SAFE, CLEAN WATER PROGRAM

SAFE CLEAN WATER

PRESENTED BY THE WATERSHED COORDINATOR

AGENDA

SAFE CLEAN WATER PROGRAM

Overview & Mission
Funding
How to apply

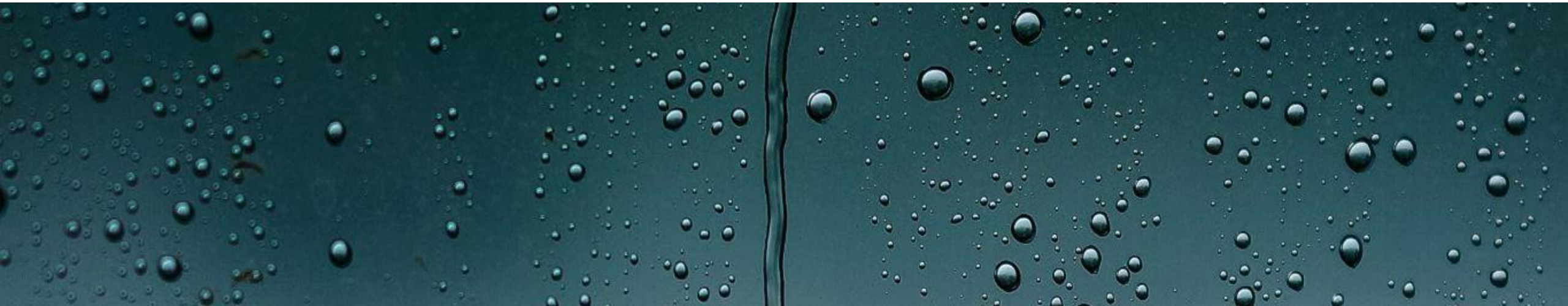
WATERSHED COORDINATION

Our role in the Program

EXAMPLES OF FUNDED PROJECTS

SAFE CLEAN WATER PROGRAM

OVERVIEW



SAFE CLEAN WATER PROGRAM

PASSED AS ‘MEASURE W’ IN 2018

VISION:

By modernizing our 100-year-old water system, we can better protect public health and our environment, and maximize a cleaner, locally controlled water supply.

HOW?

Through the funding of:

multi-benefit stormwater & urban runoff capture projects

WHO?

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

CAPTURE IT
Increase water supply

CLEAN IT
Reduce volume of trash that reaches waterways and the ocean

MAKE IT SAFE
Eliminate toxins and chemicals from our waterways

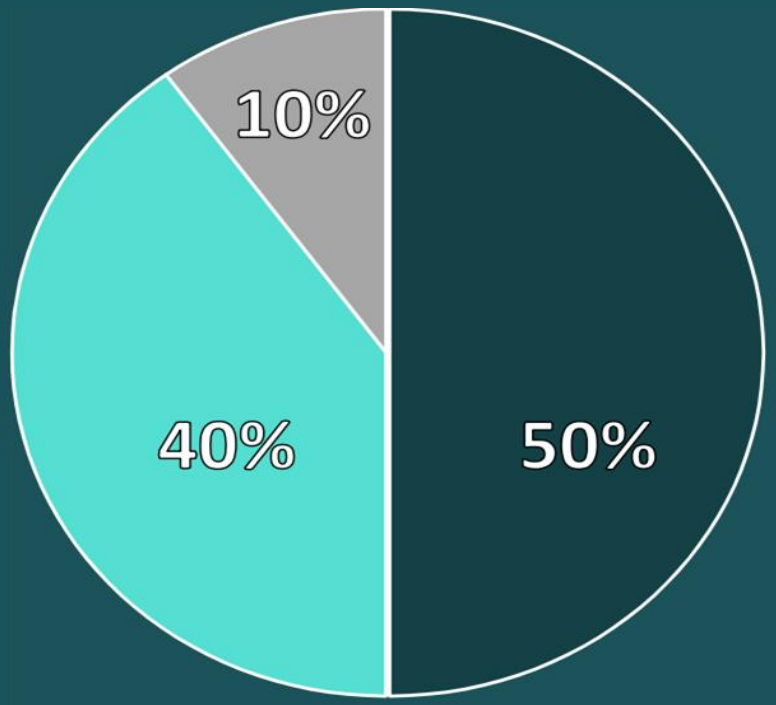
MAKE IT FOR EVERYONE
Provide community benefits

