

# Arizona Water Initiative Cochise Planning Area Background and Mitigation Meeting



## Agenda

1. Welcome and Introductions
2. Presentation: Cochise Planning Area Background from Strategic Vision
3. Discussion Regarding Changes, Additions, and Updates to Background Information
4. Presentation: Summary of Mitigation Strategies
5. Discussion Regarding Mitigation Strategies and Additional Proposals for Strategies
6. Public Comment
7. Closing Remarks

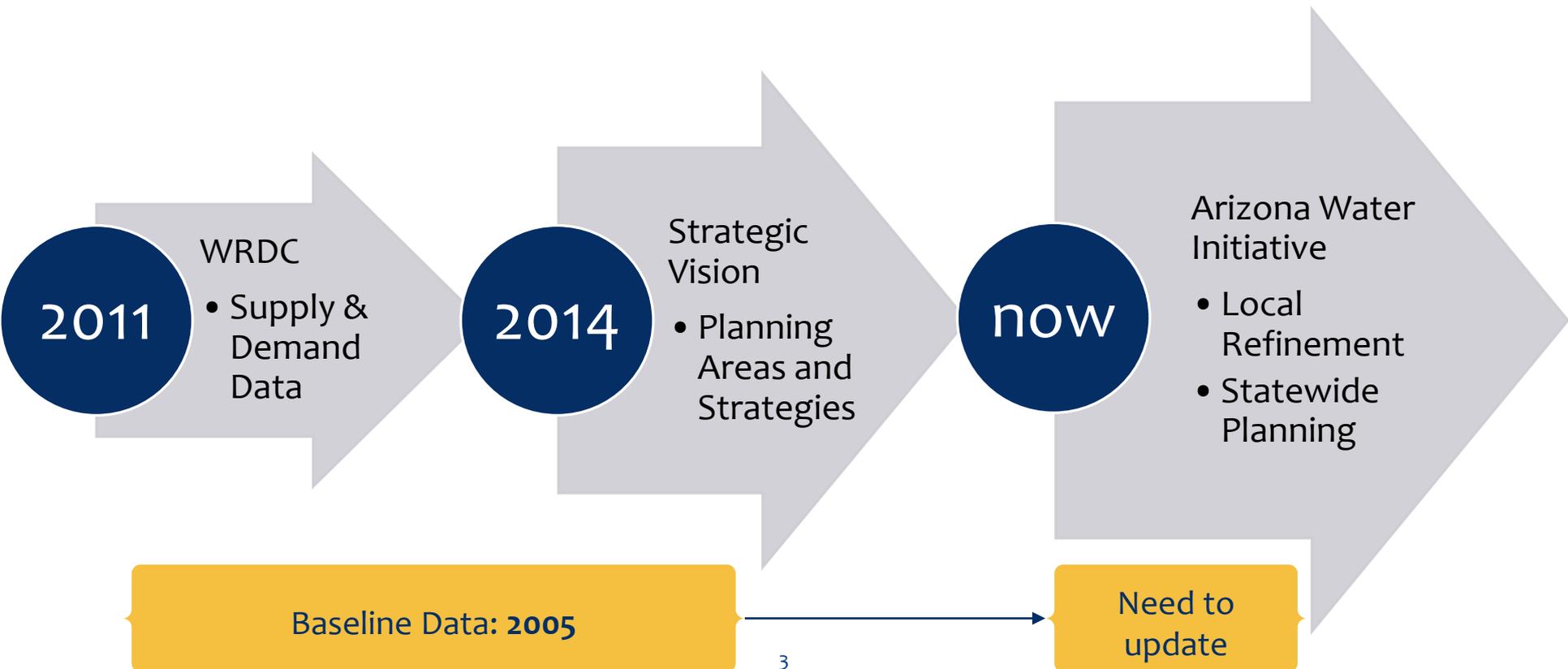
# Cochise Planning Area: Background Information from Strategic Vision



