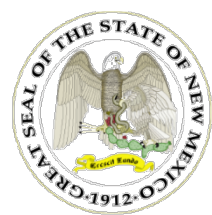


Overview of the Strategic Water Supply

Rebecca Roose
Office of Governor Michelle Lujan Grisham

Legislative Finance Committee
Water Subcommittee – June 11, 2024
Carlsbad, NM



50-Year Water Action Plan: New Water Supply (One of Three Priorities in the Plan)

1

ACTION B1:
ESTABLISH THE
STATE STRATEGIC
WATER SUPPLY

2

ACTION B2: WATER
REUSE RULES
AND POLICY

3

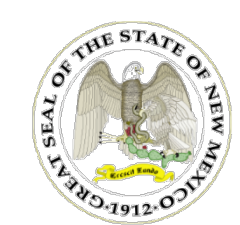
ACTION B3:
AQUIFER
MAPPING AND
MONITORING
PROGRAM

Our Targets (aka, Return on Investment)

B1: By 2028, 100,000 acre-feet of new water for clean energy production, storage and manufacturing, etc.; By 2035, 50,000 acre feet of treated brackish water available for purposes above plus aquifer recharge and surface water augmentation.

B2: By 2026, regulatory frameworks for reuse are in place.

B3: By 2032, all major aquifers are characterized; By 2037, all major and minor aquifers are characterized.

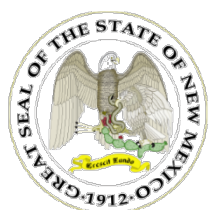


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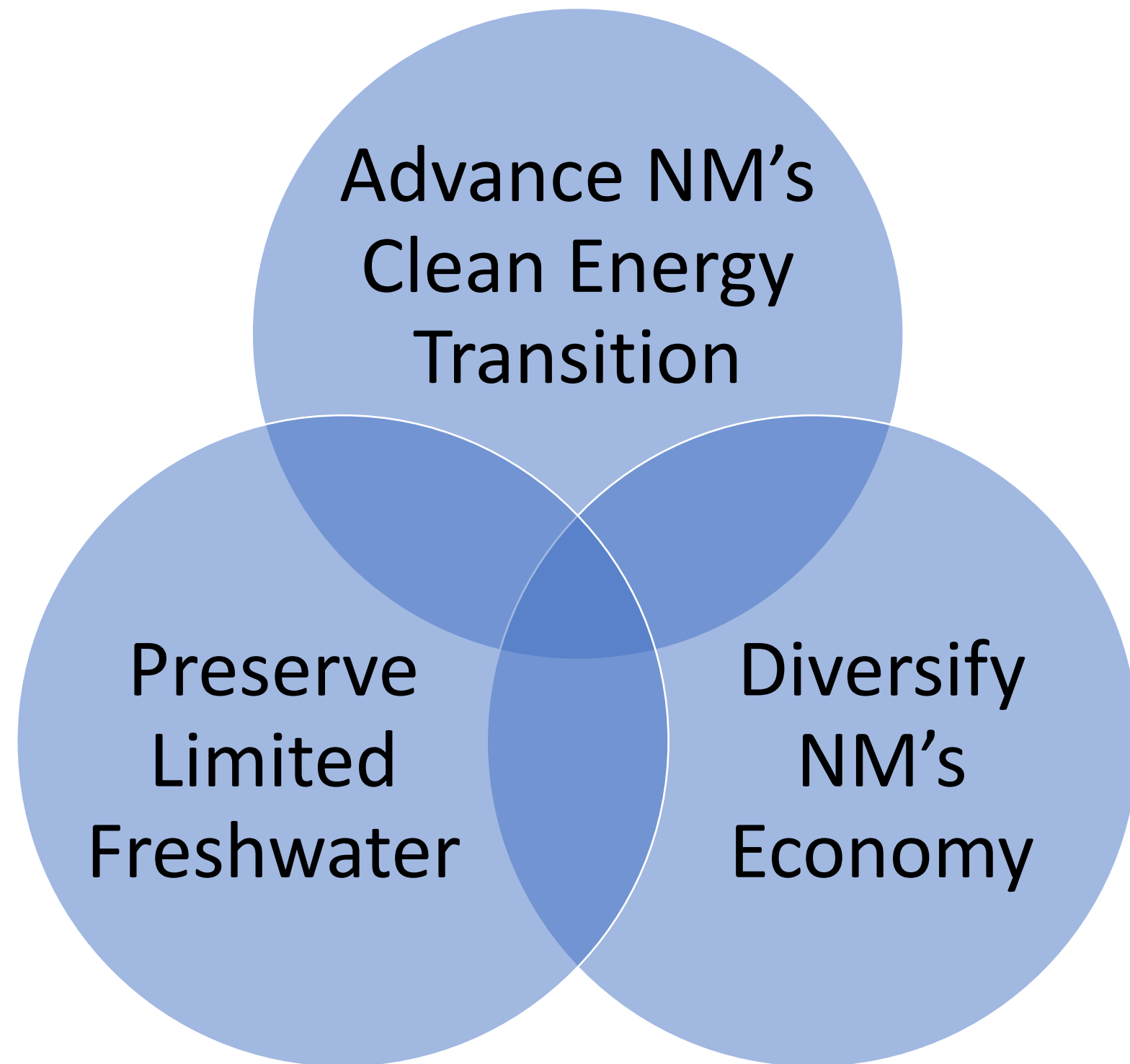
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Overview of Strategic Water Supply Program

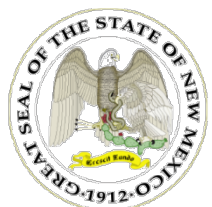
- **Water Sources**
 - Reservoirs and groundwater supplies are not recharging at a sufficient rate to ensure future water security
 - Estimated over two billion acre feet of brackish water under New Mexico
 - Approx. two billion barrels of produced water generated annually by O&G
- **Strategic Water Supply Program Elements**
 - Use Advanced Market Commitments (AMCs) to purchase treated brackish/produced water
 - AMCs provide a guaranteed buyer and reduce risk for water treatment market entrants
 - Feasibility study is underway to support policy decisions and funding allocations
 - New Mexico will sell treated water to advance:
 - Clean energy production and storage projects, and
 - Advanced manufacturing, such as solar panel components, wind turbines and components for zero emission vehicles and charging infrastructure



Policy Drivers for the Strategic Water Supply



The Strategic Water Supply aligns three key priorities, and it positions the State to steer new water treatment projects in conjunction with new economic development in communities across the state.



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Developing the Strategic Water Supply Program



Ongoing research and scientific studies into brackish and produced water treatment and use;
Evaluation of 51 responses to NMED SWS Request for Information (closed 3/31/24)



Strategic Water Supply: State of the Science Symposium at New Mexico State University,
June 27

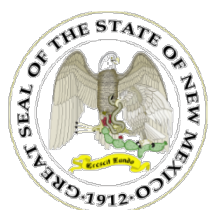


Feasibility Study underway to analyze technical and economic viability and inform legislation
and funding request



Continued discussions with stakeholders, legislators and other partners

Review RFI responses and
other SWS updates at
<https://www.env.nm.gov/strategic-water-supply/>
or scan below.



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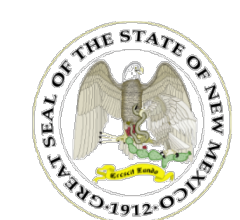
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Photo credit: takemytrip.com