



UPPER  
LOS  
ANGELES  
RIVER



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preSIP Scientific Study Update | February 16, 2023 | ULAR WASC

# PRESIP GOALS



Engage **partners** to pursue collective success



Find more great **projects**



Plot a more achievable compliance **pathway**



Design a **platform** to facilitate ongoing adaptation and collaboration

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# 28 Partner Organizations Engaged to Date



ULAR

UPPER  
LOS  
ANGELES  
RIVER



The Nature Conservancy



Public Works  
LOS ANGELES COUNTY



Caltrans



preSIP

A Platform for  
Watershed Science  
and Project Collaboration

ARLA



SAFE  
CLEAN  
WATER

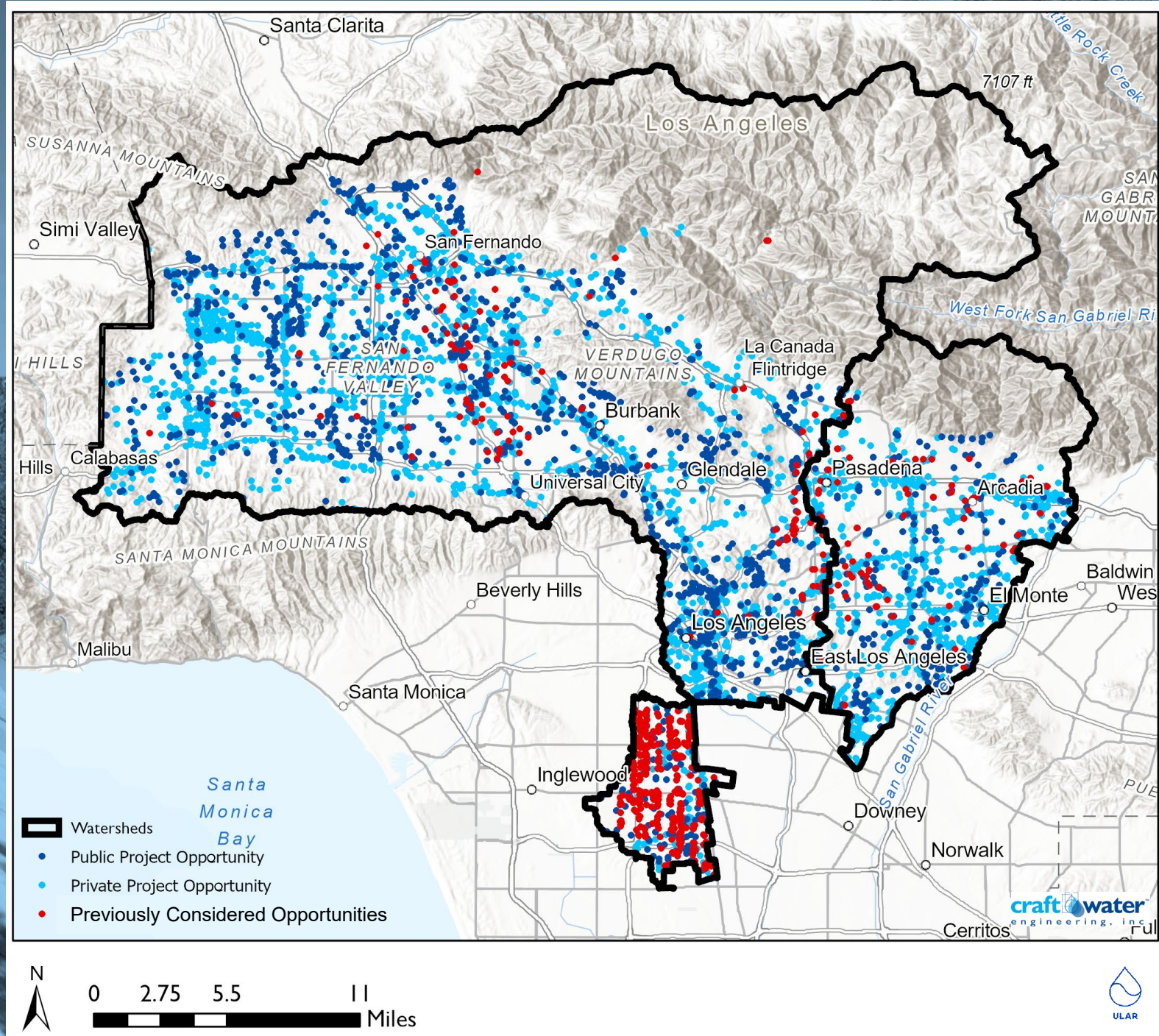


Metro



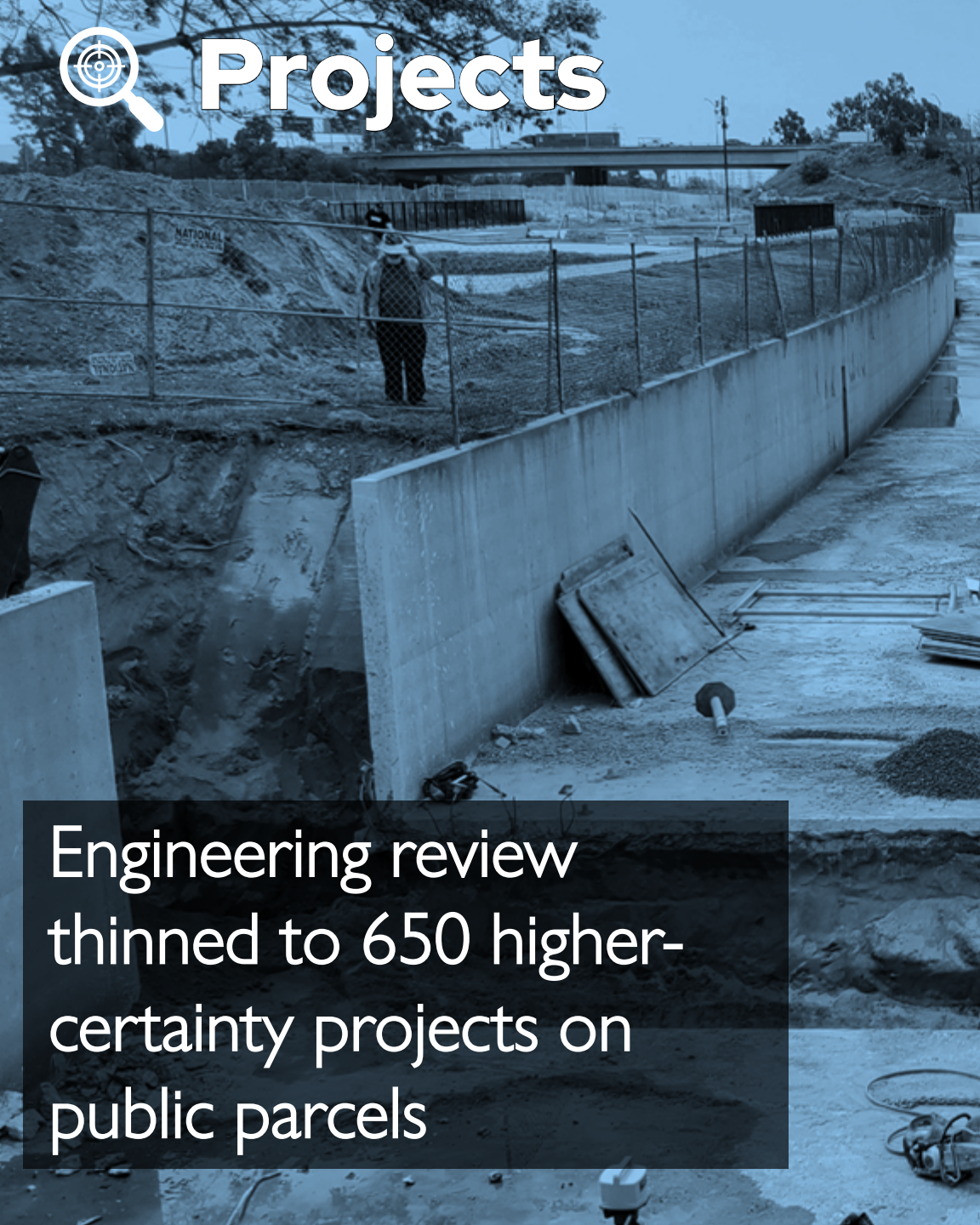
# Projects

Initial list of project opportunities (~4k)

