



Presented by:

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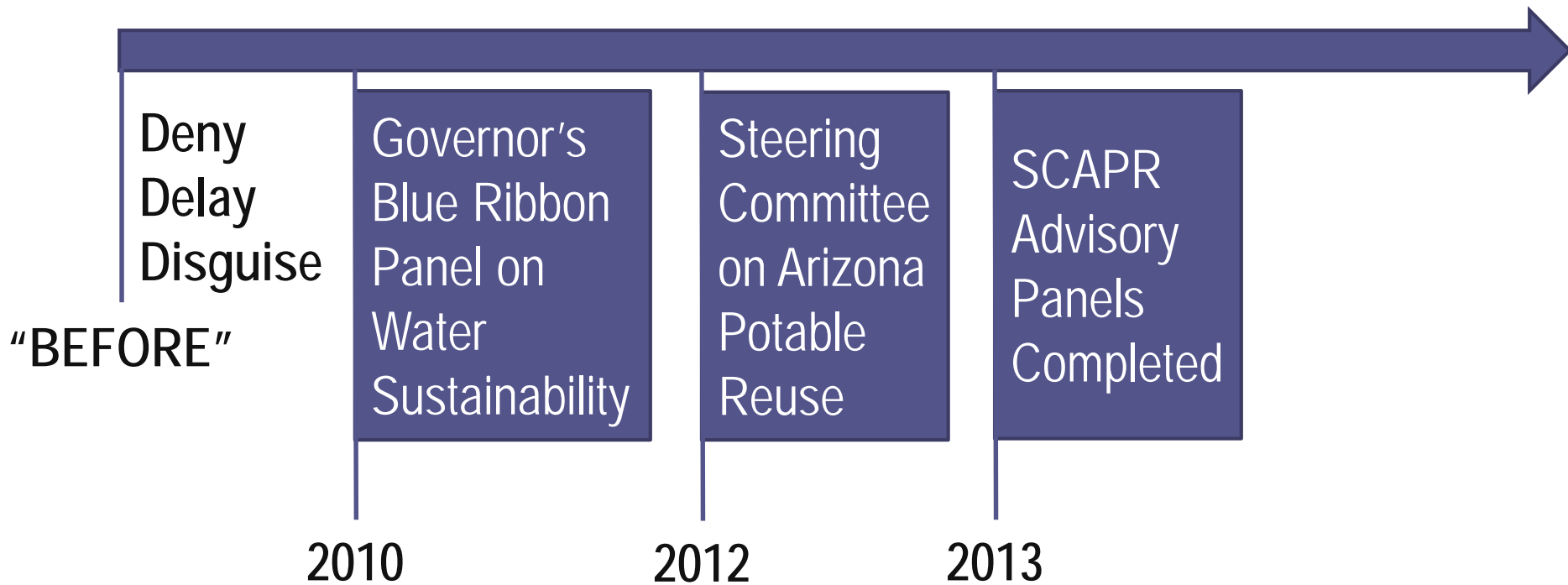
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An Update on the Steering Committee on Arizona Potable Reuse (SCAPR)

