

Project Title: North Carolina Consolidated Technical Assistance Program - RECOMMEND

Applicant: North Carolina Department of Commerce

Counties: All 29 North Carolina ARC Counties:
Alexander, Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Davie, Forsyth, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Stokes, Surry, Swain, Transylvania, Watauga, Wilkes, Yadkin, and Yancey

Project Budget:

<u>Source</u>	<u>Amount</u>
ARC	\$ 490,390
Council of Governments	\$ 235,000 Approved
NC Department of Commerce (in-kind)	<u>\$ 321,321</u> Approved
Total Project Cost:	\$1,046,711

ARC Goal: To Develop and Improve Appalachia’s Infrastructure to Make the Region More Economically Competitive.

ARC Strategic Objective: Foster civic entrepreneurship

State Strategies: Assist Appalachian communities in securing the tools they need to strategically chart their future infrastructure needs, assist communities in implementing strategic planning efforts and encourage development and implementation of integrated planning efforts needed to secure additional investments in Appalachian communities.

Description:

This grant provides North Carolina’s ARC administrative assistance and offers capacity building technical assistance to local governments in the region. The majority of the funding (70%) is used to support technical assistance activities provided by the six council of governments’ in Western North Carolina along with the Division of Community Assistance’s Planning Offices located in Asheville and Winston-Salem and the North Carolina Main Street and Small Town Main Street Programs. Funding is also provided to the Western North Carolina Housing Partnership. Since the Partnership’s inception in 1988, over 600 units of affordable housing have been introduced into the region for families, older adults and special needs populations. The technical assistance program also provides funding support to the Department of Commerce’s 21st Century Communities Program. This program assists designated communities in Western North Carolina through focused community capacity building development activities.

Outputs:

- Development of 40 new units of housing

Outcomes:

- 29 counties will receive technical assistance and grant administration support on housing, water and technology projects.

Project Title: Clay County/Towns County Water Interconnect - RECOMMEND

Applicant: Clay County

County: Clay (21st Century Community)

Community Background:

Commerce Tier: 1
Drought Classification: Moderate Drought
ARC Designation: Transitional
Ability to Pay Score: 5.64
Population: 10,527
Median Family Income: \$38,777
Current Unemployment Rate: 12.6%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 300,000	
NC Rural Center	\$ 500,000	Approved
Local Funds	<u>\$ 585,800</u>	Pending
Total Project Cost:	\$1,385,800	

ARC Goal: Develop and Improve Infrastructure to Make the Region More Economically Competitive

ARC Strategic Objective: Build and enhance basic infrastructure

State Strategy: Assist communities in water and sewer improvements that will create and/or retain jobs

Description: Clay County will construct a water interconnection with Towns County, Georgia. This water interconnection will provide a supplemental source of water to Clay County and create an intrastate water system. The interconnection will also provide service to the Towns-Clay Regional Industrial Park. The state of Georgia's ARC program has contributed \$300,000 to this project in Georgia. This project while retaining jobs and increasing the economic development potential of the Industrial Park will also connect households to a supplemental water source that has become increasingly necessary due to the continuing drought.

** Clay County has applied for funding from the North Carolina Drinking Water State Revolving Fund through the American Recovery and Reinvestment Act of 2009. A funding decision will be made by the end of April 2009.**

Outputs:

- Regional water system

Outcomes:

- Fifteen businesses and 10 households will be connected to a supplemental reliable water source

Project Title: Regal Road and Pleasant Valley Sewer System Improvement Project- RECOMMEND

Applicant: Cherokee County

County: Cherokee (21st Century Community)

Community Background:

Commerce Tier: 2
ARC Designation: At-Risk
Ability to Pay Score: 4.34
Population: 27,852
Median Family Income: \$33,952
Current Unemployment Rate: 17%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 300,000	
USDA –RD	\$ 75,000	Pending
NC Rural Center	\$ 500,000	Approved
Local Funds	<u>\$ 194,987</u>	Approved
Total Project Cost:	\$1,069,987	

ARC Goal: Develop and Improve Infrastructure to Make the Region More Economically Competitive

ARC Strategic Objective: Build and enhance basic infrastructure

State Strategies: Assist communities in water and sewer improvements that will alleviate health or environmental hazards (emphasizing those involving moratoria or special orders by consent), especially where these hazards constitute a barrier to continued economic development and assist communities in water and sewer improvements that will create and/or retain jobs

Description: The County will provide wastewater treatment disposal services to a community prone to septic system failures. It is suspected that failing septic systems in the area are significantly contributing to high fecal coliform counts in area streams. The systems are in close proximity to drinking water sources, thus posing a serious threat to public health and sanitation. This project will allow 40 residences and six businesses to be connected to a public wastewater system.

