This presentation premiered at WaterSmart Innovations

watersmartinnovations.com



How are my programs performing?

A.K.A.

Automating Water Savings Measurements Customized to the Unique Conditions at your Local Water Utility

Christopher Tull Project Manager, California Data Collaborative chris@argolabs.org

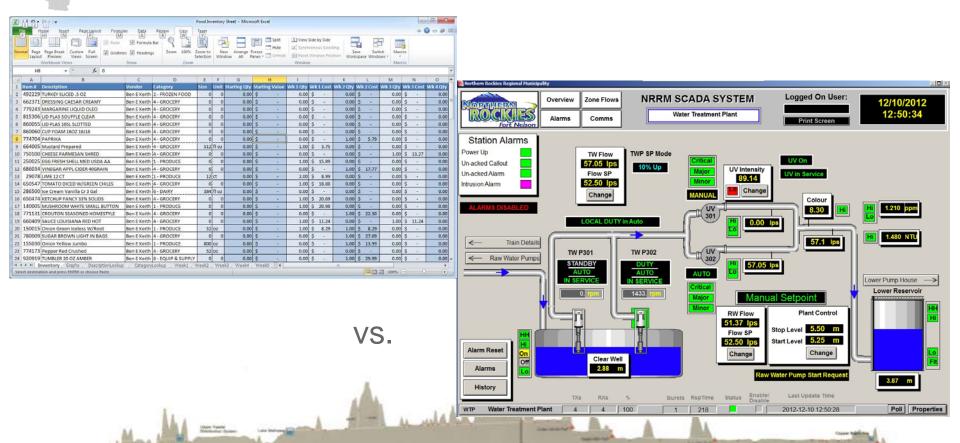
WaterSmart Innovations 3 October, 2019

What is the California Data Collaborative?

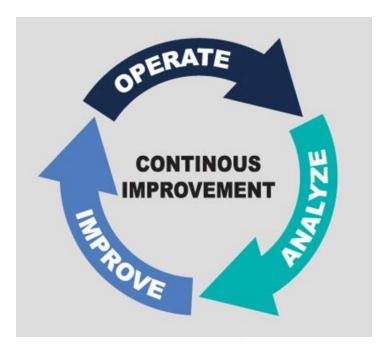
- Launched Jan 2016 by water agencies for water agencies.
- Goal: Leverage modern data science to ensure water reliability
- Operated as a 501(c)(3) public data infrastructure non-profit



Motivation: Situational Awareness



Motivation: Iterate and Improve



CALIFORNIA

COLLABORATIVE

DATA

- Reallocate funding from low to highperforming programs
- Target outreach to areas with low adoption or above-average savings
- Learn from under and overperforming customers
- Change requirements and eligibility



Goals

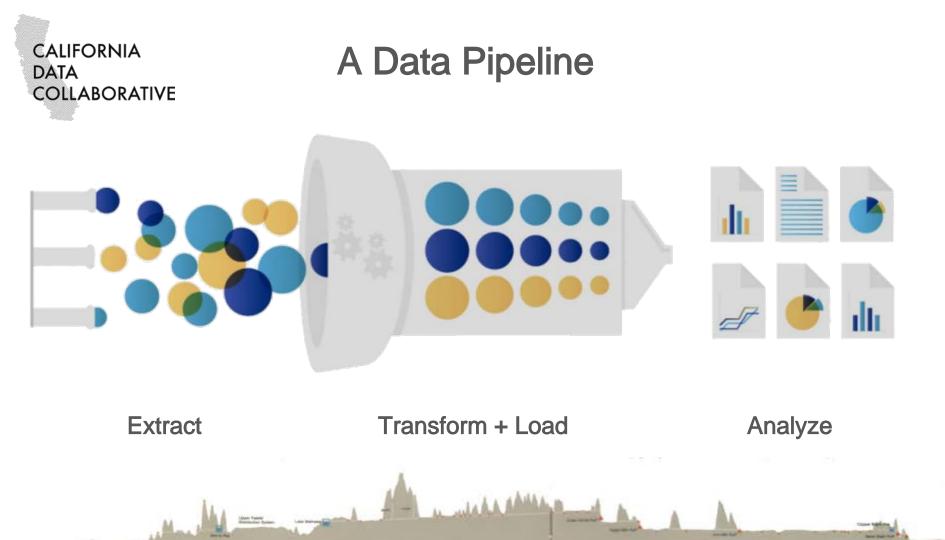
- Automation as a way to simplify (do the work once)
- Track various measures of program success
- Use knowledge gained to iterate and improve

