

Planning for our Water Future

Water Systems Investment Plan | September 30, 2025



Agenda

- 5:10 **Welcome and Introductions** – Joe Tait, KDOW
- 5:15 **Water Systems Overview** – Jason Kagimoto, KDOW
- 5:25 **Need for Investment** – Michelle Sorensen, BC
- 5:35 **Local View** – KDOW
- 5:45 **Q&A**
- 6:00 **Open Topic Discussions**
- 7:00 **Pau**



Explore **PAST**
improvements



LOCAL
snapshot



Provide your
INPUT



Water Systems Overview

Kaua'i Department of Water (DOW)

KDOW's mission is to provide safe, affordable, sufficient drinking water through wise management of resources and excellent customer service for the people of Kaua'i.



KDOW operates & maintains 9 water systems across the island

88,000 customers

24,000 service connections

425 miles waterlines

50 wells

60 tanks

3,000 hydrants



The original water systems we use today were built more than **100 years ago** in the 1920s

Significant population growth of 60% between 1960-1992 required large investment in the water systems

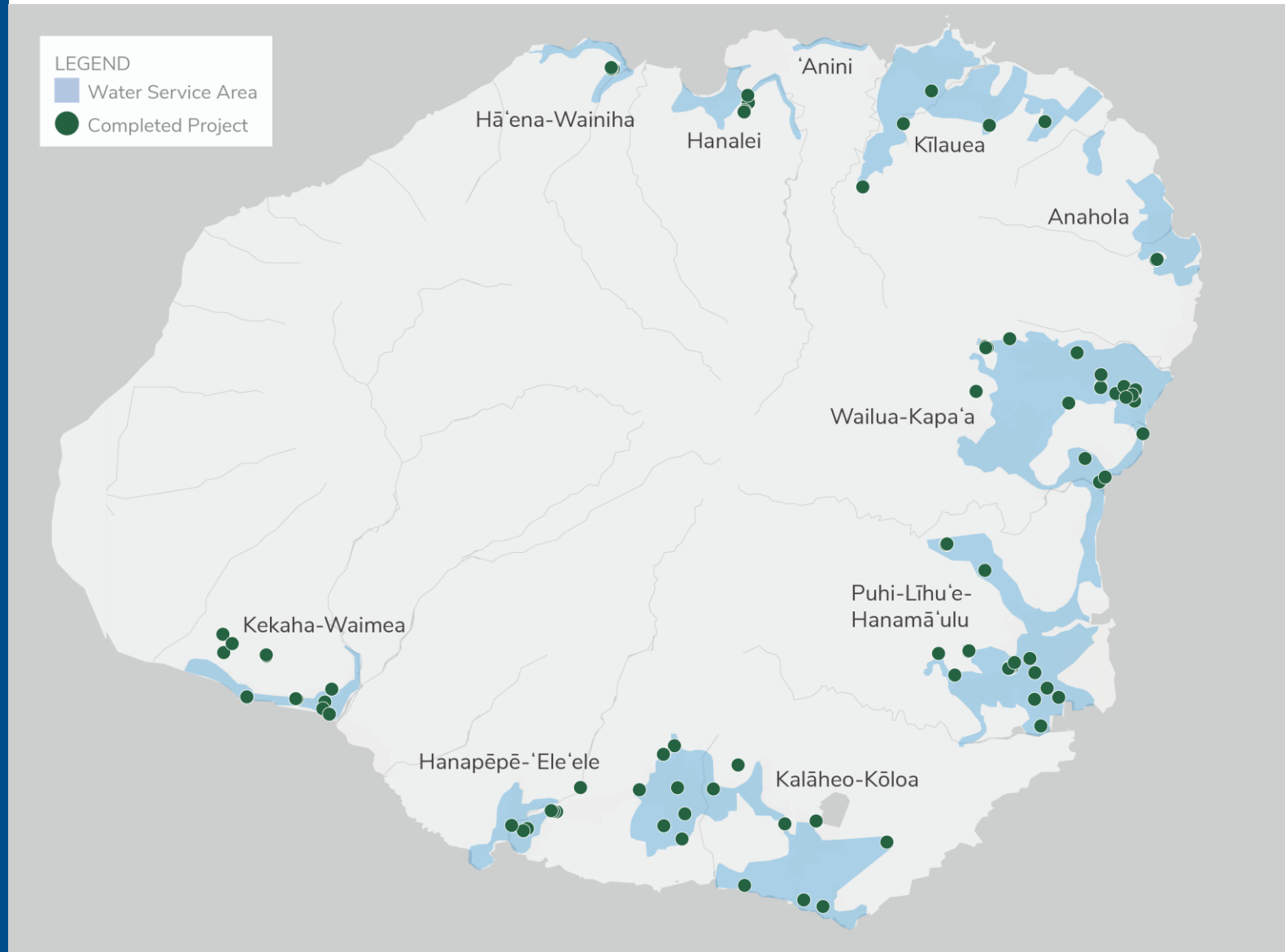


20 Years of Improvements

Water Infrastructure projects completed from 2001 - 2020

89 projects completed

35 miles of pipeline replaced





Need for Investment

Our water systems must continue evolving to meet needs of our community and environment

