

(Note: This is a DRAFT list of all current recommendations. Please keep in mind that this is a working document and staff are actively filling in blank cells and modifying existing ones. We greatly appreciate any feedback you have.)

Energy Innovation Draft Implementation Strategies					
ENERGY PRODUCTION					
Strategy Number	Implementation Strategies	Scale	Potential Partners	Timeframe	Funding Source
45	Study the benefits, feasibility and environmental impacts of small and large scale wind power	Regional		Long	
46	Adopt ordinances that allows and encourages the use of small scale on-site alternative energy production (i.e. solar and wind)	Regional		Mid	
60	Promote rural-scale renewable energy and energy efficiency, such as regionally grown and processed biofuels and green building components	Regional	LOSRC; WNC AgriVentures	Short	REAP; Golden Leaf Foundation
47	Review zoning and development codes and General Plan policies to remove barriers and streamline permitting for commercial and community renewable energy projects, while ensuring protections, such as compatibility with surroundings	Local	LOSRC, Local Governments	Short	N/A
59	Establish an economic development and recruiting policy focused on local energy resources, local companies, entrepreneurship, diverse sources of energy production, and engaging the public	Regional	LOSRC	Mid	N/A
48	Provide density bonuses for affordable housing projects in which 33% or more of the total project units are powered by on-site renewable energy systems.	Local	Local Governments	Short	NC Small Cities CDBG Program; Z. Smith Reynolds Foundation
ENERGY CONSERVATION					
	Implementation Strategies	Scale	Potential Partners	Timeframe	Funding Source
49	Develop policies to require installation of on-site, locally sourced renewable energy systems for local government facilities and schools to provide education opportunities and raise public awareness	Regional	Local Governments	Short	Tax-exempt lease-purchase agreements; Z. Smith Reynolds Foundation
50	Conduct an energy efficiency study of City- and County-owned facilities and transportation fleets; expand to a complete energy baseline analysis for the region, inclusive of industrial, commercial, and residential sectors	Regional	Local Governments; LOSRC	Mid	Local Governments; LOSRC; Progress Energy's Energy Efficiency for Business Program
51	Develop policies requiring that all new city- and county-owned buildings be designed, contracted, and built to meet LEED or comparable certification standards	Regional	Local Governments	Mid	NC Small Cities CDBG Program; Z. Smith Reynolds Foundation; State of NC (EDTAG); Golden Leaf Foundation [4]
ENERGY AWARENESS					
	Implementation Strategies	Scale	Potential Partners	Timeframe	Funding Source
52	Host energy expos or summits, booths at local events, and online educational campaigns to promote existing funding and incentive programs available for energy efficiency improvements	Regional	LOSRC; AdvantageWest	Mid	ENERGY STAR [5]; FHA Energy Efficient Mortgage (EEM) Program [6]; American Taxpayer Relief Act of 2012, Title IV, Section 25C [7]; Progress Energy's Home Energy Improvement Program
61	Develop locally oriented educational materials (fact sheets, pamphlets) and offer seminars or workshops on key energy concepts and the benefits of renewable energy, energy conservation, and energy efficiency	Regional	LOSRC	Mid	LOSRC, local energy/ sustainability managers operating funds

Energy Innovation

(Note: This is a DRAFT list of all current recommendations. Keep in mind that this is a working document and staff are filling in blank cells and modifying existing ones. We appreciate feedback you have.)

53	Work with energy utility companies and cooperatives to promote residential energy audits using free on-line tools (ENERGY STAR and Progress Energy) or a professional energy auditor	Regional	LOSRC; AdvantageWest	Mid	American Taxpayer Relief Act of 2012, Title IV- Energy Tax Extenders, Section 25C [7]
VEHICLES					
Implementation Strategies		Scale	Potential Partners	Timeframe	Funding Source
55	Establish reduced vehicle registration fees, excise tax exemptions, and emission testing exemptions for low-emission and energy efficient (LE/EE) vehicles	Regional	NCDMV	Mid	N/A
56	Work with developers and existing business owners to designate preferred parking spaces (5% total parking capacity) for LE/EE vehicles (e.g., hybrid, plug-in electric) and install electric vehicle charging stations in new and refurbished parking areas (3% total parking capacity)	Regional	LOSRC	Short	N/A
57	Offer preferred parking spaces and/or discounted parking rates for LE/EE vehicles at County- and City-owned parking lots and garages	Regional	Local Governments	Short	N/A
58	Work with local governments to encourage the use of energy-efficient and/or alternative fuel vehicles and reduce total vehicle fleet where possible by retiring older, less efficient vehicles	Regional	LOSRC	Short	Local government capital funds
BUILDINGS					
Implementation Strategies		Scale	Potential Partners	Timeframe	Funding Source
42	Adopt local resolutions requiring that county and municipal buildings meet U.S. Green Building Council standards.	Local	Local Governments	Mid	Admin Action
43	Adopt incentive programs providing streamlined approval and/or density bonuses for LEED certified buildings.	Local	Local Governments	Mid	
138	Reduce heating/cooling costs in mobile homes by working with existing energy assistance organizations.	Local	MHO, Home Energy Partners, Asheville GO, Church-related: ABCCM, SVCM, Eblen and other equivalent organizations in other counties		Local church groups, local government agencies, private foundations
54	Review local building codes and update as necessary to higher energy efficiency standards	Regional	LOSRC, local governments	Short	N/A
44	Expand local efforts to expand the use of energy efficient building materials, maintenance practices and fixtures	Local	Local Governments	Mid	