

Planning for our Water Future

Water Systems Investment Plan | September 24, 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

An aerial photograph of a tropical coastline. In the foreground, there's a deep blue ocean with some white surf near a rocky shore. The shoreline is covered in lush green vegetation. In the background, steep, rugged mountains rise from the coast, their peaks partially shrouded in mist or low clouds. The sky is filled with soft, white clouds.

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

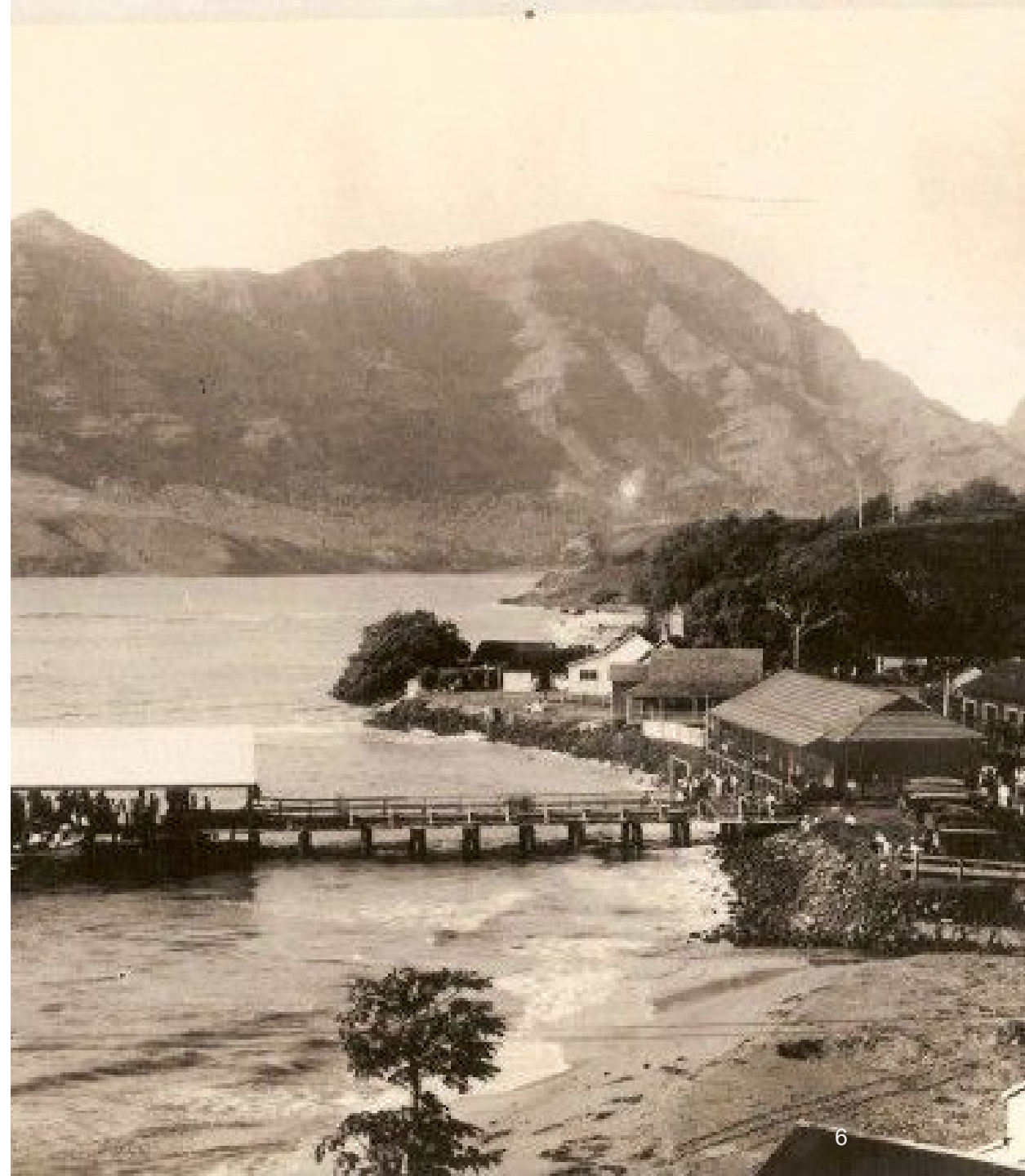
60 tanks

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

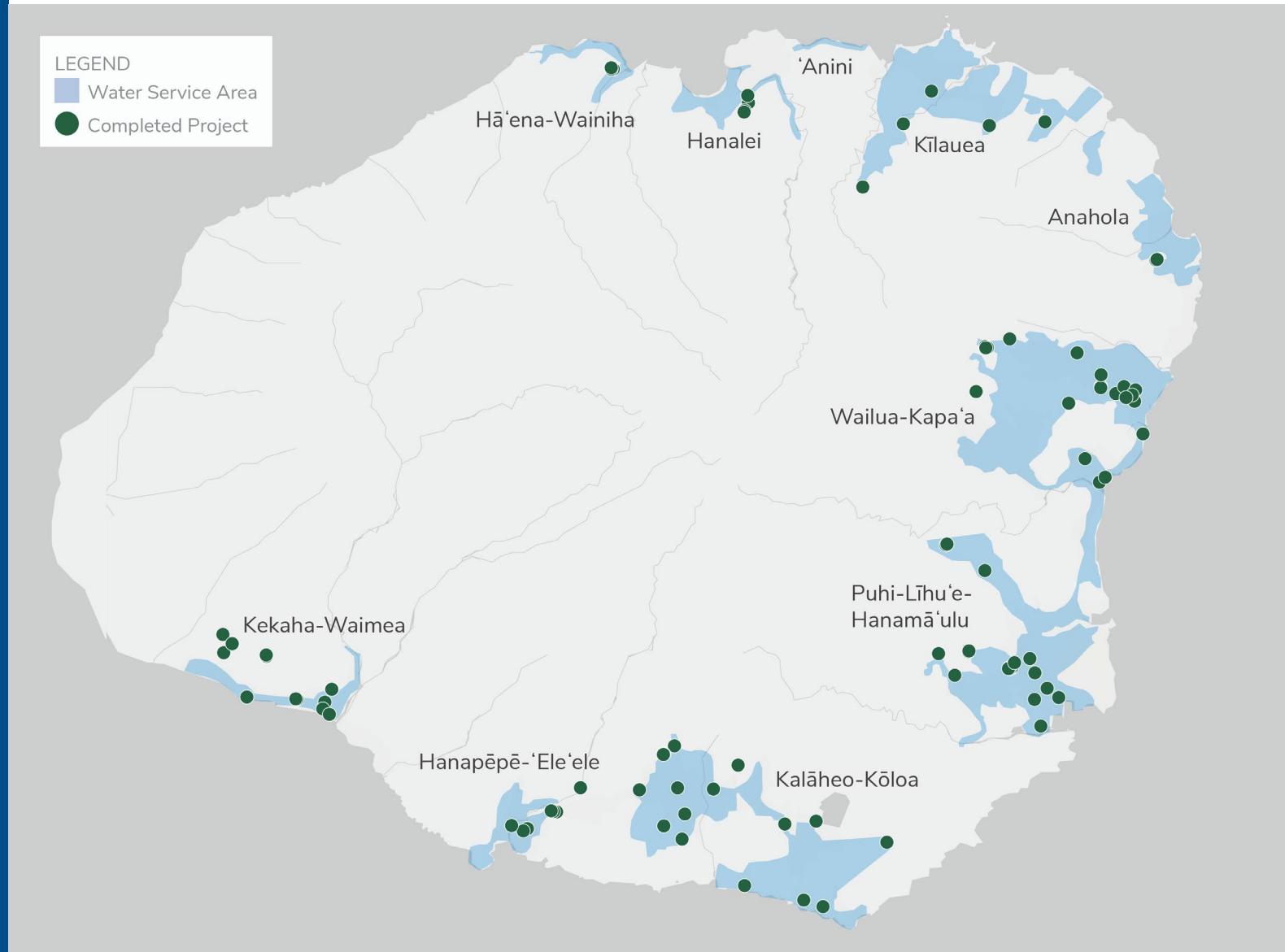


20 Years of Improvements

Water Infrastructure projects completed from 2001 - 2020

