

## **List of Business/Individual GreenCircle Award Recipients**

### **Avon**

**Avon Public Schools:** Energy conservation efforts have resulted in a 31 percent annual savings in energy usage and costs. The reductions are due to modification of set points and operating times of all HVAC equipment, including shutting equipment down over the summer break. All lighting is programmed to operate only as necessary and all electronic equipment (computers, monitors, and printers) is turned off each night.

### **Bethel**

**Harry Gibson:** Founding member of the Friends and Neighbors of Putnam Memorial Park, Redding. Harry, along with other volunteers, has spent thousands of hours weeding, mowing, pruning and helping to maintain 152 acres of Putnam Memorial Park. Harry helped organize and coordinate Living History School Day and the Living History event. This event educates the public on the history of the Park as it relates to the American Revolution.

### **Branford**

**Gzen:** A fully sustainable restaurant and a ZERO waste establishment. Gzen uses 90 percent organic ingredients and 100 percent vegan ingredients which are found locally within 25 miles of the restaurant. Many of the ingredients for the food served are grown on Shadle Farm, the owner's organic farm in Durham. Shadle Farm composts 100 percent of the waste from the business and runs 100 percent on solar energy.

### **Durham**

**Chapman Manufacturing:** Implemented a new recycling program including a machine oil separator that is used to remove fine metal particles from their used machine oils. This enables them to continue to reuse the oil on a daily basis. All of their fluorescent light bulbs, batteries and computer/electronics are recycled and unnecessary office equipment and chairs are donated to the Goodwill.

### **East Hartford**

**Environmental Office Solutions, Inc:** Supports efforts of businesses, government agencies and consumers to recycle cell phones as well as used toner and inkjet cartridges from printers, copiers, facsimile, and multifunction printers. The company is now certified to R2:2008 (Responsible Recycling Practices). All cardboard, stretch film and soft plastic packaging is baled and sent for recycling and in the first five months of last year, close to 170,000 lbs. of these materials were recycled.

## **East Hartford**

**Horst Engineering:** Invested in solar PV electric power system four years ago that has generated a total of 176,264 kilowatt hours (kWh) of clean energy. Their 128 rooftop solar panels provided 46 percent of the power used by the company. Through their membership in 1% for The Planet, they support 20+ environmental non-profits including the Appalachian Mountain Club, Connecticut Forest & Park Association, and Riverfront Recapture.

## **East Hartford**

**United Steel, Inc:** Installed Sonical fuel treatment systems on two diesel powered trucks that produced a 19% efficiency improvement in diesel fuel usage during the test period. The company also transitioned from paper drawings to the use of laptops in the fabrication shop, eliminating hundreds of thousands of sheets of blueprints annually.

## **Ellington**

**Eagle Valley Eco Fuel, Inc:** Converts manure and stall waste into a biomass heat source. The daily operation recycles solid waste and provides a clean, renewable energy source as a final product. Farms with greenhouses that use this product for heat, cut their energy consumption in half.

## **Falls Village**

**Duke Moore:** Restored a 125-year-old fountain located on the town green in the City of Winchester (Winsted). As part of the restoration process a recycling system was designed that enables the city to save 600,000 gallons a year of water used in the outdated fountain. Water was previously supplied by the town water system, passed through the fountain, drained into a storm drain and flowed into a nearby stream without recycling any of its water.

## **Farmington**

**GreenShare Technology:** Provides low cost computers and training to those who cannot afford new technology. Unwanted computers from businesses, organizations and individuals are repurposed for schools, libraries, students, and people with disabilities for home use. GreenShare volunteers have contributed more than 1,500 hours to saving unwanted computers and has provided more than 110 free computers to those in need.

## **Middletown**

**Bull Metal Products, Inc:** Reduced cardboard waste by 12% with a HSM Profi Pack Machine that reuses corrugated cardboard as packing material for shipping their products. A Jenfab part washer is now in use that reduces water consumption by 9%. Natural gas space heaters in the facility have been outfitted with Honeywell timer/temperature controls to automatically shut off during off hours.

