



State Water Board Division of Financial Assistance Recycled Water Funding



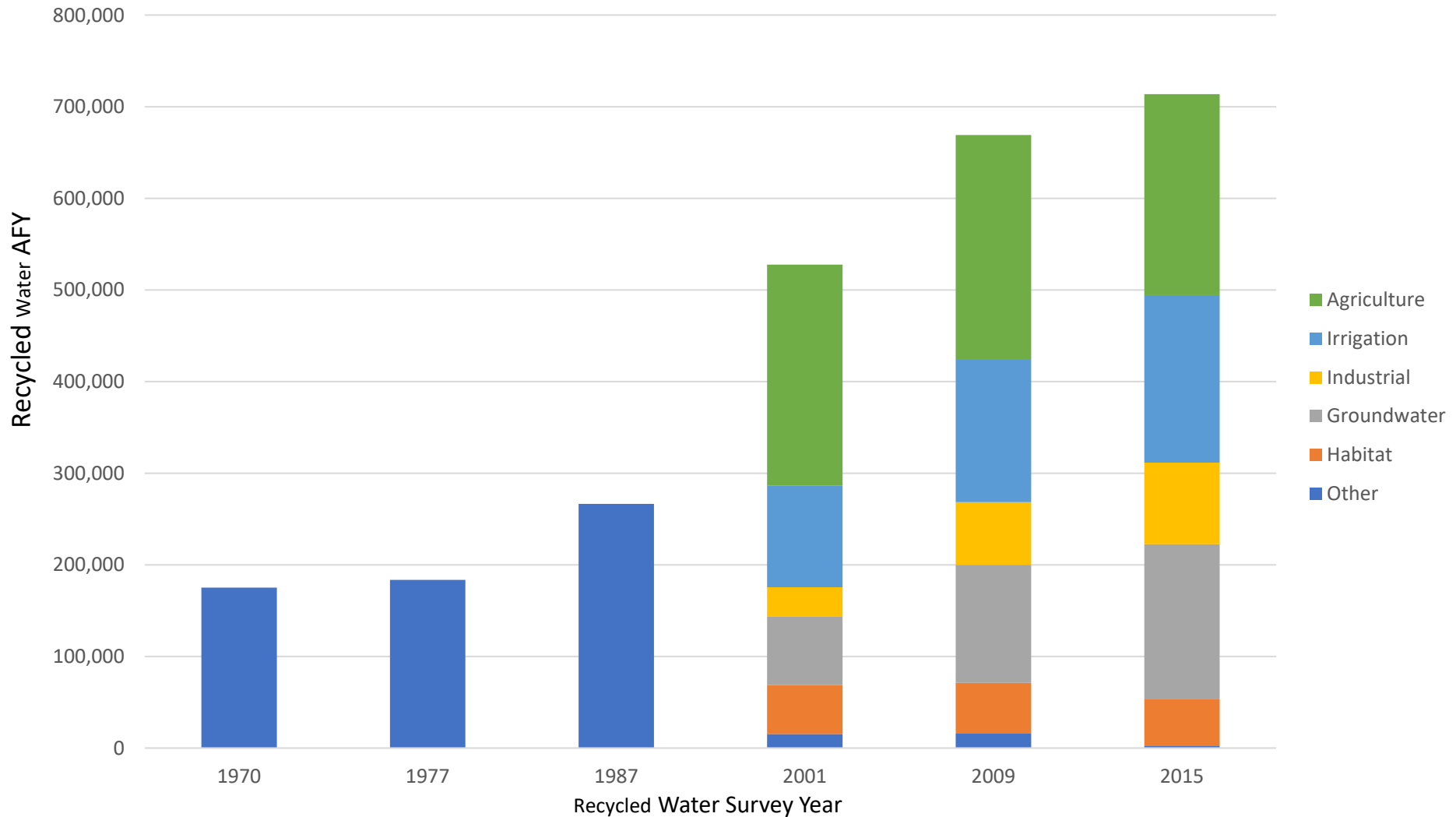
Brazilian Association of Sanitary
and Environmental Engineers