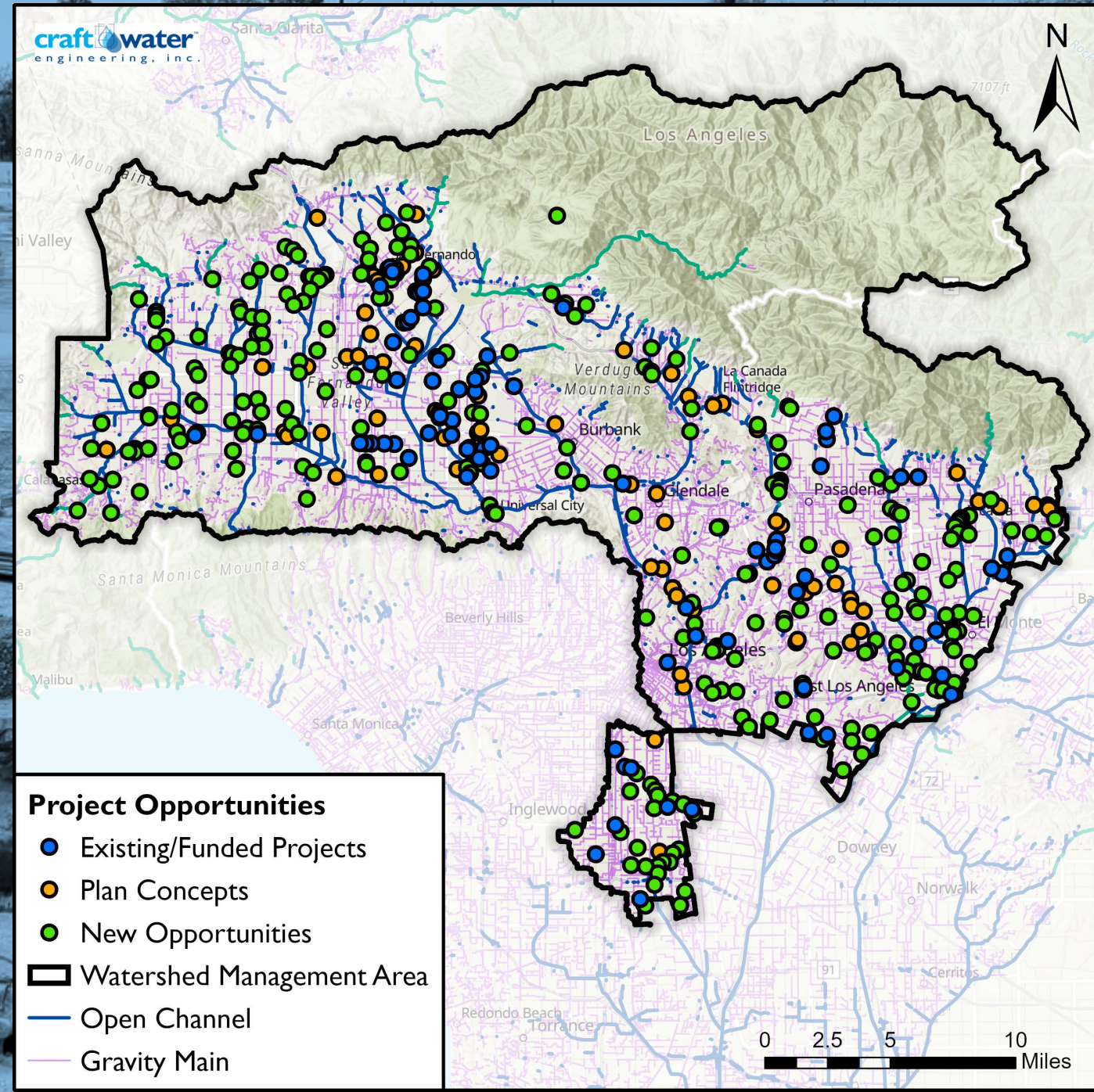




# Projects

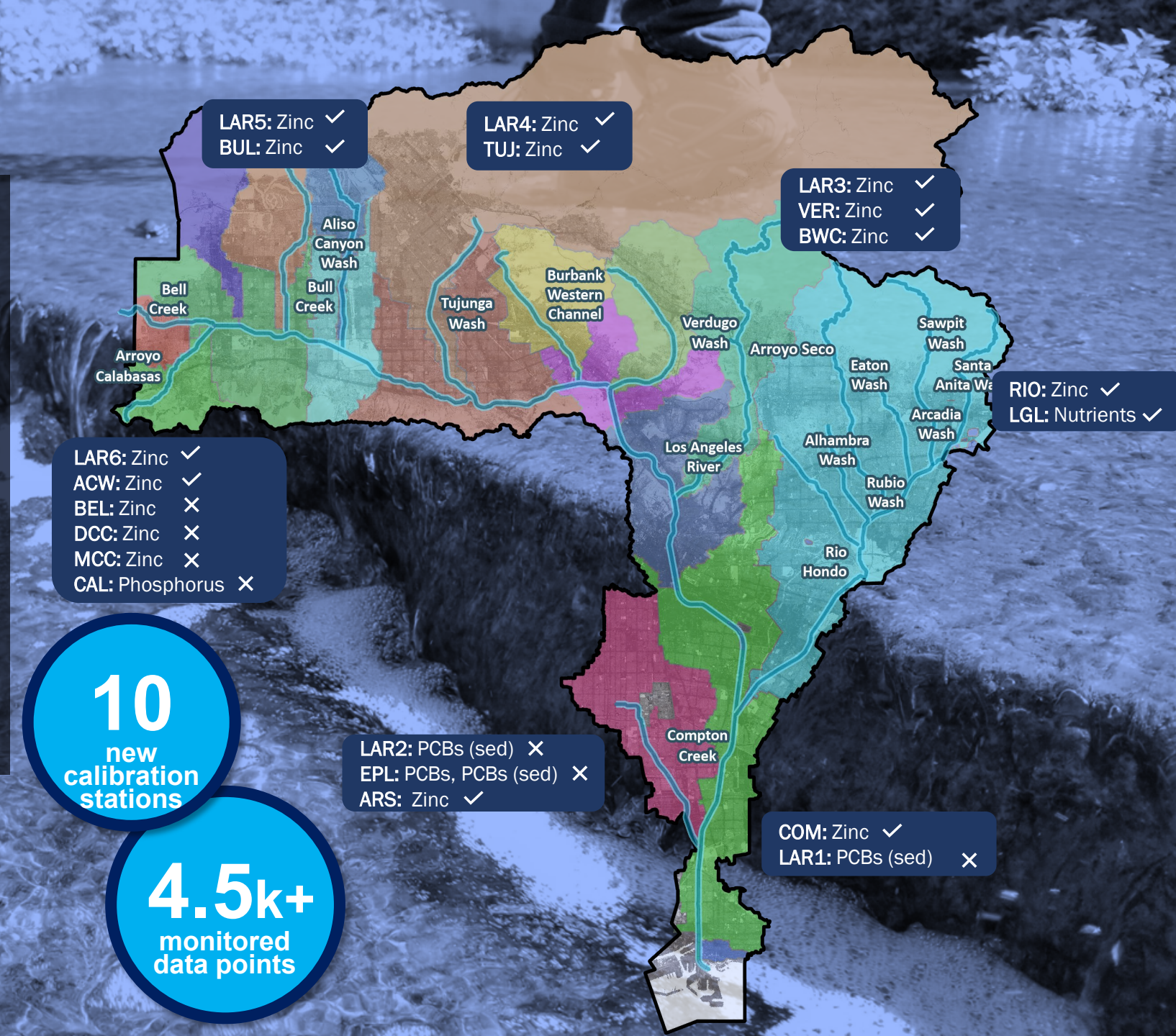


Engineering review  
thinned to 650 higher-  
certainty projects on  
public parcels



