

Don't Mess with Texas: Water Edition

Chairwoman Brooke Paup
Texas Water Development Board

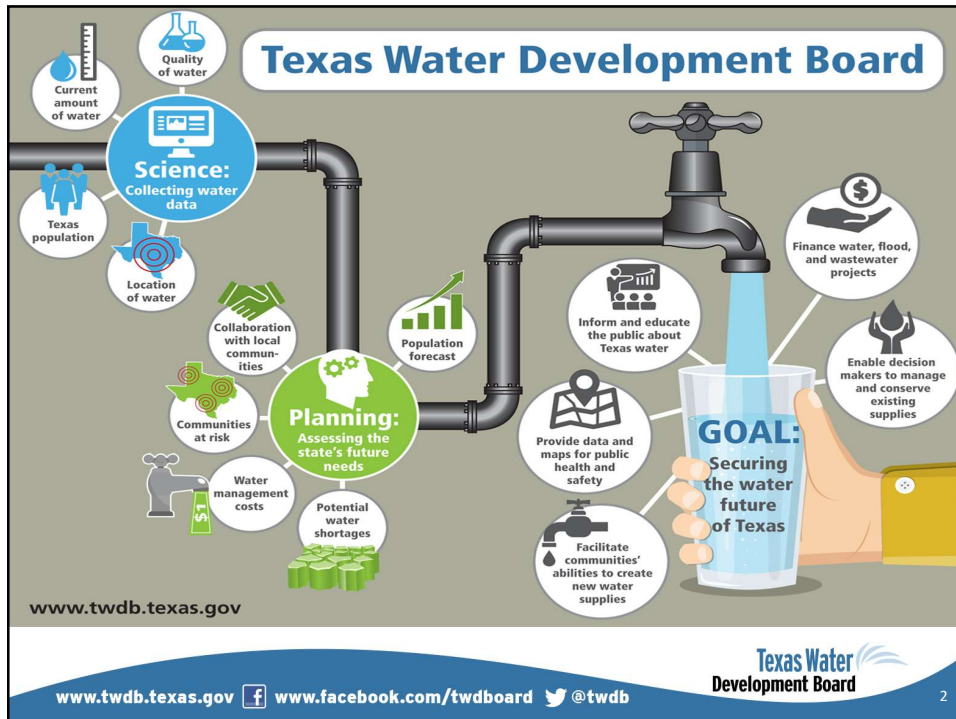
TML Economic Development Conference
November 16th, 2023

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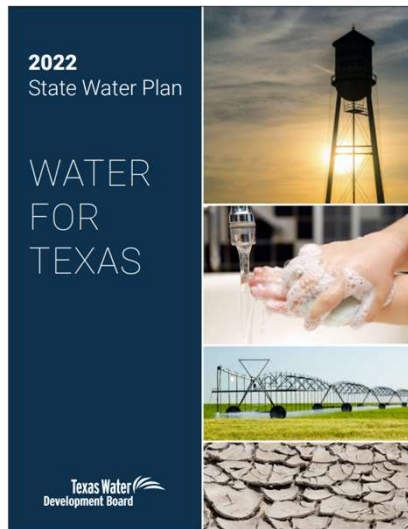
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Why Do We Plan?



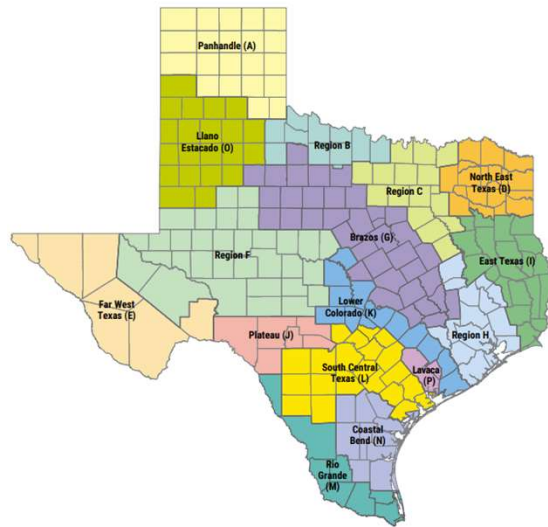
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Bottom-Up Regional Approach