89 projects completed

35 miles of pipeline replaced



An aerial photograph of a tropical coastline. In the foreground, there's a clear, turquoise beach area with some small structures. The water transitions from light blue near the shore to a deep blue further out. The background features steep, green mountains with some rocky outcrops, partially shrouded in mist or clouds.

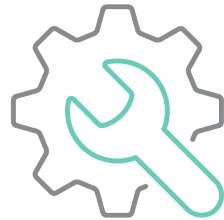
Need for Investment

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

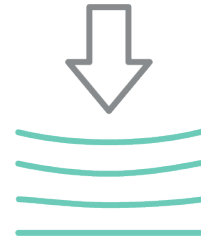
DRIVERS FOR IMPROVEMENT



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



Upgrade old and aging infrastructure



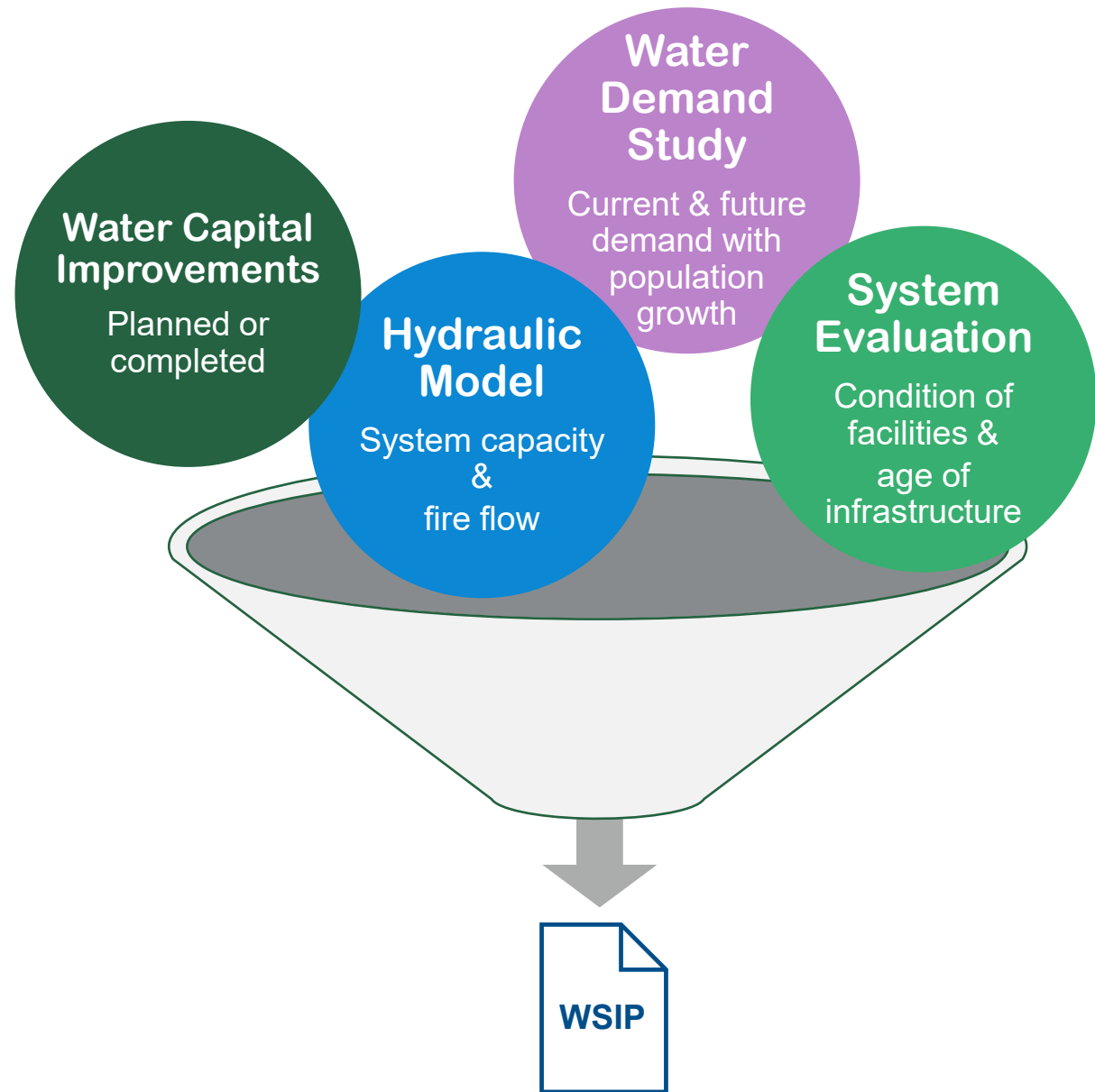
Develop resilient systems to withstand disasters and climate change