Outputs:

- Expanded wastewater treatment services

Outcomes:

- 40 residences and 6 businesses will have access to sanitary wastewater services

Project Title: Fontana Village Wastewater Treatment Plant Replacement - RECOMMEND

Applicant: Graham County

County: Graham (21st Century Community)

Community Background:

Commerce Tier: 1
ARC Designation: At-Risk
Ability to Pay Score: 5.57
Population: 8,264
Median Family Income: \$40,198
Current Unemployment Rate: 17.9%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 300,000	
NC Rural Center	\$ 500,000	Approved
Local Funds	<u>\$ 915,974</u>	Approved
Total Project Cost:	\$1,715,974	

ARC Goal: Develop and Improve Infrastructure to Make the Region More Economically Competitive

ARC Strategic Objective: Build and enhance basic infrastructure

State Strategies: Assist communities in water and sewer improvements that will alleviate health or environmental hazards and assist communities in improvements that will retain and/or create jobs

Description: This project will construct a new water treatment facility to serve the Fontana Village community in Graham County. Fontana Village is the fifth largest employer in Graham County, employing 35 full time employees and 150 seasonal employees. Along, with the resort, a US Post Office, service station, several retail shops, the Fontana Dam's office and maintenance buildings are also connected to the water system in the village, employing 17 full time employees. The current water treatment facility is 65 years old and is failing. The community has been under a "Boil Water Advisory" since July of 2008. The construction of a new treatment facility will allow the advisory to be lifted and provide the businesses a reliable and safe water source.

** Graham County has applied for funding from the North Carolina Drinking Water State Revolving Fund through the American Recovery and Reinvestment Act of 2009. A funding decision will be made by the end of April 2009.**

Outputs:

- New water treatment facility

Outcomes:

- Retention of 52 full time and 150 part time jobs
- Better water quality
- Dependable water source

Project Title: Rosman Wastewater System Improvements - RECOMMEND

Applicant: Town of Rosman

County: Transylvania County

Community Background:

Commerce Tier:	2
ARC Designation:	Transitional
Ability to Pay Score:	1.63
Population:	563
Median Family Income:	\$ 24,219
Current County Unemployment Rate:	10.3%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 300,000	
Community Development Block Grant	\$ 675,000	Application to be developed
NC Rural Center	<u>\$ 500,000</u>	Pending
Total Project Cost:	\$1,475,000	

ARC Goal: Develop and Improve Infrastructure to Make the Region More Economically Competitive

ARC Strategic Objective: Build and enhance basic infrastructure

State Strategy: Assist communities in water and sewer improvements that will alleviate health or environmental hazards

Description: This project will complete the final phase of a wastewater infrastructure rehabilitation project and replace the oldest pump station in the Town of Rosman and extend service to three unsewered areas. This project was started in 2005, however it could not be completed due to the lack of funding. The Town has been under Notices of Violation from the North Carolina Department of Environment and Natural Resources since 1996. The Notices have been in effect due to wastewater inflow and infiltration issues. This project will eliminate these issues and the use of approximately 25 failing septic systems and connect 54 homes and businesses to the new treatment facility. The project would also provide service to Rosman Elementary School, which serves 394 students.