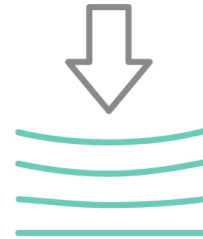
DRIVERS FOR IMPROVEMENT



Ensure clean, safe, high-quality water and regulatory compliance



Upgrade old and aging infrastructure



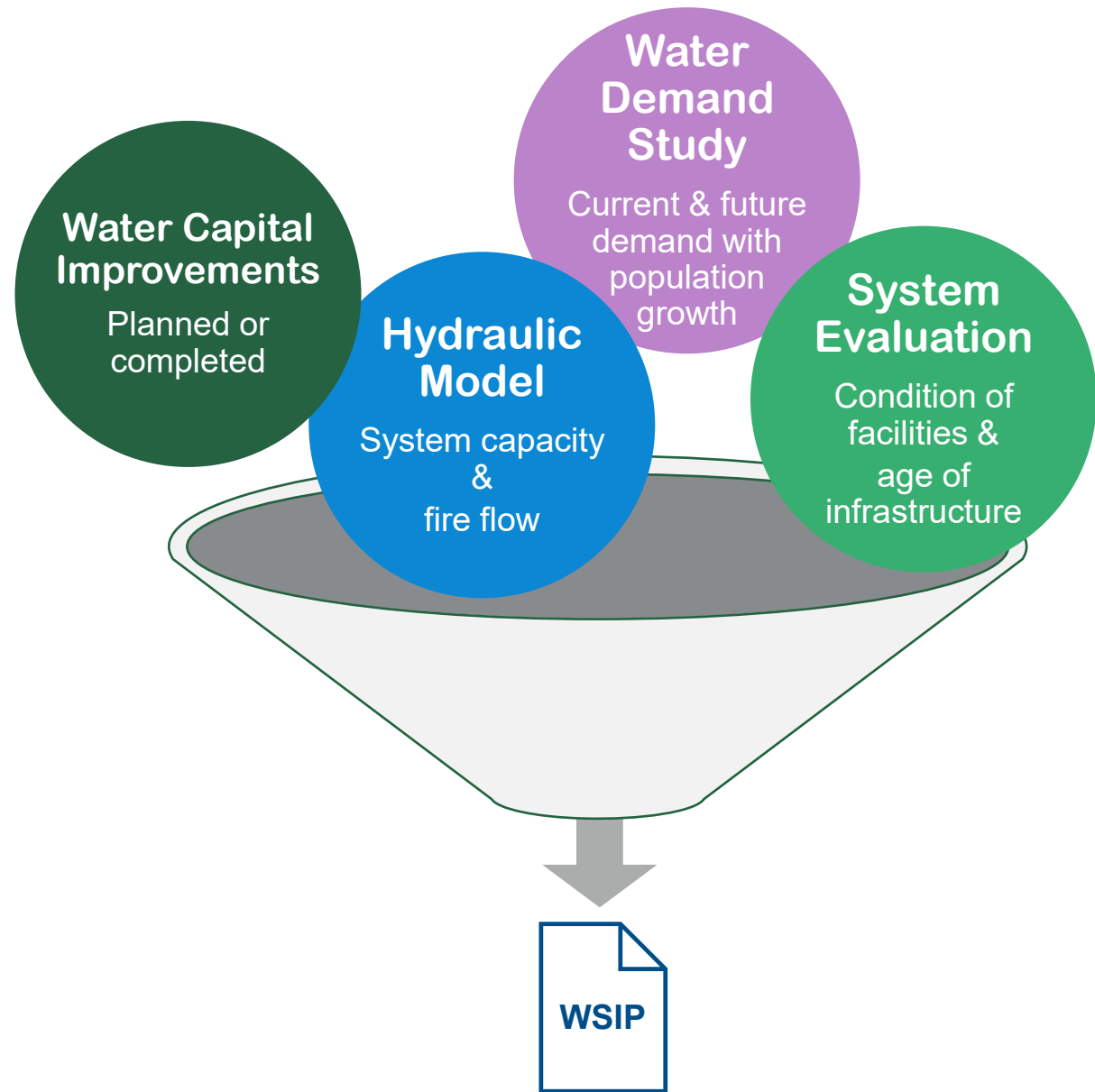
Develop resilient systems to withstand disasters and climate change



