



Protecting California's Environment and Economy

California State University, Dominguez Hills and other state institutions are major consumers of energy and natural resources. The university has a responsibility to be a wise steward of scarce resources by reducing the use of non-renewable resources, increasing energy efficiency, and as part of the large CSU system, promoting continued economic and ecological viability in California.

CSU Dominguez Hills is on the cutting edge of sustainability efforts by an urban campus, and is actively providing leadership in engaging faculty, students and staff in on-campus sustainability efforts. We are looking at ways to increase partnerships and funding to support the educational, research, and public service missions of the university as they relate to sustainability.

University Programs

Center for Urban Environmental Research (CUER). Interdisciplinary center that coordinates and supports urban environmental activities on campus. Activities include:

- ♦ Environmental Science Master's Degree
- ♦ Environmental educational pipeline of students from pre-college to Ph.D.
- ♦ Interdisciplinary research including urban environmental research, environmental policy, community environment concerns

Child Development Center Discovery Play Garden. All native, model garden that will also serve as an educational tool, involving children and parents, is funded by California Water Service Company and the LEGO Children's Fund.

Earth Day Celebration. The campus celebrates Earth Day each year in April with a wide range of events and activities that include information and vendor booths, entertainment, and speakers. Representatives of environmental organizations are on campus to talk about their work, and performances of ethnic and cultural traditions that honor the earth and nature take place.

Urban Forest Initiative. Plans are underway for a native species urban forest on campus that will be a resource/teaching center for planners and developers.

Energy Use

SunEdison Partnership. Power-purchase agreement with SunEdison includes installation of a 3,288-panel solar electric canopy over a campus parking lot that produces 800,000 kilowatts a year, nearly a quarter of the university's electricity needs. The system produces clean renewable energy onsite.

Co-Generation Plant. Plans for a 2.4 megawatt plant will generate 85% of campus electrical needs, which along with photovoltaic panels, will take the campus off the grid. Chill water from the plant will be used for cooling system, reducing our carbon footprint by 25%.

Compact Light Bulbs. West Basin Municipal Water District donated 1,000 energy-efficient compact light bulbs that are installed in Student Housing.

Recycling

Tully's Coffee. Campus vendor serves fair-trade organic espresso beans and uses 100% biodegradable and compostable coffee cups and to-go containers.

ASI Recycle Initiative "GO GREEN". Associated Students, Inc. educates and promotes recycling on campus and in the community, through the "GO GREEN" recycling program.

Campus Programs. Business materials such as toner and ink cartridges and electronic media are recycled. Campus landscaping includes xeriscaping and grass recycling. Additional recycling programs include collection of:

- ♦ aluminum cans and plastic bottles
- ♦ office paper (white and mixed), newspaper
- ♦ cardboard
- ♦ scrap metal
- ♦ construction and demolition materials
- ♦ green waste
- ♦ special waste such as white/brown goods; concrete, asphalt and rubble
- ♦ hazardous materials such as electronic waste, batteries and used motor oil

Transportation

RideShare Program. The campus Rideshare Program includes many benefits for faculty, staff and students who commute to campus, including a student bus pass program, ridematching service, guaranteed ride home, preferential parking and commuter rewards.

Water Conservation

Weather Sensor Irrigation Control. A grant from the Metropolitan Water District of Southern California provides a wireless irrigation system for the campus that uses reclaimed water and includes a weather sensor that monitors flow.

Low-Flow Showerheads and Urinals. All showerheads on campus are being replaced with low-flow versions. California Water Service Company (Cal Water) donated 150 showerheads and a grant from Cal Water will replace all urinals with low-flow models.

Campus Water Towers. Potable water in the water towers is being replaced with reclaimed water.

West Basin Municipal Water District Pilot Project. Upgrades in University Housing include over \$360,000 in savings and water use reduced by 50% by installing:

- ♦ Over 225 dual-flush, low-flow toilets
- ♦ 150+ low-flow showerheads
- ♦ Faucet flow restrictors