

Supporting Sustainability with Green Growth Strategies

Sustainable Energy Conference
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NC Department of Commerce
April 19, 2010

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CAROLINA**

Supporting Sustainability with Green Growth Strategies

- The Green Economy in North Carolina
- Green Economy Support
- Evidence of an Existing Green Economy
- Green Energy Resources & Funding
- Green Economy Growth

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The Green Economy

The 'green economy' is widely understood to be a rapidly growing multi-billion-dollar sector that includes renewable energy sources, sustainable technologies and products, green buildings, alternative fuel vehicles, and much, much more.

This sector requires 'green talent'. Green job training is helping North Carolina develop globally competitive entrepreneurial and workforce skills which the state needs to grow, attract and retain talent.

The development of this emerging field requires continued proactive steps in public and private sector activities.



North Carolina's Green Economy

Support for a sustainable green economy, is necessary in the following areas:

Policy, Legislation and Regulation

Resources and Assets

Public and Private Sector Initiatives

Partnerships and Collaboration



Sustainability and Green Economy Policy

Innovative Policies play key roles in differentiating state and local economic development competitiveness.

The Department of Commerce provides staffing to the:

- Economic Development Board
- Energy Policy Council
- Innovations Council
- Board of Science and Technology

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Sustainability and Green Economy Legislation

Supportive Legislation is critical in helping the North Carolina grow a sustainable energy economy, create green jobs and increase the state's competitive edge in this growing sector.

For example:

The Energy Policy Council is considering legislative recommendations that will provide incentives and resources to support renewable energy manufacturing and continued renewable fuel facility construction.

The Economic Development Board is supporting continued funding for the Green Business Fund.

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Evidence of an Existing Green Economy

➤ More than 900 companies are currently participating in North Carolina's renewable energy supply chain.

➤ The Green Business Fund

✓ FY 2008 (\$1 million state appropriation) received 85 applications, requesting more than \$7 million in grant funding to support the expansion into green markets. Results: 13 grants, totaling \$950,000, were awarded.

✓ FY 2009 (\$1 million state appropriated) received 299 pre-proposals, requesting more than \$25 million. Results: 14 grants, totaling \$950,000.

✓ FY 2009 (\$10 million in ARRA funds received) Results: 16 ARRA-funded awards totaling \$1.3 million.

✓ FY 2010 (remaining \$8.3 million in ARRA funds) 580 pre-proposals requesting more than \$140 million. Status: Awards expected in July.

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Green Energy Resources in the Department of Commerce

The list of green resources continues to expand with programs and funding opportunities, like...

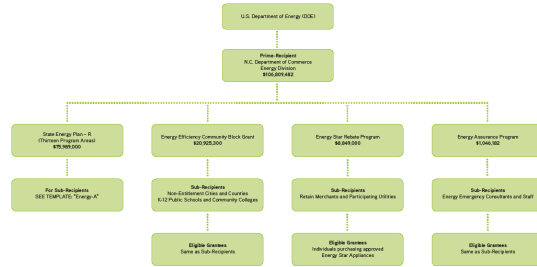
- The North Carolina Green Business Fund
- Energy Efficiency & Renewable Energy Grants, Rebates, Loans, etc.
- Weatherization Assistance Program
- Appalachian Regional Commission (ARC)
- NC Division of Workforce Development – Green Job Training



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Commerce ARRA 'Green' Energy Funding

North Carolina Department of Commerce
ARRA for Energy
www.energy.nc.net

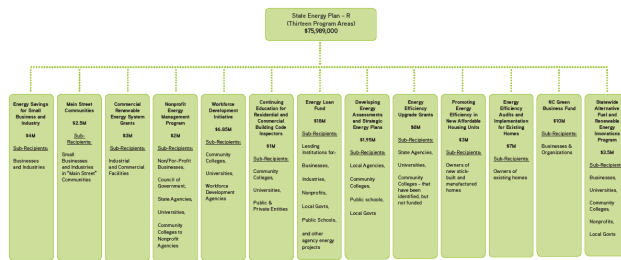


Current as of November 2, 2009

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Commerce ARRA State Energy Plan Funding

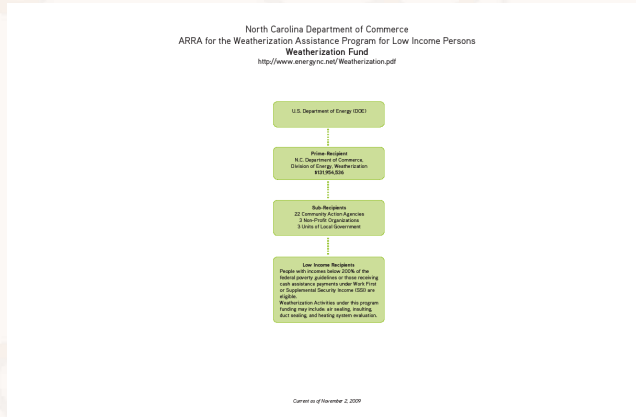
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North Carolina State Energy Office
State Energy Plan - R
www.energy.nc.net



Current as of November 2, 2009

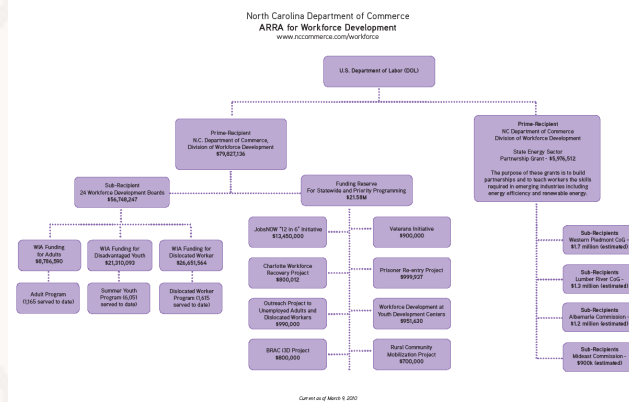
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Commerce ARRA Weatherization Assistance Program



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Commerce ARRA Green Workforce Training



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Potential for continued growth...

Businesses, large and small remain competitive by staying ahead of the rest of the world. And the world is recognizing that energy and environmental concerns need to be incorporated into their everyday business practices.

R & D is critical, as the global demand increases for greater energy conservation and alternative energy sources. Greater investments are being made in research and development and new technologies.

Community Development must include sustainability practices and welcome a green economy. The economic development environment is changing and in order for communities to be competitive in attracting businesses, they too must become a sustainable mecca for economic development.

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