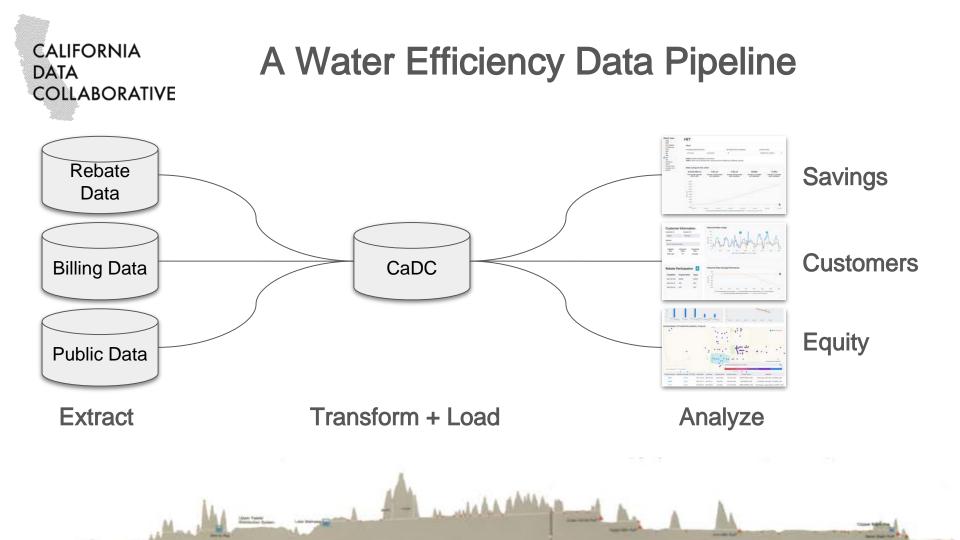


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Elements of Success

- Water Savings
- Happy Customers
- Equitable and Effective Use of Funds





Elements of Success

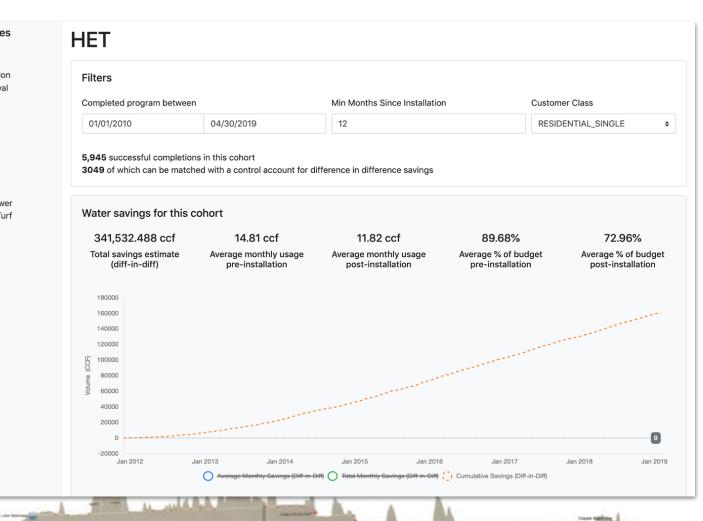
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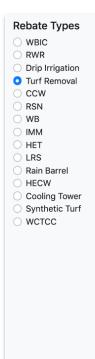
Program-level water savings



