campus by 2020.

EMISSIONS

CONTINUED FROM PAGE 1

laboratory space, which can be up to three times as energy-intensive as residential or administrative spaces.

"It is definitely a challenge to reduce our emissions while growing, but we are well on our way to meeting our goal," said Office of Sustainability Project Coordinator Keri Enright-Kato, who facilitates the release of the executive summary.

In addition to reducing emissions generated by the central and medical campuses, Yale also aims to decrease the emissions of the 137-acre West Campus, which it purchased from

Bayer HealthCare in 2007, by 43 percent below 2005 levels by 2020.

Yale made several strides to further reduce its emissions in the last fiscal year, said Tom Downing, Yale's Senior Energy Engineer. They include:

¶The ongoing replacement of 32 watt fluorescent bulbs with 28 watt bulbs.

¶The addition of occupancy and photo sensors to better regulate lighting around campus.

¶A new heat recovery system at the Anlyan Center at the School of Medicine. The system uses exhaust from the building's ventilation system to bring incoming air closer to room-temperature.

¶The replacement of win-

dows on Durfee Hall on Old Campus and 53 Wall Street, the home of the Whitney Humanities Center.

¶The renovation of Silliman College.

¶Demand ventilation systems in SSS, Branford College, Saybrook College, Timothy Dwight College, Rosenfeld Hall and Payne Whitney Gymnasium. The state-of-the-art systems use sensors to detect CO₂ levels and adjust ventilation accordingly.

Projects slated for the coming year include heat recovery projects in some School of Medicine facilities and a retrofit of the heating systems in Commons and Sheffield-Sterling-Strathcona Hall.

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