

## Jobs and Investments for Hydrogen and Fuel Cells



### Hydrogen is proving to be a great investment for South Carolina.

Over the past few years, the state has

made significant advancements in growing our state's knowledge-based economy. South Carolina has become a national and international leader and that reputation is attracting companies looking to relocate or expand their services here.

### Leveraging Investments

The driving force in South Carolina is a public-private partnership. Through direct state appropriations and support of the Centers of Economic Excellence program, the Palmetto State has invested over \$12 million in hydrogen over the past five years. This has spurred well over \$115 million in non-state investments; a conservative estimate considering much of the private investment is deemed proprietary. That means South Carolina is leveraging its hydrogen investment dollars at a rate of at least 10 to 1.

### Creating Jobs

The public/private investment in hydrogen has created 229 jobs in South Carolina. With 65% of those jobs being created in the last five years, this is a bright spot in the state's current employment ratings.

### Ramping up Hydrogen Deployment

Bridgestone/Firestone Manufacturing in Aiken, SC has converted its entire fleet of forklifts to run on hydrogen

The City of Columbia is backing up its emergency broadcast towers with longer lasting fuel cells

### By the Numbers

**\$115,000,000** in non-state hydrogen investments

**\$12,292,911** in state hydrogen investments

**229** jobs in SC's hydrogen cluster as of 2009

**65%** job growth in SC's hydrogen cluster since 2004

**40** private companies in SC's hydrogen cluster

**12%** unemployment rate in SC as of 2009

**10 to 1** return for SC's hydrogen investment

As a result of South Carolina's growing hydrogen and fuel cell industry it has gained national recognition through events such as the 2009 National Hydrogen Association Conference.

For more information about the South Carolina Hydrogen and Fuel Cell Alliance, please contact us at 803-737-8031, or online at [www.schydrogen.org](http://www.schydrogen.org)