PROGRAM MISSION

SOURCE OF FUNDING:

Revenue is generated from a special parcel tax.

2.5 cents per square foot of impermeable surface area properties in the LA County Flood Control District.



Regional Program
(50% ~ $142.5M annually)

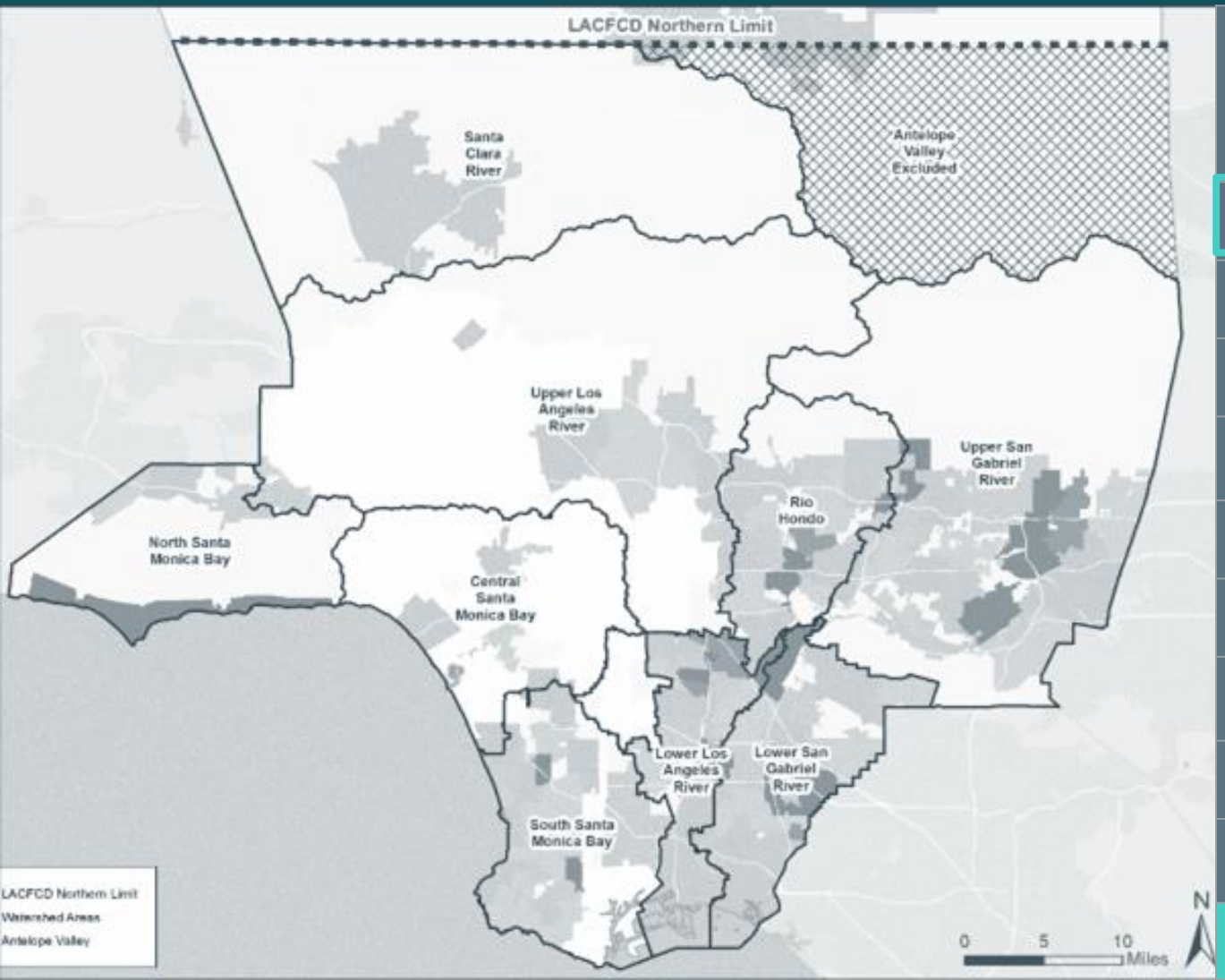
Municipal Program
(40% ~ $114M annually)