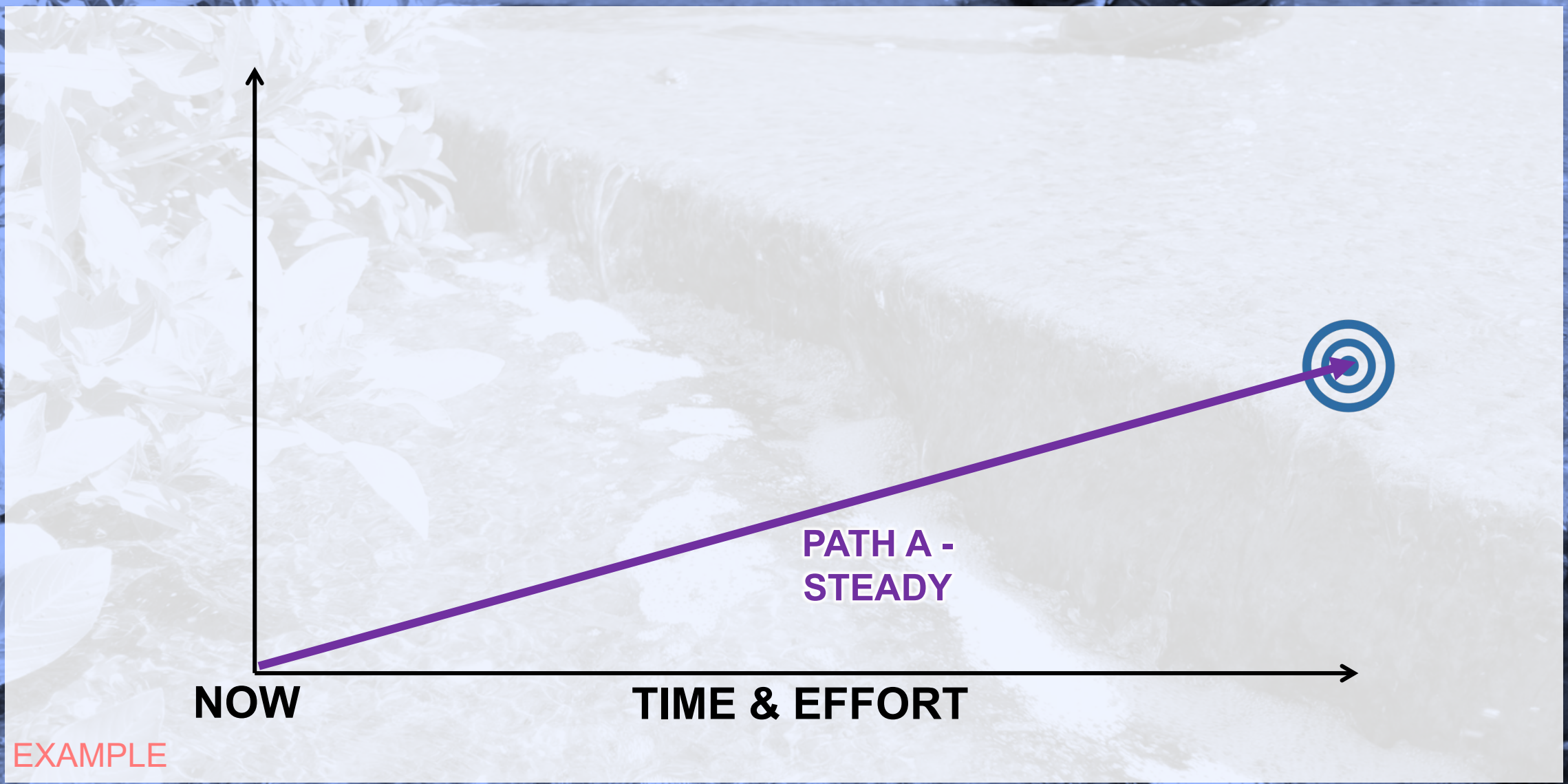
# Pathway

- Watershed model updated to incorporate latest monitoring data
- Modeled all priority pollutants
- Developed targets aligned with watershed-scale pollutant load reduction



