



New Mexico Green Initiatives

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<http://gonm.biz/greenEconomy/overview/index.html>



Working between levels to create change

- State
 - Vision
 - Coordination
 - Capacity building
- Local
 - Initiative and leadership
 - Partnership
- Federal
 - Funding and opportunities



Governor Richardson's Leadership on Climate Change, Clean Energy and Energy Efficiency

- NM declared the “Clean Energy State” (2004)
- Climate Change Executive Order (2005) and the founding of the Western Climate Initiative (2007)
- State government energy efficiency goals established (2006)
- State Renewable Portfolio Standard created (2007)
- Renewable Energy Transmission Authority created (2007)
- Various renewable energy tax credits established
- Efficient Use of Energy Act (2008)
- Green Jobs Cabinet formed (Jan. 2009)



State Role with Federal Stimulus

Goal: Maximizing Benefits to New Mexico

- Conduit for energy efficiency / renewable energy funds
- Coordinating statewide ARRA grant proposals
 - Green Grid (smart grid)
 - Green workforce development
- Supporting and aligning local grant proposals
 - DOE, DOL, DOD
- Oversight and accountability
(Office of Recovery and Reinvestment)

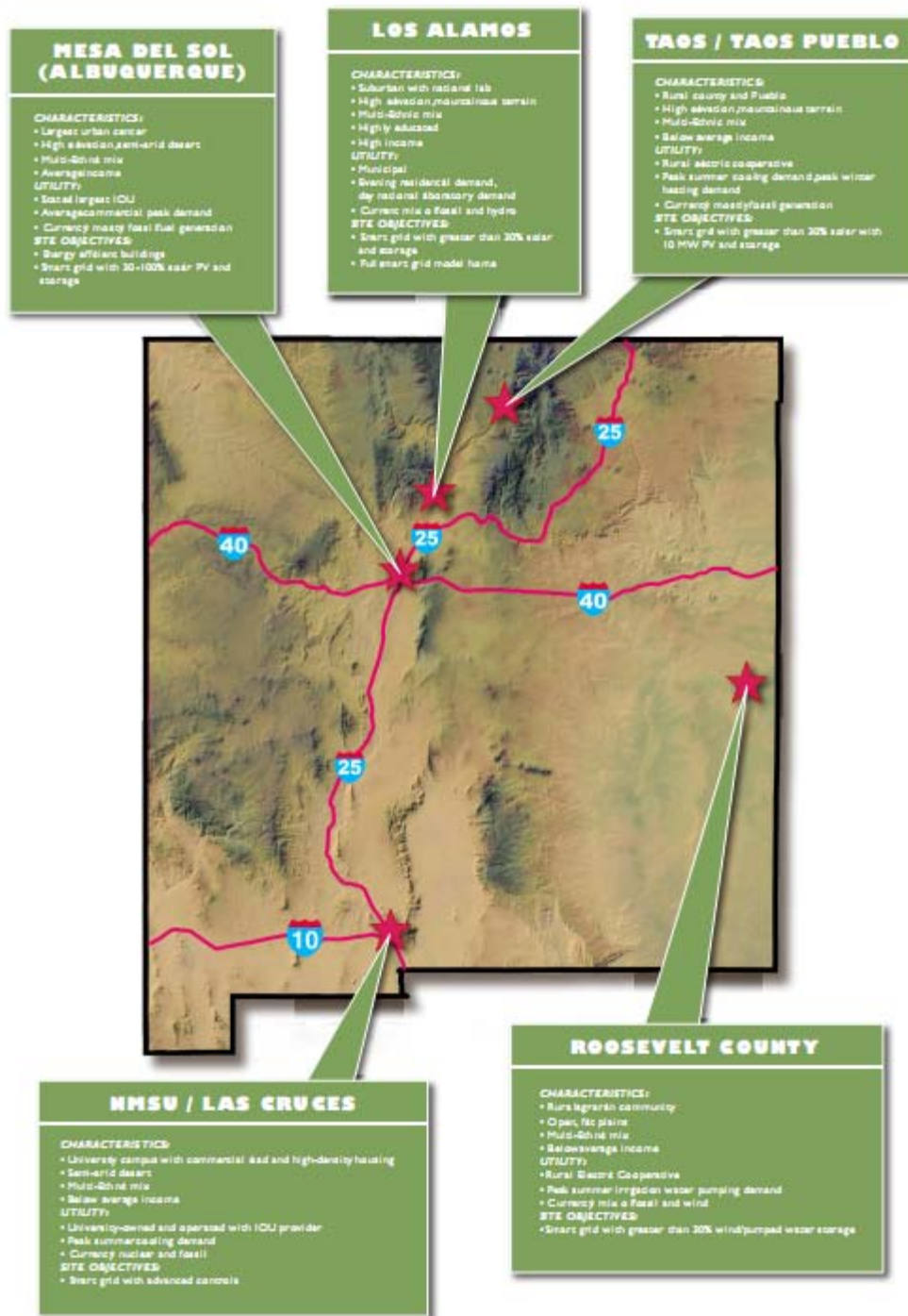


Green Jobs Cabinet Strategy

Provides a framework for selecting priorities and aligning efforts

- 1. Be the Leader in Renewable Energy Export**
 - Electricity and select biofuels
- 2. Be the Center of the North American Solar Industry**
 - Vertically integrated: R&D through installation
- 3. Lead the Nation in Green Grid Innovation**
 - Leverage labs, universities
- 4. Be a Center of Excellence for Green Building and Energy Efficiency**
 - Develop an EE industry
 - Attract green building product manufacturers
- 5. Have a Highly Skilled and Ready-to-Work Workforce**
 - Career pathways
 - Just-in-time customized training for industry





New Mexico Coordinated Green Grid ARRA Proposal

- Five diverse demonstration projects
- Local buy-in / involvement
- Only state with MOU/investment from Japan
- Focus on developing solutions that support large amounts of renewable energy



Green Workforce Development

Building new statewide infrastructure and capacity

- Grassroots Green Collaborative formed (Jan 2009)
 - Goal: Expand green workforce training
 - Private foundation support
 - State government participation