Support our growing and thriving community

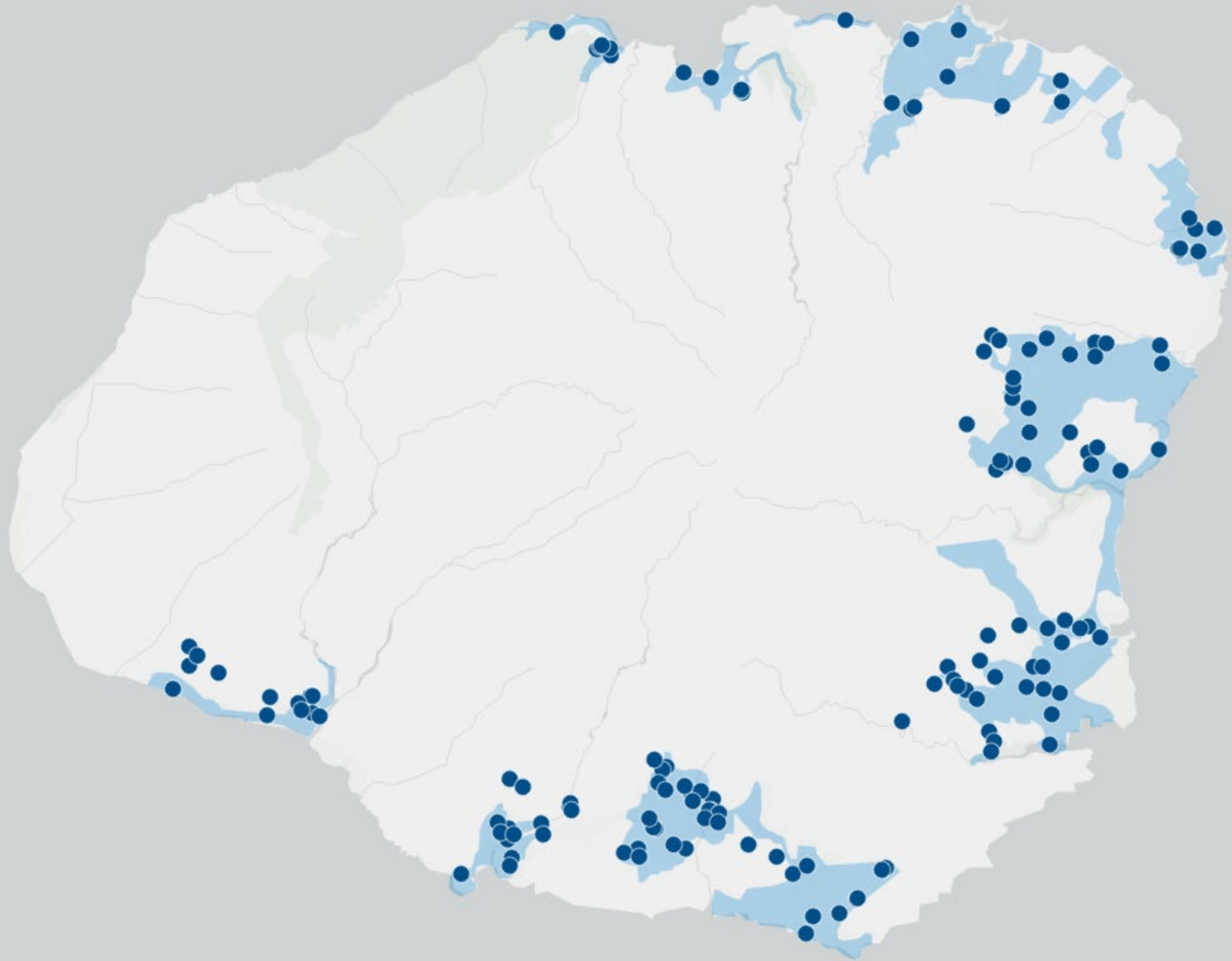
Planning For the Future

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



Water Systems Investment Plan

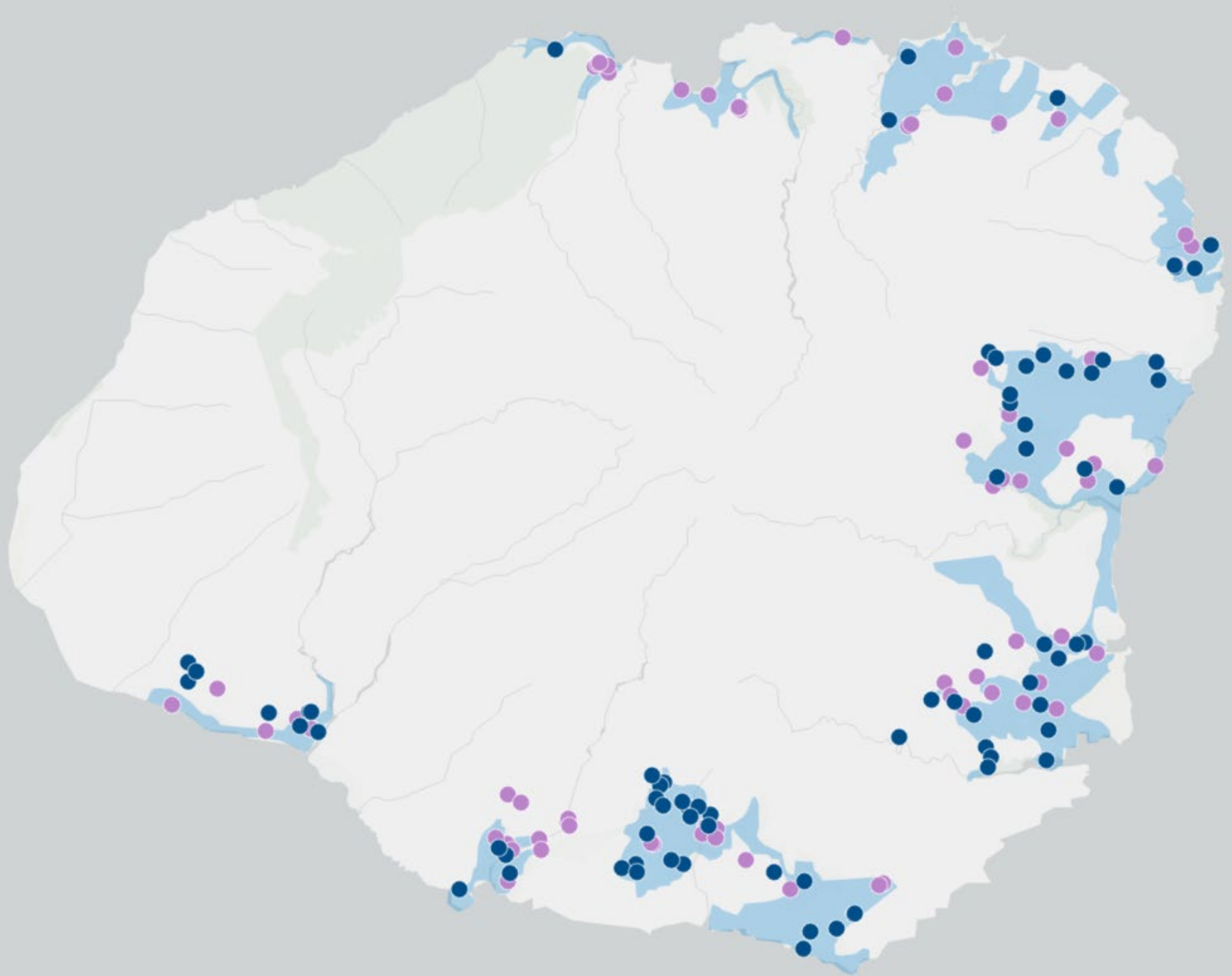
Findings identified
more than **150**
projects estimated to
cost **\$1.3 billion**