June 7, 2018

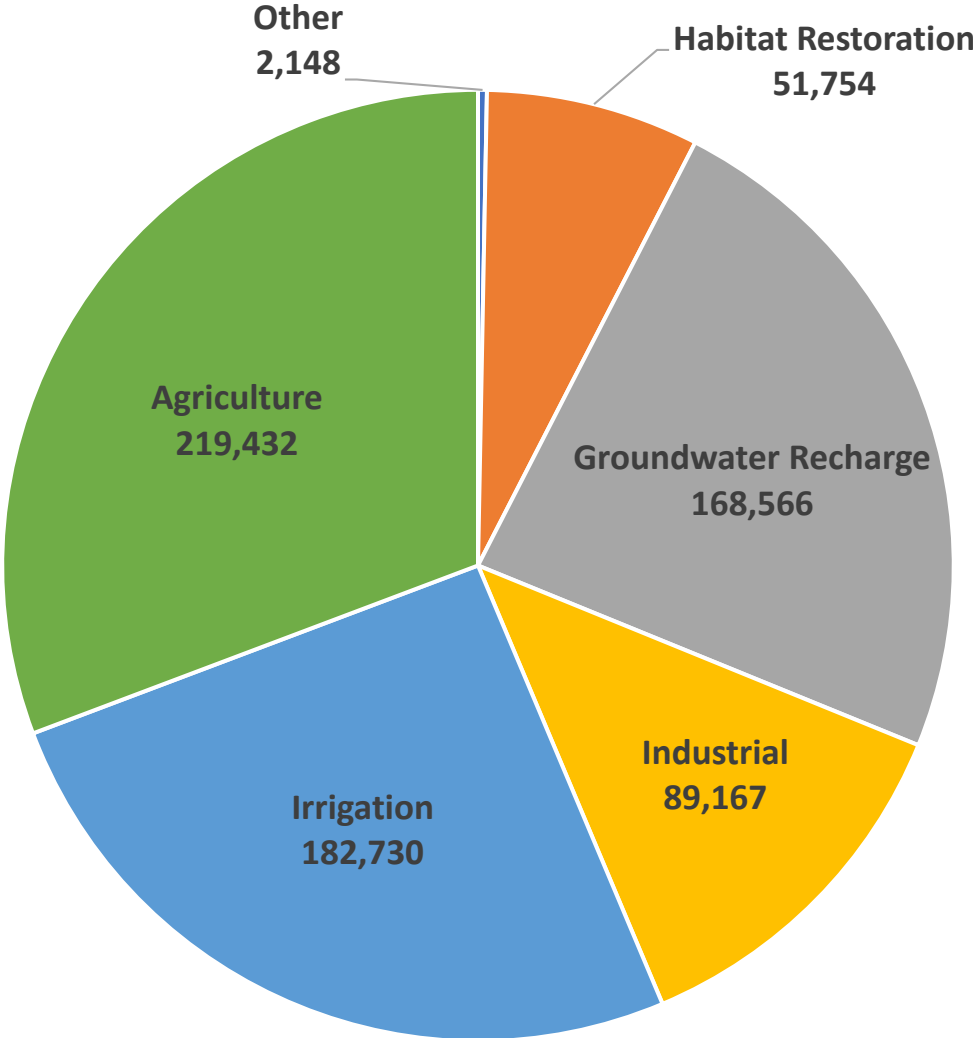
Christopher Stevens, PE

State Revolving Fund & Water Recycling
Funding Program Section Chief

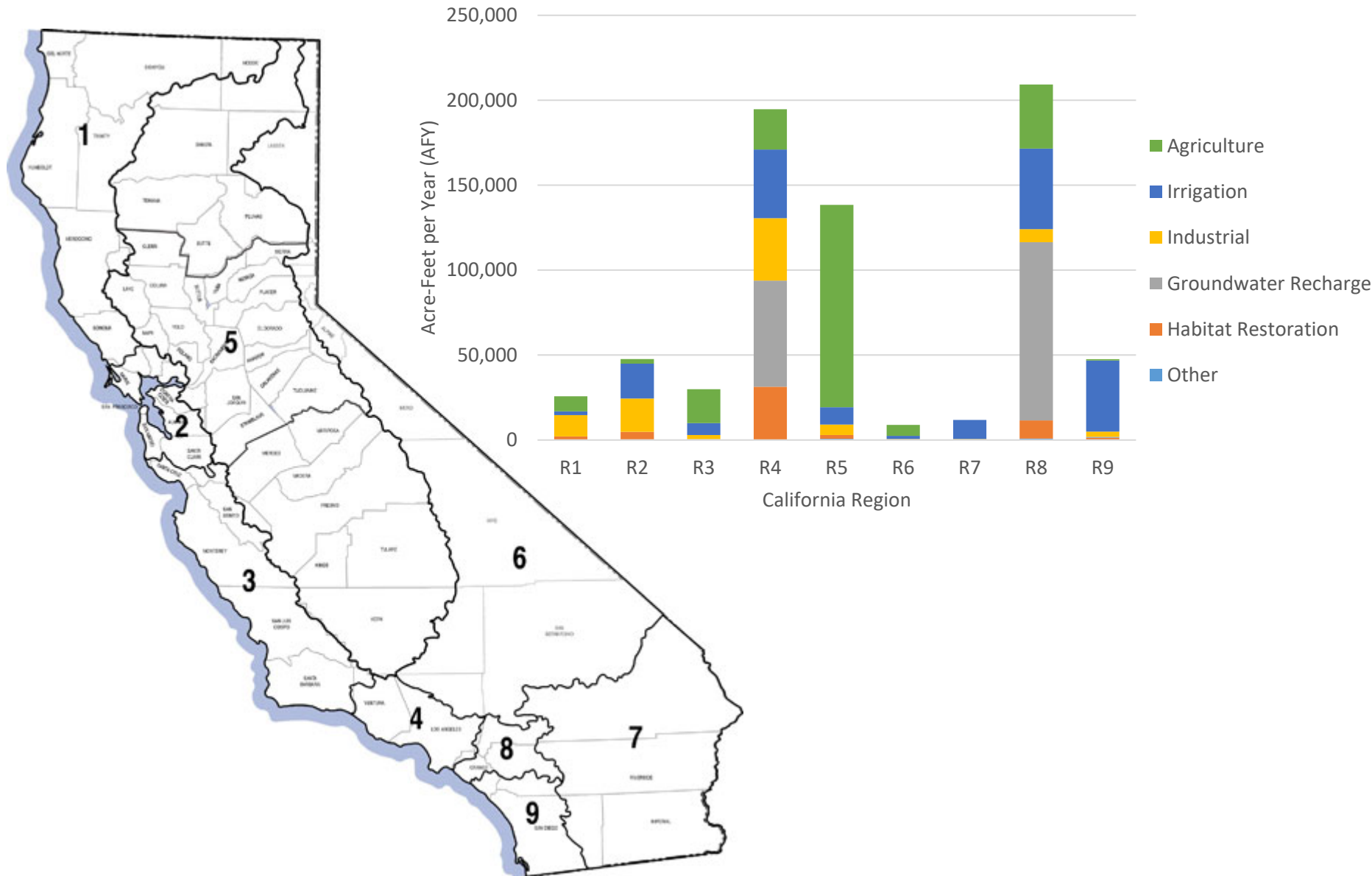
CA Recycled Water Use Since 1970