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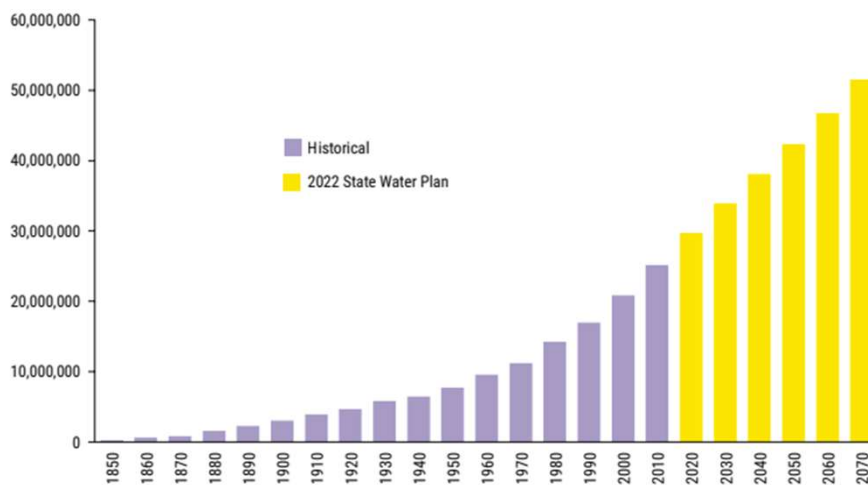
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How Do We Plan?

- 16 regional water planning areas
- 12 required interest groups:
 - Public
 - Counties
 - Cities
 - Industry
 - Agriculture
 - Environment
 - Small Business
 - Electric Utilities
 - River Authorities
 - Water Districts
 - Water Utilities
 - Groundwater Mgmt. Areas

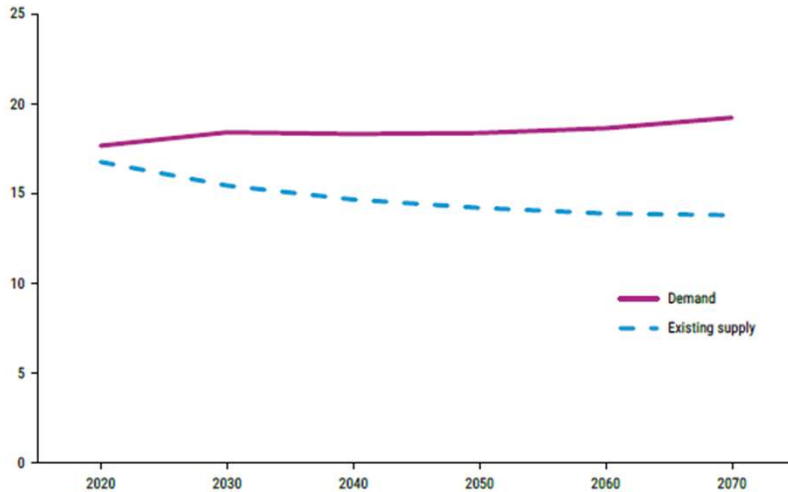
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Population Growth



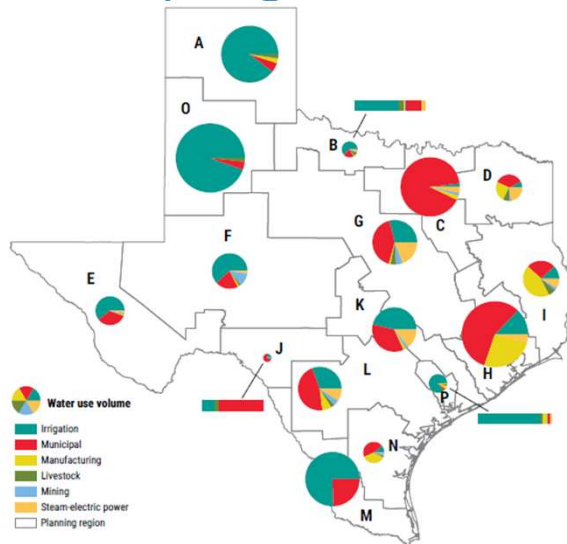
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Supply and Demand