Support our growing and thriving community

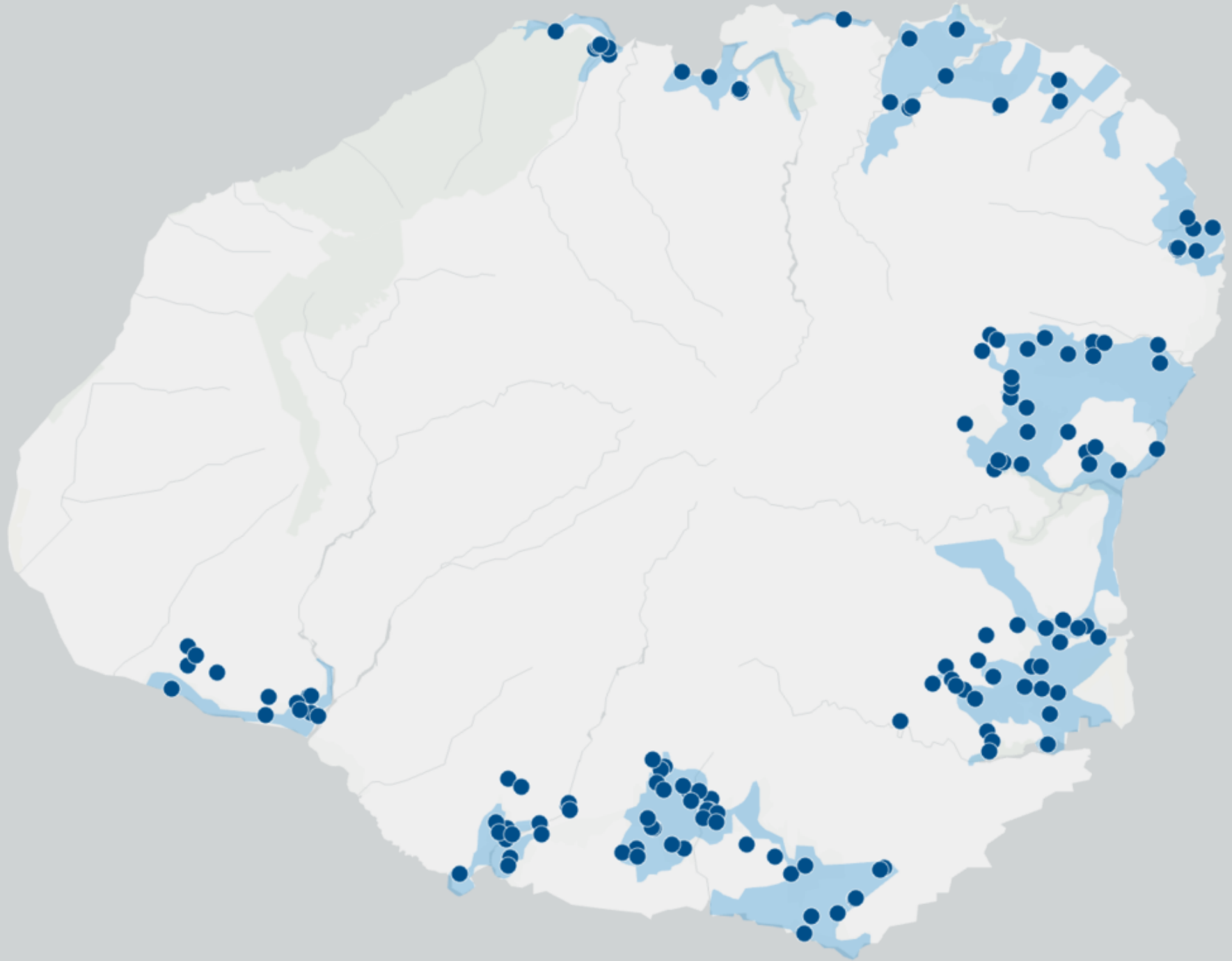
Planning For the Future

DOW invested in a 3-year effort to comprehensively assess the current state of our water system