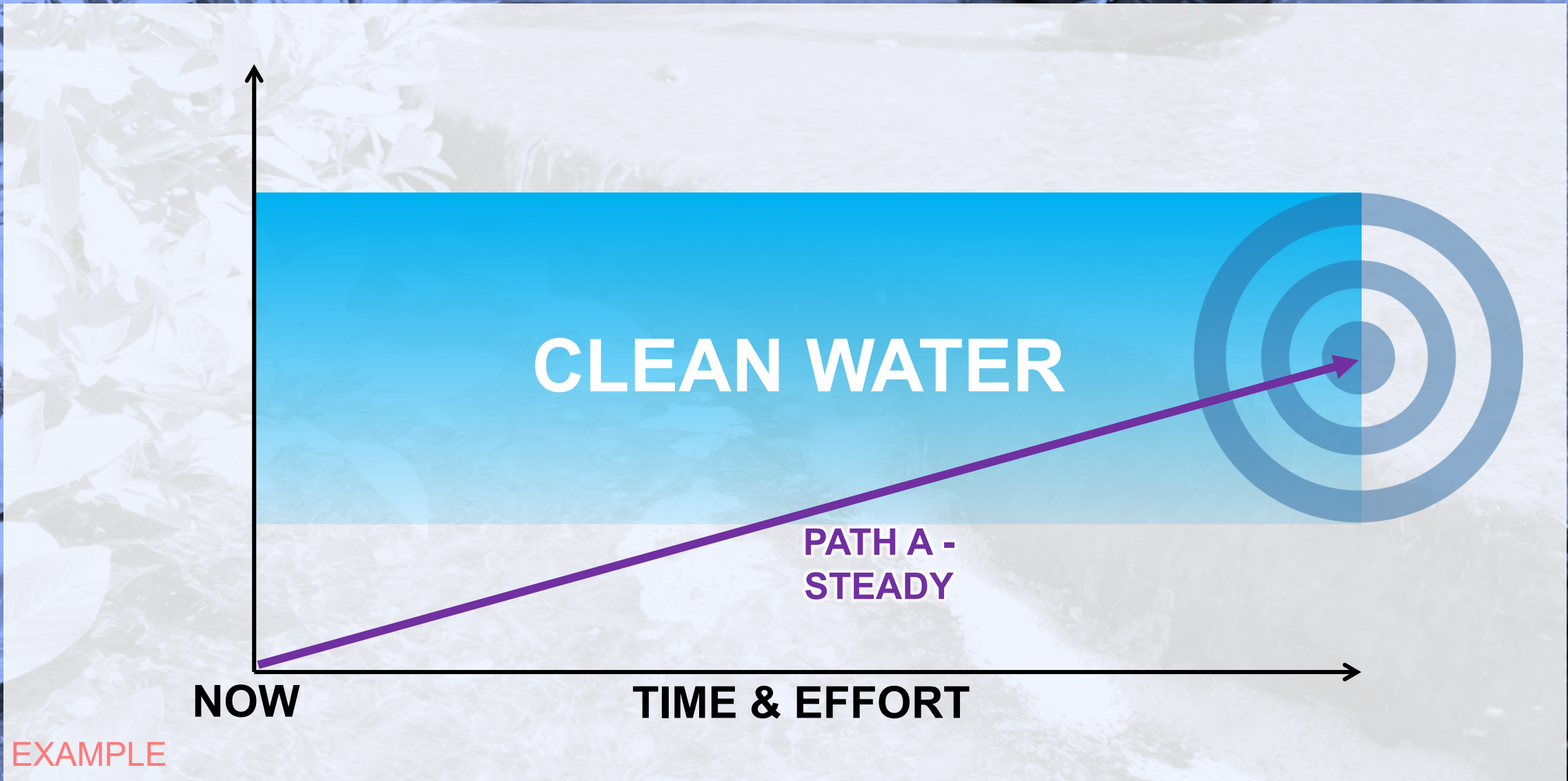
**10**  
new  
calibration  
stations

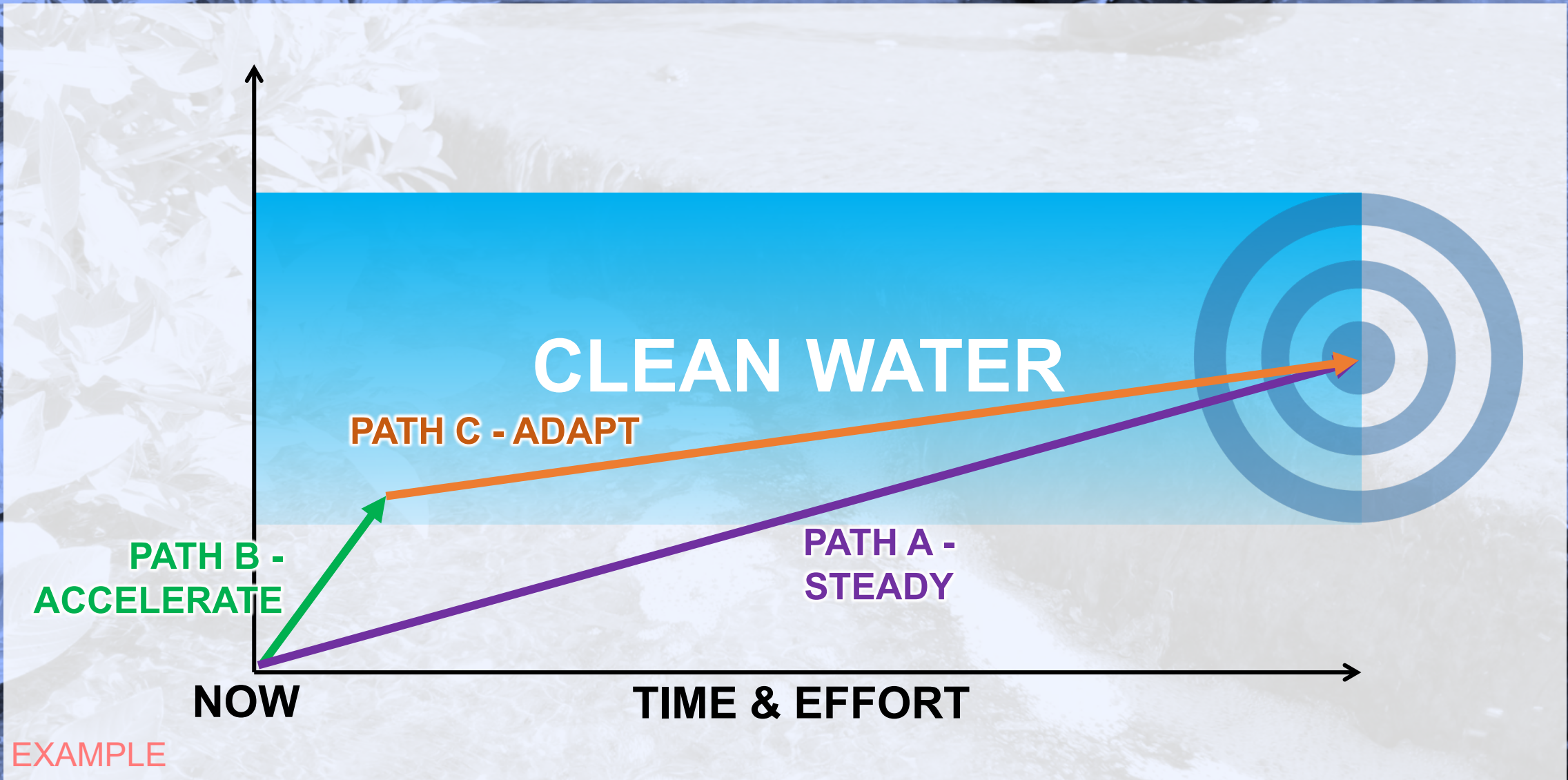
**4.5k+**  
monitored  
data points



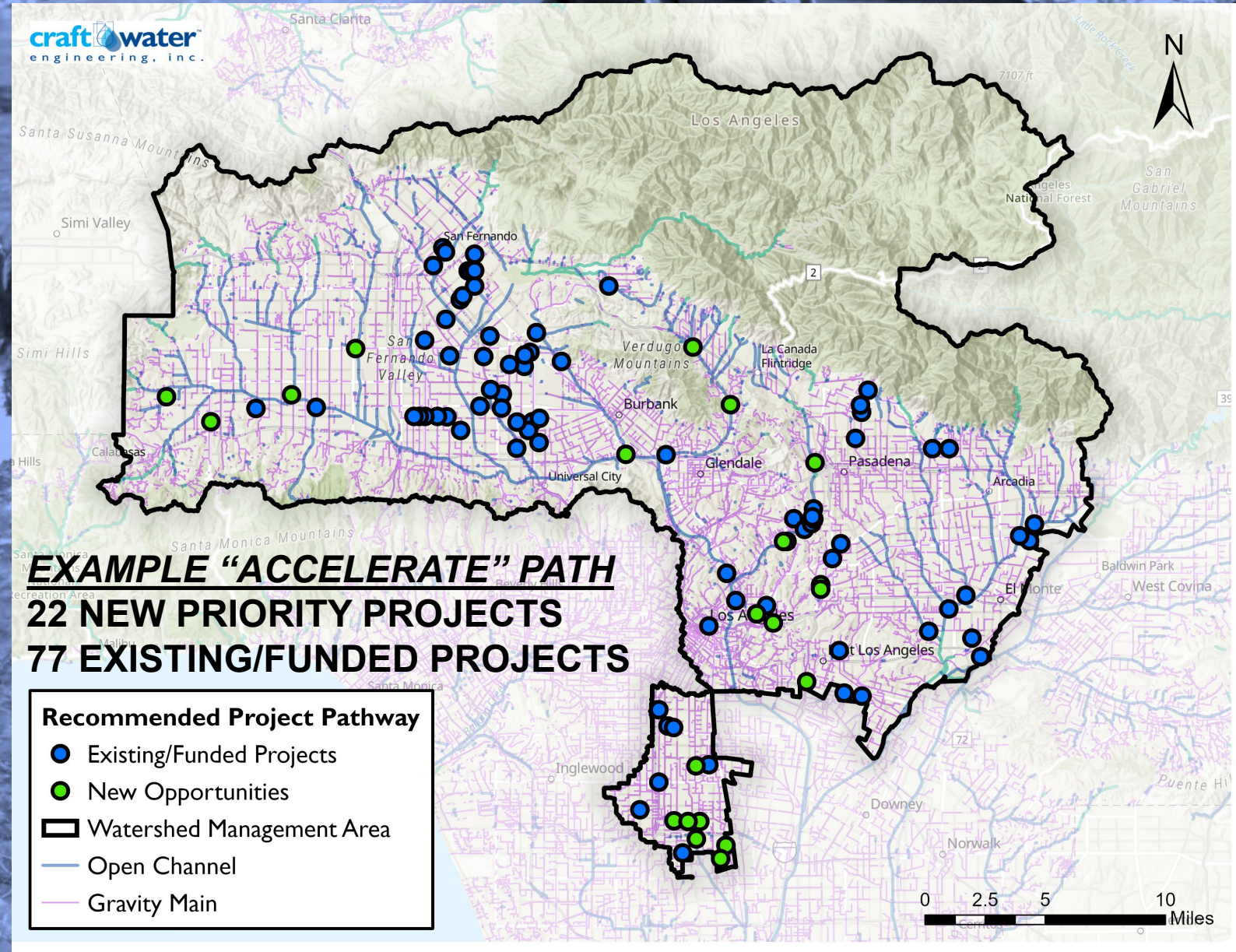
EXAMPLE



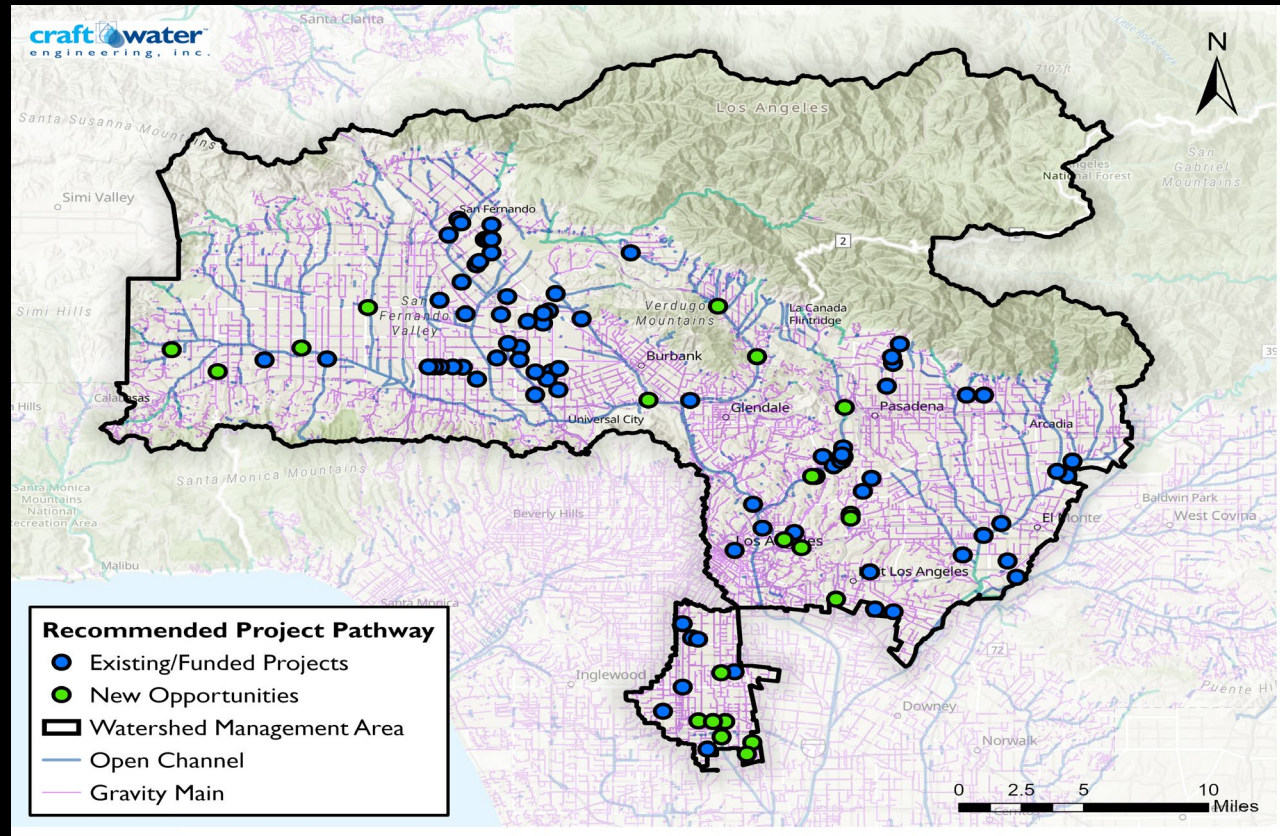