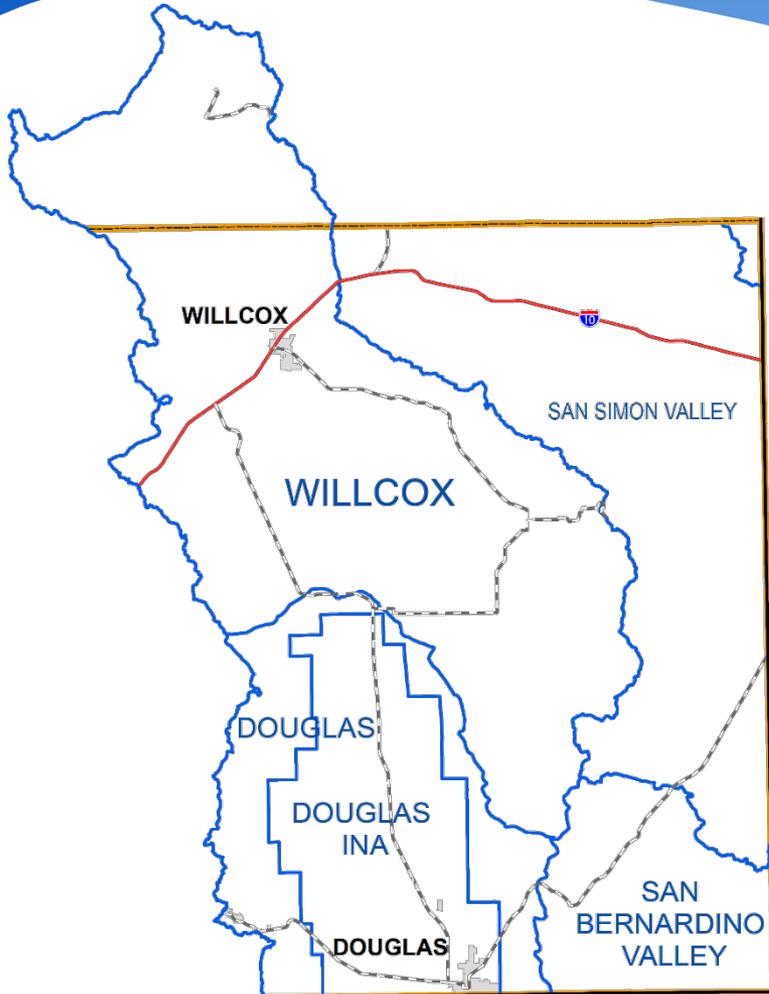
Arizona Water Initiative  
Cochise Planning Area  
Background and Mitigation Meeting  
April 19, 2016

Natalie Mast

# Arizona Water Data: Recent Timeline

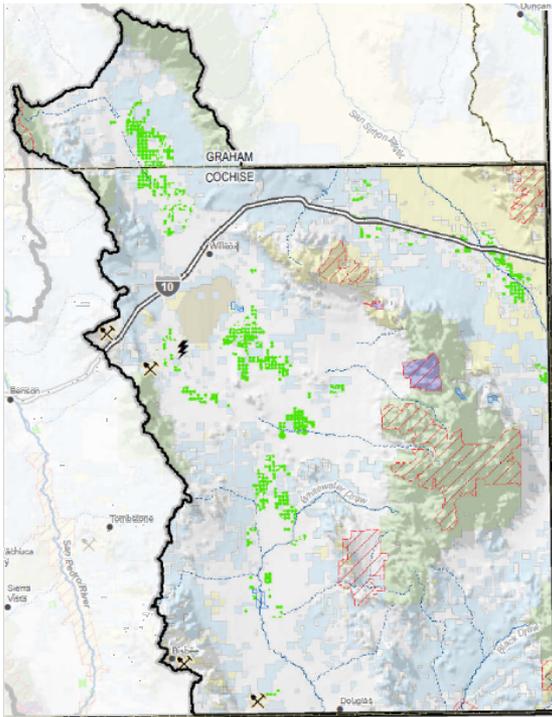


# Location and Composition



- **Counties** - Cochise and Graham
- **Watersheds** - Rio de Bavispe, San Pedro-Willcox
- **Groundwater Basins** - Douglas, San Bernardino Valley, and Willcox, and the San Simon Valley
- **Valleys** - Sulphur Springs, San Simon, San Bernardino Valleys
- **Communities** - Douglas, Willcox, San Simon, Bowie

# Land Ownership and Use



- Coronado National Forest
  - Recreation, grazing, timber
- BLM
  - Grazing
- State Trust
  - Grazing
- Private land
  - Agriculture, grazing

# Water Supplies

- Groundwater
- Surface Water
- Reclaimed Water
  - Wastewater treatment plants at Willcox, Douglas, and Fort Grant Prison

# Ecological Resources

- Willcox Playa
  - Sandhill Cranes
- Chiricahua Mountains/Sky Islands
  - Wildlife diversity
- Whitewater Draw Wildlife Area
- Leslie Canyon National Wildlife Refuge

# Other Background

- Existence of land subsidence and earth fissures
- Existing Water Management – Douglas INA
- What is missing or needs correction/updates?