Water Systems Investment Plan

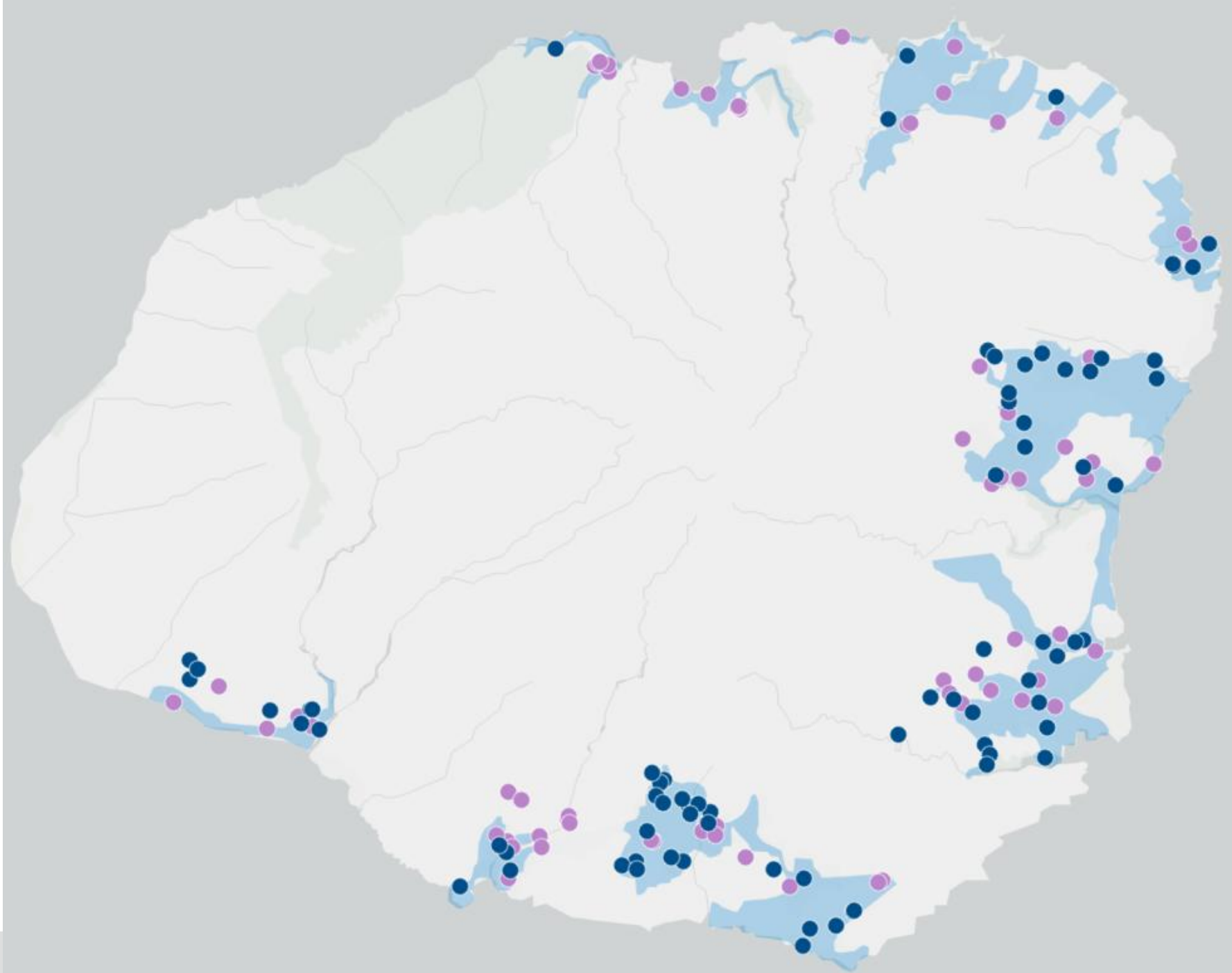
Findings identified
more than **150**
projects estimated to
cost **\$1.3 billion**



Water Systems Investment Plan

Findings identified more than **150** projects estimated to cost **\$1.3 billion**

70 projects are prioritized for the next **20 years** estimated to cost **\$680 million**



An aerial photograph of a tropical coastline. The top half shows steep, green mountains with some clouds at the peaks. The bottom half shows a coastline with turquoise water, a rocky beach, and green vegetation. A white semi-transparent box is overlaid on the middle of the image, containing the title text.

Local View

Puhi, Līhu'e, & Hanamā'ulu

Puhi, Līhu'e, & Hanamā'ulu Overview

Approximately **20%** of the island wide system

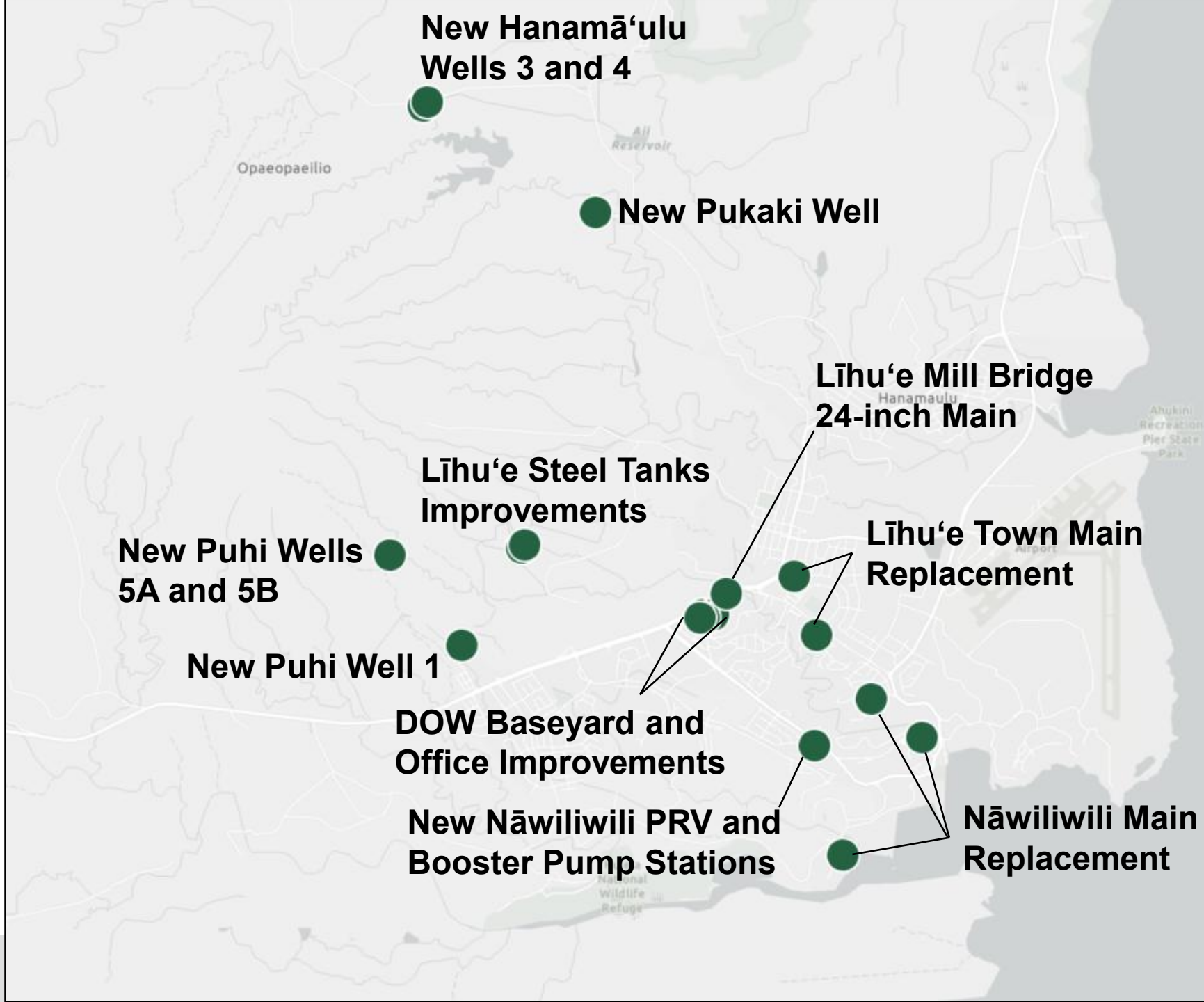
Parts of the system were constructed more than **95** years ago and will be more than **115** years old by the end of the planning period