Outputs:

- Reduced infiltration and inflow issues

Outcomes:

- 563 residents will be served by a stable wastewater treatment facility
- 25 failing septic systems will be eliminated

Project Title: Mars Hill Water System Main Transmission Line- RECOMMEND

Applicant: Town of Mars Hill

County: Madison

Community Background:

Commerce Tier: 1
Drought Classification: Moderate Drought
ARC Designation: Transitional
Ability to Pay Score: 3.31
Population: 1,769
Median Family Income: \$45,000
Current County Unemployment Rate: 10.4%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 300,000	
USDA-RD Loan	\$ 200,000	Pending
NC Rural Center	<u>\$ 500,000</u>	Pending
Total Project Cost:	\$1,000,000	

ARC Goal: Develop and Improve Infrastructure to Make the Region More Economically Competitive

ARC Strategic Objective: Build and enhance basic infrastructure

State Strategy: Assist communities in water and sewer improvements that will alleviate health or environmental hazards

Description: This project is the second phase of a larger water project that was started in 2008. This phase will allow the Town to continue to stabilize and enhance their water system by replacing a 5.5 mile transmission line. ARC funded the first phase of this project with a \$300,000 grant to construct a water interconnect with the City of Weaverville. The second phase of the project has become increasingly essential as a result of a water audit conducted by the North Carolina Department of Environment and Natural Resources, which indicated that the Town is losing 38% of its water. The second phase of this project would complete the creation of a regional system that efficiently utilizes and manages potable water usage from both the Laurel Fork and Ivy watersheds. This interconnection is critical for the Town to address current growth needs and to respond to issues related to the current drought.

** The Town of Mars Hill has applied for funding from the North Carolina Drinking Water State Revolving Fund through the American Recovery and Reinvestment Act of 2009. A funding decision will be made by the end of April 2009.**

Outputs:

- Regional water system
- 1,769 residents with access to a reliable supply of water

Outcomes:

- Reduction in the number of system interruptions due to system maintenance
- Better water quality
- Dependable water source

Project Title: Wilkes County Airpark Water and Sewer Infrastructure Project- RECOMMEND

Applicant: Wilkes County

County: Wilkes

Community Background:

Commerce Tier: 1
Drought Classification: Abnormally Dry
ARC Designation: Transitional
Ability to Pay Score: 16.33
Population: 68,020
Median Family Income: \$49,591
Current Unemployment Rate: 13.2%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 300,000	
NC Industrial Development Fund	\$ 220,000	Pending
Golden LEAF	\$ 220,000	Pending
U.S. EDA	\$ 600,000	Pending
Local Funds	<u>\$ 5,500</u>	Pending
Total Project Cost:	\$1,345,500	

ARC Goal: Develop and Improve Infrastructure to Make the Region More Economically Competitive

ARC Strategic Objective: Build and enhance basic infrastructure

State Strategy: Assist communities in improvements that will retain and/or create jobs

Description: ARC funding will be used to install a water line from Liberty Church Road along Airport Road to the west side of the airport. The waterline will have to be bored under the runway to the east side of the airport. A 250,000 gallon water tank will be built on the airport property. Funding will also be used to install a new wastewater pump station. Two current tenants at the Wilkes County Airport, MXR Aircraft and Dove Air will be able to expand their operations due to these infrastructure improvements, creating 80 new jobs.

Outputs:

- Expanded water and sewer infrastructure system serving the airport industrial park

Outcomes:

- Creation of 80 new jobs and the retention of 25 jobs
- Provide adequate fire flow protection to Industrial Park and County Airport

Project Title: Oakwood Drive Water Line Extension Project - RECOMMEND

Applicant: Town of West Jefferson

County: Ashe County

Community Background:

Commerce Tier:	2
Drought Classification:	Abnormally Dry
ARC Designation:	Transitional
Ability to Pay Score:	6.03
Population:	1,123
Median Family Income:	\$35,000
Current Unemployment Rate:	14.8%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$146,667	
NC Rural Center	\$293,333	Pending
Total Project Cost:	\$440,000	

ARC Goal: Develop and Improve Infrastructure to Make the Region More Economically Competitive

ARC Strategic Objective: Build and enhance basic infrastructure

State Strategy: Assist communities in improvements that will retain and/or create jobs

Description: Funding will be used to install a water line along Oakwood Drive connecting into the Town's existing water distribution system. In 2004, the Town was awarded a \$200,000 ARC grant to construct a new well, a sanitary sewer line and a water storage tank on Oakwood Drive, directly adjacent to The Villages of Ashe, an assisted living center, which was under construction at the time. These infrastructure facilities, which are not currently connected to the Town's water distribution system, were constructed to primarily serve The Villages of Ashe. However, as part of The Villages of Ashe project, the Town also planned to install a water line leading to the new well and water storage tank however, due to a lack of funding these project components were not completed in 2004. The Town's current funding request is critical to providing fire flow protection and a reliable potable water source to the businesses and residents in this community. This project will result in the retention of 200 jobs.

