## Renewable Energy Development Efforts University of Nevada, Reno











SCR 19, Legislative Interim Committee Study of Production and Use of Energy in Nevada

November 3, 2009



# Outlook of Renewable Energy

"According to the NSF presentation in April 2009, '5 million new jobs by strategically investing \$150 billion will be created over the next 10 years to catalyze private efforts to build a clean energy future'."

—Barbara H. Kenny, "Energy Infrastructure-NSF Perspective", Program Director, Engineering Education and Centers Division, National Science Foundation, April 23, 2009



#### Renewable Energy Center







#### **UNR Provost**

DRI

**UNLV** 

**Industrial Partners** 

Council of Deans

Deans of the College of Agriculture and Biotechnology Business Administration, Engineering, Science

> **Renewable Energy Center** www.unr.edu/energy

Director: Mano Misra misra@unr.edu 775-784-1603

R&D



Geothermal Coordinator: Lisa Shevenell lisaas@unr.edu

775-784-1779



**Hydrogen Energy** and Storage **Coordinator: Kwang Kim** kwangkim@unr.edu 775-784-1701



Coordinator: John Cushman jcushman@unr.edu 775-682-6847



**Solar Energy Coordinator:** Ravi Subramanian

ravisv@unr.edu 775-784-4686



**Power Grid** Coordinator: Mehdi Etezadi etezadi@unr.edu 775-784-6066



Development **Coordinator: Ted Batchman** 

batch t@unr.edu 775-682-6443

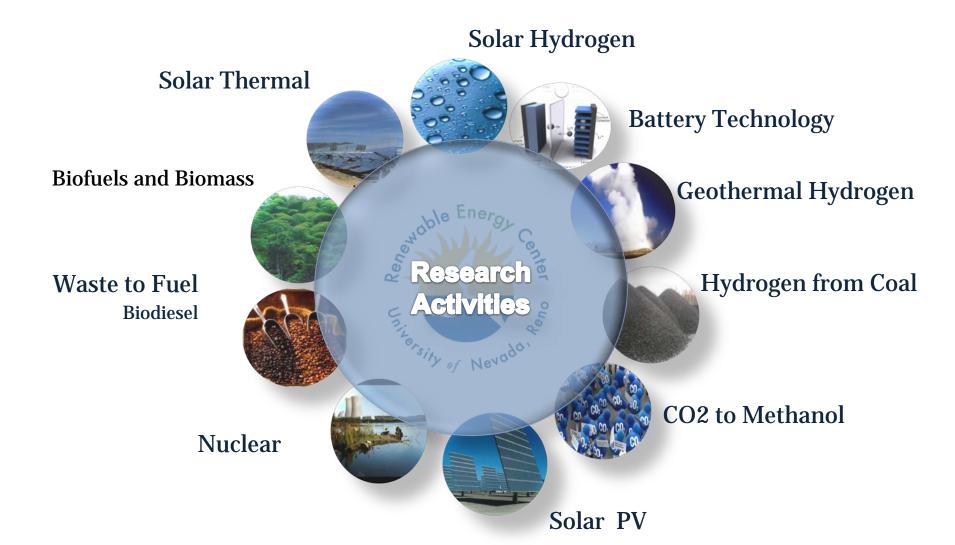
Business, Public Policy, Outreach, Education Coordinator: Ron Tibben-Lembke rtl@unr.edu 775-682-9164





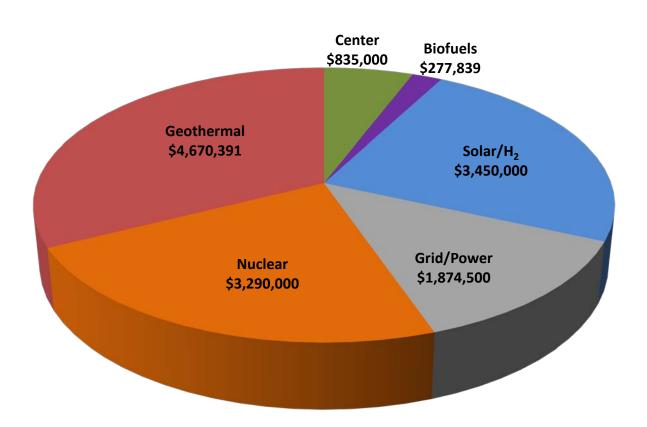








### Renewable Energy Center Current Funding: \$14,396,730





#### **Educational Activities**



Commercialization & Outreach

Activities

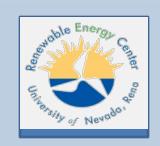


Interdisciplinary Renewable Energy Minor

Renewable Energy Track in Electrical/ Biomedical Engineering



# Renewable *Energy* Activities at the Redfield Campus





## Renewable Energy Activities at the Redfield Campus





