

# *The Status of Potable Reuse in Arizona*

Presented by:

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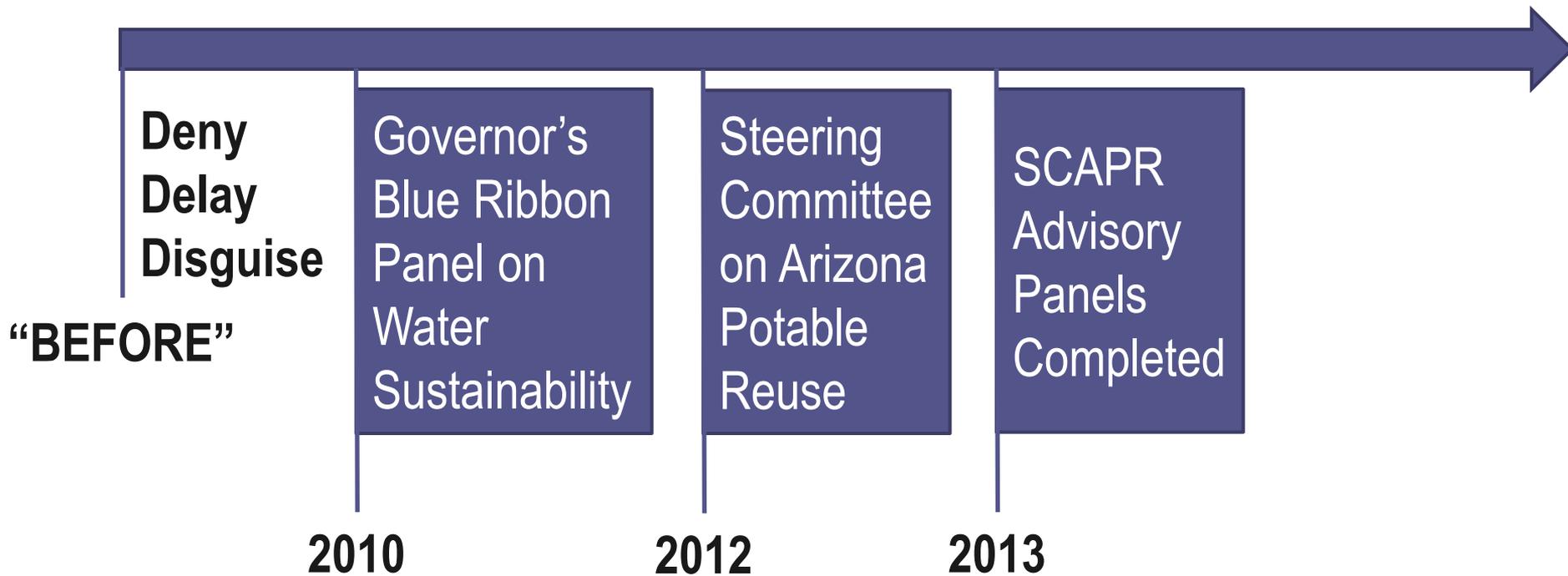
WaterReuse Arizona

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***Salinity Summit***  
***January 28, 2016***