District Program
(10% ~ $28.5M annually)

Total Program: Approx. $285M annually

REGIONAL PROGRAM ANNUAL FUNDING DISTRIBUTION

The percentage of funds received by each Watershed Area is proportional to the tax revenues collected within its boundaries



WATERSHED NAME	2020-21 REGIONAL TAX RETURN ESTIMATES
Central Santa Monica Bay	$17.42M
Lower Los Angeles River	$12.72M
Lower San Gabriel River	$16.56M
North Santa Monica Bay	$1.83M
Rio Hondo	$11.49M
Santa Clara River	$5.87M
South Santa Monica Bay	$17.58M
Upper Los Angeles River	$38.44M
Upper San Gabriel River	$18.78M
ANNUAL REGIONAL TOTAL:	$140.6M

HOW MUCH MONEY IS AVAILABLE?

The CSMB FY 22-23 SIP Scenario projects the funds available after allocating Round 3 funding:

		Budget	Projections					
		FY22-23	FY23-24	FY24-25	FY25-26	FY26-27	Future Funding	TOTAL	Annual O&M
A. Anticipated Annual Regional Program Funds Collected		$17.2M	$17.2M	$17.2M	$17.2M	$17.2M		$86.2M	
B. Anticipated Annual Regional Program Funds Available (A+D)		$23.2M	$20.6M	$24.3M	$29.9M	$40M			
C. Total Recommendation in Current SIP		$2.7M	$3.4M	$4.3M	$3.6M	$100k	$0	$14.1M	$2.1M
Total Allocated in Previous SIP(s)		$17.2M	$10.1M	$7.3M	$3.6M	$400k	$0	$38.6M	$2.3M
D. Remaining Balance/Rollover Funds (B-C)	$6M	$3.3M	$7.1M	$12.7M	$22.7M	$39.5M			Total: $4.4M
E. Percent Allocated (C/B)		86%	66%	48%	24%	1%		61%	

Explore the Stormwater Infrastructure Plan (SIP) Tool for more scenarios >

WATERSHED COORDINATOR ROLE

HOW WE SUPPORT PROJECTS

WATERSHED COORDINATOR ROLE:

Each of the 9 watershed has an assigned Coordinator or team of Coordinators (depending on watershed size)

1

Solicit & Support New Projects

Identify parties with project ideas & connect them with resources and supports

Support regional coordination efforts to maximize impact & efficiency

2

Community Engagement

Gather data on community needs that SCW projects can help address

Engage community members in project prioritization, design, construction, etc.

