

Bureau of Reclamation
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**Water Treatment Innovation and Networking
Workshop 2019**



How Much Water Do We Use?



Source: Water Research Foundation, Residential End Uses of Water, Version 2. 2016

Introduction

- Less than 1% Freshwater
- Manage, develop, and protect water

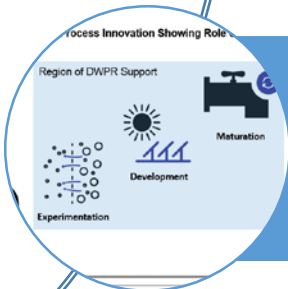
Research & Development Office



Science & Technology



Water Prize Competition Center



Desalination & Water Purification Research



Desalination & Water Purification Research Program

Research

- Research funding opportunity announcement
- Pitch to Pilot funding opportunity announcement

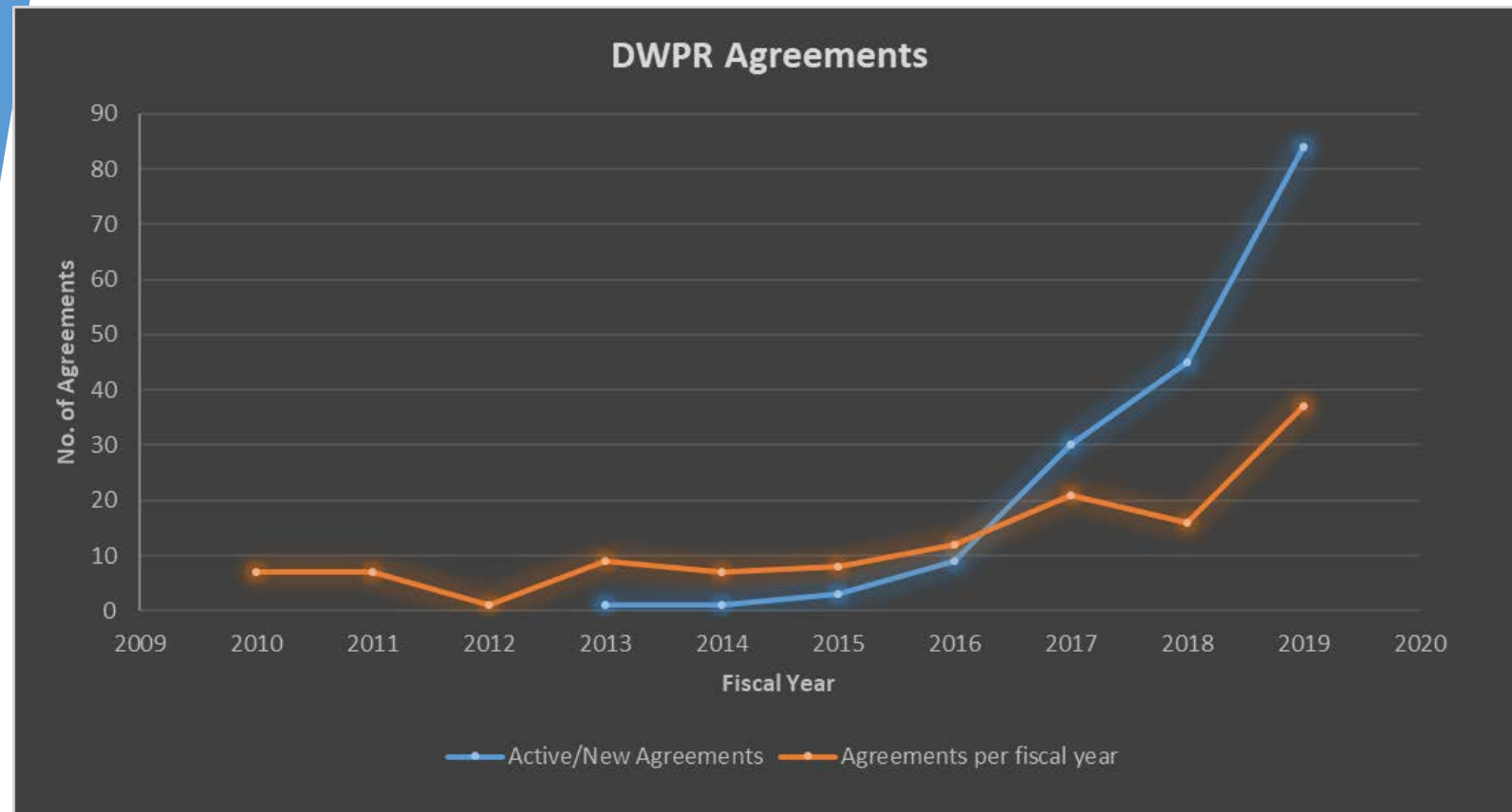
BGNDRF

- Supports the operation & maintenance of the Brackish Groundwater National Desalination Research Facility

