

The Resource Conservation Challenge in Action

It is more important than ever for Americans to make sound environmental decisions. The Resource Conservation Challenge appeals to makers of goods, sellers of goods, and buyers of goods to begin a better way of doing business. It asks everyone—businesses and consumers—to make smarter purchasing decisions that conserve our natural resources, save energy, and reduce greenhouse gases.

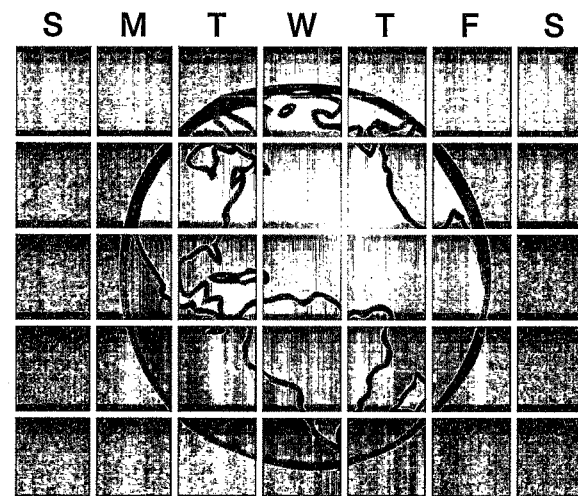
The projects in this list are provided as a general overview. Many cross over categories, but we have highlighted the primary focus of the projects.

For More Information, visit:

www.epa.gov/epaoswer/osw/conserve/index.htm



WHAT CAN YOU SAVE TODAY?



















RESOURCE CONSERVATION CHALLENGE



The Resource Conservation Challenge in Action

Focus Area

Project	Description	Forming Challenge Partnerships	Stimulating Infrastructure, Product Stewardship, and New Technologies	Helping Businesses, Government, Institutions, and Tribes	Engaging Consumers and Educating People
Alternative Fuels:	A program to facilitate recycling of hydrogen fuel cells and other alternative fuels as they are developed.				
Aluminum in Vehicles:	An adjustment of regulatory controls to facilitate the use of aluminum in vehicle production to increase fuel efficiency and reduce air emissions.				
America Recycles Day:	A partnership of government, business, and others to boost recycling in America through local events on November 15 every year.				
Carpet Product Stewardship:	A project to reduce waste and divert 40 percent of used carpets from landfills by working with a coalition of carpet manufacturers, trade associations, state, and regional governments.				
Clean Energy and Chemical Products:	A project investigating gasification technology to determine whether this process can be used safely on certain petroleum and other hazardous wastes.				
Coal Combustion Residues:	A pilot project to work with industry to demonstrate and promote a variety of possible beneficial uses of coal residues, such as aggregate cement substitutes.				
Consumer Education Campaigns:	Several projects designed to motivate consumers to prevent waste, recycle, and buy recycled products by using radio and television ads.				
Deconstruction Projects:	Assistance and training program to encourage deconstruction and use of reclaimed materials.				
Domestic Energy Sources:	A project looking at a range of industrial byproducts that might safely be used as fuel.				
Electronic Recycling Outreach Campaign:	An educational campaign working with manufacturers, retailers, and governments to expand and publicize opportunities to recycle and reuse computers and other electronic products.				
Educational Institutions:	Projects helping colleges, universities, laboratories, and schools to improve reuse, recycling, and chemical management.				
Electronics Product Stewardship:	Working with the National Electronics Product Stewardship Initiative (NEPSI) to increase the collection, reuse, and recycling of used computers and electronic equipment.				
Enhancing Product Stewardship:	A program that encourages product stewardship through shared responsibility among manufacturers, retailers, governments, and consumers to reduce the life-cycle impacts of products, such as automotive products or beverage containers.				
Fluorescent Lamps:	A cooperative outreach program that supports and promotes waste reduction and recycling, and targets commercial and industrial lamp users.				
Foundry Sands:	A project to create guidance on reusing foundry sands instead of mined materials in highway construction and other projects.				
Federal Green Product Trade Fair:	A trade fair to unite the federal procurement community and vendors to promote the acquisition of recycled content, environmentally preferable, and biobased products.				
Greener Parks:	A collaborative project with the National Park Service to reduce solid and hazardous waste in 89 national parks.				
Hazardous Waste Permits:	A project to standardize and simplify the permitting process for energy-related and hazardous waste recycling facilities, and for innovative businesses that reduce waste.				
Health Services:	Projects working with hospitals, biotech firms, and medical facilities to promote product stewardship, reduce waste and bioaccumulative chemicals, and increase product reuse and recycling.				