Outputs:

- Completion of an interconnected water distribution system

Outcomes:

- Retention of 200 jobs
- Provide adequate fire flow protection
- Dependable water source

Project Title: Wilkes Industrial Park Access Road Project - RECOMMEND

Applicant: Town of North Wilkesboro

County: Wilkes County

Community Background:

Commerce Tier: 1
ARC Designation: Transitional
Ability to Pay Score: 4.10
Population: 4,137
Median Family Income: \$29,844
Current Unemployment Rate: 13.2%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 765,212	
Community Development Block Grant	\$ 144,000	Pending
Local Funds	\$ 47,303	Pending
Total Project Cost:	\$ 956,515	

ARC Goal: Build the Appalachian Development Highway System to Reduce Appalachia’s Isolation

ARC Strategic Objective: Foster civic entrepreneurship:

State Strategies: Ensure Appalachian communities will have the tools they need to strategically chart their future and ensure Appalachian communities will have the tools they need to strategically chart their future.

Description: ARC funds will be used to complete the roadwork at the Wilkes Industrial Park. The Town of North Wilkesboro and Wilkes County Government have developed a partnership which has resulted in the creation of the 552-acre Wilkes Industrial Park (WIP) - currently North Carolina’s second-largest Certified Industrial Park. Powersport GrafX, a commercial graphic design company servicing the off-road motorcycle market, is expanding its product line and moving into additional motorcycle-related market segments. The company’s existing location in North Wilkesboro is insufficiently sized to accommodate the company’s rapid growth and expanded staffing requirements. In order to address their expansion needs, Powersport GrafX is planning to relocate to the WIP. However, the WIP does not have an access road which would facilitate the entry and exit of Powersports’ shipping, employee, or customer vehicles. Nor does the WIP have an access road which would allow the Town to provide police and fire services to park tenants. By opening up access to one of the Town’s few flat, developable land parcels, the proposed project will enable Powersport GrafX to address their critical workspace needs and allow the company to hire an additional 12 employees.

Outputs:

- Completion of an industrial access road

Outcomes:

- Creation of 12 jobs
- Retention of 12 jobs

Project Title: Western North Carolina College Access and Success Project - RECOMMEND

Applicant: Appalachian State University, University of North Carolina at Asheville and Western Carolina University

Counties: All 29 North Carolina ARC Counties:
Alexander, Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Davie, Forsyth, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Stokes, Surry, Swain, Transylvania, Watauga, Wilkes, Yadkin, and Yancey

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 200,008	
Appalachian State University	<u>\$ 243,590</u>	Pending
Total Project Cost:	\$ 443,598	

ARC Goal: Strengthen Capacity of People of Appalachia to Compete in the Global Economy

ARC Strategic Objective: Increase educational attainment and achievement

State Strategies: Assist communities in achieving high education standards and eliciting parent and community involvement and assist communities in activities promoting high education standards that will aid in retaining students through graduation, in increasing post-secondary standard educational attainment, and/or involving citizens in their education systems

Description: This project has received \$446,931 in NC ARC funding support since 2006. Continuation funds will solidify the existence of the Western North Carolina College Access and Success Network. This network is a unique collaboration between Appalachian State University, the University of North Carolina at Asheville and Western Carolina University. The Network will assist communities in the region with college and career exploration including work with the students to de-mystify college and encourage the pursuit of continued education. The project will award \$5,000 mini-grants to 8 high schools in the region for college access programming provided by both university partners and local community colleges. Technical assistance workshops will be held to assist schools in establishing a work plan reflecting college access, career development, outreach, and retention/transfer strategic goals. The project will continue to provide direct services and support to over 2,000 Appalachian high school students and teachers as these individuals seek to improve economic achievement through educational attainment. This project is a unique university level partnership and shows great promise as a model for other campuses throughout the state in addressing educational attainment goals, particularly as they relate to rural and otherwise underserved areas. With earlier funding, campuses adopted Retention Plans that were approved by the UNC General Administration assessing the needs and resources related to college preparation and success on their campus. High school graduation rates and post-secondary enrollment rates have risen significantly in high schools receiving mini-grants from the Network.