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**





Local View

Wailua, Kapa'a

Wailua & Kapa'a Overview

Approximately 25% of the island wide system

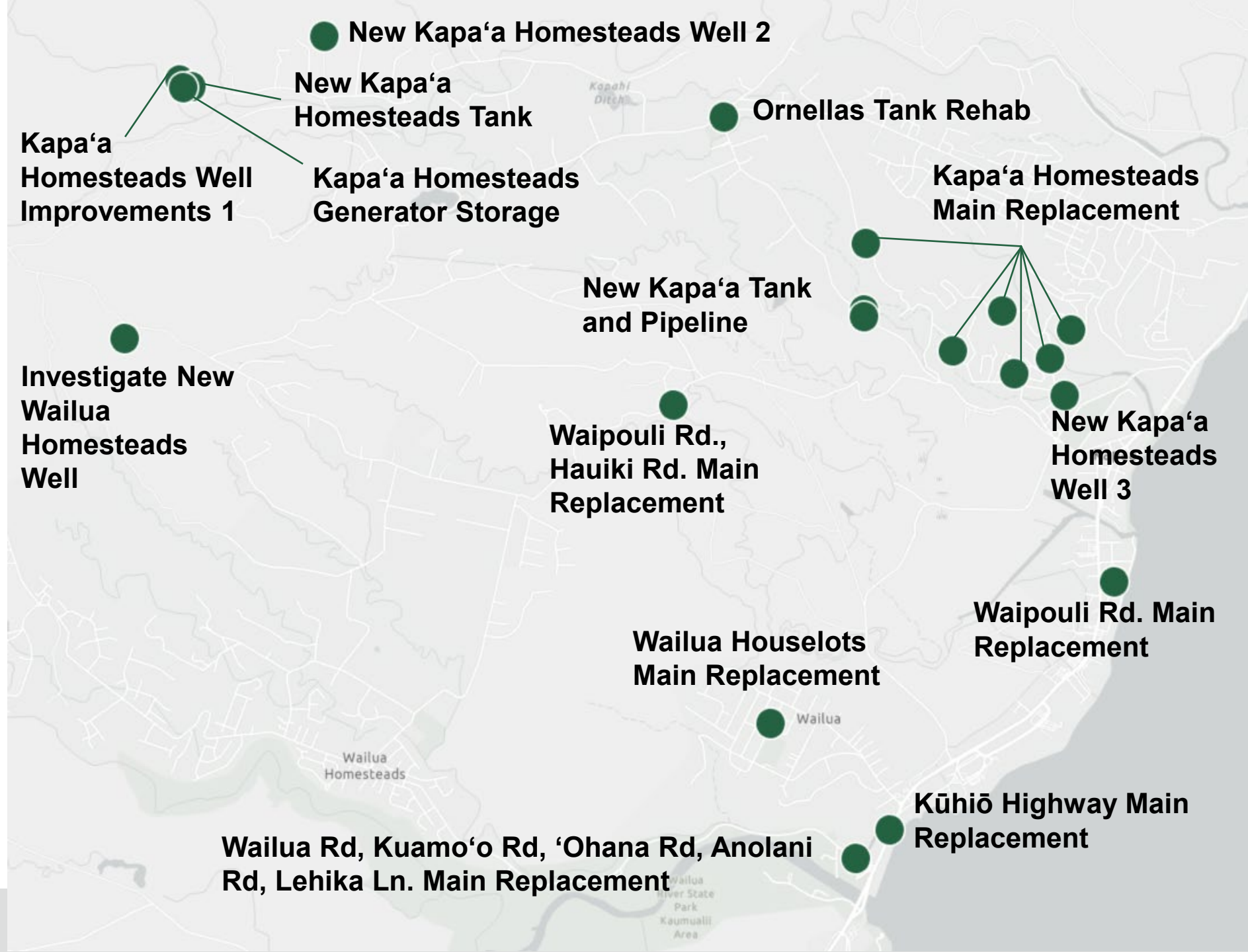
Parts of the system were constructed more than 100 years ago and will be more than 120 years old by the end of the planning period