Landfill Gas in Food Production:	A project to examine landfill gas as a fuel source.				
Lead Shot and Bullets:	An environmental stewardship project working with national organizations to recover and recycle lead shot from shooting ranges.				
Making a Difference:	An educational campaign to motivate teens to conserve resources, and to reduce, reuse, and recycle.				
Making Electricity:	A project examining "co-firing" of municipal solid waste as an option to supplement coal in electricity production.				
Markets for Compost:	A program that maps generators and composters to encourage compost facilities and markets.				
Metal-Finishing:	A project to recover waste metals to reduce the demand for new materials from mining; a pilot project to help metal finishers manage chemicals; and a training project to reduce waste.				
National Waste Minimization Partnership:	A recognition partnership of businesses and organizations that voluntarily set and achieve their own hazardous waste reduction goals.				
Nationwide Electronics Recycling:	Regional projects exploring, evaluating, and expanding reuse and recycling of electronic waste.				
Native American Awareness:	A strategy to increase waste reduction, recycling, and neighborhood revitalization on tribal lands.				
New Challenge Program on Product Stewardship:	A collaborative project that challenges businesses to incorporate clean manufacturing, toxics reduction, recycling, and reuse into their processes, starting with pilot projects in design of electronics.				
Paper Products:	A project to use recycled/recovered paper to create molded paper products, such as egg cartons and packing material.				
Plastic Railroad Ties:	A project to evaluate greenhouse gas savings from using recycled plastic, rather than chemically treated wood as ties.				
Pollution Prevention:	Projects to develop on site pollution prevention training for all employees to prevent pollution.				
Recycling Marketplace:	An experimental project in Alameda County, California, investigating whether keeping recycling companies close to local recovery facilities and markets will reduce costs and increase recycling.				
Recycling Cathode Ray Tubes (CRTs):	A project to adjust waste management controls to promote CRT glass recycling and reduce lead in the environment.				
Recycling at Shopping Malls:	A project to motivate retailers, mall managers, and consumers to prevent waste, recycle, and buy recycled products at shopping malls.				
Reusing Construction Materials:	A collaborative project working to salvage and divert material from home deconstruction.				
Reusing Waste Materials:	A program designed for one company's waste to become another company's raw material.				
Revamping Regulations:	A project to evaluate revising current hazardous waste regulations to promote safe reuse and recycling, such as using hazardous waste materials as micronutrients in fertilizers.				
Tribal Waste Reduction:	A joint venture with the Department of Housing and Urban Development to provide training on waste prevention and energy efficiency in operations such as tribal schools, hotels/casinos, and health care facilities.				
Urban African-American Consumers:	A multimedia educational campaign on environmental issues of concern to African-American communities, such as recycling, lead paint, and illegal tire dumping.				
Video Arcades:	A project to incorporate "reduce, reuse, and recycling" messages into video arcade games.				
Waste-to-Energy:	A pilot project is testing a gasification system to produce synthetic natural gas from solid and industrial waste.				
WasteWise Program:	A partnership of more than 1,200 businesses, governments, and institutions to reduce municipal solid waste. EPA provides technical assistance and recognition.				
Working Smarter:	Several programs helping businesses design and use resource-efficient and waste reduction techniques, as well as less toxic processes.				

Technology • Helping Business, Government, and Institutions/Tribes •
 Engaging Consumers and Educating People • Forming Partnerships •
 Infrastructure, Product Stewardship, and New Technology • Helping
 Business, Government, and Institutions/Tribes • Engaging Consumers and
 Educating People • Forming Partnerships • Infrastructure, Product
 Stewardship, and New Technology • Helping Business, Government, and
 Institutions/Tribes • Engaging Consumers and Educating People • Forming
 Partnerships • Infrastructure, Product Stewardship, and New Technology •
 Helping Business, Government, and Institutions/Tribes • Engaging
 Consumers and Educating People • Forming Partnerships • Infrastructure,
 Product Stewardship, and New Technology • Helping Business, Government,
 and Institutions/Tribes • Engaging Consumers and Educating People •
 Forming Partnerships • Infrastructure, Product Stewardship, and New



United States
 Environmental Protection
 Agency

Solid Waste and Emergency Response (5305W)

EPA530-F-02-036

www.epa.gov/osw

Technology • Helping Business, Government, and
 Institutions/Tribes • Engaging Consumers and
 Educating People • Forming Partnerships •
 Infrastructure, Product Stewardship, and New