2015 Recycled Water Use: 714,000 acre-feet/year



2015 Recycled Water Use By Region



Water Recycling Funding Program (WRFP)

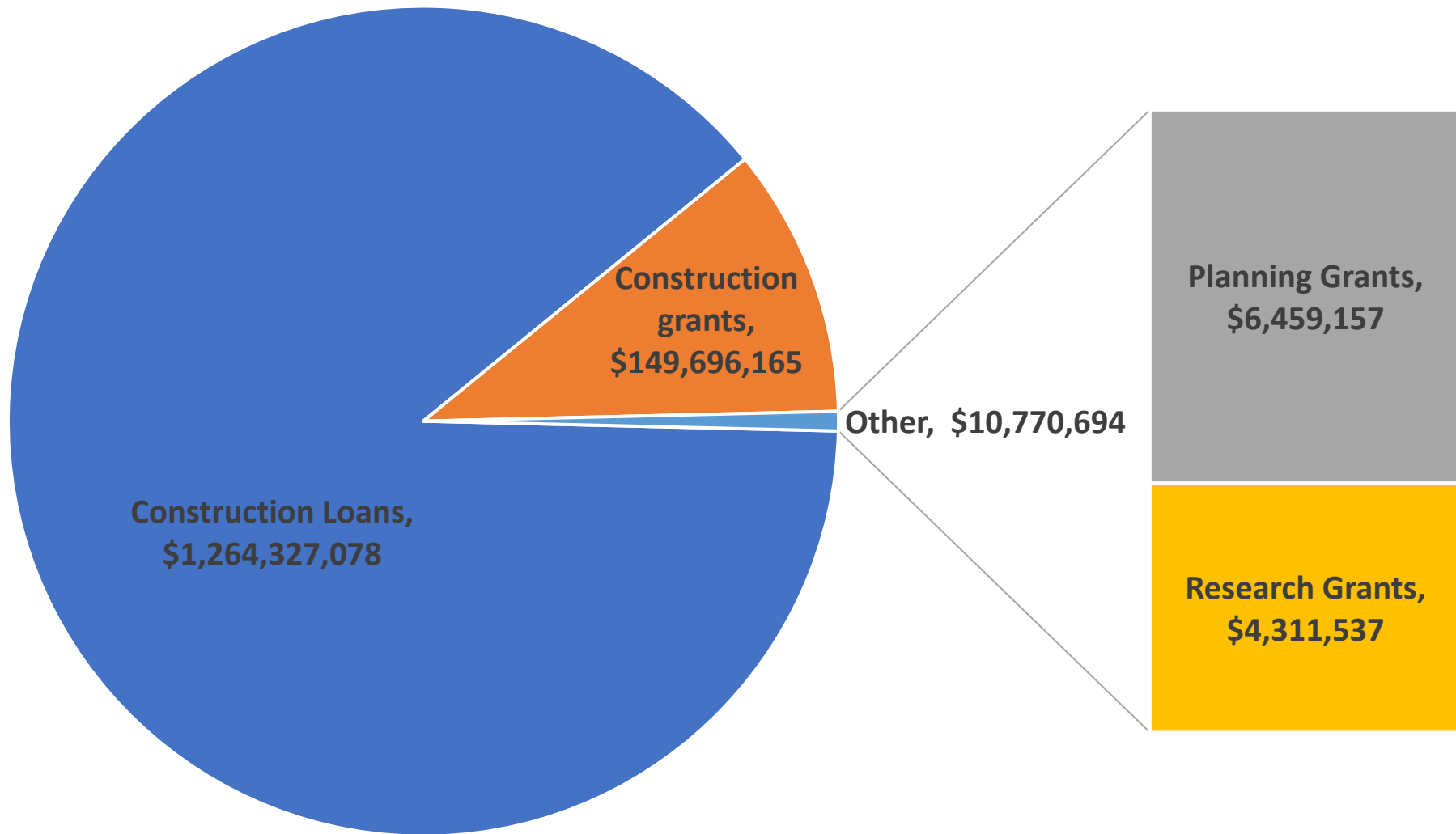
Clean Water State Revolving Fund (CWSRF)

