



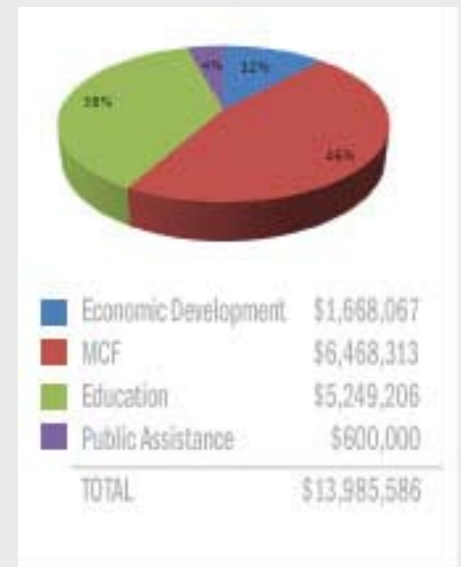
## Welcome

Welcome to the first issue of AdvanceSC's newsletter! AdvanceSC-sponsored organizations continue to make a huge impact across South Carolina communities, and the board of directors seeks to keep you informed of the great work being accomplished with these funds. We hope you will learn more about AdvanceSC through these updates and invite you to share your success stories with us for upcoming issues.

Please share this newsletter with others who may be interested in applying for AdvanceSC funding. We can all provide support for a brighter future.



**AdvanceSC's 2007 Awards  
Total Nearly \$14 Million**



**Anderson Engineering Students Lead the Way**

Since June 2006, AdvanceSC has awarded three grants totaling \$74,850 to the Project Lead the Way (PLTW) program at the Anderson 1 & 2 Career and Technology Center (CTC) in Anderson, S.C.

The CTC provides programs for local high school students to help them transition from high school to college or into employment. Students can receive high school elective credit and also credit at technical colleges for completion of the technical, business and computer programs offered by CTC.

The PLTW program is a national non-profit organization that helps schools prepare students for success in high-tech fields. The goal of PLTW is to increase the number and quality of engineers that graduate from the education system. The program gives students a chance to find out if they really want to become an engineer before they spend money on college courses.

The Anderson CTC uses the Pathway to Engineering™ curriculum to prepare students to become competent engineers in the future. In 2004, the CTC began preparing this coursework, and the program has grown tremendously. Just from 2006 to 2007, the CTC PLTW program grew from 110 students and two teachers to 180 students and three teachers.

Engineers are in high demand across the nation, and the grants awarded by AdvanceSC are helping to shape the engineers of the future.

"Thanks to the generous gifts of AdvanceSC, our students have an interactive classroom, including a classroom polling system and SMART technology," said CTC PLTW instructor Mandy Orzechowski. "The funds provided by AdvanceSC have directly impacted over 300 students from three high schools in the past two years."

The PLTW students at the CTC now have access to state-of-the-art equipment and can test their skills as they design,



### Manufacturing Competitiveness Fund Deadline is June 30th

To invest in your company with a grant from AdvanceSC, submit your request for MCF funds by June 30th. Proposed projects must meet each of the following grant eligibility requirements:

- Project must be installed in a South Carolina manufacturing facility within the Duke Energy Carolinas' retail service territory.
- Project must use energy-related applications to increase productivity, reliability, cost control, efficiency or to reduce the environmental impact of a manufacturing facility. Energy assessments by qualified parties to identify projects within these areas are also eligible.

manufacture and perform research. Students in the senior design class will actually get to create, research, design, build and test a new product. The new equipment funded by AdvanceSC will allow the students to manufacture real products, including a remote monitoring device for electrical fences and a bicycle training apparatus.

"Without AdvanceSC funds, the CTC would not have been able to provide our students with many of the advantages currently available to them," Orzechowski said.

 [AdvanceSC Website](#)