Outputs:

- 2000 students will receive career development, college awareness and/or academic readiness services

Outcomes:

- 80% of graduating seniors in target high schools will apply and be accepted to post-secondary education institutions
- Freshman to sophomore year college retention among students from ARC counties at Appalachian State University, UNC-Asheville, and Western Carolina University will increase by at least 1% annually
- 80% of annual adjusted teacher recruitment targets established by UNC General Administration will be met by each of the Network campuses.

Project Title: Allied Health Services Training Equipment Project - RECOMMEND

Applicant: Mayland Community College

Counties: Avery, Mitchell and Yancey

Community Background:

ARC Designation: At – Risk and Transitional
Population: 52,171
Median Family Income: \$36,566
Current Average Unemployment Rate: 13.4%

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 58,248	
Kate B. Reynolds Foundation	<u>\$ 24,964</u>	Pending
Total Project Cost:	\$ 83,212	

ARC Goal: Strengthen Capacity of People of Appalachia to Compete in the Global Economy

ARC Strategic Objective: Enhance workforce skills through training

State Strategy: Upgrade the region's workforce through the focused training and lifelong learning so education and training programs will prepare Appalachia's residents for future employment—not just jobs that are currently available

Description: This project will assist Mayland Community College in responding to the current growth in the allied health employment sector. The College is expanding its allied health sciences program and constructing a new allied health services building. ARC funding is being requested to complete the equipping of the new educational facility. The new building will house classrooms and state-of-the-art medical simulation labs. The equipment will be used to train students in the allied healthcare professions. This project doubles the number of students who are enrolled in allied health education courses from 90 to 180. Currently, in the project service area there are four new healthcare facilities under construction. These new facilities will be hiring 85 new employees during the next few years. This project will help to ensure that there is a highly trained workforce available in the region.

Outputs:

- Purchase of essential training equipment

Outcomes:

- Increased enrollment in allied health sciences programs
- Highly educated workforce

Project Title: Western North Carolina Livestock Market - RECOMMEND

Applicant: WNC Communities Incorporated

Counties: Avery, Buncombe, Burke, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, and Yancey

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 200,000	
North Carolina Agriculture Development Trust Fund	\$ 50,000	Pending
Local Governments	\$ 15,000	Pending
Private Farmer Investment	\$ 10,000	Pending
Golden LEAF & North Carolina Tobacco Trust Fund	<u>\$ 225,000</u>	Pending
Total Project Cost:	\$ 500,000	

ARC Goal: Strengthen Capacity of People of Appalachia to Compete in the Global Economy

ARC Strategic Objective: Foster civic entrepreneurship

State Strategies: Assist multijurisdictional efforts that will provide more effective delivery of programs and/or services, especially in projects combining public with private and/or non-profit sectors

Description: Raising livestock has the potential to replace the loss of tobacco income on family farms. In order for this to occur in Western North Carolina the livestock producers need a reliable sales/auction facility. Currently, farmers must truck their livestock to sales locations outside of North Carolina. This usually requires them to take their trucks and trailers through the narrow Pigeon River gorge on I-40, resulting in significant increases in time, labor costs, safety concerns, transportation costs, and air pollution. Many family farmers are leaving or on the verge of leaving the business altogether. WNC Communities will equip and furnish a new, modern, and adequately sized WNC Regional Livestock Center to serve the auction/sales, training, and other needs of over 3,000 livestock producers and other family farmers and farm-related interests in 18 (Avery, Buncombe, Burke, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Swain, Transylvania, and Yancey) counties region. If funded, the new market will be open for business by October 1, 2009.