Wailua & Kapa'a Completed Projects

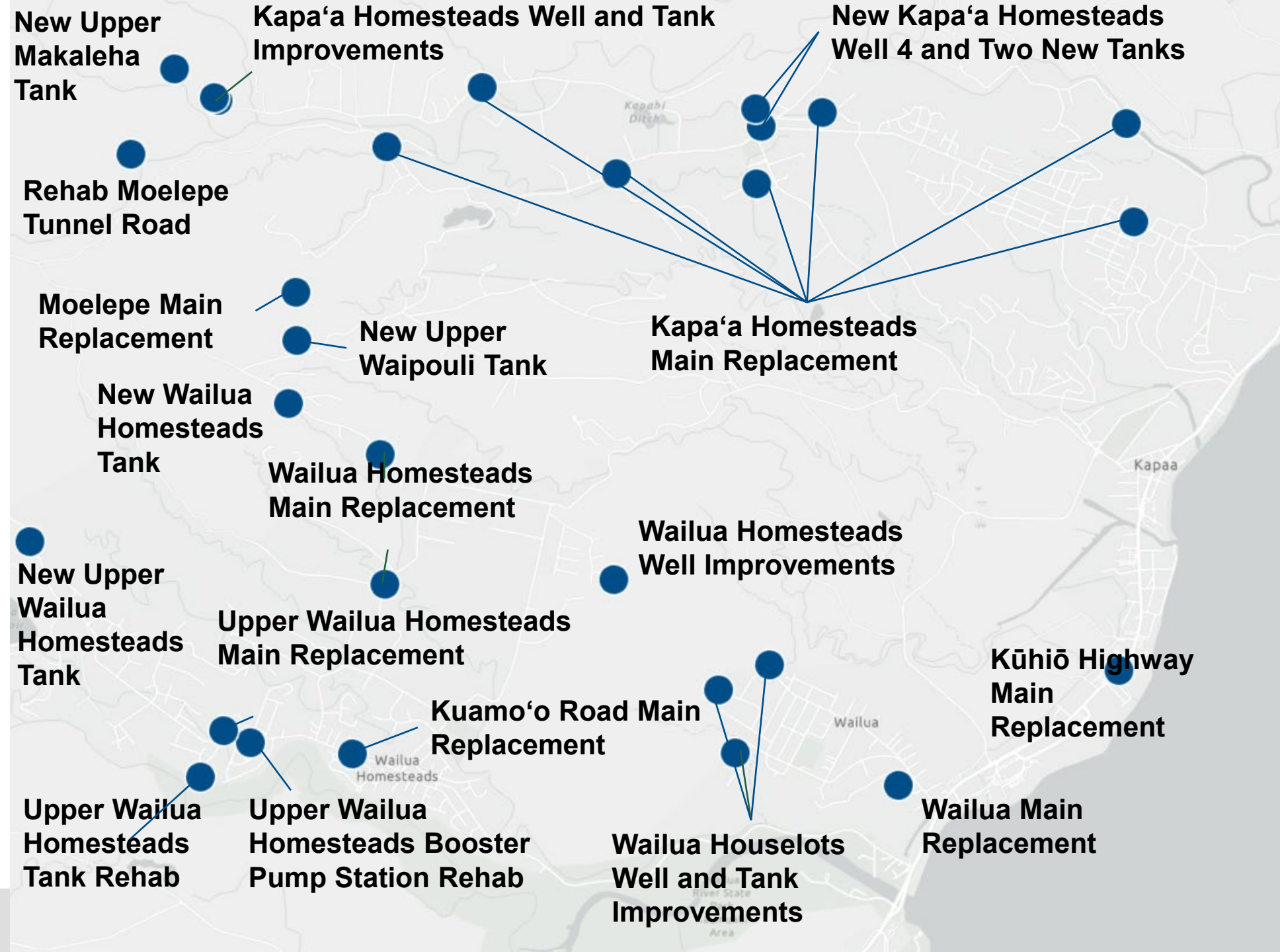
Water Plan 2020

Water infrastructure projects completed from 2001 - 2025



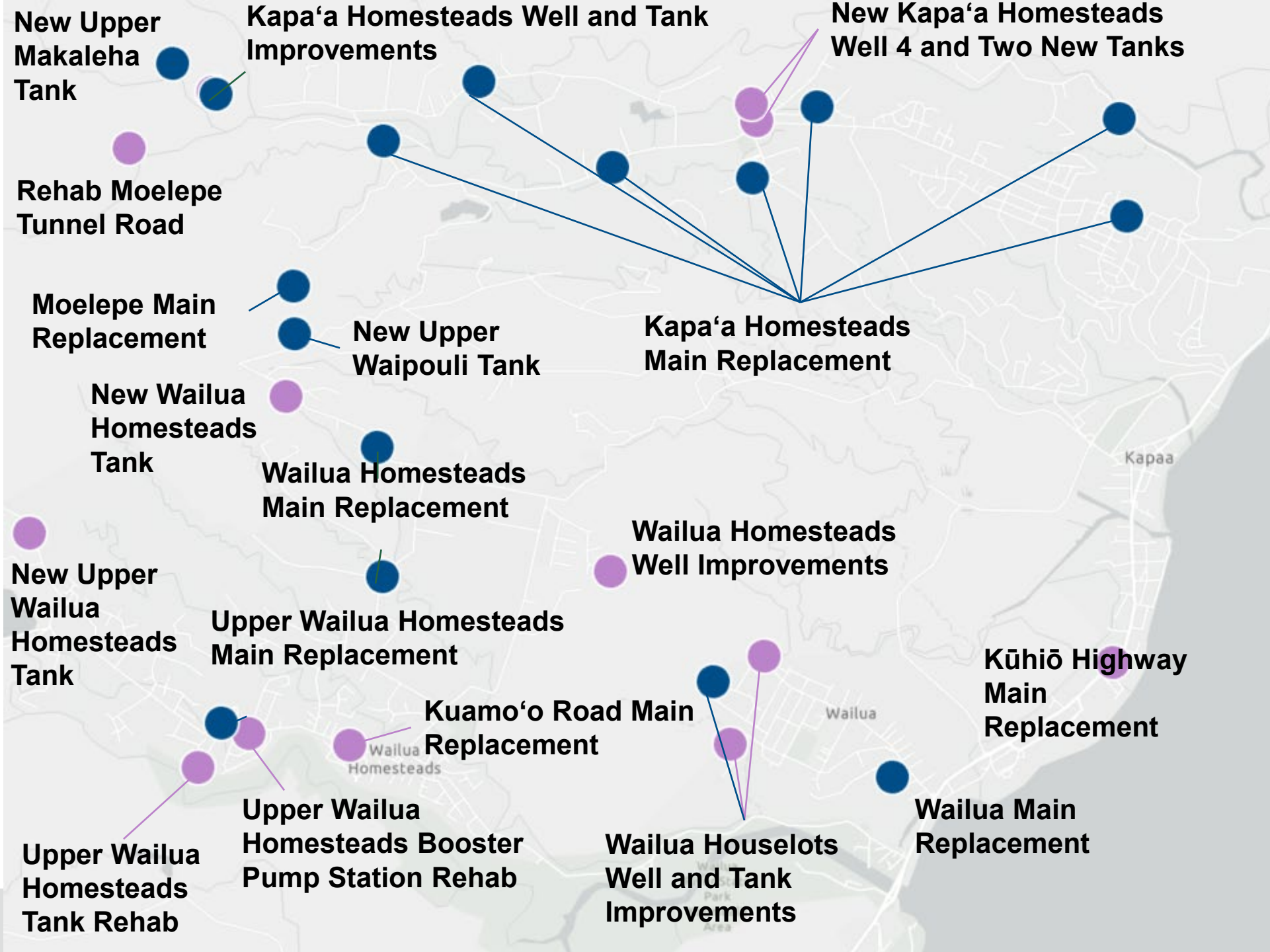
Wailua & Kapa'a Needs

Water Systems Investment Plan



Wailua & Kapa'a Needs

Water Systems Investment Plan



An aerial photograph of a tropical coastline. In the foreground, there's a deep blue ocean with some white surf near a rocky shore. The land is covered in lush green vegetation, with some reddish-brown soil visible on the slopes. In the background, steep, jagged mountains rise from the coast, their peaks partially shrouded in mist or low clouds. The sky is filled with soft, white clouds.

Local View

Anahola

Anahola Overview

Approximately 4% of the island wide system

Parts of the system were constructed more than 90 years ago and will be more than 110 years old by the end of the planning period