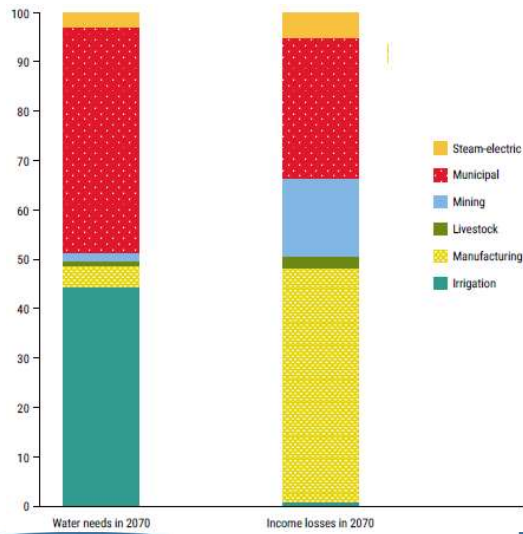
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Demand by Region and Category



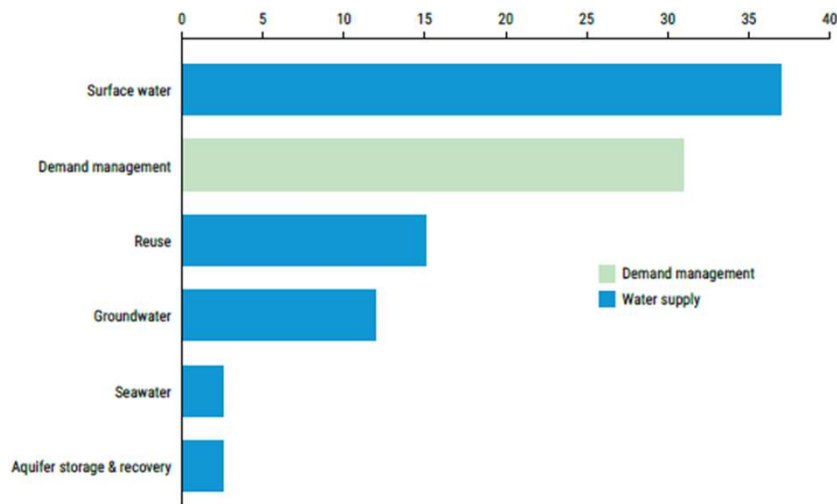
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Water Needs / Potential Income Loss



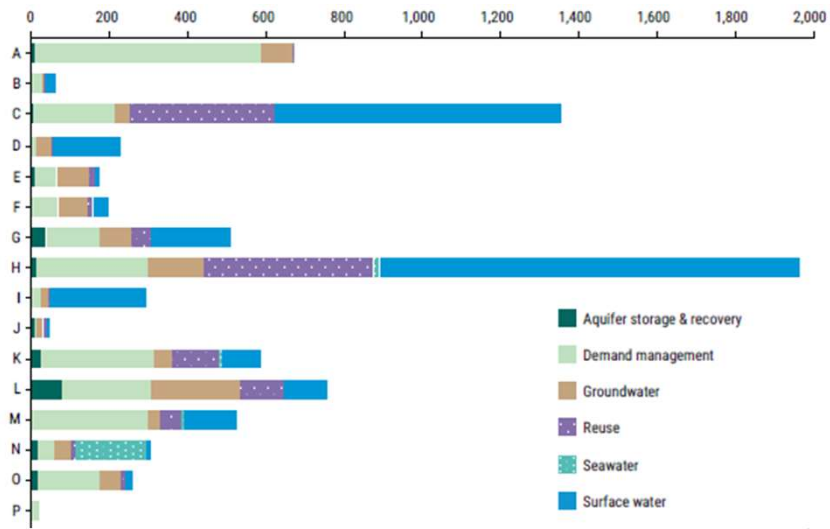
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Recommended Strategies