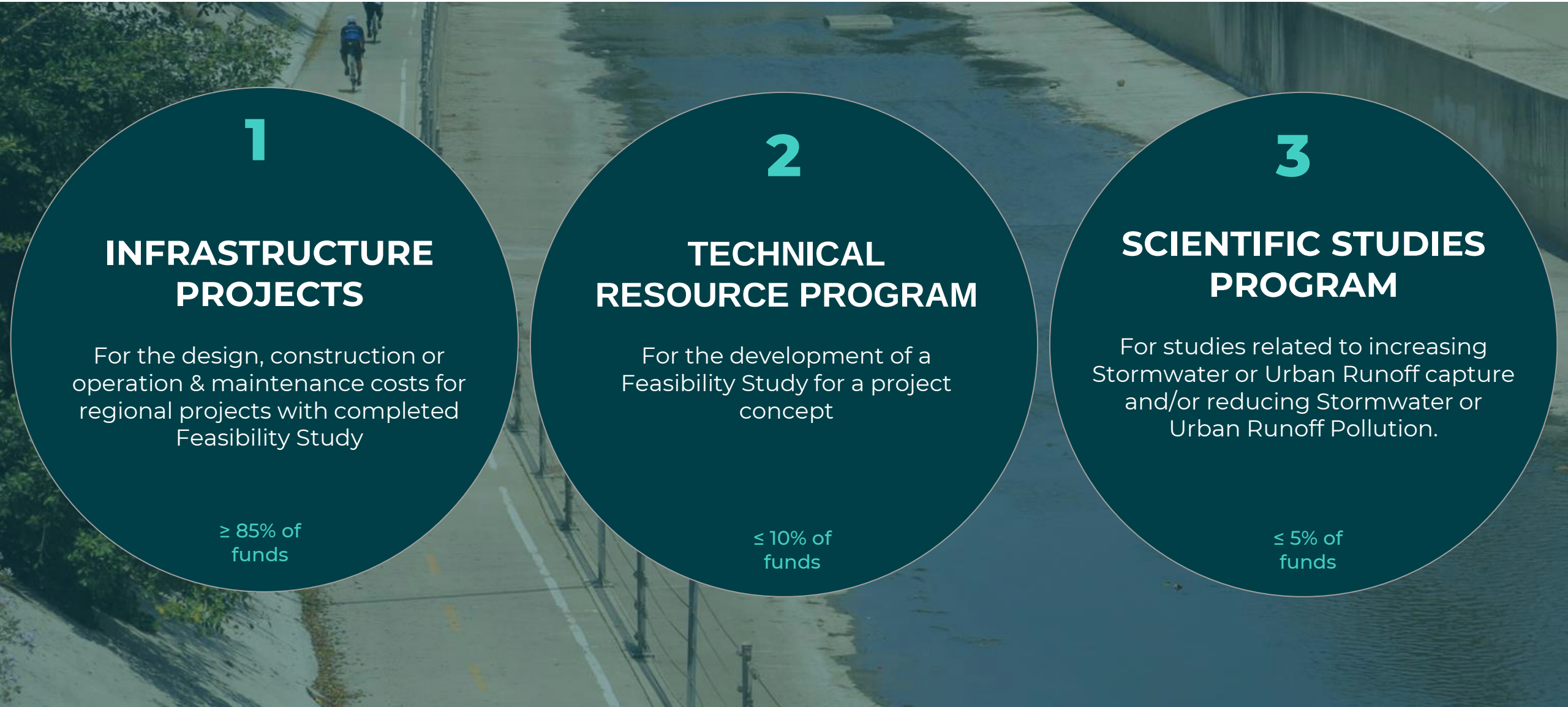
3

Public Education

Educate the public about SCWP projects in their communities and how they can engage with the program

TYPES OF PROGRAMS FUNDED

BY THE REGIONAL PROGRAM:



1

INFRASTRUCTURE PROJECTS

For the design, construction or operation & maintenance costs for regional projects with completed Feasibility Study

