



TWDB's Support for Projects Within One Water

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*Unless specifically noted, this presentation does not necessarily reflect official Board positions or decisions.

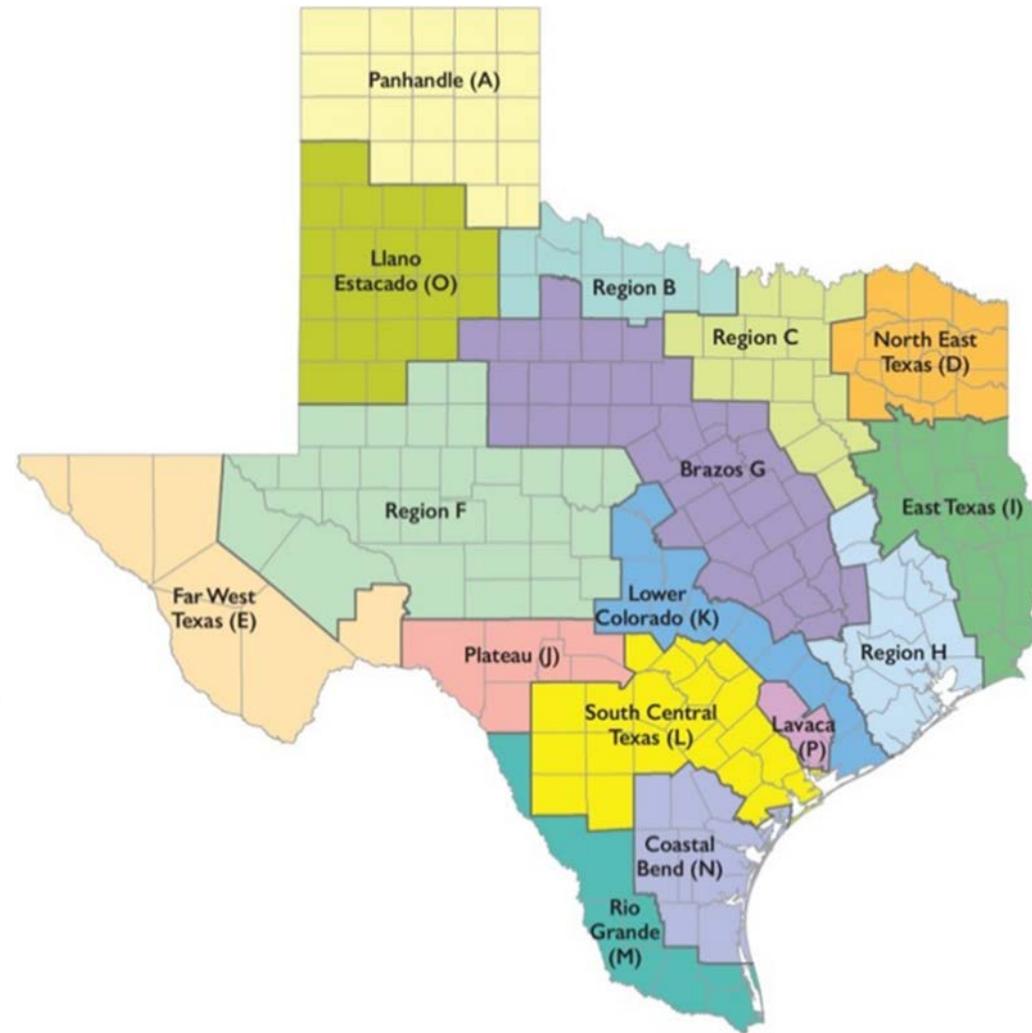
Regional water planning process

1. How much are we going to use?

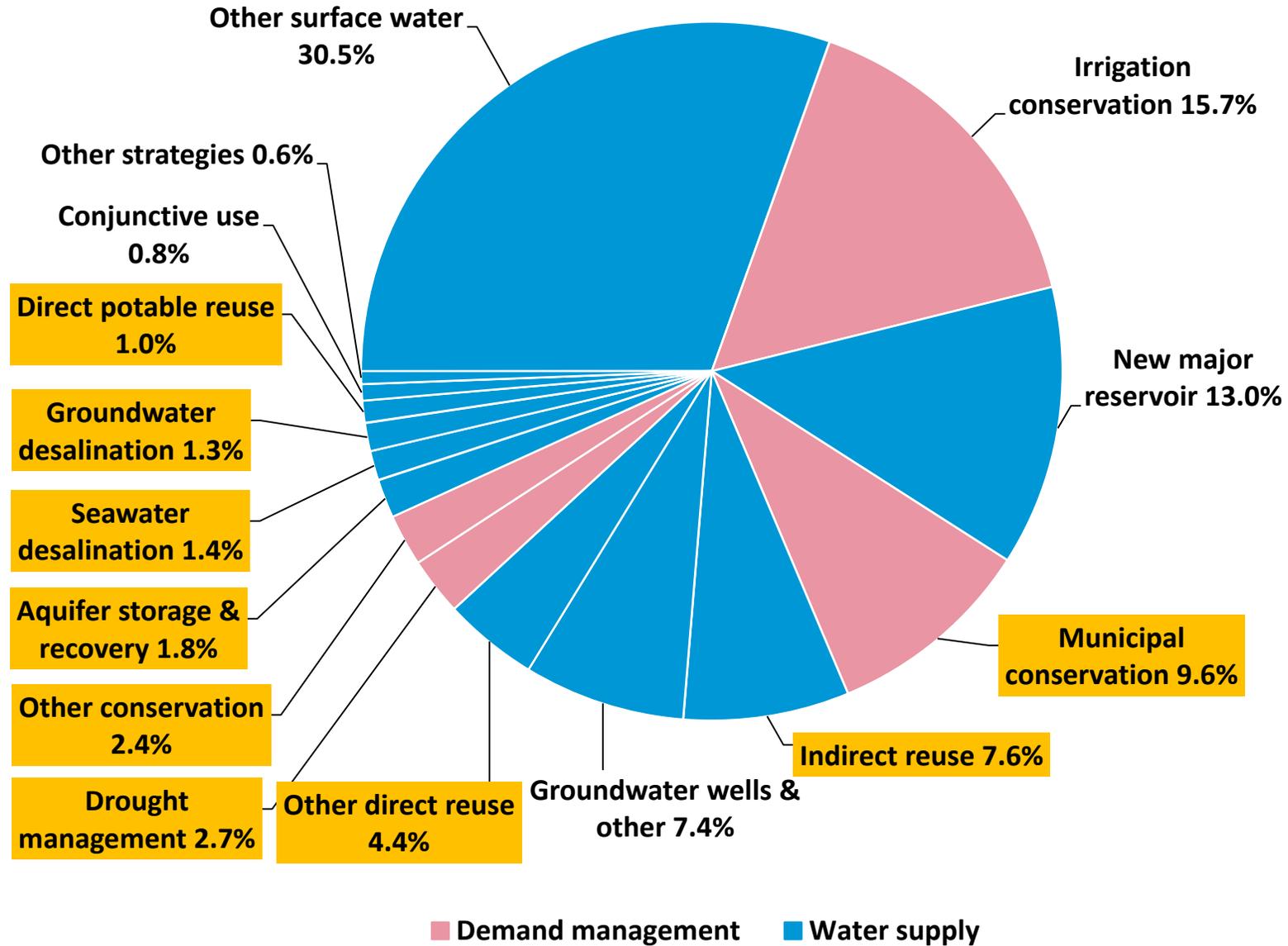
2. How much do we have now?