Outputs:

- A modern livestock market

Outcomes:

- Over \$300,000 in leverage funding from non-federal sources
- Sale of over 25,000 head of livestock annually
- Training workshops provided to 3,000 producers
- Creation of four full time and 8 part time jobs, as well as 500 on the farm part time jobs

Project Title: MARC Quality and Business Development System Project - RECOMMEND

Applicant: Marketing Association for Rehabilitation Centers (MARC)

Counties: Ashe, Caldwell, Cherokee, Clay, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Swain, Transylvania, Watauga, and Yancey

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 200,000	
MARC	\$ 173,000	Approved
Z. Smith Reynolds	<u>\$ 75,000</u>	Approved
Total Project Cost:	\$ 448,000	

ARC Goal: Increase Job Opportunities and Per Capita Income in Appalachia to Reach Parity with the Nation

ARC Strategic Objective: Diversify the economic base

State Strategies: Focus attention on building industries to create markets, identifying and aiding supplier chains, supporting base industries, and increasing and making more effective use of electronic commerce to enhance continued growth in targeted sectors and encourage public-private sector partnerships and regional approaches to economic development, marketing, regional competitiveness, and business assistance

Description: MARC's Quality and Business Development System project will create and retain 125 jobs, primarily for people with disabilities. This project will create both a manufacturing quality system platform and an enhanced business development program for the 10 MARC member companies in Western North Carolina. MARC is a non-profit, social enterprise providing vocational training and employment to adults with disabilities. MARC received a 2007 ARC grant for \$200,000 to assist member companies in implementing quality systems, purchasing manufacturing equipment and building renovations so that all member organizations could comply with the FDA's Quality Systems Requirement and would have manufacturing capacity to produce custom medical drapes and other products. The original project proposed to create 250 jobs, however the project created 350 jobs. The new project request will allow the member organizations to develop and implement a system for attracting, identifying, filtering and partnering with entrepreneurial commercial partners to create and launch new products.

Outputs:

- Revenue dollars generated

Outcomes:

- Create and/or retain 125 jobs
- Sales of over \$2.5 million over a two year period

Project Title: Tablet PCs and Training for the Carolina Mammography Register Project - RECOMMEND

Applicant: Angel Medical Center Inc.

Counties: Clay, Cherokee, Graham, Jackson, Macon and Swain

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 10,050	
Angel Medical Center, Inc.	<u>\$ 6,700</u>	Approved
Total Project Cost:	\$16,750	

ARC Goal: Strengthen the Capacity of the People of Appalachia to Compete in the Global Economy

ARC Strategic Objective: Promote health through wellness and prevention

State Strategies: Promote the testing of new concepts and the replication of models that increase access to wellness and preventative health care.

Description: The Angel Medical Center is using the Carolina Mammography Registry to track mammography data required for annual inspections by the state of North Carolina and the FDA. Initially funded in 1994, by the Department of Defense, the Carolina Mammography Registry is a population based mammography and cancer surveillance project. Data collected includes patient demographics, health history, mammography screening and pathology results. The Carolina Mammography Registry has approached Angel Medical Center with an opportunity to digitize the paper forms that mammography techs now use to review the patient's history and to record the mammography findings as reported by the radiologist. The tablet PCs will be used by the Center's Radiology Department to gather information directly from patients prior to their mammography screening. The information gathered by the Carolina Mammography Registry from various health care providers helps scientists spot trends related to breast cancer and to serve as a resource for researchers who are interested in studying the outcomes of community-based mammography screening in North Carolina. With the installation of the Hologic digital mammography system, Angel Medical Center has seen a dramatic increase in the numbers of women who are requesting the digital mammograms because of the clarity of images and the reduced radiation exposure. These additional patients using the facility for screening mammograms help to provide more data to the Carolina Mammography Registry.