≥ 85% of funds

2

TECHNICAL RESOURCE PROGRAM

For the development of a Feasibility Study for a project concept

≤ 10% of funds

3

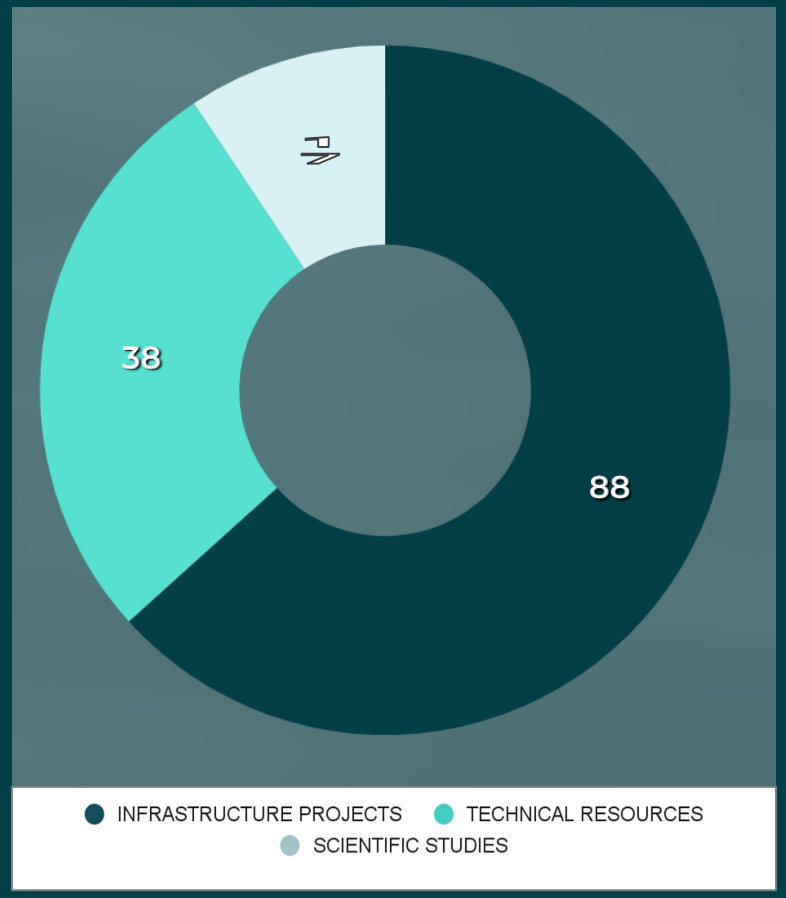
SCIENTIFIC STUDIES PROGRAM

For studies related to increasing Stormwater or Urban Runoff capture and/or reducing Stormwater or Urban Runoff Pollution.

≤ 5% of funds

PROJECTS FUNDED TO DATE

From 3 Funding Rounds



Cumulatively, these projects...

Invest in stormwater projects:	**$700M**
Leveraged funds:	**$368M**
Capture stormwater in:	**46** cities & unincorporated communities
Invest in Disadvantaged Communities*	**$530M**; **36%** of funded projects
Capture stormwater across	**222,000** acres
Increase annual stormwater capture potential of approximately:	**56,915** acre-feet; enough for ~**553k** residents
Gallons/stormwater capacity:	**394M** gallons per typical storm

**Includes leveraged funds from non-SCW sources.*

EXAMPLES OF FUNDED PROJECTS

INFRASTRUCTURE PROJECT EXAMPLE

Edward Vincent Jr. Park

Proposes to capture, treat, and infiltrate water in a park in Inglewood while creating new recreational opportunities.

PROJECT LEAD: City of Inglewood
WATERSHED: Central Santa Monica Bay
FUNDED IN: FY 22-23
AMOUNT: $3,235,000 (Design)

PROJECT FEATURES:

- Infiltration chambers under baseball field
- Dry creek channel leading to bioretention area
- Native vegetation and canopy cover
- New walking paths
- Benefits surrounding DACs

INFRASTRUCTURE PROJECT EXAMPLE

Burton Way Median Green Street and Water Efficient Landscape

A multi-benefit stormwater capture and re-use project in Beverly Hills .

