

V(A). Planned Program (Summary)

Program # 8

1. Name of the Planned Program

Sustainable Energy: Sustainable Living

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
101	Appraisal of Soil Resources	5%			
111	Conservation and Efficient Use of Water	10%			
403	Waste Disposal, Recycling, and Reuse	5%			
608	Community Resource Planning and Development	30%			
723	Hazards to Human Health and Safety	25%			
804	Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures	25%			
	Total	100%			

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2010	Extension		Research	
	1862	1890	1862	1890
Actual	0.5	0.0	0.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
1474	0	0	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
1474	0	0	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
2015	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Because of minimal expertise in this area, Extension's role is small and still evolving. Currently the focus is on "sustainable living" including sustainable and/or renewable energy. The emphasis is currently primarily on awareness.

2. Brief description of the target audience

The target audience is primarily the local general public.

V(E). Planned Program (Outputs)

1. Standard output measures

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Plan	{NO DATA}	{NO DATA}	{NO DATA}	{NO DATA}
Actual	1000	0	100	0

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year: 2010
 Plan:
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2010	Extension	Research	Total
Actual	1	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- {No Data Entered}

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Local citizens learn about "sustainable living" and renewable energy on a personal level and how to be environmentally responsible in the way they work, play and live ("Sustainable Living - Renewable Energy").

Outcome #1

1. Outcome Measures

Local citizens learn about "sustainable living" and renewable energy on a personal level and how to be environmentally responsible in the way they work, play and live ("Sustainable Living - Renewable Energy").

2. Associated Institution Types

- 1862 Extension

3a. Outcome Type:

Change in Knowledge Outcome Measure

3b. Quantitative Outcome

Year	Quantitative Target	Actual
2010	{No Data Entered}	0

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

To bring about changes in the environment and use of renewable energy sources, individuals, families and communities need to learn about "sustainable living" and renewable energy on a personal level and how to be environmentally responsible in the way they work, play and live.

What has been done

"Sustainable Living - Renewable Energy Roundup" (SLRER) is a local non-profit designed to promote sustainable practices, renewable energy use, and environmental responsibility in the way people work, play, and live. Extension in Douglas County partners with this non-profit annually to produce a "Green Living Festival" and to conduct three "sustainable living" field trips throughout the year. The goal is to help local residents feel like they have the ability to make lifestyle changes that positively affect their personal and environmental well-being including. Along with other topics, speakers at the 2010 "Green Living Festival" covered such topics as: renewable energy, house design & energy efficiency, energy economics, landscaping, gardening, well & septic maintenance, hoop house design, and recycling. Tours during the year included bio-fuels facility, an energy efficient house and a geothermal plant.

Results

One major result is that citizens feel they have the ability to make lifestyle changes that positively affect their personal and environmental well-being. The evaluation for the 2010 Green Living Festival indicated that 43% of the respondents felt the educational/informational aspect was the best part of the event. Most respondents (90%) are planning to attend the event next year. Comments included "I liked to be able to walk around, see ideas, ask questions, and appreciate the lack of being pressured," "learning about different ways to save the environment," "lots of info on many products and services for energy conservation," and "I liked all the new ideas - they opened my views on better living." The retrospective evaluation of the 2009 Festival

revealed roughly half of the respondents had changed habits or behaviors. Comments included, "my children no longer waste water bottles," "we enlarged our garden and make compost now," "we recycle in our retail store and at home, and we've changed appliances to be more efficient," and "my husband has been trained in a 'green job'."

4. Associated Knowledge Areas

KA Code	Knowledge Area
111	Conservation and Efficient Use of Water
403	Waste Disposal, Recycling, and Reuse
723	Hazards to Human Health and Safety
804	Human Environmental Issues Concerning Apparel, Textiles, and Residential and Commercial Structures

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Economy
- Appropriations changes
- Other (Cost of renewable energy usage for individuals and families.)

Brief Explanation

The primary external factors affecting outcomes now and the next 2-5 years are the economy, appropriations and lack of renewable energy expertise in Cooperative Extension.

The economic situation in Nevada is one of the worst in the nation with unemployment averaging 14.4% in 2010 and the state lost 70,000 residents to out-migration in 2010 for first time in over 30 years! Nevada has the highest home foreclosure rate in the nation and 65% of homes are "under water" at this time. This makes it difficult for individuals to invest in sustainable living practices and renewable energy technology which may be expensive.

The poor economy has resulted in significant reductions to tax revenues to the state. Nevada is about \$3 Billion short on a \$6 Billion budget. This situation along with the state's economic situation has resulted in Cooperative Extension taking a 21% over two years for FY10 and FY11. For FY12 and FY13 the Governor has proposed a 33% reduction in our state appropriated budget and the president of the university has proposed increasing the reduction to 72% to make up the reduction in the universities reduced budget!!! Earlier cuts have resulted in lost positions and faculty turnover, and proposed state budget cuts could mean an additional loss of up to 70 positions.

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}