



CoEE INVESTOR SPOTLIGHT: TIMKEN

TIMKEN

Where You Turn



In 2003, Timken, which supplies friction management and power transmission solutions to the global automotive industry, chose to invest \$3 million in South Carolina's Centers of Economic Excellence (CoEE) Program. Timken partnered with the Center of Economic Excellence for Automotive Design and Development, at the Campbell Graduate Engineering Center on the Clemson University International Center for Automotive Research (CU-ICAR) campus.

To lead the CoEE for Automotive Design and Development, Timken's investment helped Clemson recruit Dr. John Ziegert, a leader in the field of automotive design and precision manufacturing. Dr. Ziegert is helping the automotive industry increase its competitiveness by developing friction management and power transmission solutions to improve vehicle reliability and performance.

Timken continued investing in South Carolina in 2006 when the company opened its 18,000-square-foot, \$10 million Timken Technology Center on the campus of CU-ICAR, where it employs more than 200 engineers and technicians.

Timken is a century-old company that has facilities on six continents and provides anti-friction bearings and alloy steel to manufacturers around the world, including 9 of the top 10 platforms in North America. Why did this leading global manufacturer invest millions in South Carolina research? Because an investment in the CoEE Program offers compelling benefits, including R&D savings, access to world-class researchers, and long-term workforce development advantages.

Below, Timken Integration Leader Goverdhan Lahoti explains why the company made a strategic decision to invest in the CoEE Program.

Why did Timken invest in the CoEE Program?

Lahoti: At Timken we are dedicated to serving our customers around the world by applying our knowledge of friction management and power transmission to deliver unparalleled value and innovation. That improves our customers' performance. We are also always looking for ways to speed innovation and bring new ideas to market. So it's only natural that we should be focused on aligning our automotive design centers with customer needs. That is the foundation for creating the Timken Technology Center on the CU-ICAR campus.

How is Timken benefiting from its investment in CoEE?

Lahoti: The Technology Center consolidates Timken's manufacturing process, product, and application engineering under one roof to make our knowledge base and skill set more easily accessible for our customers. It creates space where customers can come and work with us to find both evolutionary and revolutionary solutions.

The Technology Center at CU-ICAR is more than just a new building. It's a new way to improve our customers' performance with solutions in friction management.

Also, CU-ICAR is located near the center of our North American automotive manufacturing plants, which enables us to solve problems quicker and bring solutions to market. Honda, Nissan, Daimler-Chrysler, BMW, Ford, Toyota, and Michelin are all located within a day's driving distance from the CU-ICAR campus.

As part of our commitment to the CoEE Program, we endowed the Timken Chair in Automotive Design and Development. We were pleased when Clemson named Dr. John Ziegert as the Timken Chair

By bringing our own associates, our customers, and the academic community together in this creative environment, we believe that we have created a melting pot that will result in an internationally focused, high-performance culture, which ultimately enhances the value Timken brings.

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What does Timken see as the potential long-term advantages of being involved with the CoEE Program?

Lahoti: The vision for the CU-ICAR campus is to become the premier automotive and motorsports research and educational facility in the world, where industry and academia come together to

enhance development by sharing resources for research activities. Timken will be a part of that success, and we couldn't ask for more from our investment.



About the CoEE Program

Established by the S.C. General Assembly in 2002, the South Carolina Centers of Economic Excellence Program receives an appropriation from S.C. Education Lottery funds to help Clemson University, the Medical University of South Carolina, and the University of South Carolina create Centers of Economic Excellence (CoEE) in research areas that will advance South Carolina's economy and lead to high-paying jobs. The program also provides funding for CoEE endowed chairs, world-renowned scientists recruited to South Carolina to lead the Centers. Every dollar the state invests must be matched dollar-for-dollar with non-state funds from companies, philanthropies, or federal agencies.

For details on how your company can benefit by investing in the CoEE Program, please use the following contact information:

Clemson University

Dr. Chris Przirembel

Vice President for Research and Economic Development

864.656.7701 or cprzmb1@clemson.edu

University of South Carolina

Dr. Rosemarie Booze

Associate Vice President for Research

803.777.5458 or booze@mailbox.sc.edu

The Medical University of South Carolina

Dr. John Raymond

Vice President for Academic Affairs and Provost

843.792.3031 or raymondj@musc.edu

www.sccoee.org

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