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CHARITABLE TRUSTS

# The Clean Energy Economy North Carolina

**North Carolina has a large and growing piece of America's clean energy economy.** On average, jobs in the state's clean energy economy grew twice as fast as total jobs between 1998 and 2007, with particularly strong growth in the category of Energy Efficiency. North Carolina's renewable portfolio standard allows investor-owned utilities to meet 25 percent of their renewable energy requirement through more efficient sources; in 2021, this share will increase to 40 percent.<sup>1</sup> The state also attracted more than \$82 million in venture capital in the past three years, half of which has been invested in the category of Clean Energy.

## BY THE NUMBERS, THE CLEAN ENERGY ECONOMY:

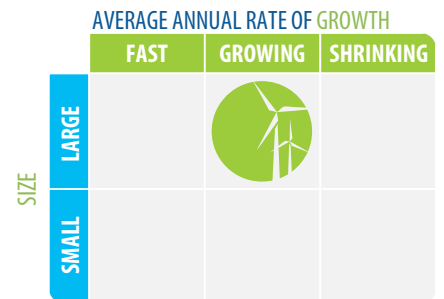
Jobs (2007): **16,997**

Businesses (2007): **1,783**

Venture Capital Funds (2006-2008)\*: **\$82,570,734**

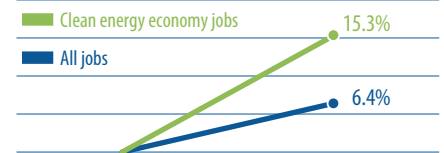
Patents (1999-2008): **179**

## STATUS OF CLEAN ENERGY ECONOMY



Average yearly rate of growth between 1998 and 2007

## 10-YEAR GROWTH



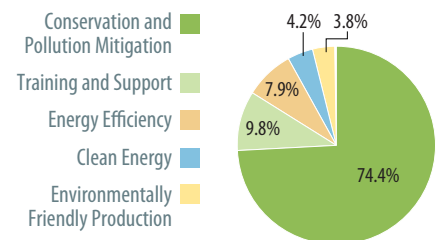
Relative rate of growth between 1998 and 2007

## EXAMPLES OF COMPANIES:\*\*

**Microcell**, *Raleigh* (Clean Energy): designs and manufactures fuel cells

**Sencera International**, *Charlotte* (Clean Energy): designs and produces solar energy technologies

## JOB CATEGORIES\*\*\*



Share of jobs in the clean energy economy by category

## MORE ABOUT THESE FACTSHEETS

Download the full report by visiting [www.pewtrusts.org/cleanenergyeconomy](http://www.pewtrusts.org/cleanenergyeconomy)

NOTES: \*Values reported in 2008 dollars. \*\*Information current as of May 8, 2009. This report is intended for educational and informational purposes. References to specific products, services, companies and policy makers have been included solely to advance these purposes and do not constitute an endorsement, sponsorship or recommendation by The Pew Charitable Trusts. \*\*\*These numbers may not add up to 100 percent due to rounding. \*\*\*\*Financial incentives include residential, commercial and industrial loan financing, rebate programs and tax incentives.

SOURCES: Jobs and establishment data from The Pew Charitable Trusts, 2009; based on the National Establishment Time Series Database; analysis by Pew Center on the States and Collaborative Economics. [1] U.S. Department of Energy, "North Carolina Sets a Requirement for 12.5% Renewable Power by 2021," August 29, 2007, [http://apps1.eere.energy.gov/states/state\\_news\\_detail.cfm/news\\_id=11233/state=NC](http://apps1.eere.energy.gov/states/state_news_detail.cfm/news_id=11233/state=NC) (accessed May 13, 2009).

## CLEAN ENERGY POLICIES

Financial Incentives****	•
Renewable Portfolio Standards	•
Energy Efficiency Resource Standards	•
Regional Cap and Trade Program	