



PRESS RELEASE

\$3M Round Enables Wilson TurboPower to Adapt Ultra-Efficient Ceramic Heat Exchanger to Demanding Applications for Leading Industrial Customers

Woburn, MA – October 5, 2007 – Having successfully achieved several technology milestones in heat-exchanger performance, Wilson TurboPower of Woburn, Massachusetts, has raised \$3 million from new and returning investors, and is raising an additional \$2 million at the same terms before the end of this year. The new funding will be used to build Beta units of the company's breakthrough-efficiency heat exchanger for testing with prospective customers in several unique applications. The results are expected to achieve significant energy savings along with a reduction in carbon and other harmful emissions.

Compared to conventional metal heat exchangers, the Wilson Heat Exchanger™ uses a more effective ceramic core driven by proprietary technology developed at the Massachusetts Institute of Technology by Professor Emeritus David Gordon Wilson, the company's cofounder and chief scientist. In addition to being up to 98% efficient and only a fraction the size, the Wilson Heat Exchanger can withstand considerably higher operating temperatures up to 1,400°C (2,500°F). This high-temperature capability can generate greater energy savings for industries now using conventional heat exchangers and is expected to enable several new heat-recovery processes.

According to Bruce Anderson, the company's cofounder and chief executive, "We now have the funding to test our ultra-efficient, heat-recovery technology in applications that are considered problematic for conventional gas-to-gas heat exchangers or were previously virtually impossible. The metals-processing industry is one example of our primary focus because they are under great pressure to reduce both energy bills and emissions."

"We are now about to test our ceramic heat exchanger with one of the world's largest aluminum manufacturers," Anderson further explained, "and the projections so far indicate that it will be cheaper, smaller, more durable, and more efficient than the metal exchangers now being used — and that adds up to a very quick payback." Durability is especially important in aluminum manufacturing where exhaust gases are highly corrosive and quickly damage metal exchangers.

The unique features of the ceramic Wilson Heat Exchanger are also being applied and tested by leading companies in other industries that now typically use metal heat exchangers in a conventional gas-to-

gas heat-transfer process. They include a supplier of industrial furnaces, a fuel-cell manufacturer, a maker of tire components, and a company that is engineering waste-heat recovery from biomass combustion. For some applications, energy savings are expected to approach 50%!

In addition to improving many industrial heat processes, the Wilson Heat Exchanger will also enable development of the ultra-efficient Wilson Microturbine™. Incorporating more breakthrough technology developed by Dr. Wilson at MIT, this unique multistage, ceramic-bladed, 300-kilowatt microturbine has been engineered to produce electricity at a remarkable efficiency that greatly exceeds all conventional turbines — including most turbines at utility power plants. The Wilson Microturbine is designed to provide economical power to commercial and industrial facilities while operating efficiently on natural gas, biofuels, biomass, waste gas, or other available combustible fuel.

“Completing development of the microturbine is a big project with a big payoff,” says Anderson. “Proving our claims for an ultra-efficient ceramic heat exchanger established our credibility, and now we are working to secure funding from industry to build and test a prototype of the ceramic turbine.”

Wilson TurboPower was founded in 2001 and previously raised \$3.4 million before the current rounds. The company employs twelve professionals experienced in engineering, marketing, and sales, supported by several distinguished advisors. Anderson added, “Right now we’re focused on taking our heat exchanger to industry as a game-changing technology. With these new rounds of funding, we expect to add key people who have the market knowledge to help us do so.”

Wilson TurboPower is privately owned by its founders and the Massachusetts Institute of Technology, plus an international group of investors and energy experts. For more information about Wilson’s advanced technologies and applications, please visit www.WilsonTurboPower.com.

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