- Began funding in 1989
- Loans & Loan Forgiveness
- Construction Projects

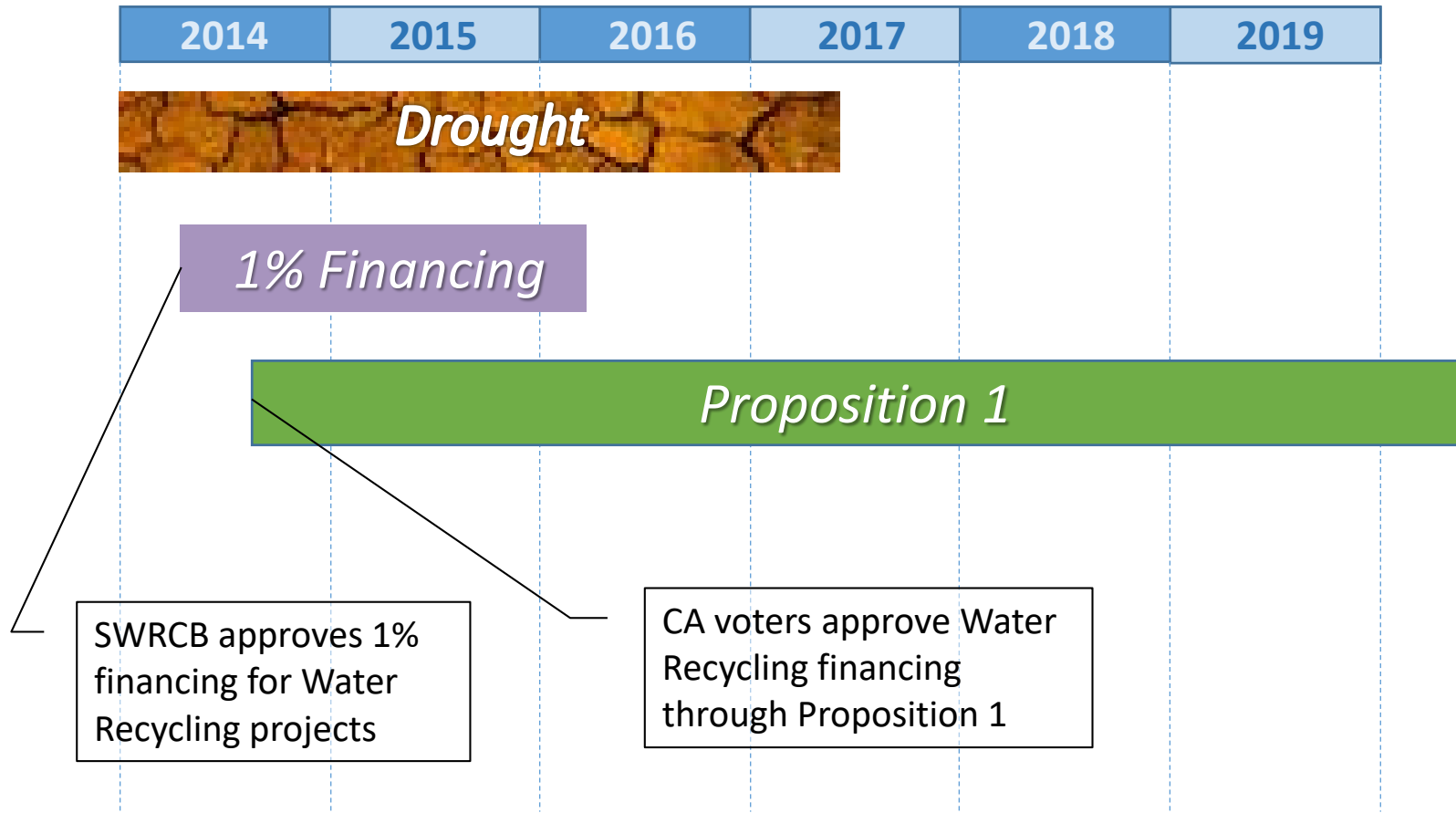
Voter Approved State Bond Funds

- Grants & Loans:
 - Construction Projects
- Grants:
 - Planning
 - Research

\$1.42 Billion Funded From 1978- Dec 2013



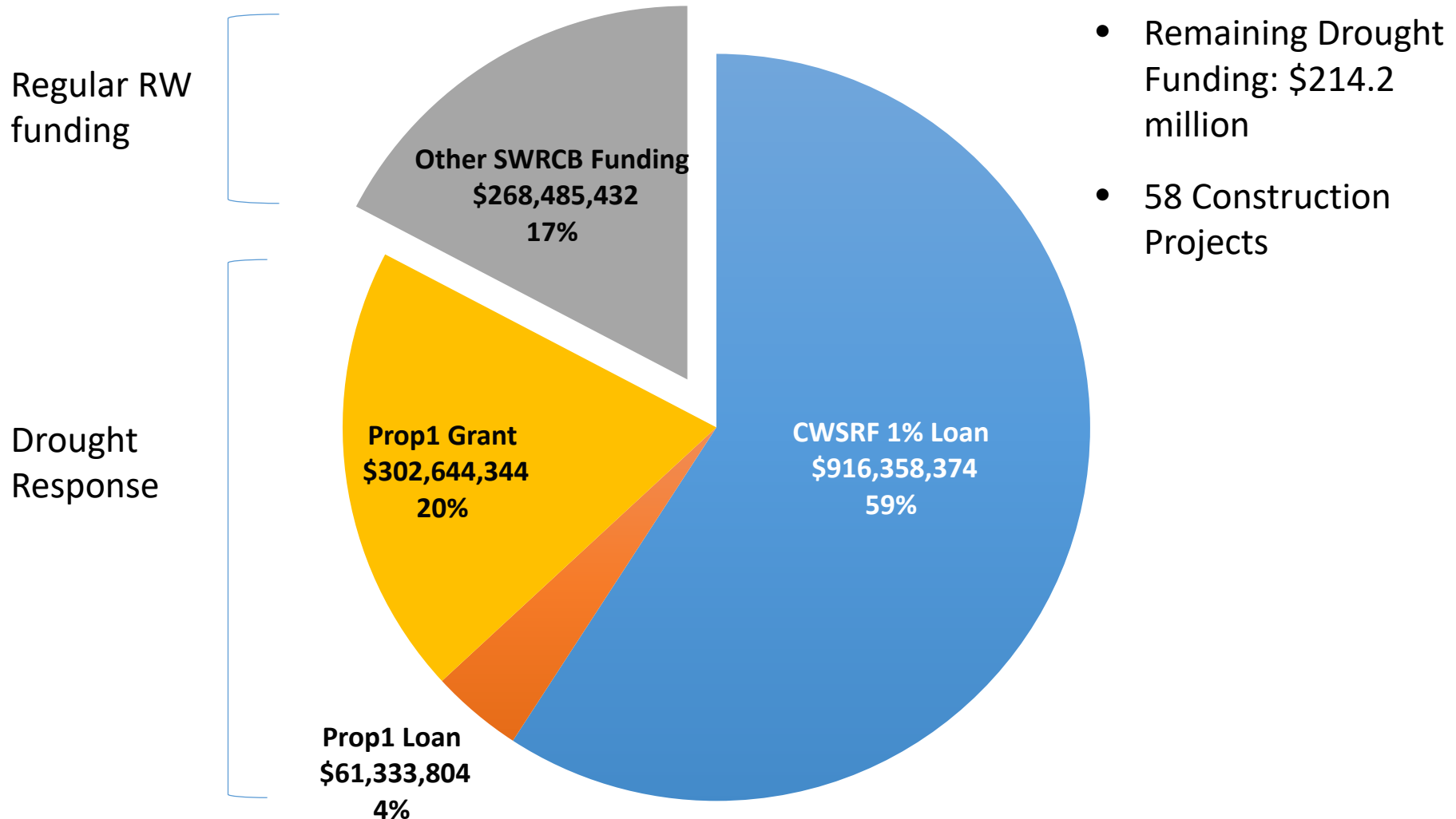
Response to California Drought



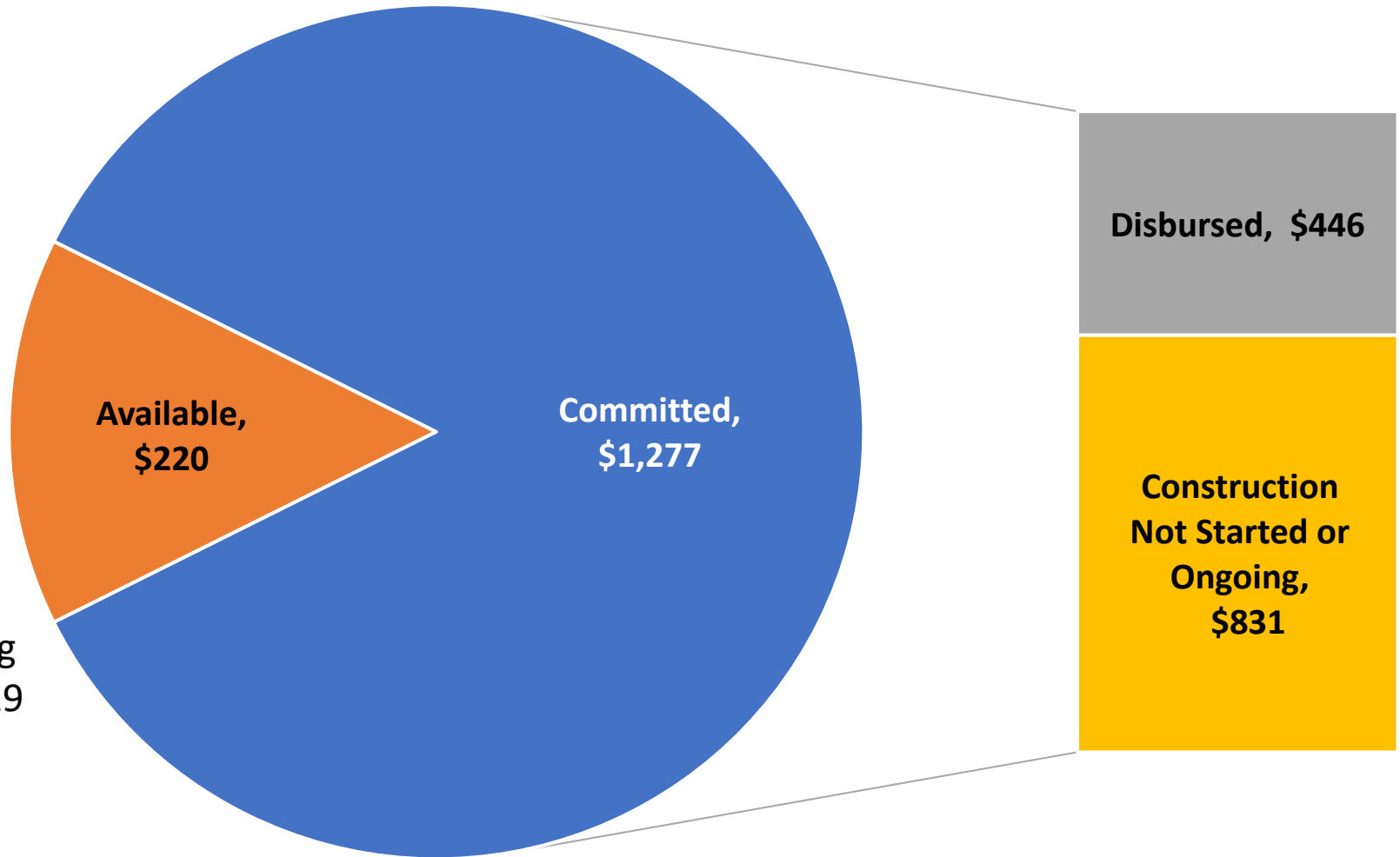
WRFP - Drought Response

- Proposition 1 - \$581.25 million
 - \$312.5 million for construction grant
 - \$256.25 million for construction loan
 - \$12.5 million for research and development grants
 - Prop 1 Committed: \$361 million
 - Prop 1 Disbursed: \$104.5 million
- Low interest Loan (CWSRF)
 - 36 projects approved by State Water Board
 - Committed: \$915.6 million
 - Disbursed: \$341.6 million