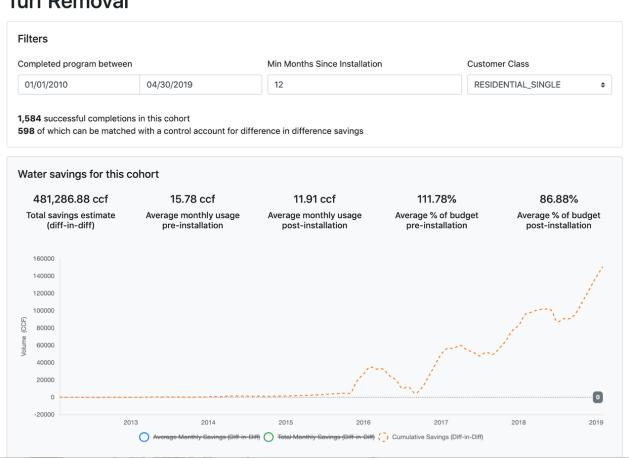
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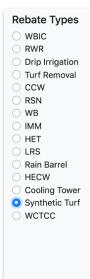
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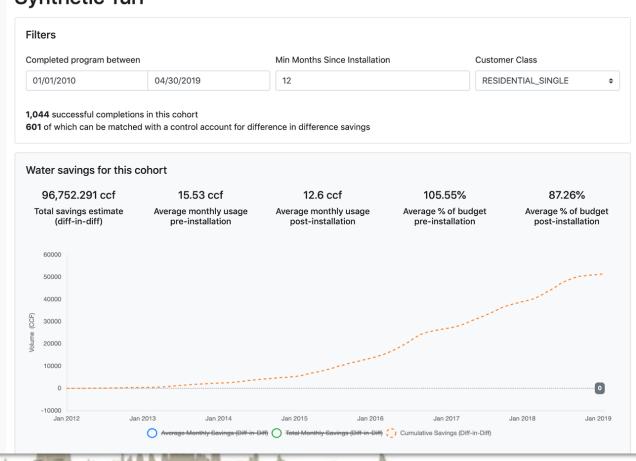
Turf Removal



Program-level water savings



Synthetic Turf



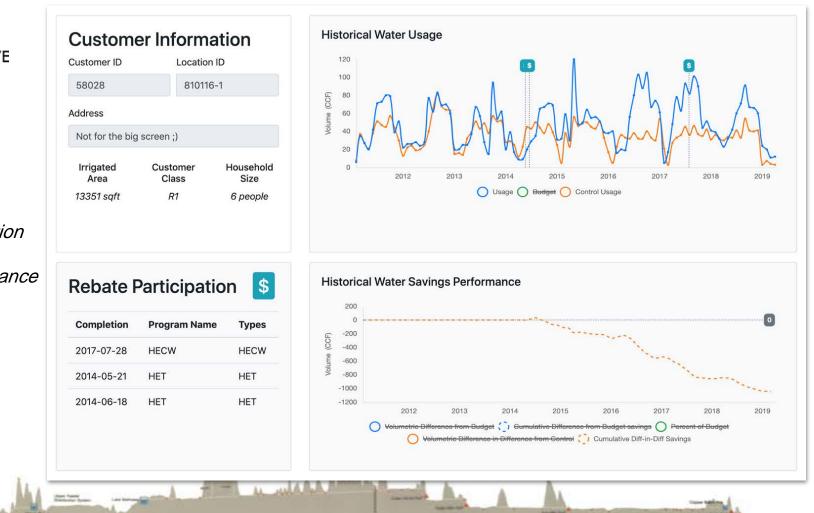


Elements of Success

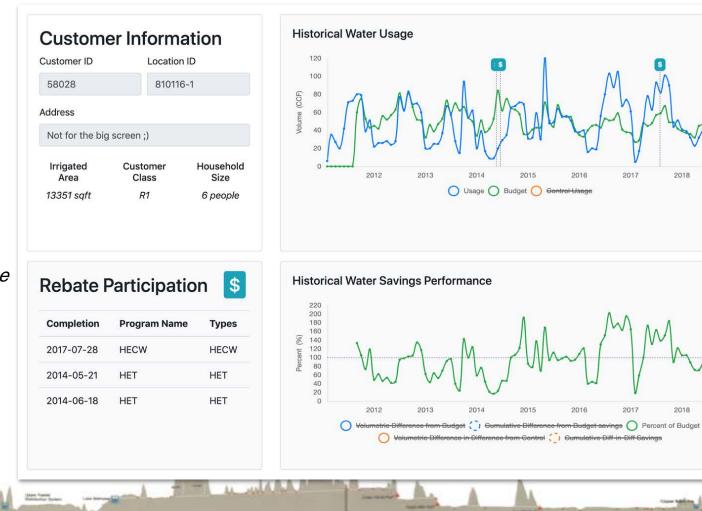
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Customer-level rebate participation and savings performance



