New Mexico Environment Department

Long-term Power Generation and Economic Development for San Juan County

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Legislative Finance Interim Committee
New Mexico Hydrogen Economy Goals

- Meeting climate goals
- Focus on Clean and Zero-carbon Hydrogen
- Global demand:
  - 2030: $250B
  - 2050: $1T
- Economic and workforce development opportunities
New Mexico Clean Hydrogen Approach

- Four State MOU
  - Atkins
  - Capacity building: Broad theoretical policy-based problem solving across the Region

- NM DOE MOU
  - Executive Agencies/Labs
  - Capacity building: Broad theoretical policy-based problem solving across the State

- NM EO
  - NRGCC
  - Executive Agencies
  - Advancing technology to market: Applied problem solving for broader hydrogen implications

- Inventory of assets
- Workforce development
- Equity and Environmental Justice

- Education and Outreach
- Socio/Techno/Economic/Enviro Analysis
- Inventory of assets
- Industry cost sharing for the RFP
Can lead nation in Carbon Capture, Utilization and Sequestration (CCUS)

- Intrinsic geographic and infrastructure advantages
- Leverage opportunities to pair hydrogen production and renewable energy
- Opportunities for economic development
Western Interstate Hydrogen Hub (WISHH)

- DOE Funding H2Hubs Opportunity:
  - Up to $7 billion to establish six to 10 regional clean hydrogen hubs across America
  - H2Hubs projects will demonstrate the production, processing, delivery, storage, and end-use

STATES: New Mexico, Colorado, Wyoming, Utah

CORPORATE PARTNERS in New Mexico:
- Escalante/Tallgrass
- Avangrid
- Libertad
- Navajo Agricultural Products Industries (NAPI)
• Interagency approach to building a strategic plan to long-term uranium mine clean up and reclamation.
• Mapping and documenting AUM sites.
• Consultation and coordination across federal government; Indian nations, tribes, and pueblos; impacted communities; and other states.
• Build an industry and workforce so clean up benefits impacted communities.

HB142 (2022): Abandoned Uranium Mine Clean Up
AUM Workforce Activities

**Student Internships**
- Summer internships at NMED and EMNRD (Energy, Minerals, and Natural Resources Dept)
- On-the-job training reimbursements for employers (WIOA-funded)

**Job Incentive Training Programs (JTIP)**
- Funded by NM Economic Development Department (EDD)
- Reimburses 50-75% of employee wages for up to 6 months

**WIOA-funded, Employer-led Program**
- In progress: a certification, skills, and OJT program, 4-8 weeks
- San Juan College-led, NMED-supported
- Goal: employers help create relevant curriculum
- Funding eligibility depends on candidate, or can be privately funded
- Support services for trainees - HelpNM

**EPA Brownfields Job Training**
- Certification series over 5-week period
- Santa Fe Community College- led, NMED-supported
- Award increased to $500,000 over a 4-year period
NMED Contact Information

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