\$1.55 Billion Funded from Jan 2014 - Mar 2018

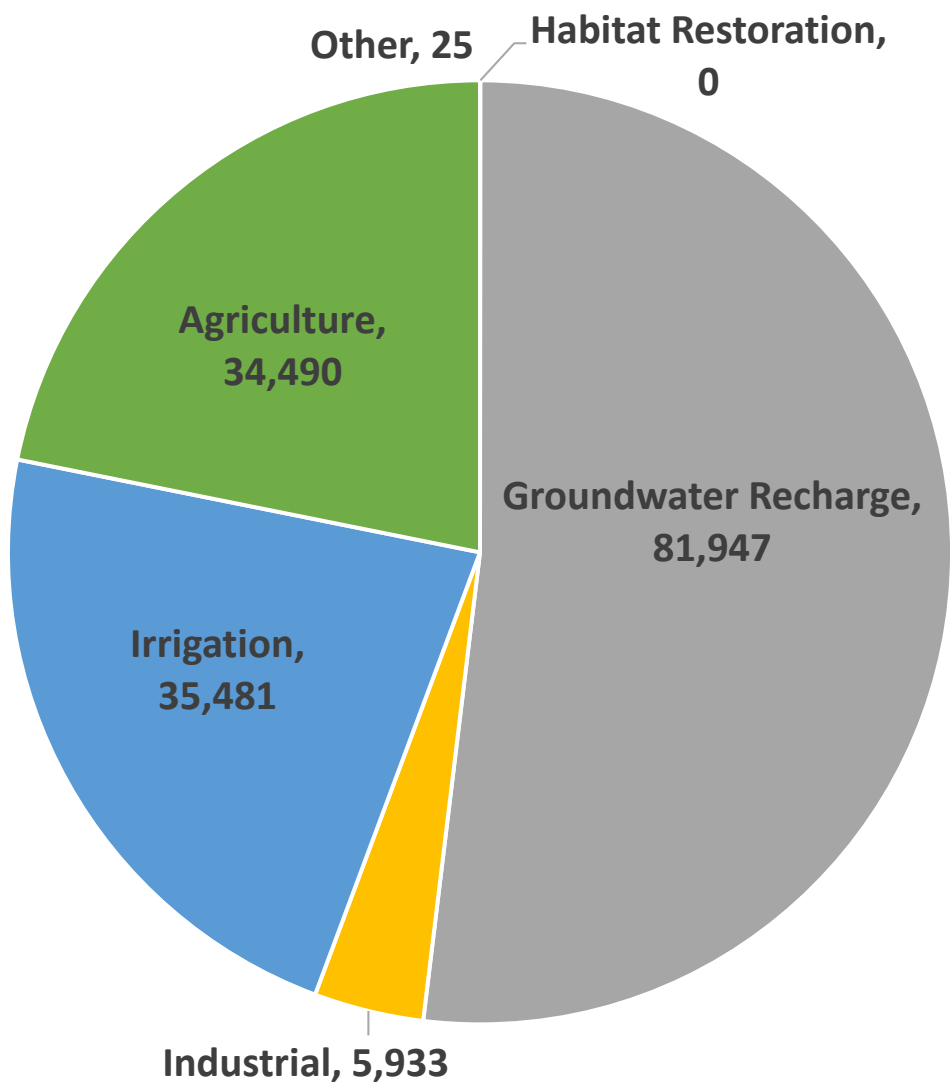


Recycled Water Financing Status (\$Millions)