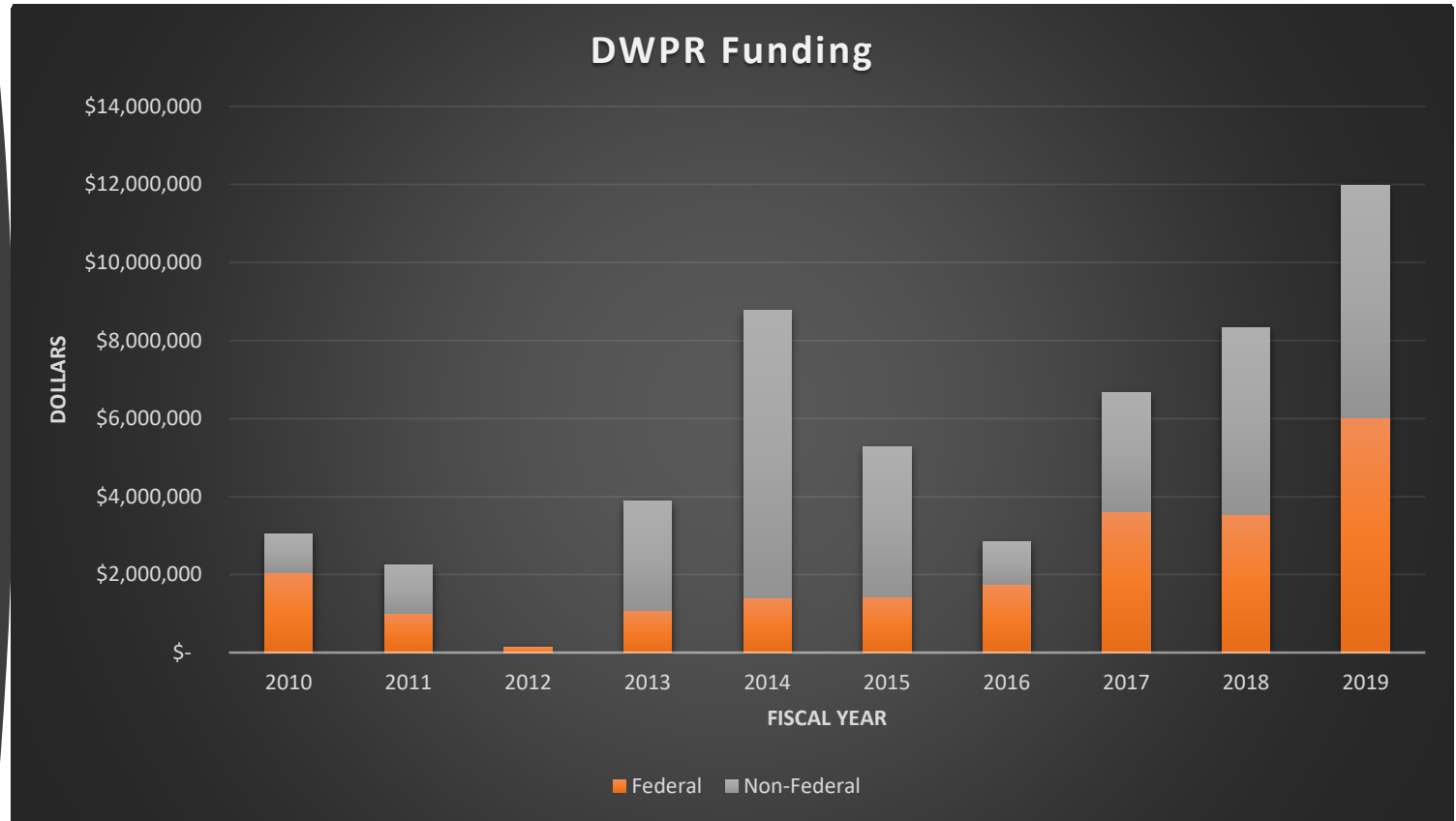
Partnerships

- Federal agencies, Academia, Non-Profit
- Utilities, Tribal organizations, Private sector

**Agreements
since 1996 –
Total 248**



**Federal
DWPR
Investment
since 1996 -
\$32,190,327**



In over two decades: ~\$78 million in research projects

In 2019: ~\$12 million across 37 new projects

Additional Reclamation Desal / Reuse Funding

- **Title XVI Water Reuse Research - \$1.5M FY16 and FY17. Funding Opportunity in FY19 with \$3M available – currently in process.**
- **WIIN Act Title XVI - \$50M total FY17 through FY19 appropriated for construction of Title XVI projects eligible under the WIIN Act amendments to the Title XVI Program.**
- **Title XVI - Since 1992, more than \$745 million in federal funding has been awarded to Congressionally authorized projects through the Title XVI Program and is being leveraged with non-Federal funding to implement more than \$3.4 billion in water reclamation and reuse improvements.**
- **WIIN Act Desalination Construction - \$30M total FY17 through FY19 appropriated for construction of ocean and brackish water desalination projects under the WIIN Act amendment to the Desalination Act of 1996.**

Brackish Groundwater National Desalination Research Facility

- Since 2017 the facility has been operating at full capacity



QUESTIONS

RECLAMATION
Managing Water in the West