Customer-level rebate participation and savings performance



2018

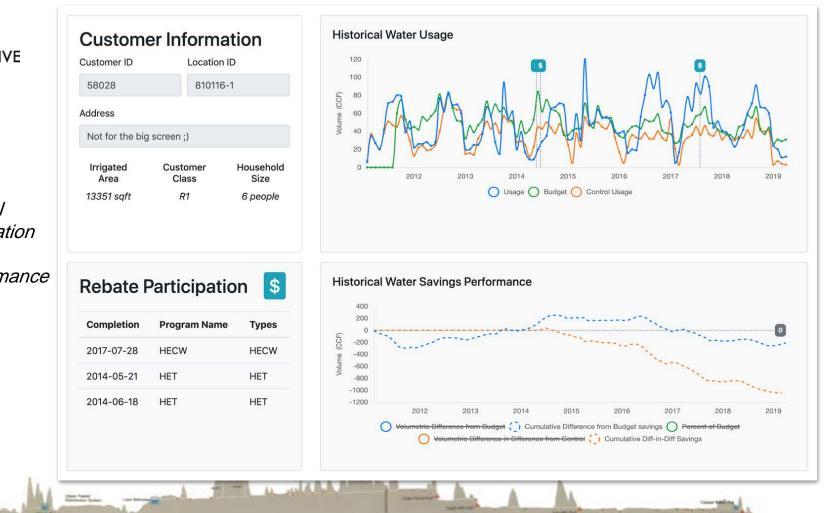
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2018

2019

2019

Customer-level rebate participation and savings performance

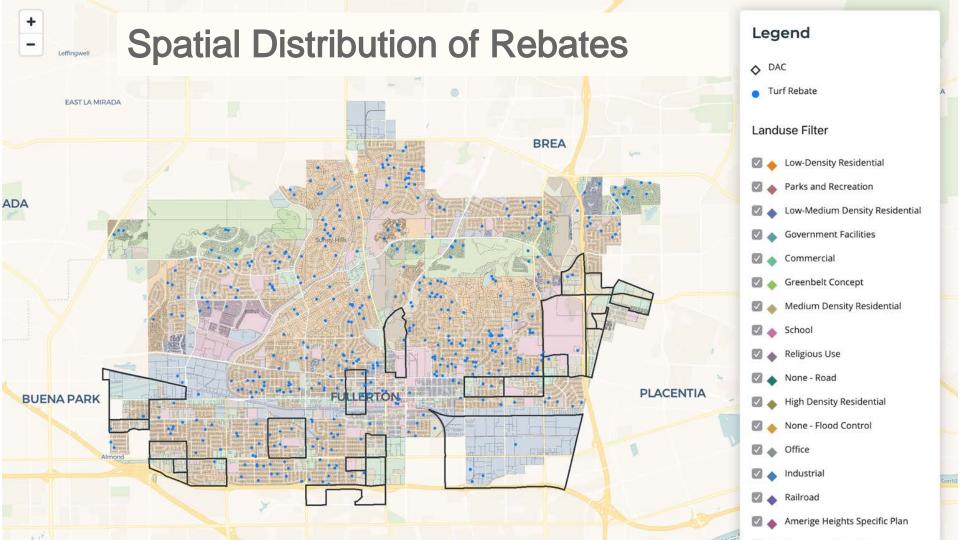




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CALIFORNIA Impact of Marketing and Outreach DATA COLLABORATIVE

Oct 2017

Nov 2017

Dec 2017

Aug 2017

Sep 2017

Jan 2018

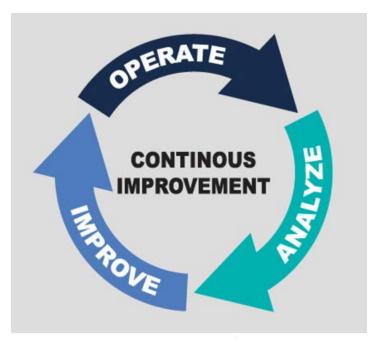


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Iterate and Improve



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Contact

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More info: http://CaliforniaDataCollaborative.org