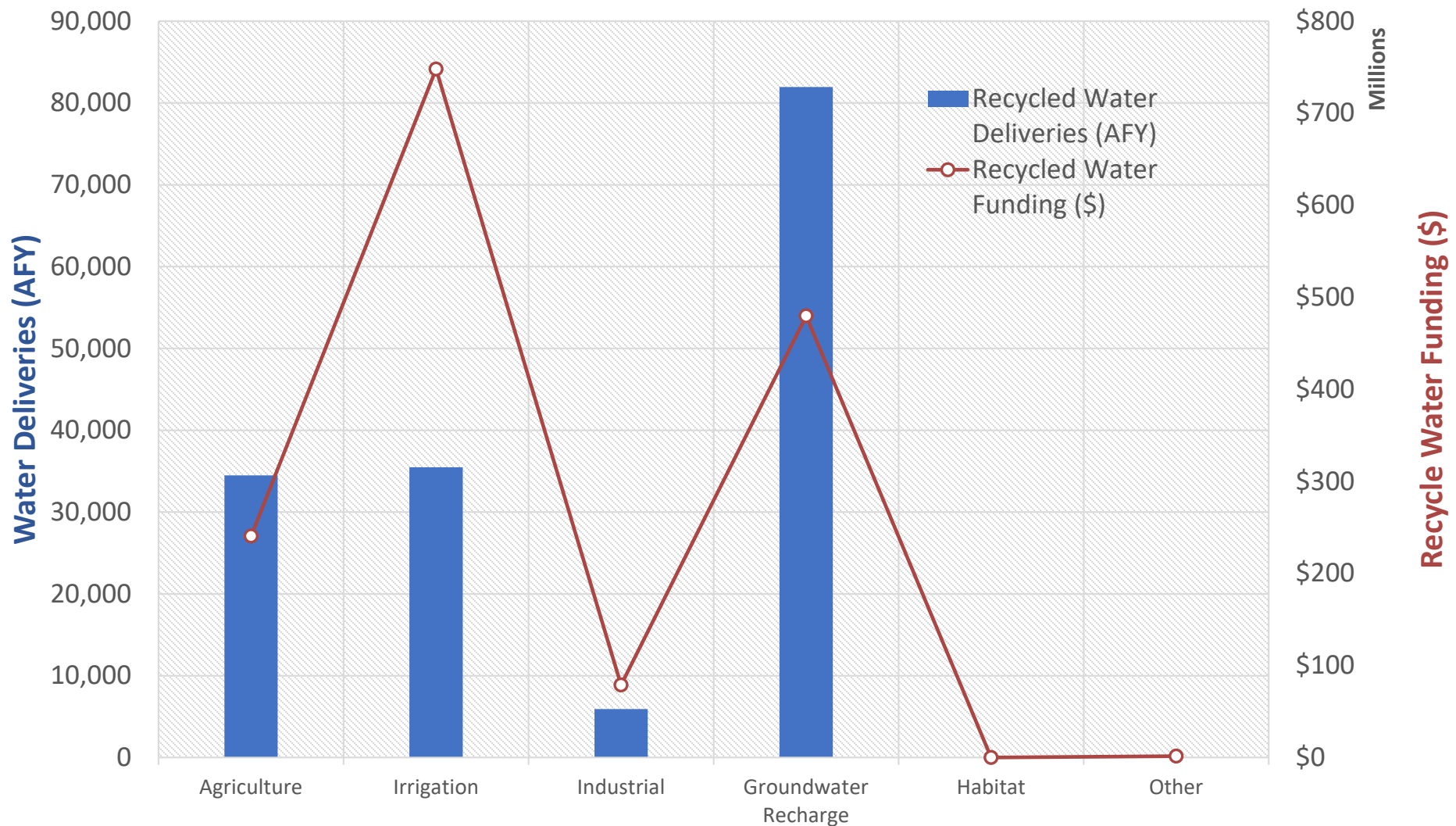


Anticipate
committing
by Jun 2019

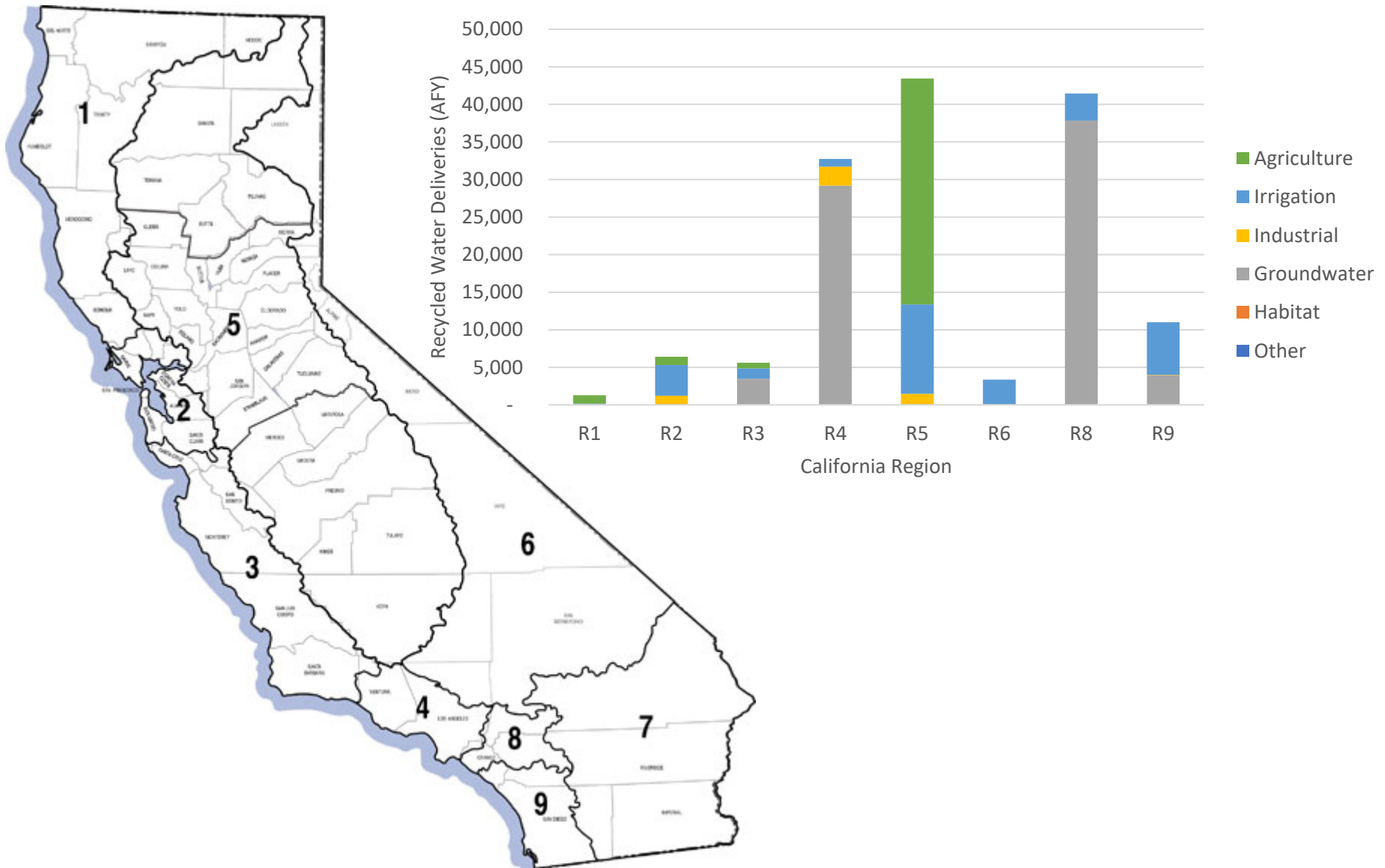
Proposed RW Deliveries: 157,876 acre-feet/year



Delivery and Investment vs. Use Category



Special Financing Water Use By Region



Future Funding

- Proposition 68
- November Ballot
 - \$400 Million Water Recycling
 - \$400 Million Desalination
- CWSRF

Challenges Associated with Water Recycling Projects

- Typically not technical
- Increased Demand for SRF
 - Competition for funds within the division
 - WIFIA
- Water Rights
 - Effluent to resource
 - Increased competition for water
 - Downstream user Rights
- Financing agreement terms
 - Tight schedules
 - Existing debt
 - Existing capital improvements

Contact Information

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