# Potable Reuse in Arizona - A Continuing Conversation

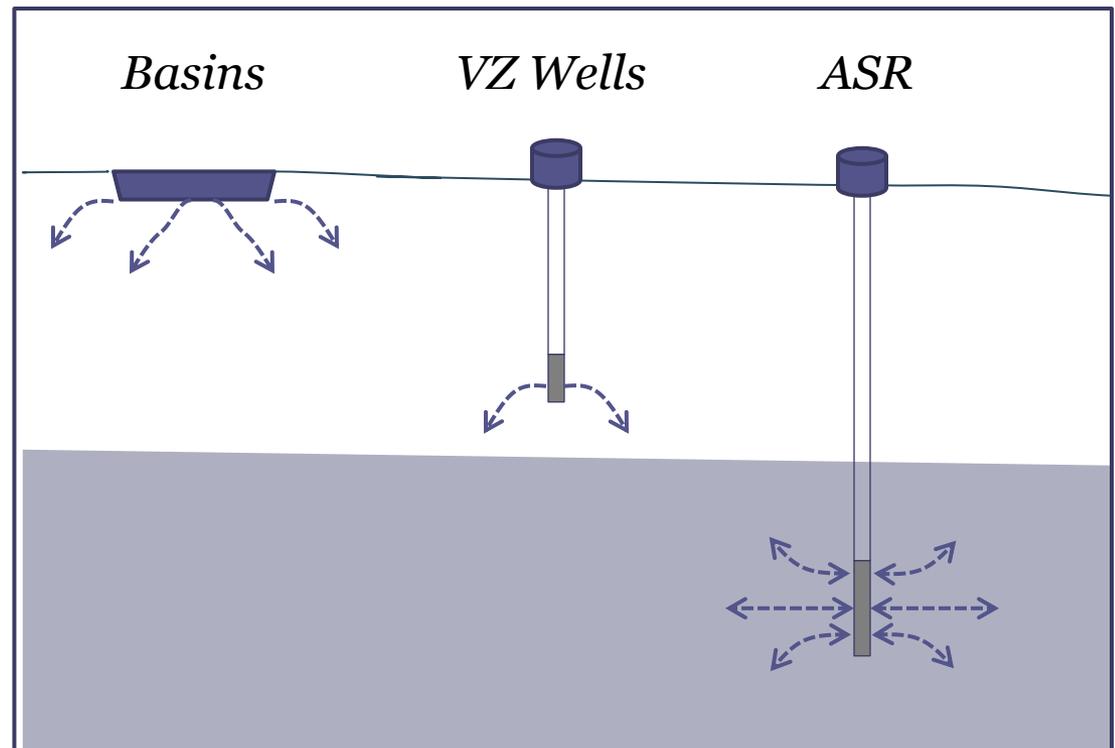


# Phase I Key Outcomes

1. Potable Reuse is “on the table” in Arizona
2. IPR projects are in place – and more on the way
3. A flexible regulatory framework is needed
4. Prime concerns:
  1. Unregulated contaminants
  2. Process monitoring/reliability
  3. Brine management / avoidance
  4. **Defining “safe”**

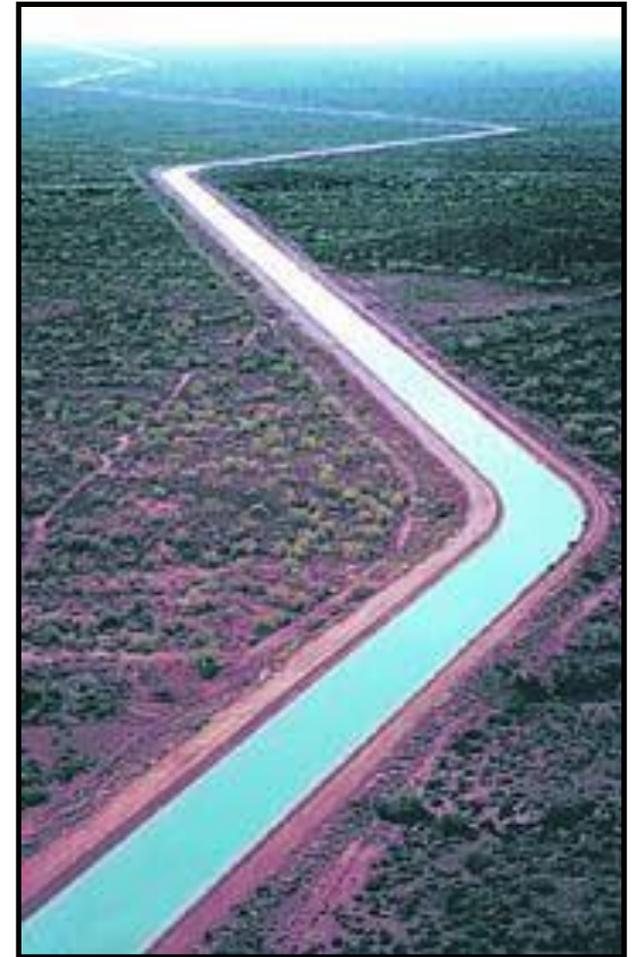
# White Paper Themes (1 of 3)