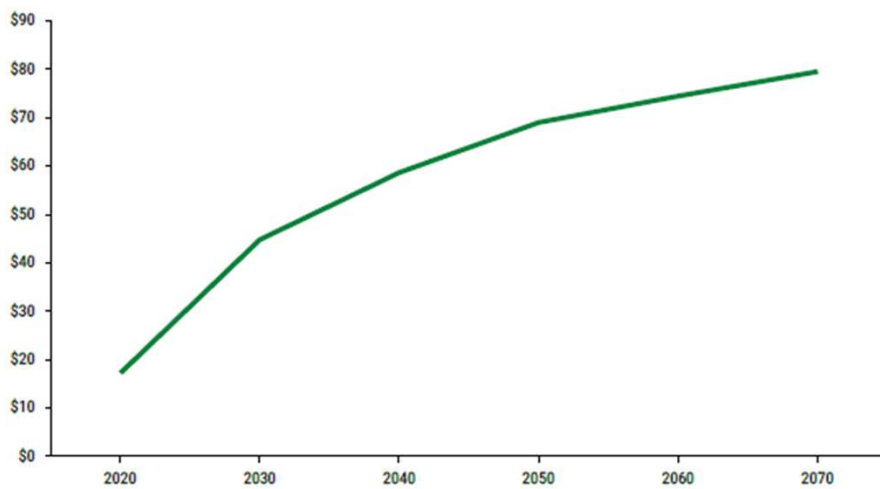
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New Strategies by Region and Type



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Total Capital Costs



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State Water Implementation Fund for Texas (SWIFT)

- We link planning to financing
 - Project included in State Water Plan
 - Eligible for SWIFT financing
- Success story
 - About **\$11 billion** in commitments since 2015
 - **1.5 million acre-feet** new water supply created
 - **\$1.2 billion** in savings vs. open market

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SWIFT Program Timeline

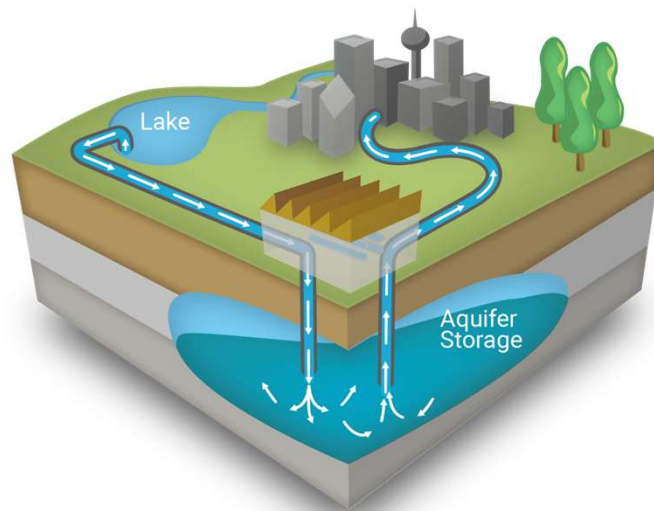
- December: Application period begins
- February: Abridged applications **due**
- Spring:
 - Abridged applications **scored**
 - Invitations extended to submit full application
- Summer:
 - Full applications **due**
 - TWDB board makes financial commitments
- Fall/Winter:
 - TWDB bond sale / Borrowers **close** on funds

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Innovative Water Strategies

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Aquifer Storage and Recovery



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Desalination



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Rainwater Harvesting



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Water Reuse



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88th Legislative Session

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TWDB Budget

Project Funding

- \$1 billion – Texas Water Fund
- \$625 million – Flood Infrastructure Fund
- \$125 million – Federal match for SRF programs

Employees

- 5% pay raise across the board
- \$3 million: Targeted salary increases for key positions
- Funding for about 80 new positions

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SB 28 / Proposition 6

- Created the Texas Water Fund
- \$1 billion deposit
- Resounding approval from voters
 - 78% voted for
 - 1.97 million people
- **\$750 million** to supplement TWDB programs that already exist
- **\$250 million**: New Water Supply for Texas Fund

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SB 28 / Proposition 6

- Specifically mentioned in bill:
 - Rural communities
 - Cities under 150,000 population
 - Projects where all permitting is complete
 - Statewide public awareness campaign
 - Water conservation strategies
 - Water loss mitigation projects

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New Water Supply for Texas Fund

- Goal: create new water supply sources for TX
- \$250 million deposit
- Examples:
 - Desalination (both seawater and brackish groundwater)
 - Produced water treatment
 - Aquifer storage and recovery
- Public-private partnerships allowed

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Looking Ahead

- Rulemaking and stakeholder input
 - New Water Supply Fund
 - Rural Water Assistance Fund
 - Public awareness campaign
 - Water loss audits