July 28, 2015



Potable Reuse in Arizona - A Continuing Conversation

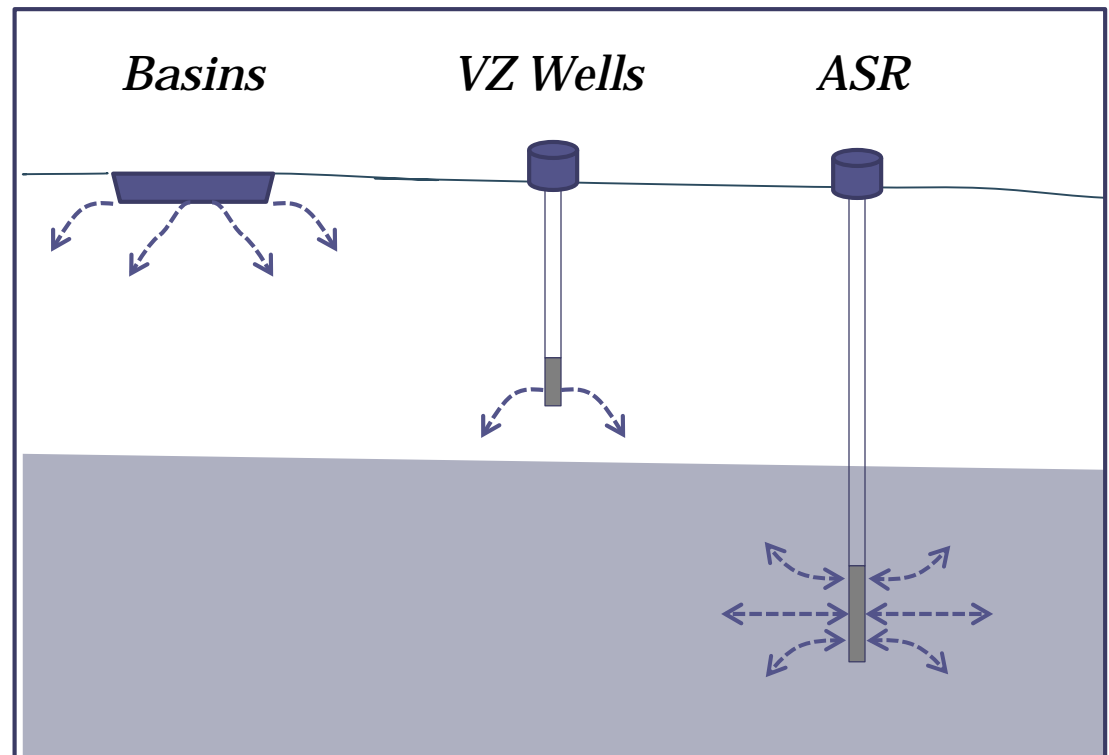


Phase I Key Outcomes

1. No AZ community is currently developing DPR, but
2. Potable Reuse is “on the table” in Arizona
3. IPR projects are in place – and more on the way
4. Technology is not the major obstacle
5. Best practices for public communications were identified
6. A flexible regulatory framework is needed
7. Prime concerns: unregulated contaminants, process monitoring/reliability, brine management, & **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

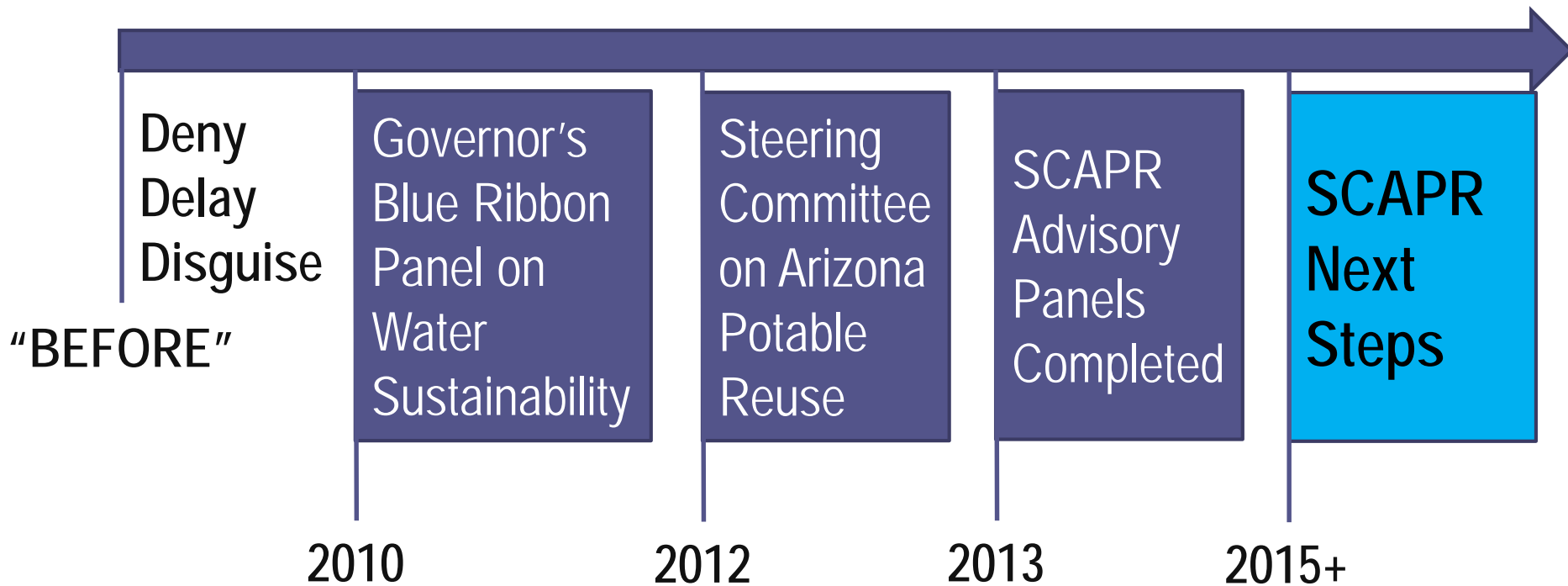


White Paper Themes (3 of 3)