- IPR in Arizona through **aquifer recharge** is ongoing, safe, and a critical water management strategy



# White Paper Themes (2 of 3)

- IPR in Arizona through **surface water augmentation** is a potential future option that will require framework development

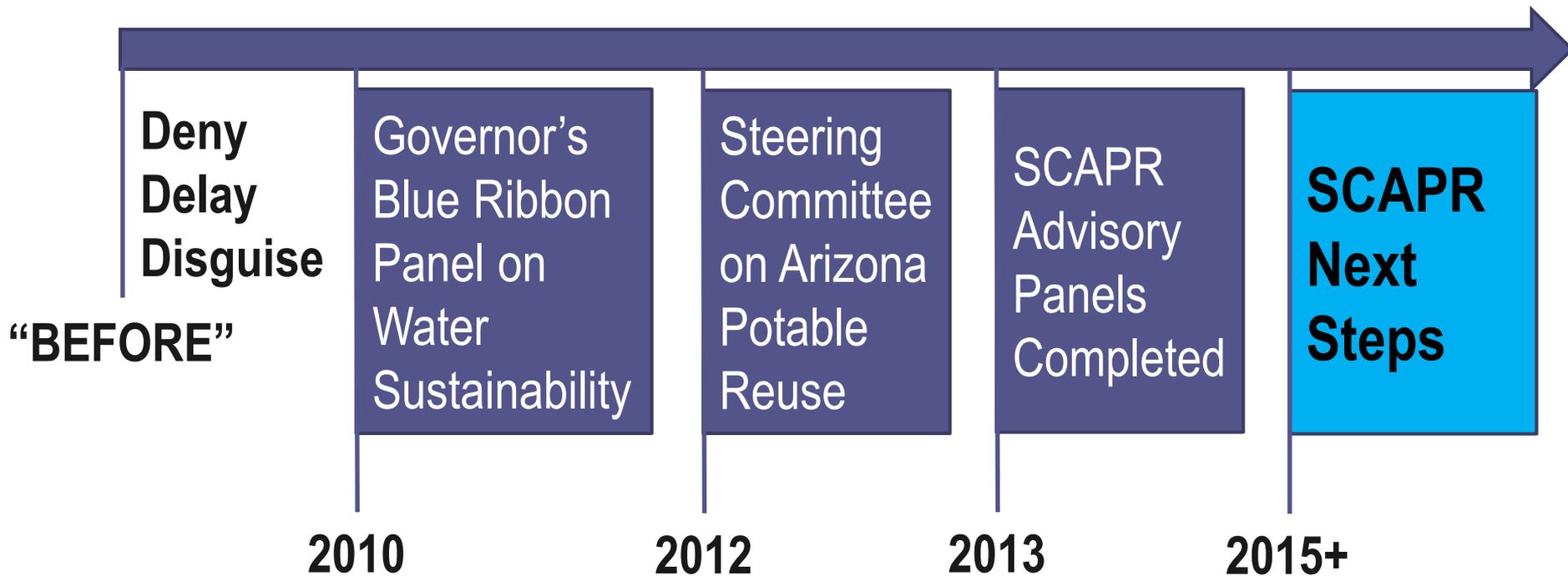


# White Paper Themes (3 of 3)

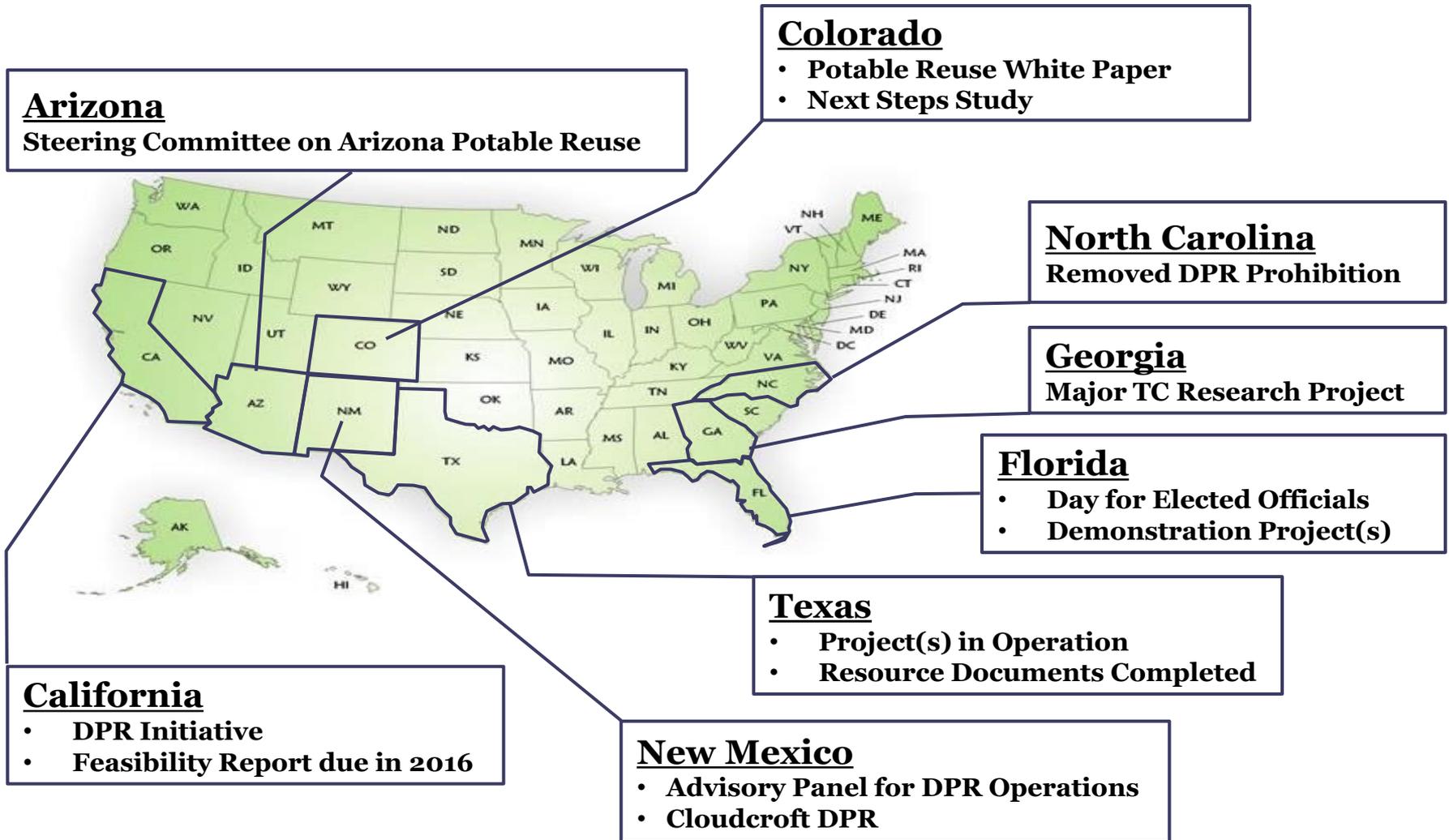
- **DPR in Arizona is currently prohibited**, and a robust framework must be developed to allow implementation



# Potable Reuse in Arizona - A Continuing Conversation



# Monitor Advances



# Keep Up with Technology

- RO and Non-RO Treatment Configurations
- Brine Management
- Critical Control Points
- Real-Time Monitoring
- Dilution/Blending
- Natural and Engineered Storage

# Address Implementability

- Operator Training and Certification
- Community Capacity
- Funding



# Develop Resources for CEC's

- **Central clearinghouse for information**
- **Better understanding of risk**
- **Clear and consistent messages**

