



by Barbara Fox and Michele Alperin
U.S. 1 Newspaper. All rights reserved.

Incubator Seed Fund



*Gerry DeCuollo, CEO of
TreadStone Technologies
receives another grant.*

Earlier in the fiscal year, this fuel cell research firm won a \$50,000 NJCST Incubator Seed Fund grant for the Camden incubator. It also won "Best Clean Technology" at the New Jersey Technology Council venture fair (U.S. 1, July 3). Now, with the June round of funding, it won a second incubator seed fund grant, this one for \$46,000.

TreadStone aims to enter the "hydrogen revolution," the push for automakers to produce hydrogen-powered fuel cell cars to meet zero-emission vehicle requirements in New Jersey and 10 other states. It has a corrosion resistant metal plate technology, used in fuel cell stacks, which are a component of fuel cell power sources.

Fuel cells qualify as "clean energy" because they produce minimum amounts of greenhouse gases and they don't pollute. If fuel cells use pure hydrogen, only water and heat are the byproducts. They make electricity by combining oxygen with hydrogen (or hydrogen-rich fuel).

The Camden incubator is known by the acronym ACIN for applied communications and information networking, and it supports the U.S. military. Though CEO Gerald DeCuollo is renting office space in Camden, the incubator does not yet have wet lab capabilities, so he is also still leasing space at Sarnoff.

The NJCST monies don't pay the rent for either location. That comes from the \$400,000 in angel funding from Virginia-based Commerce International. TreadStone allocated January's seed-fund grant for the corrosion-resistant metal plate technology, a far-forward scheme. The June monies will develop hydrogen generation for current commercial applications.

But the two technologies are synergistic, he says. "One of the components for a hydrogen power source is the 'stack' where the chemistry takes place. Our metal plate technology is associated with the stack, and the hydrogen source is synergistic with the stack. It is capable of being used in the current marketplace for hydrogen generation technology for electronics, medical, and refinery purposes."

TreadStone Technologies Inc., 201 Washington Road, CN 5300, Princeton 08543-5300;
609-734-2368; fax, 609-734-2967. Gerald DeCuollo, CEO. www.treadstone-technologies.com.

<http://www.princetoninfo.com/200707/70704s02.html>