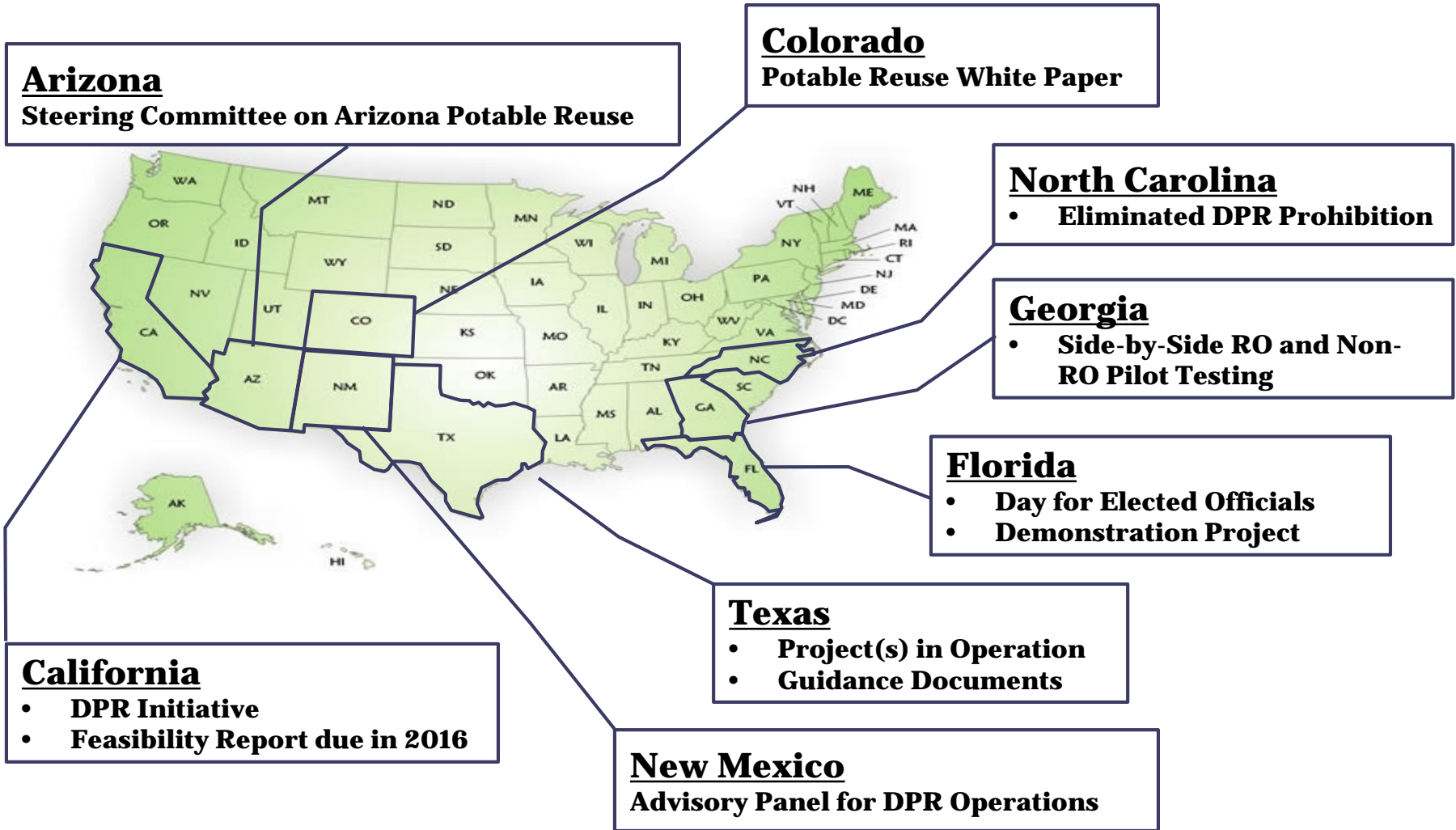
- **DPR in Arizona is currently prohibited, and a robust framework must be developed to allow implementation**