- State Labor Market Information grant submitted (Aug. 2009)
- Five community colleges submitted a joint Energy Training Partnership grant proposal with state support (Sept. 2009)
- State helped coordinate and align local Pathways out of Poverty grant applications (Sept. 2009)
- State Sector Strategy grant proposal (Oct. 2009)
 - Aligns with Green Jobs Cabinet strategy
 - Forming a state Green Industry Council to direct
 - “Wraps” ETP and Pathways grants

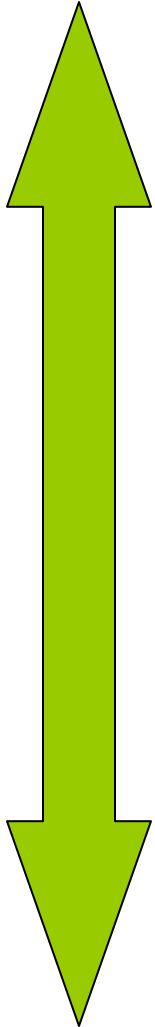


Implementing RE Financing Districts

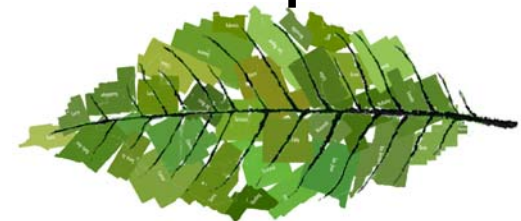
- HB 572 (Egolf) and SB 647 (Wirth) passed authorizing RE financing districts (Feb. 2009)
- Santa Fe County and City of ABQ lead the way and develop ordinances and administrative structures
 - Anticipated adoption: Oct. 2009
- Association of Counties and State Energy Dept. partner to roll out districts across NM



Roles



- **Federal** funding opportunities provide motivation
- **State** provides direction, coordination, support and replication
- **Local** entities provide leadership and pilot new programs



Positive Results

- New awareness, relationships and coordination
- New support structures
- Rapid realignment
- Detailed plans and proposals (may be useful even if grants are not received)



ROI?

- Good: Leverage matching funds
 - Federal
 - Private
- Better: Develop necessary infrastructure
 - Transmission capacity
- Better: Leverage existing assets
 - Commercializing R&D from LANL, Sandia
- Even Better: Open new markets and business models
 - RE financing districts
 - Commercialization of existing R&D
- Best: Develop self-perpetuating industry clusters



Challenges

- Grant programs
 - Handout dependence and distraction
“Where’s my stimulus?”
 - Bureaucratic delays and paperwork
 - Competitive grants may not be awarded
 - Discouraged constituents
 - Wasted time
 - Sustainability after grant term
 - Uncertainty: Unstable environment for business
 - You may not get highest leverage if you just issue an open RFP
- Data: Limited information and “proof” re: new and emerging industries
- Competition for limited investment:
Race to the bottom?



What's next?

- Budget woes mean limited options
- Opening new markets
 - Extending RE financing districts to EE?
 - Allowing third-party EE/RE PPAs?
 - Transmission to get power to market
- Compete for federal and private investment
- Implementing federal grants
 - Planning for sustainability