PROJECT LEAD: Beverly Hills
WATERSHED: Central Santa Monica Bay
FUNDED IN: FY 20-21
AMOUNT: $5 Million (Construction)

PROJECT FEATURES:

- 1 MG reservoir for capture and re-use
- New landscape and feature will save 16 AFY in irrigation.
- Two 15ft. Swales to treat urban runoff
- Signage providing educational information

TRP PROJECT EXAMPLE

Syd Kronenthal Park Stormwater Capture Project

A feasibility study was required for a runoff diversion project which would capture water in a large-scale underground storage chamber and shallow reservoir used for passive irrigation for the park

PROJECT LEAD: City of Culver City
WATERSHED: Central Santa Monica Bay
FUNDED IN: 2020-21
AMOUNT: $300,000

POTENTIAL PROJECT FEATURES:

- Groundwater infiltration
- Nature trail and expanded bike trails
- Improvements to the park sports field
- Enhanced greenspace

SCIENTIFIC STUDY EXAMPLE

Community Garden Stormwater Capture Investigation

Study proposes to investigate opportunities for community gardens to function as stormwater capture facilities.

PROJECT LEADS: Los Angeles Community Garden Council
WATERSHED: Central Santa Monica Bay, Lower LA River, Lower San Gabriel River, Rio Hondo, South Santa Monica Bay, Upper San Gabriel River, Upper LA River
FUNDED IN: FY 22-23
AMOUNT: $ 943,379.00

STUDY GOALS:

- Identify Community Garden locations in LA County that have potential for stormwater capture.
- Engage through direct dialog with gardeners on potential garden sites to ensure any recommendations are supported by the community the garden serves.
- Identify 3 high potential sites and produce a concept report for each.

SCIENTIFIC STUDY EXAMPLE

LAUSD Living Schoolyards Program Pilot Study

Study proposes to research the particular needs of schools for capturing on- and off-site stormwater relative to nature-based and traditional solutions.

PROJECT LEAD: Tree People
WATERSHED: Upper LA River
FUNDED IN: FY 21-22
AMOUNT: $ 943,379.00

STUDY GOALS:

- To study how current stormwater capture techniques need to be implemented to achieve water supply and quality improvements on 10 school campuses in LAUSD.
- To determine the best nature-based solutions for each school campus.
- To determine how school greening efforts can result in multiple benefits.
- To determine how each school campus and surrounding neighborhoods can help adapt to the effects of climate change through increasing tree canopy and green space.