Puhi, Līhu'e, & Hanamā'ulu Completed Projects

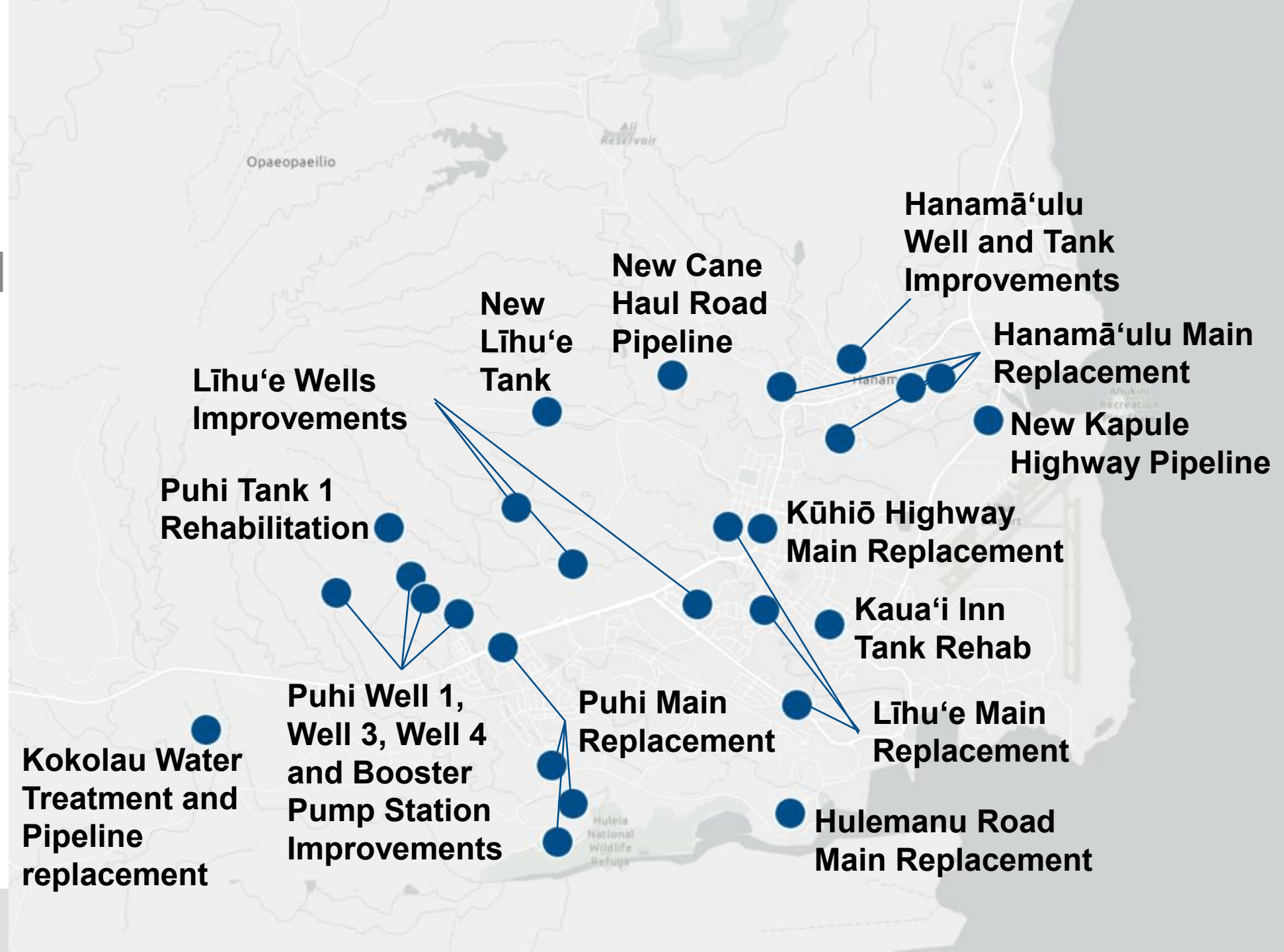
Water Plan 2020

*Water infrastructure
projects completed
from 2001 - 2025*



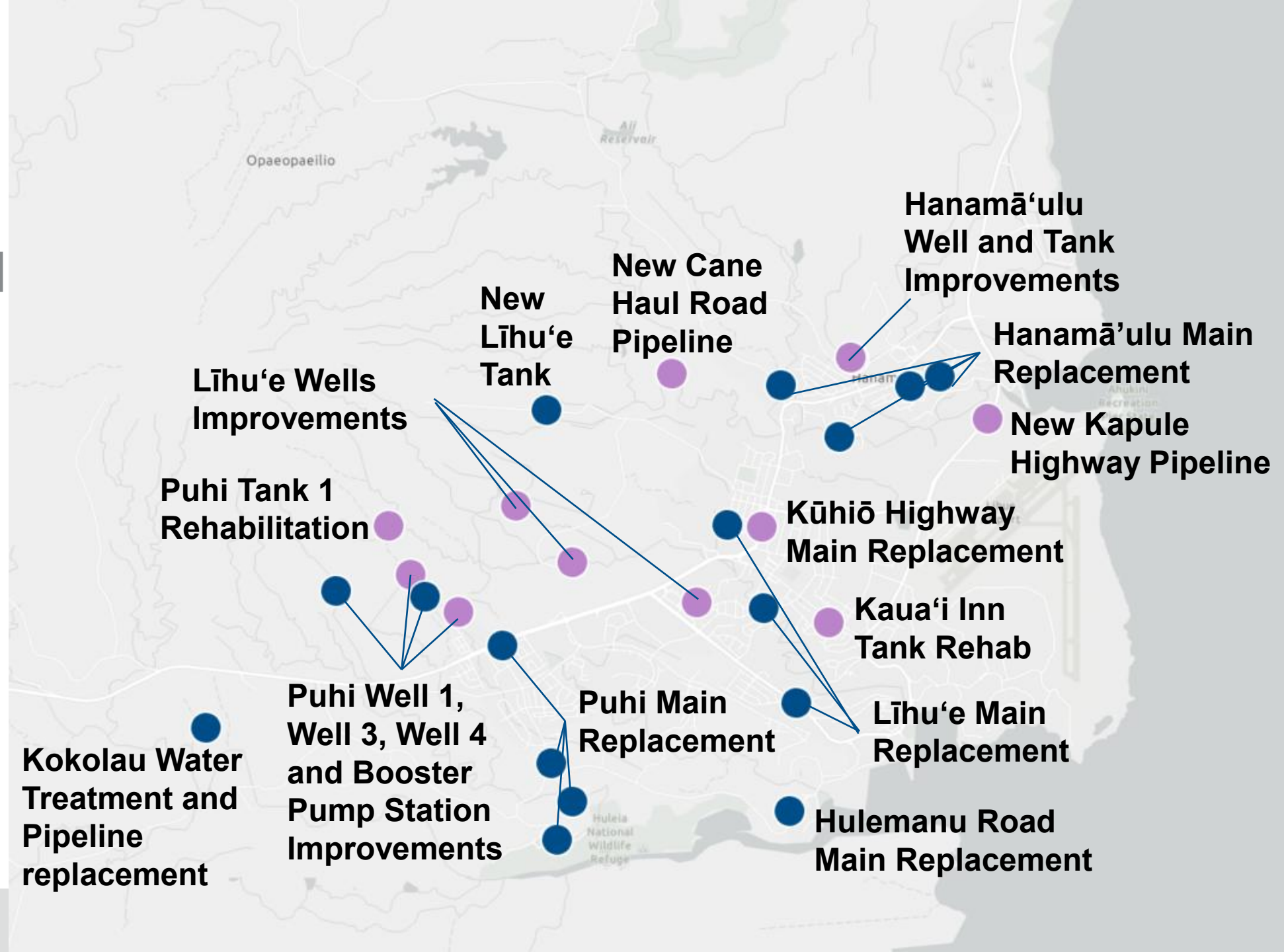
Puhi, Līhu'e, & Hanamā'ulu Needs

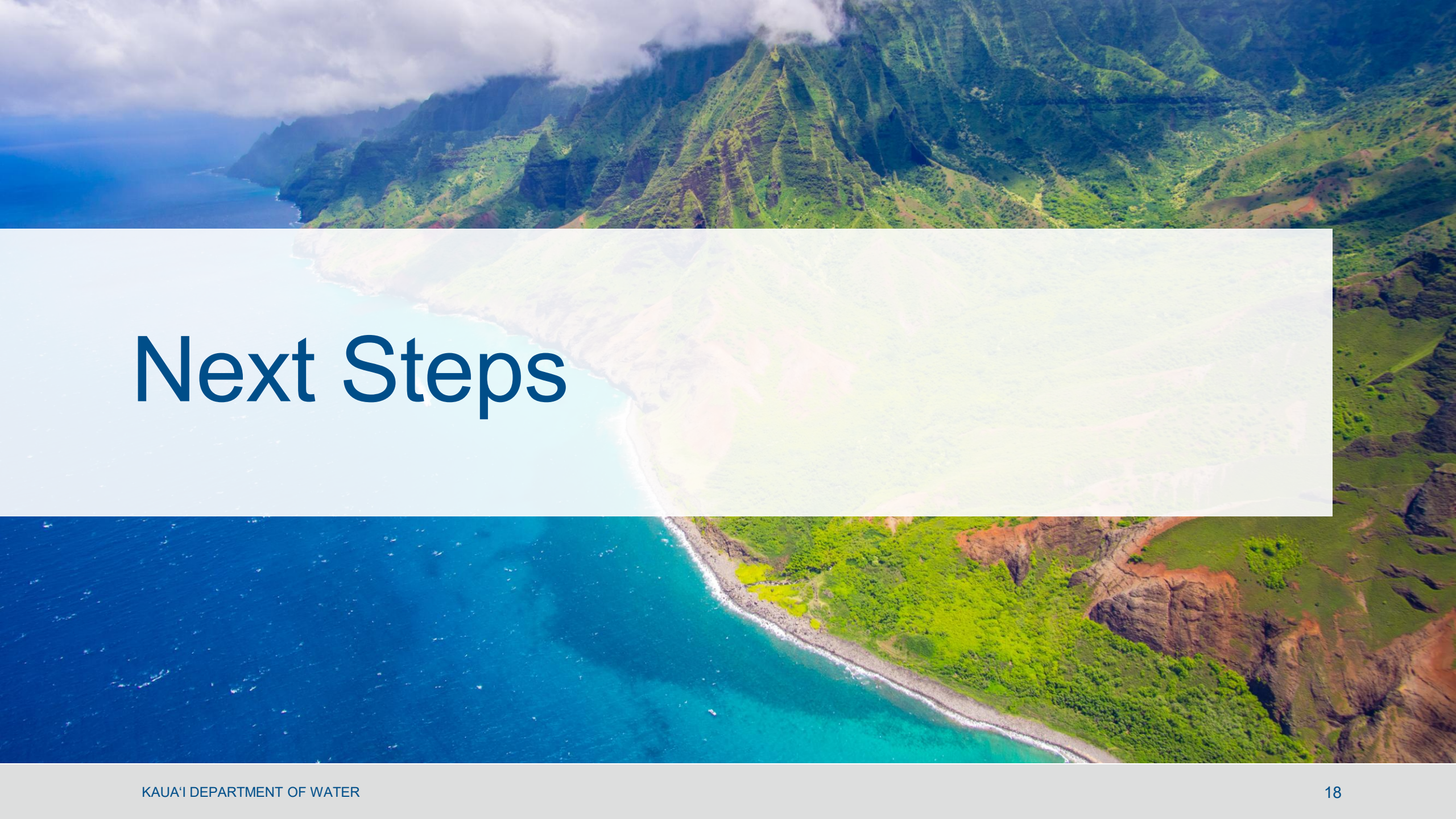
Water Systems