- Project opportunities modeled to evaluate true performance in watershed context
- Identifying near-term “best bang for the buck” projects to achieve clean water
- Also evaluating alternative multi-benefit portfolios



# Platform: Project Pipeline & Scenario Play





# Platform: Project Pipeline & Scenario Play

### Upper LA River WMG

<b>Centralized sBMPs in Scenarios</b> Current 25 <hr/> Potential 431	<b>Decentralized sBMPs in Scenarios</b> Current 0 <hr/> Potential 0
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#### Runoff Volume Reduction

Unit: ac-ft

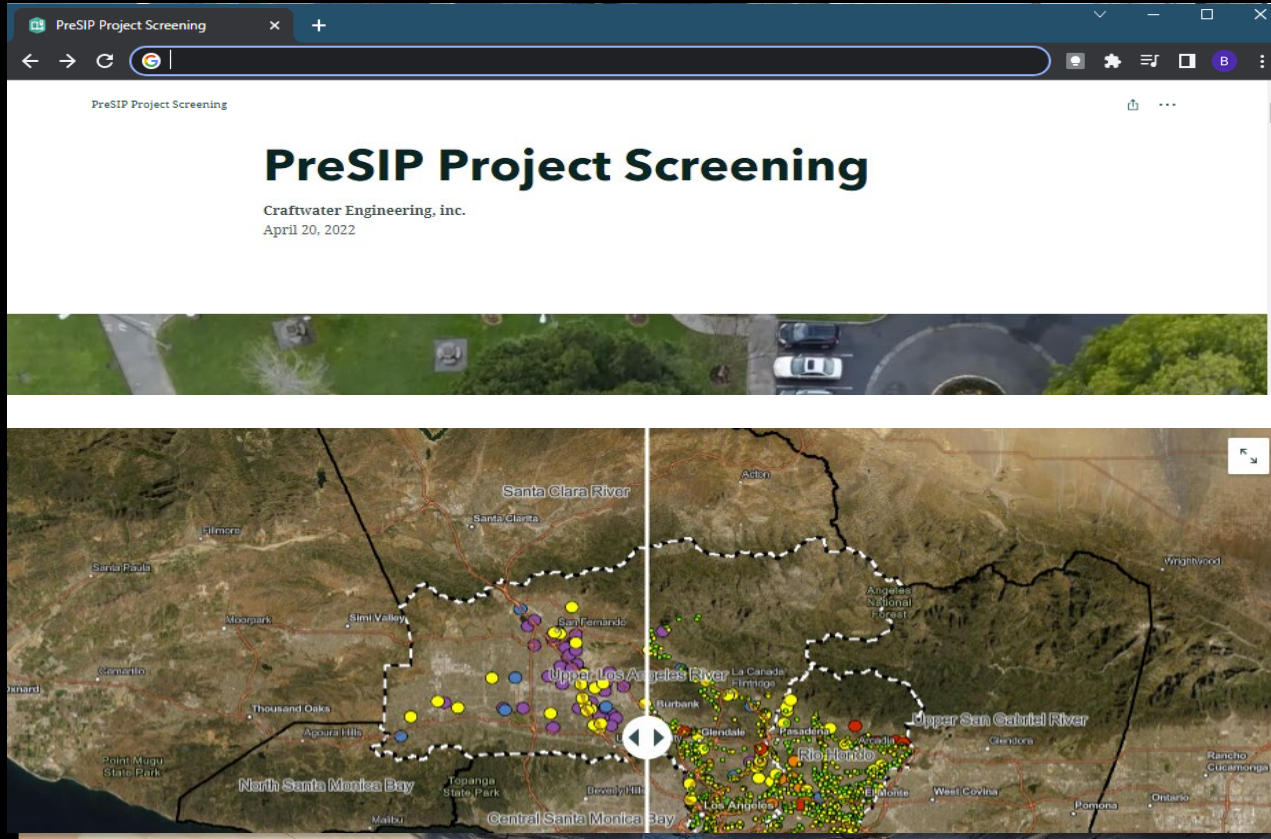
Scenario	Runoff Volume Reduction (ac-ft)
Current	214.6k
Potential	210.4k

#### Particulate Load Reduction

Unit: ton/yr

Scenario	Particulate Load Reduction (ton/yr)
Current	45.7k
Potential	35k

# Platform: Public Exploration & Collaboration





Questions?