INFRASTRUCTURE PROJECT EXAMPLE

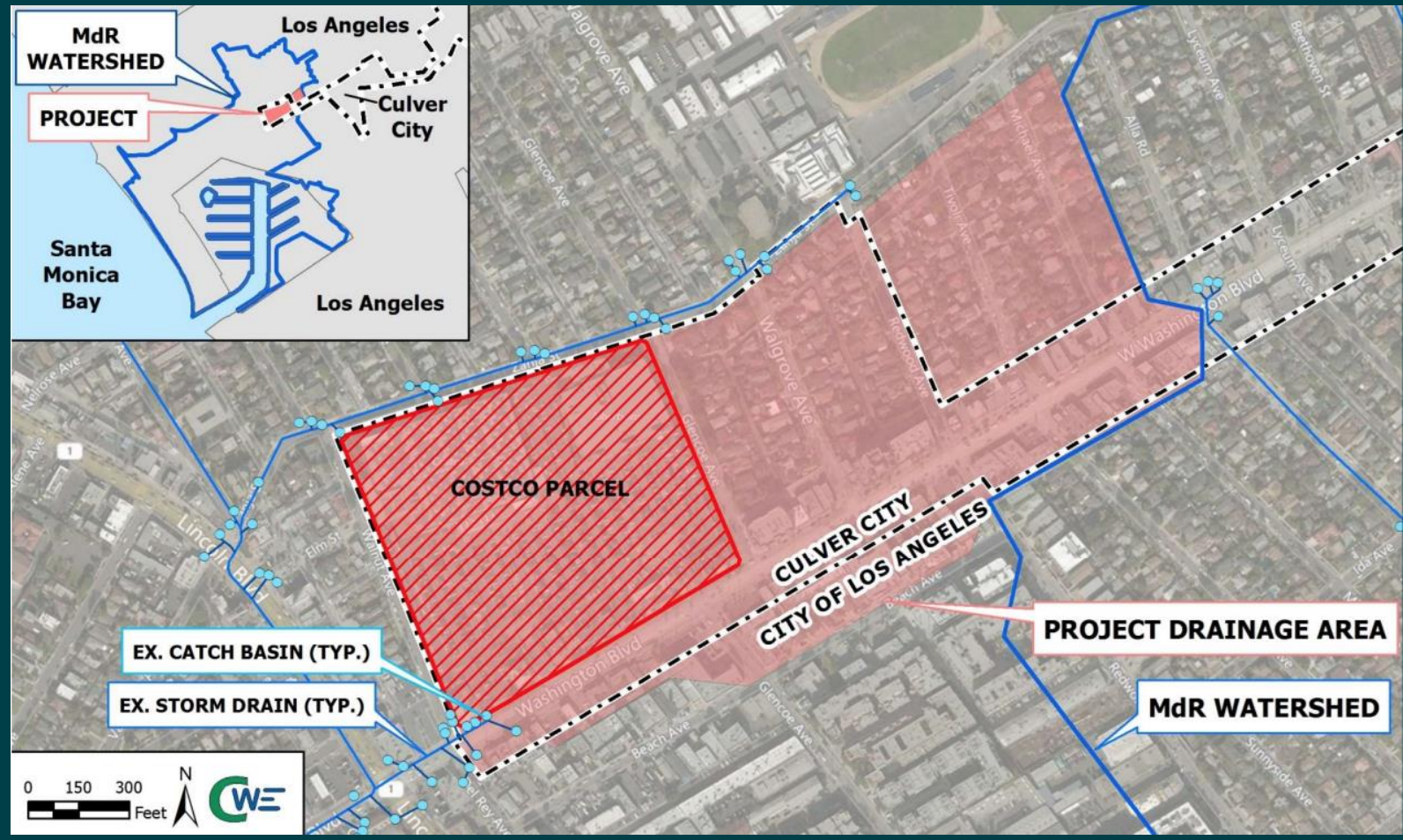
Washington Boulevard Stormwater and Urban Runoff Diversion Project

Water capture and sanitary sewer diversion project.

PROJECT LEAD: Culver City
WATERSHED: Central Santa Monica Bay
FUNDED IN: 2020
SCW FUNDING: $3.6 Million
TOTAL COST: $12 Million

PROJECT FEATURES:

- Subsurface storage system to capture storm event runoff.
- Dry and wet weather runoff will be diverted to sanitary sewer which will be treated at the Hyperion Water Reclamation Plant.
- Some captured water will be used for median irrigation.



PUBLIC-PRIVATE PARTNERSHIPS: CASE STUDY

Washington Boulevard Stormwater and Urban Runoff Diversion Project

This project was identified in the Marina del Rey EWMP plan as necessary for reducing pollution reaching Marina del Rey.

When Costco, which occupies ~30% of the drainage area, applied for a redevelopment permit, the City saw the opportunity to partner with Costco to implement this project. Costco and Culver City entered into an MOU.

Costco's Contribution

- Financially contributed to design, construction, and O&M costs ($1,345,000).
- Project partially took place on Costco land. **

Costco's Benefits *

- Are in compliance with NPDES requirements and are able to get their redevelopment permit.
- More cost-effective than implementing their own stormwater project.

Culver City's Contribution

- Takes responsibility for NPDES requirements.
- Implements project.
- Takes on liability.
- Financially contributed to project

Culver City's Benefits

- Got a financial contribution from Costco.
- Gained access to a parcel that captures about 30% of the City's drainage area to MDR. **

*In this case tax savings was not a significant motivator.
** Actual construction on Costco's property was limited to small area along the sidewalk for an electrical cabinet.

safecleanwaterla.org

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