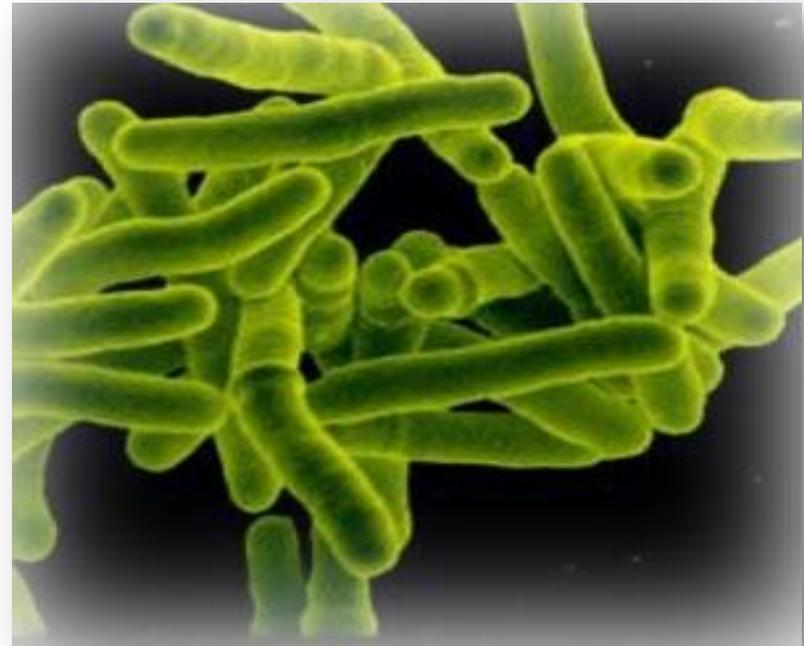


# Develop DPR Framework

## Decisions....

- Virus/Giardia/Crypto/Coliform
- Monitoring/CCP
- Diluent

Proposal: WRRF Tailored  
Collaboration (2016)