Potable Reuse in Arizona - A Continuing Conversation



Track Similar Efforts



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**

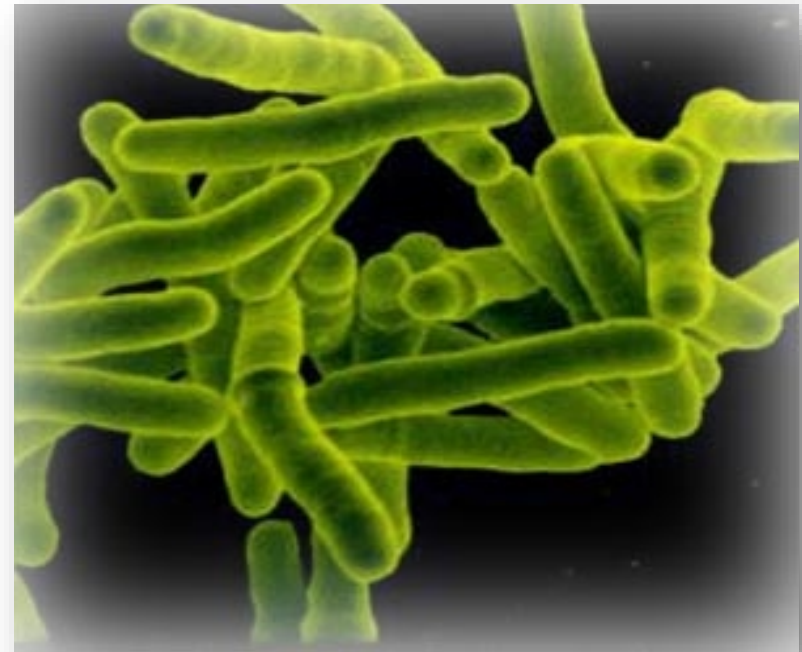


Develop DPR Framework

Decisions....

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

**Proposal: WRRF Tailored
Collaboration (2016)**



Continue the Conversation

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

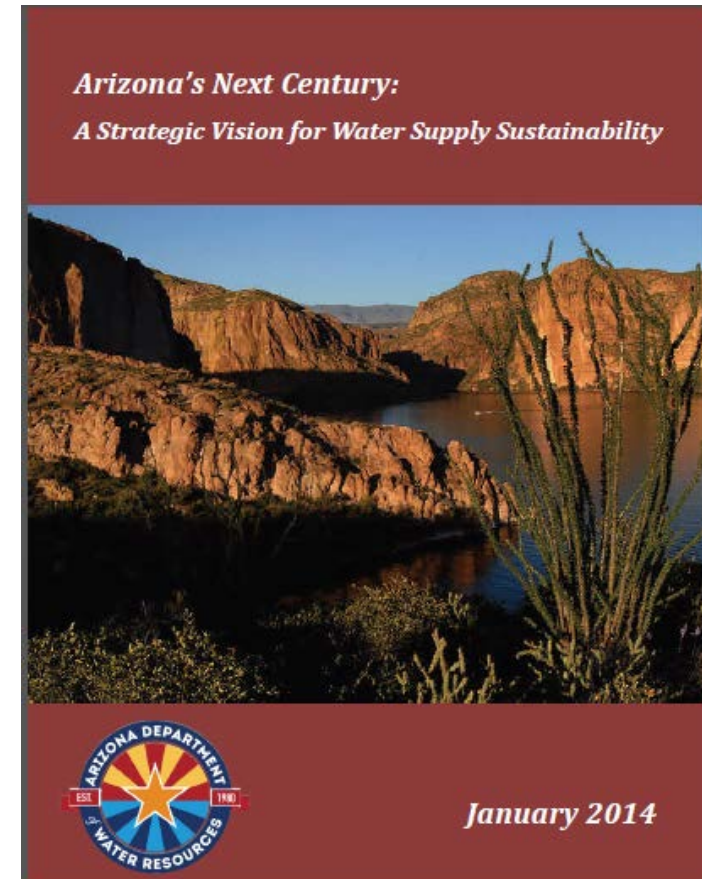


ARIZONA
FORWARD



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