Anahola Completed Projects

Water Plan 2020

*Water infrastructure
projects completed
from 2001 - 2025*



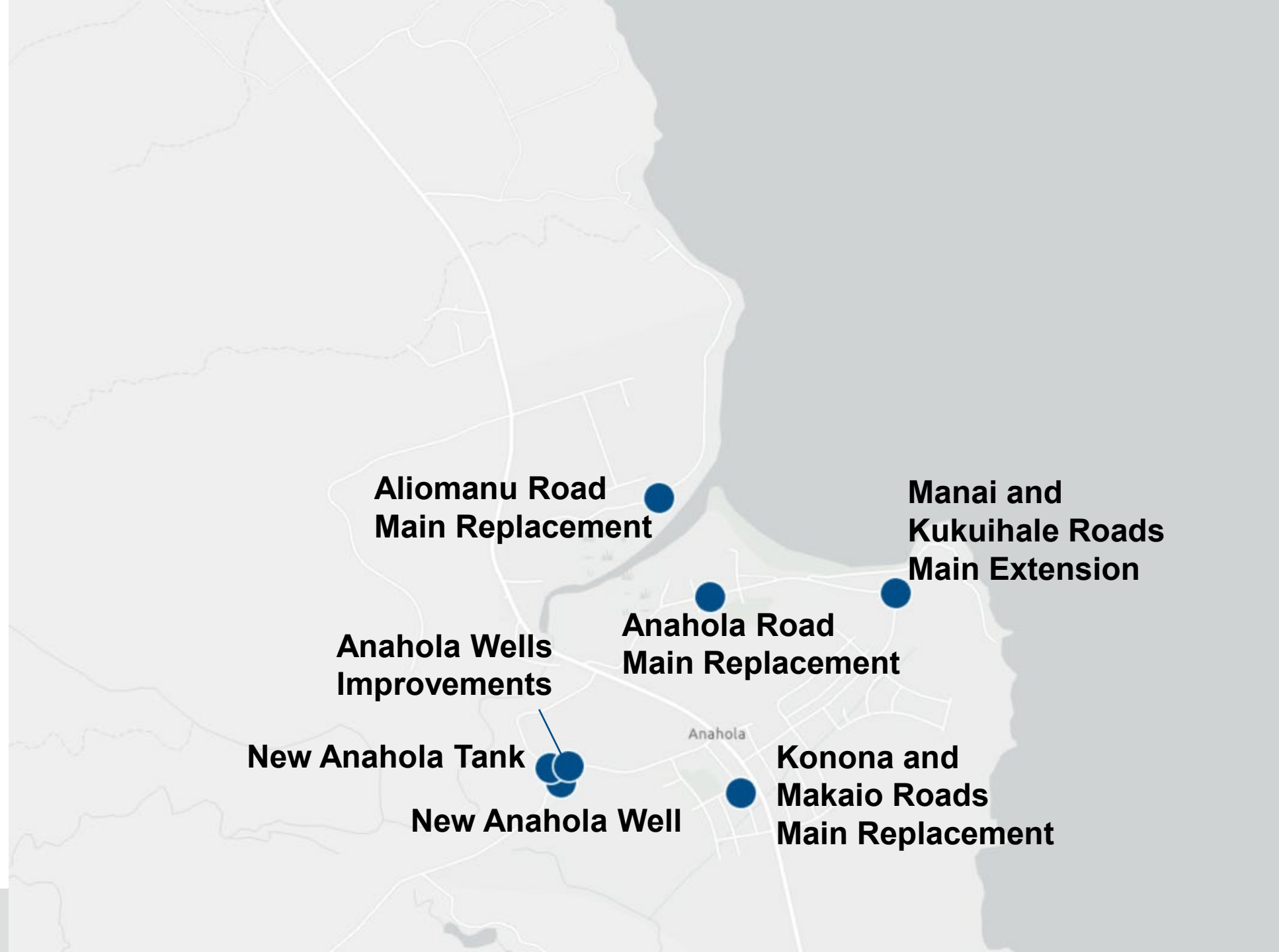
Anahola Tank Rehab



New Anahola Well

Anahola Needs

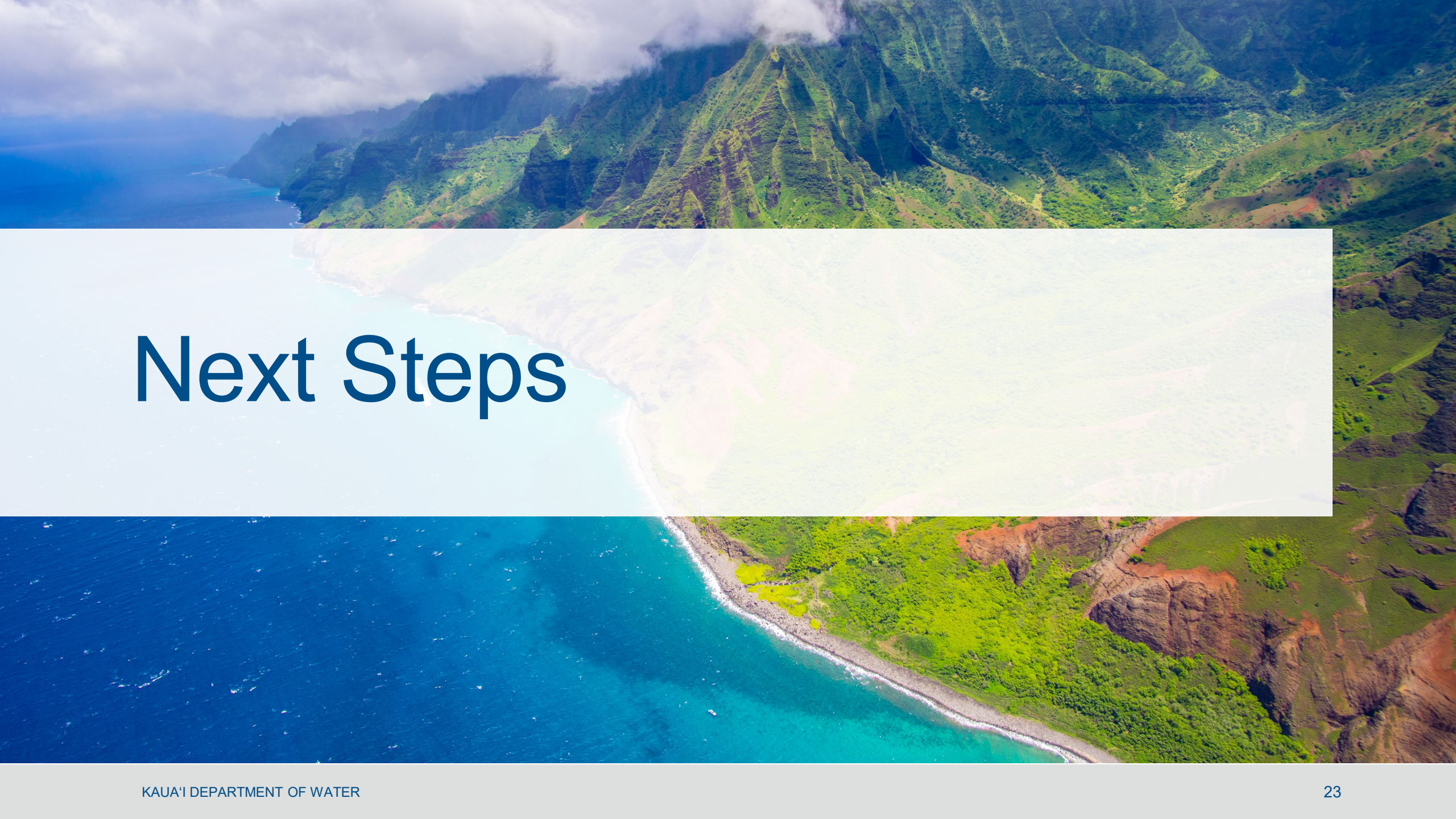
Water Systems
Investment Plan



Anahola Needs

Water Systems
Investment Plan

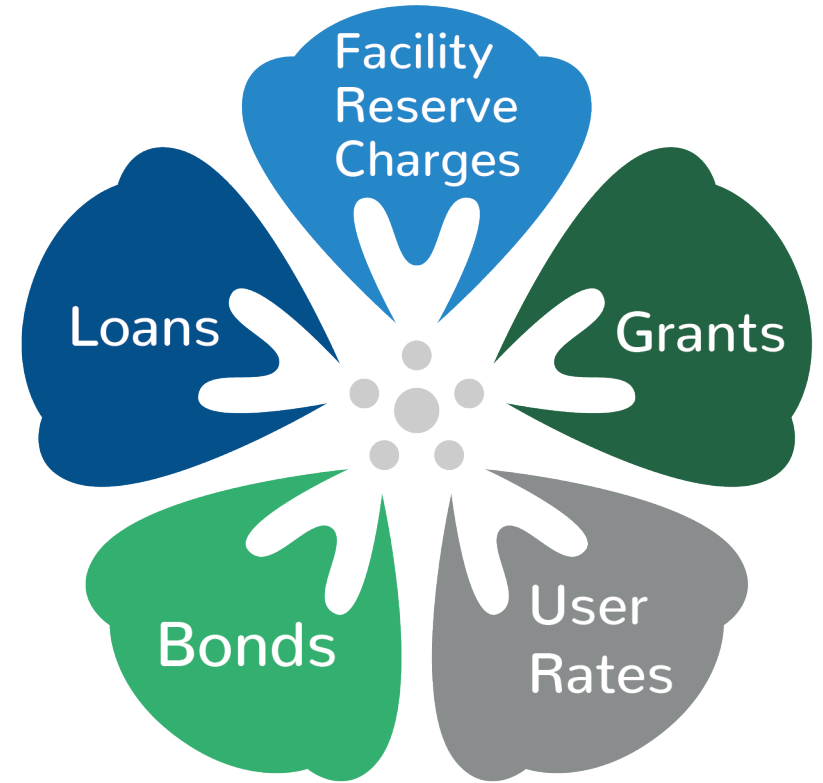


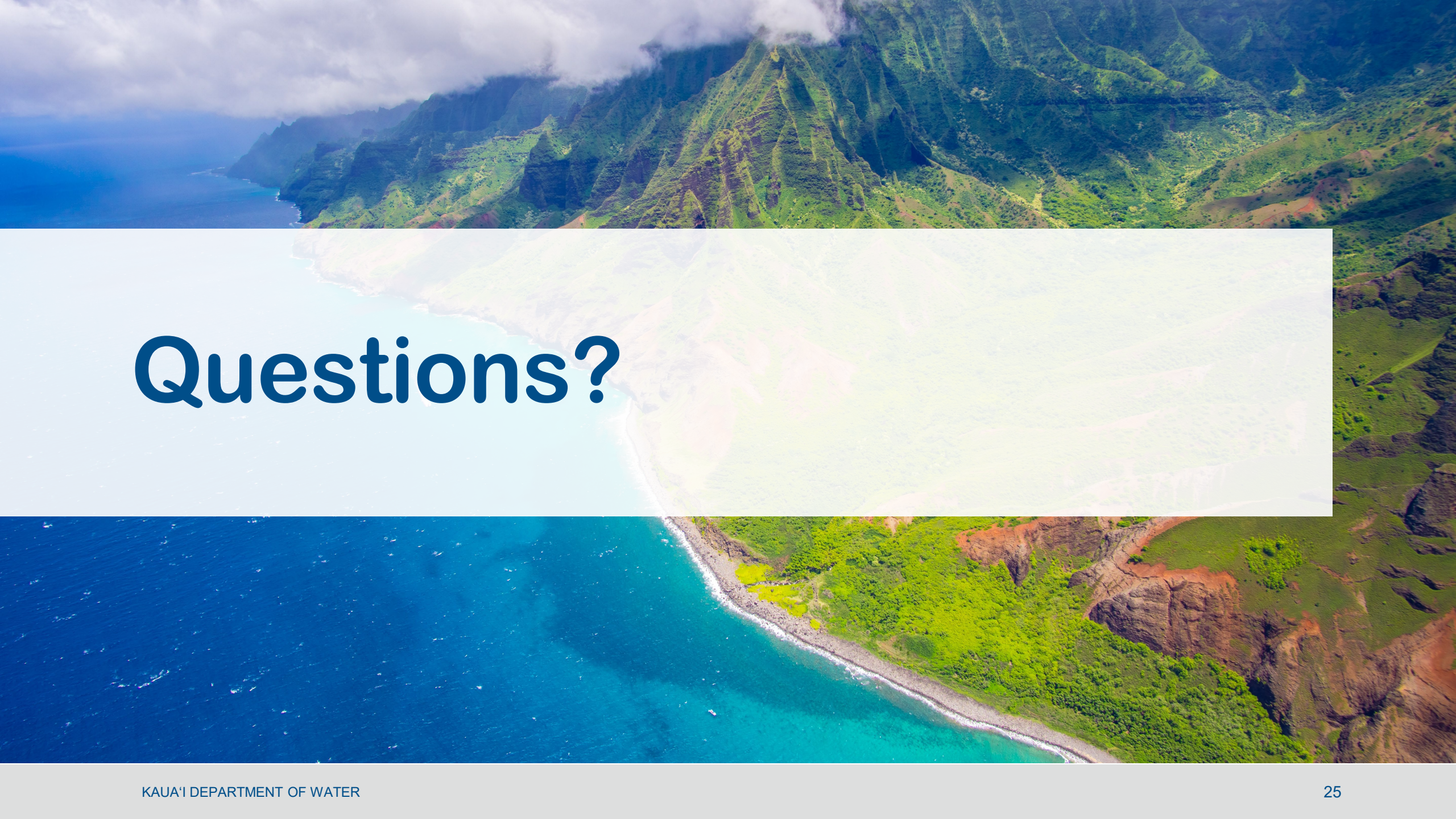
An aerial photograph of a tropical coastline. In the foreground, there's a deep blue ocean with some whitecaps. A narrow strip of white sand beach separates the ocean from a lush green, hilly landscape. The hills are covered in dense vegetation, with some areas showing reddish-brown soil. In the background, the coastline continues with more steep, green mountains under a cloudy sky. A semi-transparent white rectangular box is overlaid on the middle of the image, containing the text "Next Steps".

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



An aerial photograph of a tropical coastline. In the foreground, there's a deep blue ocean with some white surf. A narrow strip of land with green vegetation and a rocky shore separates the ocean from a large, semi-transparent white rectangular area. Behind this area, the landscape rises into steep, green mountains with some brownish-red soil visible on the ridges. The sky is filled with white clouds.

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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