Center for Environmental Technologies

Russell J. Price/University of Utah/Salt Lake City, Utah

Established in 1993 to support Utah's growing Environmental Technologies Industry through focused research and development in monitoring and sensing technologies, waste stream reduction, pollutant destruction and remediation, and through technology transfer and advanced technical training.

Overview

1994-95 State Contract	$100,000
Matching Funds	$633,486
Cumulative	$633,486
Center Related Jobs	8.5
Industry Jobs Created	6
Benefiting Utah Companies:	
1994 Spin-off companies	0
Cum. Spin-off companies	0
Patents Applied	0
Patents Issued	0
License Agreements	2

Technologies

- **Knowledge-based** Expert System for Waste-Fired Cement Kilns
- **Environmental Applications** of Time-of-Flight Mass Spectrometry
- **Environmental** Applications of the Air-Sparged Hydrocyclone (Radionuclide Separations, VOC stripping)
- **HydroPur** industrial wastewater recycling system

Status

- **Performance of ongoing work** is being completed with key Utah companies in conjunction with CET's focused research programs.
- **Materials and process testing** contracts completed or underway for two Utah-based entrepreneurs. A series of contracts have been performed for Utah sewer treatment systems, introducing new techniques in that industry.
- **Contract pending** CET expertise is being applied to environmental problems associated with defense activities in Utah. Contracts are pending with Tooele County Health Department, and with various contracting offices of the US army for assessments of demilitarization activities at Utah defense installations.

Economic Impact

- **Strategic partnerships** with 12 companies and installations have been formed by cooperative efforts.