Investment Plan



Puhi, Līhu'e, & Hanamā'ulu Needs

Water Systems
Investment Plan

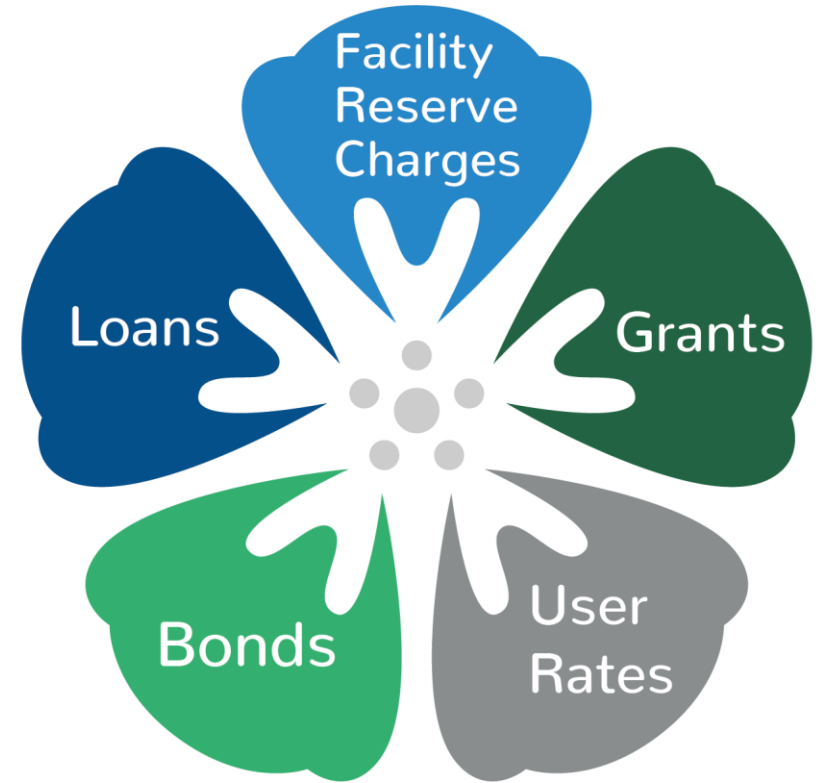


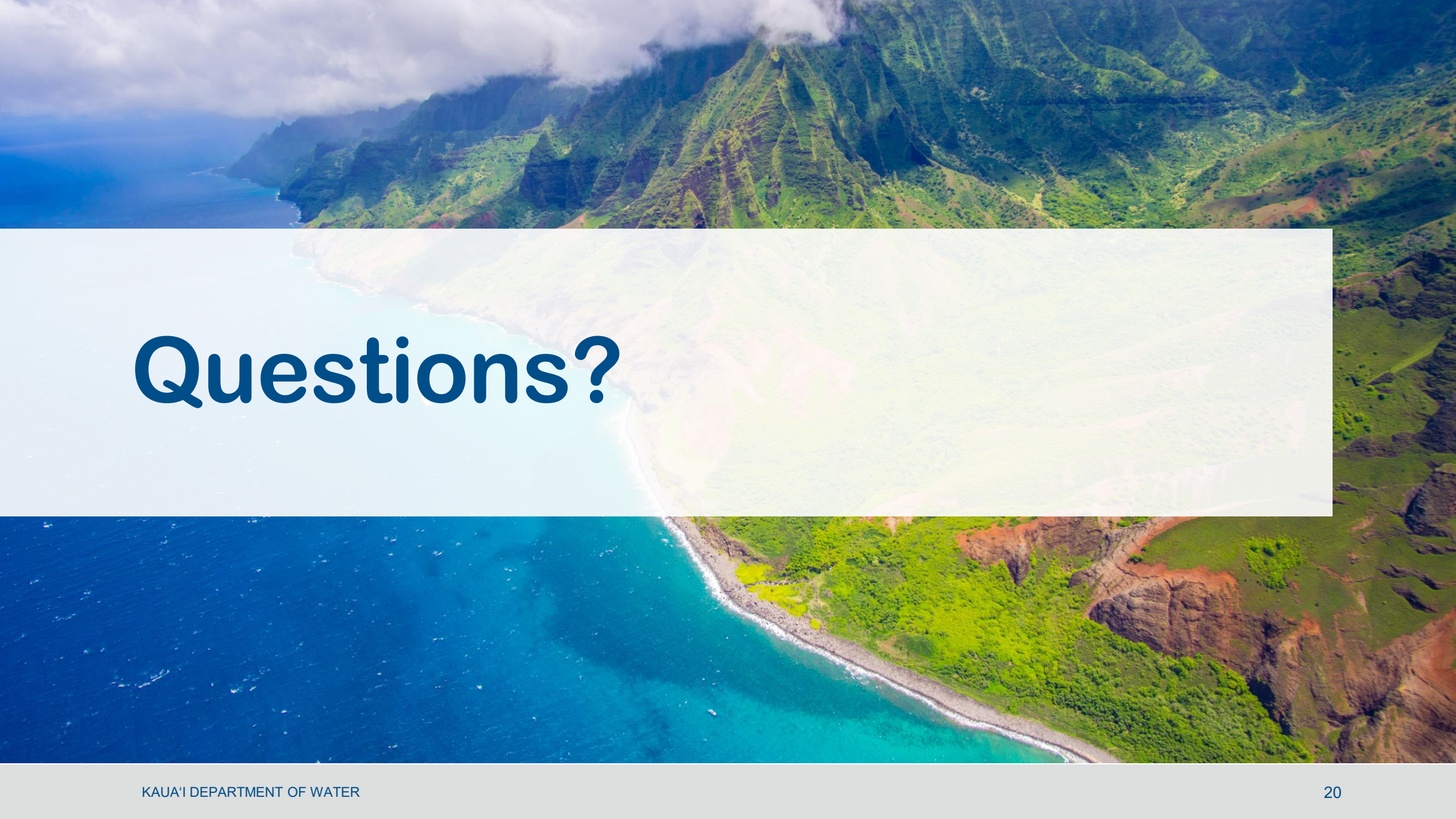


Next Steps

Next Steps

1. Prioritize projects
2. Identify funding options for critical projects
3. Complete the Rate Study and develop Financial Plan
4. Financial Plan & Rate updates
 - Public Meetings: Spring - Summer 2026





Questions?



Open Topic Discussions

Open Topic Discussions

Visit the poster stations to learn more and share your input!

GENERAL KDOW – Facilities and services provided to the community

PAST – Water improvement projects that have been completed island wide

CURRENT – Example priority water system improvement needs in your community

FUTURE – How can we create a sustainable water future for Kauaʻi?

Thank you!

SCAN FOR MORE
INFORMATION



SHARE YOUR INPUT

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