



One Water and Stewardship Committee

Future Supply Actions Funding Program Update

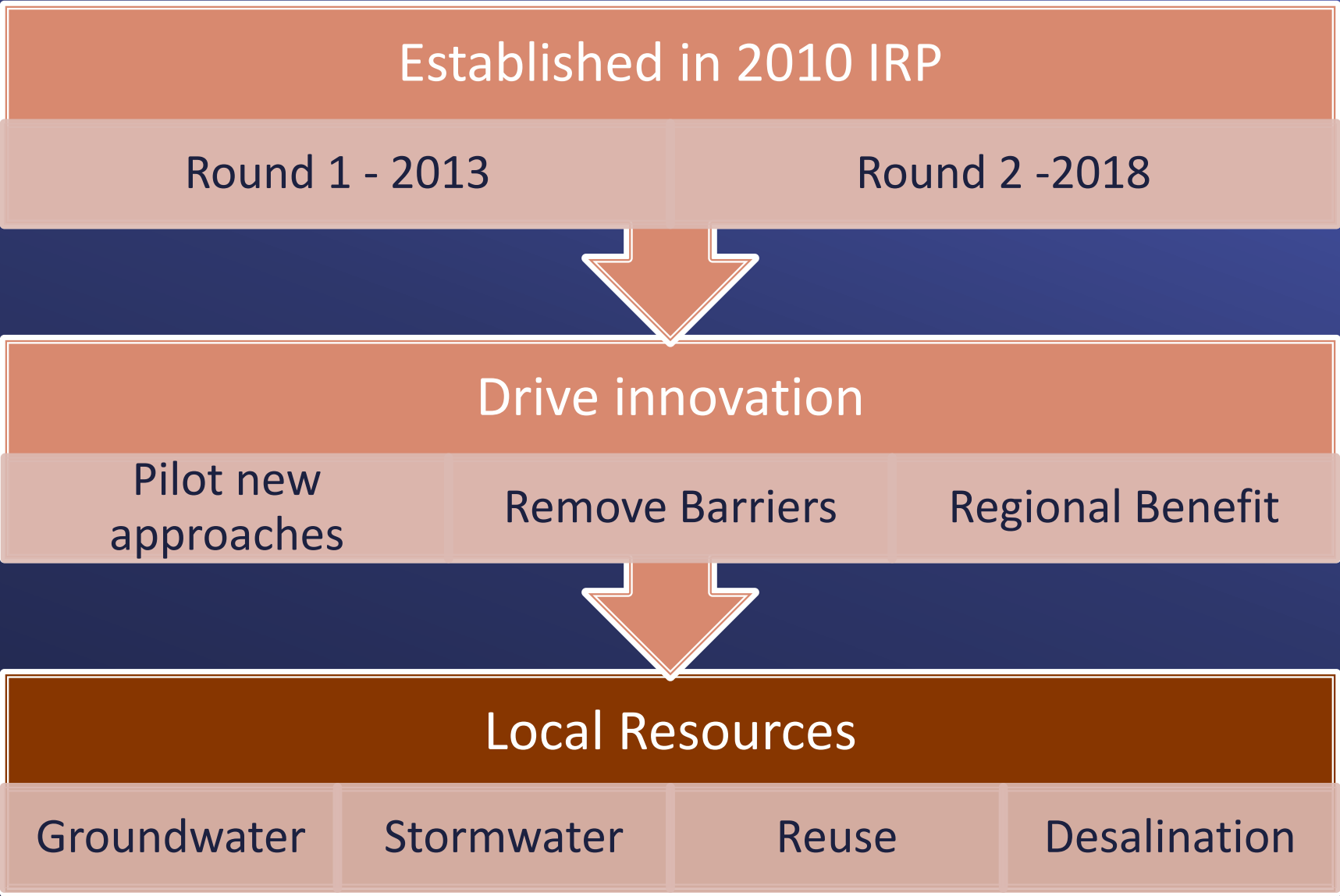
Item 6b

September 11, 2023

Overview

- Background
- Future Supply Actions Funding Program
- Proposed Future Rounds
- Next Steps

Background



Foundational Action Funding Program

Round 1

- Approved in 2013
- Funded 13 studies
- \$2.9 million invested
- Technical conference ~230 participants



Groundwater

- 4 studies
- 6 agencies
- \$980,000



Recycling

- 5 studies
- 10 agencies
- \$770,000



Desalination

- 2 studies
- 2 agencies
- \$300,000



Storm Water

- 2 studies
- 2 agencies
- \$810,000

FSA Funding Program

Round 2

Member Agency

- 14 studies
- \$3.1 million


Water Research Foundation

- 6 potable reuse studies
- 1 agricultural reuse study
- \$975k

WRF – Webcast 9/26/2023

LAS VIRGENES MUNICIPAL WATER DISTRICT

ARTIFICIAL INTELLIGENCE STUDY



Future Supply Actions Program Webinar Series


Learn more about the implementation of Artificial Intelligence and Machine Learning control algorithms that Las Virgenes Municipal Water District and Carolla Engineers are using to reduce energy consumption in water reuse. Learn from the study partners as they demonstrate the use of these new technologies to improve advanced treatment processes and create a more reliable water supply.

PREPARING FOR Tomorrow, TODAY

Thursday, March 23, 2 p.m.

[Click here to register for the webinar](#)

To learn more about the Future Supply Actions Program, visit www.mwdh2o.com/fsa



FSA Example Studies

www.mwdh2o.com/FSA



Groundwater

Calleguas MWD – Groundwater Utilization Pilot Study



Recycled Water

Las Virgenes MWD – Application of AI / Machine Learning to Advanced Water Treatment for IPR



Seawater Desalination

SDCWA – Wedgewire Screen Pilot study



Stormwater

MWDOC – Smart Watershed Network Pilot

FSA Core Program Elements



Up to \$500k per member agency or per study



100% dollar-for-dollar match



2-year studies



Selected through RFP



Studies must meet minimum criteria



Selected by expert panel

Proposed Changes for Next Rounds

Goal: Align program
implementation with
available funding
and staff resources

Example Frequency



- More frequent funding
- Funds a similar number of studies
- FSA budget of \$3 million / two years

Proposed Administrative Changes



Agreement Streamlining

- No retention
- One year extension provision



Member Agency Partnerships

- 5% scoring benefit
- 3 or more MA partners required

Final Hybrid Symposium



MA Feedback

August MAM – 8/3/2023

- Agreement administration
- Partnership scoring bonus

MA Workshop - 8/23/2023

- 41 participants
- Opening agreements to sub-agencies
- Round 3 theme

Next Steps

Incorporate Feedback

October Board: Authorize Program

Issue RFP: 6 weeks

Expert Review and Study Selection

2024 Q1 Board: Fund Studies