# Continue the Conversation

- **Communications strategy development**
- **Continuous, factual information**

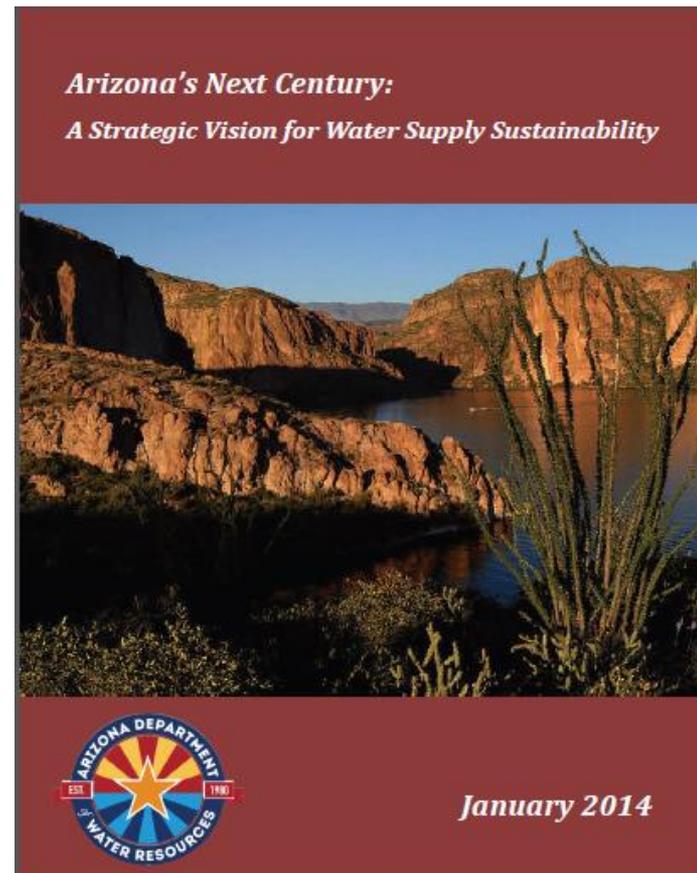


ARIZONA  
FORWARD

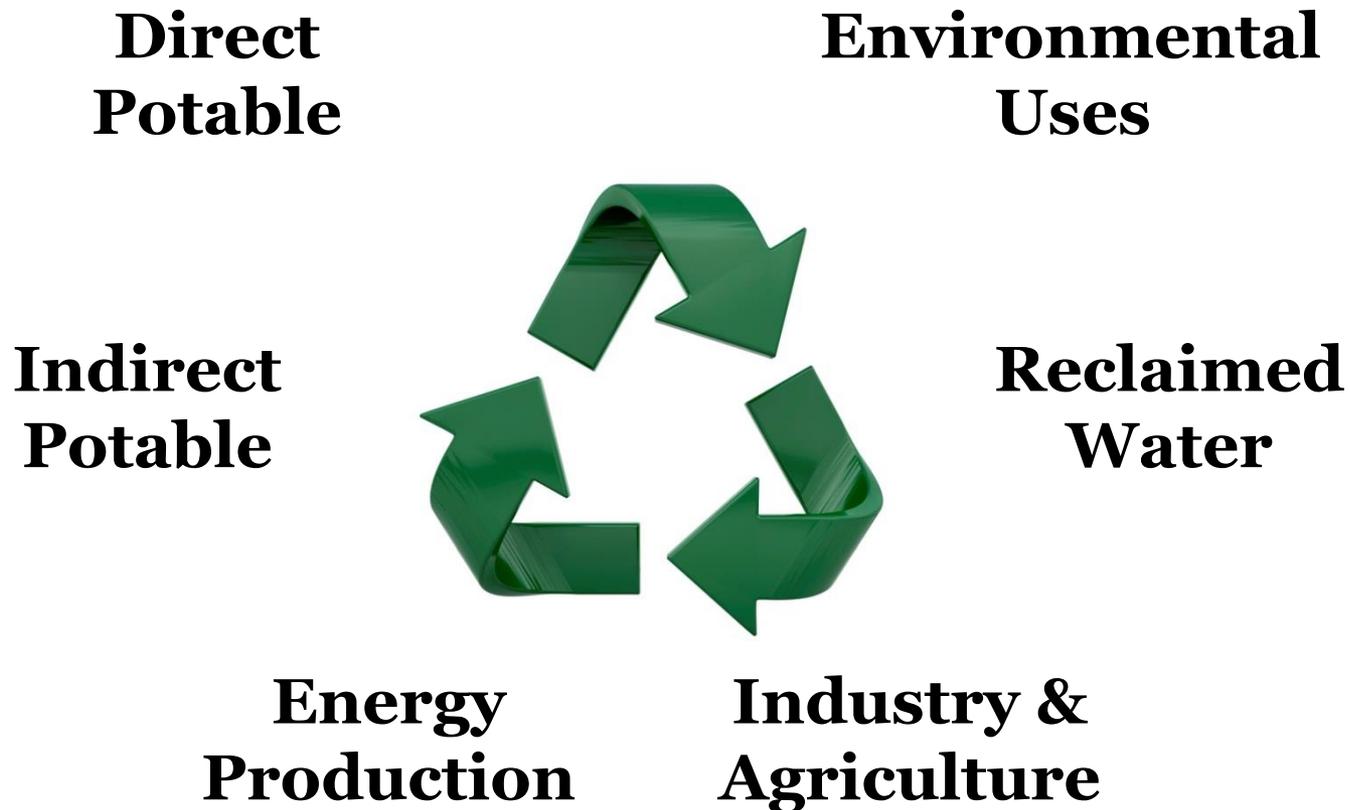


# Focus on Solutions

- The need within 25-100 years is **0.9 to 3.2 MAF**
- “As demands increase and water supplies become more stretched, the need to explore and invest in **direct potable reuse for drinking water supplies will become necessary.**”



# Recycled Water in Arizona: Right Water for the Right Use



# AZ Work in Progress

ADEQ Reuse Rulemaking: First Listening Session

February 12, 2016, from 1:00 – 3:00 pm

Pima County Agua Nueva Wastewater Reclamation Facility

Radon Room, 2955 W. Calle Agua Nueva, Tucson, AZ 85745

You can also find information at ADEQ's website:

<http://www.azdeq.gov/environ/water/permits/reuserulemaking.html>