



FACT SHEET: STUDENT HOUSING



SUSTAINABILITY OPPORTUNITY

Approximately 11,500 students (90 percent of undergraduates and 60 percent of graduate students) live in one of the 357 residential buildings on campus. To meet the demands of environmentally conscious student body and reduce operating expenses, Student Housing developed its Living Green campaign. The program partners with students to foster behavior change, improve the energy and water efficiency of existing buildings, and implement sustainable operational practices. As a result of these sustainability efforts, Student Housing has been able to reduce water use by almost 40%, steam consumption by 25%, and its total utility bill by \$6 million since 2000.

TOP INITIATIVES & RESULTS

Promoting Sustainable Living

Stanford promotes awareness of sustainability through efforts such as:

- Student Housing partnered with the residents of Delta Delta Delta to completely eliminate chemical usage for cleaning by installing an ozone-infused water cleaning system that is just as powerful as traditional cleaners.
- Student Housing has teamed up with the Green Living Council to educate residents about sustainable practices and organize behavior change campaigns (such as enabling computer power management settings) in dorms and row houses.
- Student Housing produced a Sustainable Living Video that showcases Stanford's sustainability community and will be shared with incoming students during New Student Orientation

Energy & Water Conservation

- Student Housing has reduced its water consumption by over 100 million gallons per year (37%) thanks to the installation of over 13,000 low-flow toilets, urinals, showerheads, and faucets.
- Over 20,000 pieces of irrigation equipment across 57 acres of landscape were retrofitted, estimated to reduce water usage by 46% and save 33 million gallons of water per year.
- Replacing over 450 laundry machines with more efficient models has cut gas usage by 20% and saved 3 million gallons of water.
- Replacing over 10,000 lighting fixtures in student residences has saved over 2.1 million kilowatt-hours annually.

Waste Reduction and Procurement

Stanford Dining's waste reduction and recycling efforts include:

- Compost collection in all student-managed row house kitchens.
- A comprehensive recycling program for glass, plastic, metal, eWaste, and batteries in all student residences.
- Expanding paper towel compost collection in restrooms to residences.
- Expanding compost collection to all graduate apartments and providing in-room recycling containers for every student.
- Reducing waste in row houses by offering compost, recycling, and landfill collection in kitchens, common spaces, student rooms, and event spaces.
- The annual Give and Go program that reduces landfill as students move out by donating gently used items to local community organizations. More than 50 tons of goods were donated in 2015.

Sustainable Building

- Student Housing integrates energy-efficient equipment, low-flow fixtures, automatic lighting controls, water-efficient landscaping, recycled carpet, and salvaged building materials into its renovations.
- The university has identified a site and obtained funding for Stanford's Green Dorm, which will house 47 students, emit no net carbon, and generate more electricity than it uses.
- Where site parameters allow, photovoltaic and solar hot water systems are added to existing buildings to lower fossil fuel use.

MORE INFORMATION

LIVING GREEN

<http://livinggreen.stanford.edu>

CONTACT

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