## **New Britain**

**Dr. Charles Button:** Founded and chairs Central Connecticut State University (CCSU) Global Environmental Sustainability Action Coalition and the President's Advisory Council for Environmental Sustainability. He has created campus and community programs that reduce waste and pollution and promotes adoption of policies on sustainability and environmental stewardship.

## **Shelton**

**PerkinElmer Health Sciences, Inc:** Implemented energy conservation and reduction efforts by retrofitting and installing high efficiency lighting and "green" chillers. The company received ISO 14001 Environmental Management Systems Certification and OHSAS 18001 Health and Safety Certification. The company also implemented a Pollution Prevention Plan that eliminated mercury from its manufactured products.

## **South Norwalk**

**NRG Energy, Inc:** Implemented educational programs including the Environmental Student Detective Program in Norwalk that teaches students to use environmental indicators to locate sources of contamination and broken sewage pipes. The work of students has helped stop major sources of contamination into Norwalk Harbor and Long Island Sound. A Diamond Back Terrapin Turtle Restoration Project was also initiated with support from SoundWater Environmental staff that protects the eggs of nesting turtles.

## **Stratford**

**Aptar – Stratford:** Reduced its electricity consumption with an energy efficient cycling generated dryer that was installed on a compressed air system, resulting in an average annual savings of 143 metric tons of CO<sub>2</sub>. Finding and repairing compressed air leakages resulted in a savings of 45.5 tons of CO<sub>2</sub>. Installation of solenoids on assembly machines decreased the consumption of electricity by 15% and compressed air by 29%.

## **Orange Woodbridge**

Began as a campaign in 1996, **Dave Steinmetz** has now teamed up with **Dan Kruger** to provide solutions to cigarette butt litter. Together they contact members of Connecticut's communities to raise awareness of the issue and provide ash receptacles for smoker's proper disposal of their butts.

## **Torrington**

**Aptar – Torrington:** Reduced its electricity consumption and offset 615.8 metric tons of CO2 by continuing efforts to install high efficiency equipment and performing an annual compressed air leakage survey. Examples include replacing two hydraulic molding machines with electric molding machines that saved 243 metric tons of CO2 and installation of six micro molding machines that resulted in a savings of 122 metric ton equivalents of CO2.

## **Wallingford**

**Bristol-Myers Squibb:** Implemented natural resources, environmental awareness, recycling, and energy conservation projects. The wildlife team helped expand two nature trails and developed a pond management program. For over five years the company has participated in a waste minimization and recycling program that encourages recycling efforts. The company supports water conservation and energy management initiatives that include installation of solar and LED lighting in their parking lot and adding controls to chillers that optimize equipment to high efficiency levels.

## **Waterbury**

**Coilplus CT:** Implemented ISO 14001:2004 and a single stream recycling program that recycles ink cartridges, CFL bulbs, and batteries. Coilplus has also hosted an onsite electronics recycling event with Connecticut Resources Recovery Authority (CRRA).

## **Watertown**

**Philson, Inc:** Holds annual employee river clean-up days. Philson participates in the Northeast Utility Process Re-engineering for Innovation and Manufacturing Efficiency (PRIME) program that uses LEAN principles to reduce solid and hazardous wastes while increasing energy efficiency.

## **Windsor**

**Westinghouse Electric Company, LLC:** Participated in projects that resulted in 20% reduction in water use. As part of their ISO 14001 targets and objectives, electricity and water usage were reduced. Another energy efficient project was a KAIZEN event that improved the cycle time throughout the end plug machining area.

## **Winsted**

**Highland Lake Watershed Association (HLWA):** Instituted a “Legacy” program that accepts donations of open space land in the watershed which has led to the acquisition of 16 properties. Money has been raised for land purchases. HLWA conducts two annual volunteer roadway cleanups surrounding Highland Lake.