Outputs:

- Reduction in patient data errors

Outcomes:

- 6,000 woman will receive access to high quality breast cancer screening
- Higher quality data cataloged by the Carolina Mammography Registry

Project Title: Advantage Green Initiative: The Green Economy Asset Mapping Project - RECOMMEND

Applicant: Western North Carolina Regional Economic Development Commission (Advantage West)

Counties: All 29 North Carolina ARC Counties:
Alexander, Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Davie, Forsyth, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Stokes, Surry, Swain, Transylvania, Watauga, Wilkes, Yadkin, and Yancey

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$ 200,000**	
Local Partners	\$ 98,500	Pending
NC Rural Center	\$ 134,500	Pending
Total Project Cost:	\$ 433,000	

****Recommend funding at \$100,000 and if additional funding becomes available due to other projects being funded by the American Recovery and Reinvestment Act of 2009, project would be allocated an additional \$100,000. ARC is working with the applicant to secure additional funding support.****

ARC Goal: Strengthen Capacity of People of Appalachia to Compete in the Global Economy

ARC Strategic Objective: Foster civic entrepreneurship

State Strategies: Ensure Appalachian communities will have the tools they need to strategically chart their future.

Description: The Green Economy Asset Mapping Project is intended to yield crucial tools for developing the region's Green Economy, leverage knowledge of regional assets and link identified networks into actionable regional initiatives and strategies. The global economic and climate crises provide potential economic opportunity for WNC, a region with green economy assets and abundant natural resources. The critical first step is for the region to identify, map and network its green economy assets- the people, institutions, capital, infrastructure and natural resources. The region also requires an assessment of the current and future workforce development needs. Comprehensive information about the region's green economy is not available despite the regional demand from many stakeholders.

Outputs:

- Comprehensive Green Economy Workforce Assessment
- WNC Green Economy Database

Outcomes:

- 5 asset mapping training sessions for a minimum total of 270 citizens
- 25 students internships
- Develop the NC Green Economy Enterprise Network

Project Title: Building the Western North Carolina Alternative Energy Economy - RECOMMEND

Applicant: Natural Capital Investment Fund, Inc. (NCIF)

Counties: All 29 North Carolina ARC Counties:
Alexander, Alleghany, Ashe, Avery, Buncombe, Burke, Caldwell, Cherokee, Clay, Davie, Forsyth, Graham, Haywood, Henderson, Jackson, Macon, Madison, McDowell, Mitchell, Polk, Rutherford, Stokes, Surry, Swain, Transylvania, Watauga, Wilkes, Yadkin, and Yancey

Project Budget:

<u>Source</u>	<u>Amount</u>	
ARC	\$200,000**	
Federal ARC	\$200,000	Pending
Foundations & Banks	\$447,509	Pending
Total Project Cost:	\$847,509	

****Recommend funding at \$147,000 and if additional funding becomes available due to other projects being funding by the American Recovery and Reinvestment Act of 2009, project would be allocated an additional \$100,000. ARC is working with the applicant to secure additional funding support.****

ARC Goal: Increase Job Opportunities and Per Capita Income in Appalachia to Reach Parity with the Nation

ARC Strategic Objective: Enhance entrepreneurial activity in the region

State Strategies: Create an economic climate that is conducive to the birth, attraction, and retention of innovative, entrepreneurial firms that create new products and expand into new markets and aid Appalachian communities in supporting the generation of new enterprises and nurturing their early development

Description: This project funding request builds on NCIF’s successful track record of investing in Western North Carolina (WNC) alternative energy businesses since 2008. The Fund’s ability to “buy down” risk enables traditional lenders to participate in deals that would otherwise be too risky. NCIF has seen this strategy work well in WNC; with capital from the NC ARC program (\$200,000) and the ARC Federal Co-chair’s Office (\$250,000) and matching funds, NCIF in 2008 invested \$450,000 in two alternative energy enterprises – a start-up wood pellet manufacturer in Macon County and a solar installer in Black Mountain. These investments leveraged over \$2,605,000 in additional debt and equity financing and will create 44 new jobs over the next 3 years. These job creation and leverage results are consistent with NCIF’s experience across our four-state geography; since 2002 we have invested \$3,524,053 million in 27 companies, leveraging over \$5.00 for every \$1.00 of NCIF’s investment and creating or retaining 300 jobs. This request will allow NCIF to continue to invest in energy related companies in Western NC.

Outputs:

- Provide funding support for start-up energy related businesses

Outcomes:

- 2-3 equity investments (average size - \$200,000) and 3-4 subordinated debt transactions (average size \$50,000) in ARC region alternative energy and energy efficiency companies with job creation and growth potential.
- Leverage of an additional \$3 to \$5 million in capital investments.
- 100 jobs created or retained