3. Do we have enough water?

4. If not, what to do to meet future needs?



Share of strategies by type in 2070



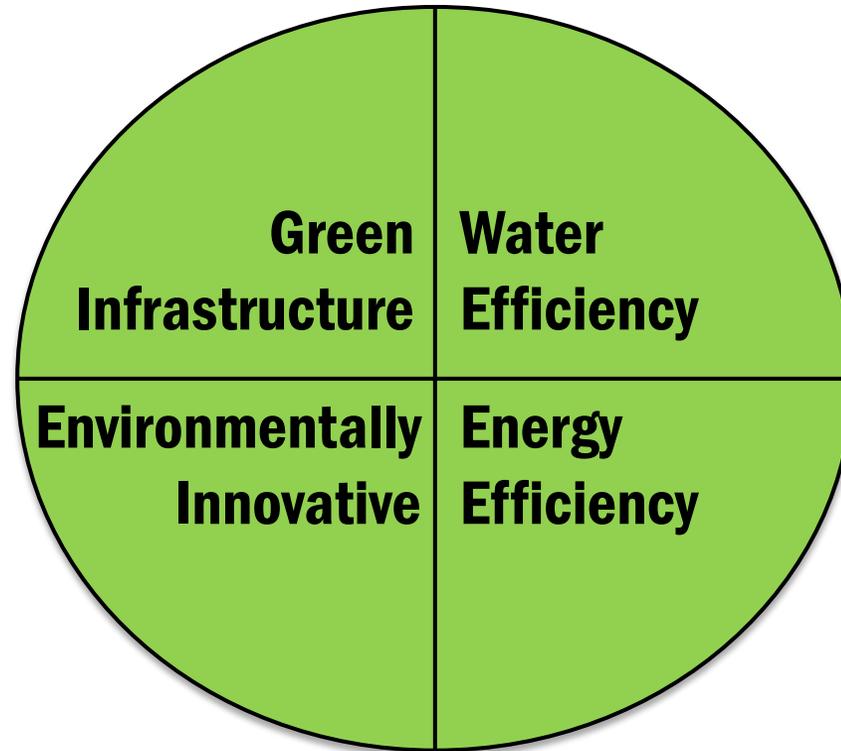
Financial Assistance Support

- Development Fund
- SWIFT
- Drinking Water State Revolving Fund
- Clean Water State Revolving Fund
 - *Green Project Principal Forgiveness*



Green Project Principal Forgiveness

- **Green initiatives** If at least 30% of project costs are green, eligible for up to 15% PF on green dollars
- Entire project or discrete components



- Permeable pavement
- Bioretention
- Trees/urban forestry
- Advanced metering systems
- Reduced demand on POTWs
- Renewable energy
- Reduced energy consumption
- Total/integrated water resources management planning



Conservation activities

- Planning
 - State Water Planning
 - Water Conservation Plans
- Financial Support
 - SWIFT, Drinking Water SRF, Clean Water SRF
 - *Green Project potential*
- Water Conservation Advisory Council
 - Best Management Practices



Reuse

- Planning
 - State Water Plan
 - Feasibility studies
- Financial Support
 - Swift, Drinking Water, Clean Water
 - *Green Project potential*
- Implementation



Desalination – brackish groundwater and seawater

- Planning
 - State Water Plan
 - Research/feasibility studies
- Financial Support
 - Drinking Water SRF, SWIFT
- Other Support
 - Brackish Resources Aquifer Characterization System (BRACS)



Rainwater Harvesting

- Planning
 - State Water Plan
 - Guidance document
- Financial support
 - Drinking Water SRF, SWIFT
 - *Green Project potential*
- Rain Catcher Awards



Stormwater Harvesting

- Financial Support
 - Clean Water SRF
 - *Green Project potential*



- Stormwater Harvesting Guidance

- http://www.twdb.texas.gov/publications/reports/contracted_reports/doc/0804830853_Stormwater_Harvesting.pdf

Additional Information Links

- Regional Water Planning -
<http://www.twdb.texas.gov/waterplanning/rwp/index.asp>
- Conservation Best Practices Guides -
<https://www.twdb.texas.gov/conservation/BMPs/index.asp>
- Financial Assistance Programs -
<http://www.twdb.texas.gov/financial/programs/index.asp>
- Green Project Reserve Guidance -
<http://www.twdb.texas.gov/financial/programs/green/index.asp>