# Discussion Regarding Changes, Additions, and Updates to Background Information

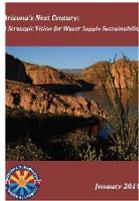
# Cochise Planning Area: Summary of Mitigation Strategies



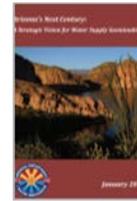
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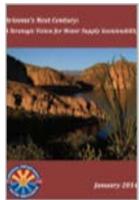
# Strategies from Strategic Vision



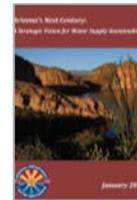
Expanded  
Monitoring



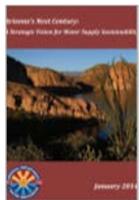
Aquifer  
Management



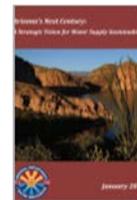
Agricultural  
Conservation



Reclaimed Water



Municipal  
Conservation



Municipal Supply  
Protection

# Strategies from 1<sup>st</sup> Cochise Planning Area Stakeholders Meeting

## From March Meeting

- Help or fund for small farmers and homeowners
- Augmentation and enhanced recharge projects
- Storage and rainwater collection
- Conservation and waste reduction
- Compensation for decreased property value

# Strategies from 1<sup>st</sup> Cochise Planning Area Stakeholders Meeting

## From March Meeting

- Dividing amount of annual recharge across all acres
- Incentive-based solutions
- Water budget
- New development approved case-by-case
- Metering large users and charging fees for use over a set amount

# Discussion Regarding Mitigation Strategies and Additional Proposals for Strategies

# General Comment



# Arizona Water Initiative Cochise Planning Area

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# Backup Slides

# Groundwater Management

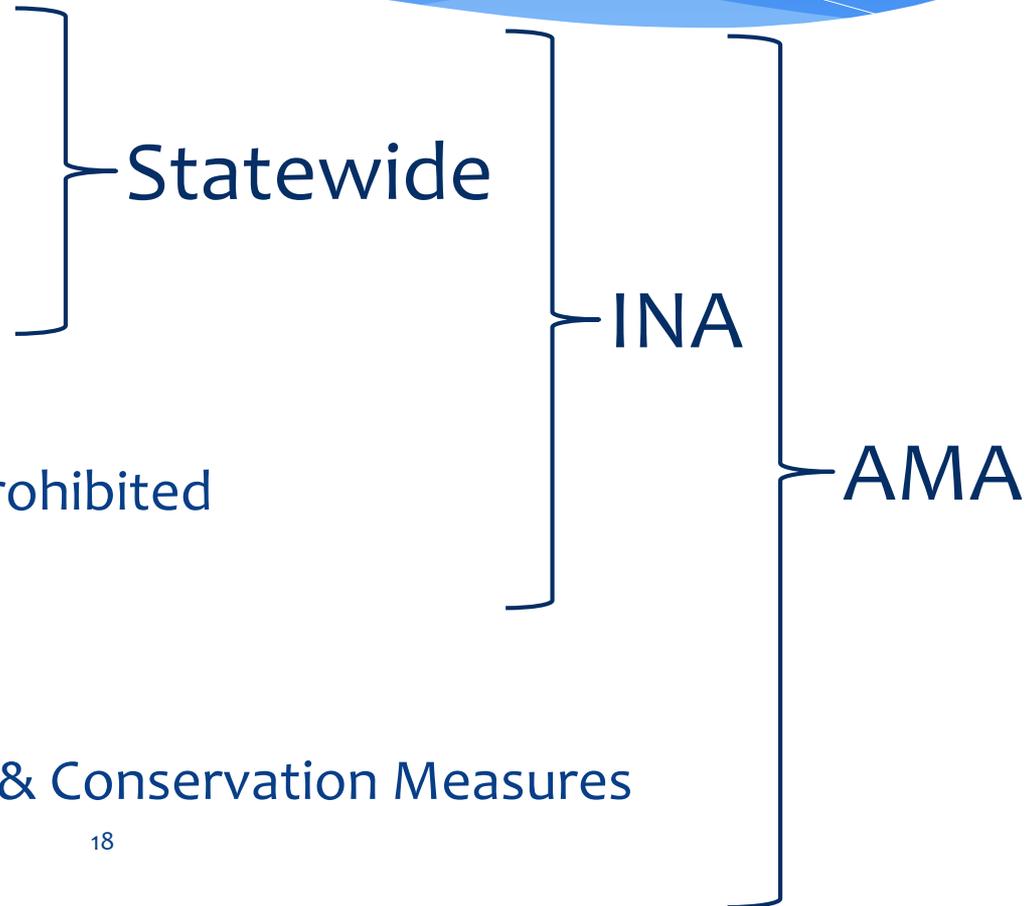
- Registration of all wells
- Adequate Water Supply
- Community Water Systems Documentation

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- Expansion of irrigation is prohibited
- Monitoring and Reporting

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- Management Goals, Plans, & Conservation Measures
- Withdrawal Fees



# Q: Is Bisbee in Cochise Planning Area?



A: Partially.

Area to the right of the white line is inside Cochise Planning Area.