

Who Are We?

The WRATT Foundation is a non-profit corporation staffed exclusively by retired engineers, scientists and other professionals. The corporation is governed by a board of directors representing large and small industry, public and private institutions, professional and business associations, and other organizations committed to sustainable development and environmental protection. WRATT is funded by grants from private foundations and Federal sources, and voluntary contributions from Alabama businesses and industries.

What Do We Do?

The WRATT Foundation provides free*, confidential, voluntary, and non-regulatory technical services in the areas of waste reduction, pollution prevention, and energy conservation to businesses, industries, and public or private institutions. Foundation services include technical assessments, seminars, workshops, and other public education activities designed to help clients reduce operating costs, waste, pollution, and energy use. Clients are under no obligation to implement Foundation recommendations. The Foundation also provides assistance to other states and foreign countries who wish to establish programs similar to ours.

Who Is Eligible?

All public and private entities are eligible to participate. Foundation services within the State of Alabama are provided at no charge*.

How Do You Contact Us?

Phone: (256) 248-0191
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Website: <http://www.wratt.org>
E-mail: admin@wratt.org

* Subject to the availability of funding

Client Comments

"ACIPCO has directly benefited from the expertise of WRATT ...instilled immediate confidence ...provided many potential savings and benefits in resource conservation, economics, public relations ...promoting environmental ethics and stewardship."

Van Richey, CEO, American Cast Iron Pipe Company, Birmingham, AL

"Vulcraft is ...saving over \$550,000 per year by implementing WRATT recommendations."

Jim Campbell, Vice President, Vulcraft Corporation

"WRATT did ...a great job ...leading us in the right direction ...generating an estimated \$80,000 annual savings."

Charles G. Brown, III, President Tubular Products Co.

"...experience/expertise enabled fast, successful development of pollution prevention management program."

Bruce Vickers, Chief Environ. Flight Maxwell Air Force Base Gunter Annex

"The business and industry members of the Business Council of Alabama... fully endorse ... have encouraged our membership to participate."

Clark Richardson, President, Business Council of Alabama

"...a great resource as WEC conducts waste minimization projects throughout the world."

Anthony G. Marcil, President and CEO World Environment Center New York

"...caliber of industrial expertise... coupled with excellent corporate infrastructure... no wonder the Alabama WRATT Foundation is used as a model by other states."

Bernard P. Duperray, Program Engineer EPAISEE, Atlanta, GA

Organizations Assisted

WRATT has assisted more than 70 different types of organizations; examples include:

Agricultural Production & Service Industries
Auto Body Shops Automobile Dealers Bakeries
Bedding Manufacturing Companies Beverage Plants
Cabinet Shops Cardboard Box Manufacturers
Carpet Manufacturers Cement Companies
Chemical Manufacturing Companies City and County Government Facilities
Computer & Electronics Manufacturers Construction Companies
Dairies Dry Cleaning Establishments Electrical Equipment Manufacturers
Environmental Service Companies Fabricated Metal Companies
Financial Service Companies Food Processing Plants
Furniture Manufacturers Glass Companies Graphics Design Companies
Health Care Service Companies Hosiery Mills Hospitals
HVAC Manufacturers Iron & Steel Industries Machine Shops
Marine Service & Supply Companies Military Bases & Depots
Mobile Home Manufacturers Municipal Solid Waste Plants
Non-Ferrous Metal Producers Nurseries Painting Companies
Paper Manufacturing Companies Plastic Tile Manufacturers
Printing and Publishing Companies Public Utilities
Recycling Companies Rehabilitation Centers Retail Stores
Rubber Manufacturers Schools (pre-K to University level)
Scientific Research Institutions Sign Companies Social Services
Organizations Sportswear Manufacturers State Parks
Stone & Brick Product Manufacturers Textile Companies
Tire Manufacturers Water Treatment Plants Wire & Cable Manufacturers



WRATT
WASTE REDUCTION AND
TECHNOLOGY TRANSFER
FOUNDATION

Our Background

Preventing or reducing wastes or pollution in the first place is a much more effective approach than handling or treating them after they are generated! While most people agree with this concept, many small- to medium-sized organizations have neither the in-house expertise to put this policy into action, nor can they easily afford to pay consultants or engineering firms to provide the needed help.

In a 1989 meeting of the Southeast Pollution Prevention Roundtable, it was proposed that this problem might be cost-effectively addressed by using the experience and knowledge of retired scientists and engineers.

In September 1989, a group of 51 retired scientists and engineers, each with 30 to 40 years of industrial experience, was recruited in Alabama, and in the following year began to conduct on-site waste reduction and pollution prevention assessments for interested businesses and industries. Initially, this assessment effort was conducted as a 'public-private partnership' jointly co-sponsored by the Tennessee Valley Authority, the Alabama Department of Environmental Management, Alabama Power Company, Monsanto Corporation, and the Business Council of Alabama.

The retirees' work was so successful that in 1992, a study conducted by Auburn University recommended that the program be formalized and expanded in order to secure a more sustainable and permanent funding base. In 1993, the WRATT Foundation was formed as a 501(c)(3) corporation

WRATT's initial efforts focused closely on pollution prevention and waste reduction in business and industry. Since the early days however, energy conservation, and work with governmental and other institutional entities have become equally important components in the company's suite of services.

WRATT Mission

To promote sustainable economic development and a cleaner environment for all citizens by providing waste reduction, pollution prevention, energy conservation, and technology transfer assistance and education to businesses, industries, and public or private institutions.

Program Highlights

Since 1990, WRATT retired engineers and scientists have conducted assessments for over 1300 organizations, including more than 500 Alabama schools.

104 organizations responding to a follow-up survey report that WRATT recommendations have resulted in over \$10.6 million in annual savings.

Organizations assessed have saved an average of \$51 plus for every one dollar WRATT spent on the assessment.

Under contract with the Appalachian Regional Commission, WRATT operates the Northwest Alabama Regional Waste & Materials Exchange (WasteTrade), a free service for businesses, industries, and institutions.

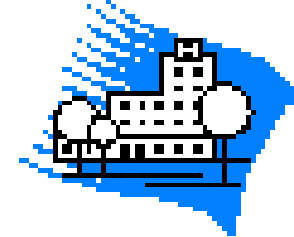
Since 2003, WRATT has conducted exhaust emissions testing on almost 1300 vehicles in Jefferson & Shelby counties as a member of the Alabama Partners for Clean Air.

In 2004, under a contract with the EPA, WRATT assisted Alabama schools in recycling more than 82,000 pounds of obsolete computers and electronic equipment.

WRATT has assisted the states of Iowa, New Hampshire, Vermont, and Minnesota and Michigan in establishing programs similar to the WRATT Foundation.



ON-SITE WASTE REDUCTION, POLLUTION PREVENTION, AND ENERGY CONSERVATION SERVICES



**Confidential
Free
Voluntary
Non-Regulatory**