Center for Chemical Technology

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Established as a center in 1990. In its first year as a center, 12 Utah firms received assistance in developing new products. Technologies include the extraction of natural products, separation chemistry and efficient recovery of asphalt and fuels from tar sands. A recent partnership with a Utah company has resulted in plans to use a center-developed recovery technology to produce 500 barrels/day of asphalt from Utah tar sands. This same technology promises new applications in the clean-up of soils contaminated with gasoline or other undesirable solvents.

Overview		Technologies	Status	Economic Impact
Current State Contract	$100,000	*Naturally occurring antibiotics	*New patent issued for tar sands extraction	*Company looking to move to Utah to take advantage of tar sands patent
Matching Funds	$355,567	*Bacteria anti-adherance factor	*New bacteria adherence inhibitor product introduced July 1990	*23 jobs created this year due to center technology
Cumulative	$443,754	*Low temperature tar-sand extraction methodology using biodegradable surfactant	*New environmentally safe solvent introduced	*Envirosolve product developed
Industry Jobs Created	139	*Partitions/separations technology		
Center Related Jobs	9	*Environmentally-safe solvents to replace CFC-based cleaners		
Benefiting Utah Companies	11	*Reverse osmosis system validation		
Patents Applied	2			
Patents Issued	1			
License Agreements	1			