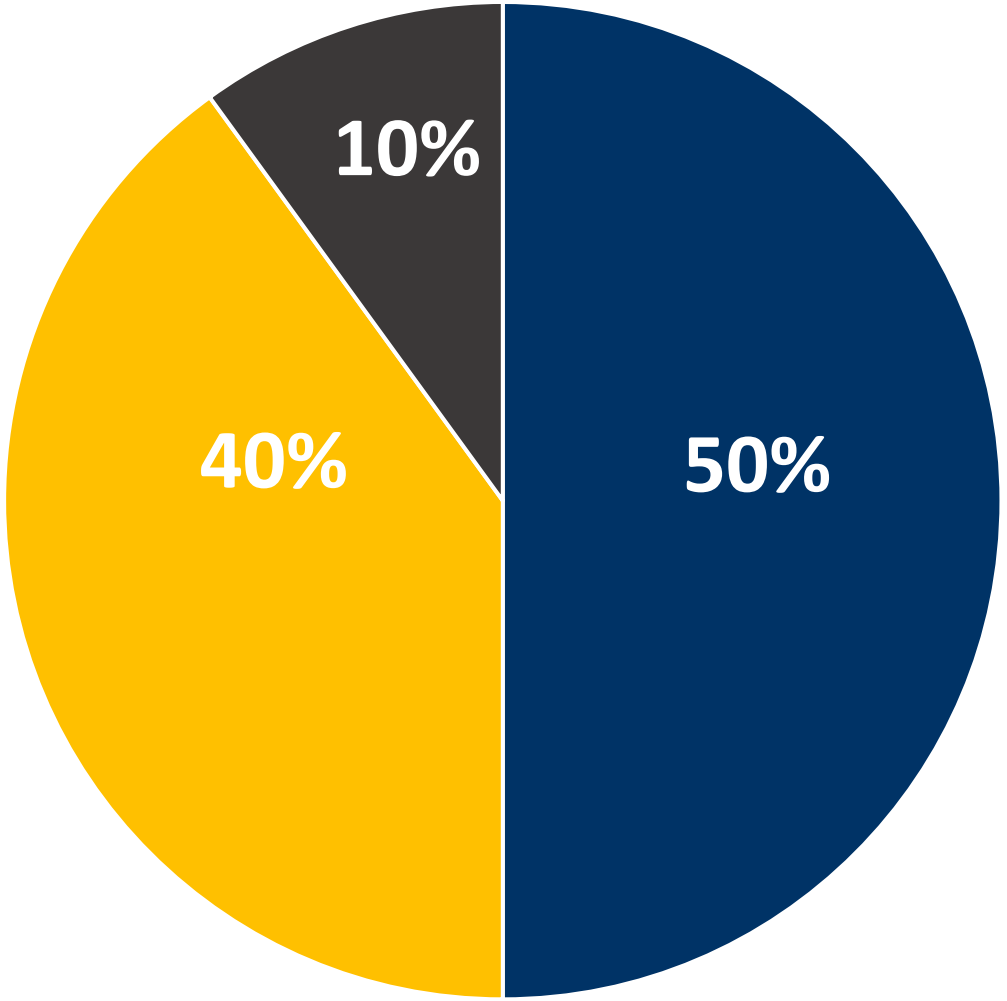

SAFE CLEAN WATER PROGRAM

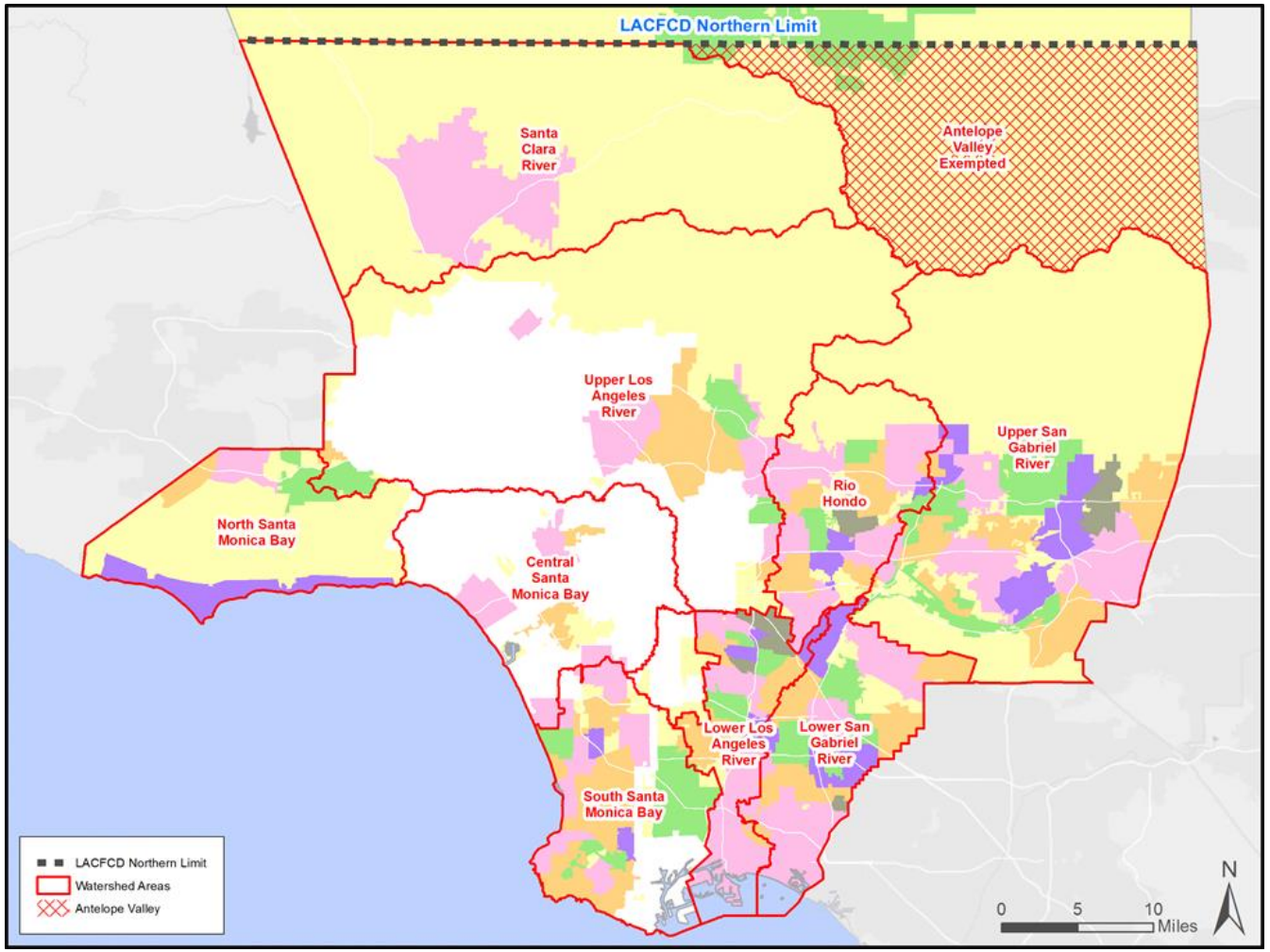
Safe, Clean Water Program Fund Allocation



- Regional Program
  (50% = ~$142.5M annually)
- Municipal Program
  (40% = ~$114M annually)
- FCD Program
  (10% = ~$28.5M annually)

Total Program: Approx. $285M annually)

Regional Program

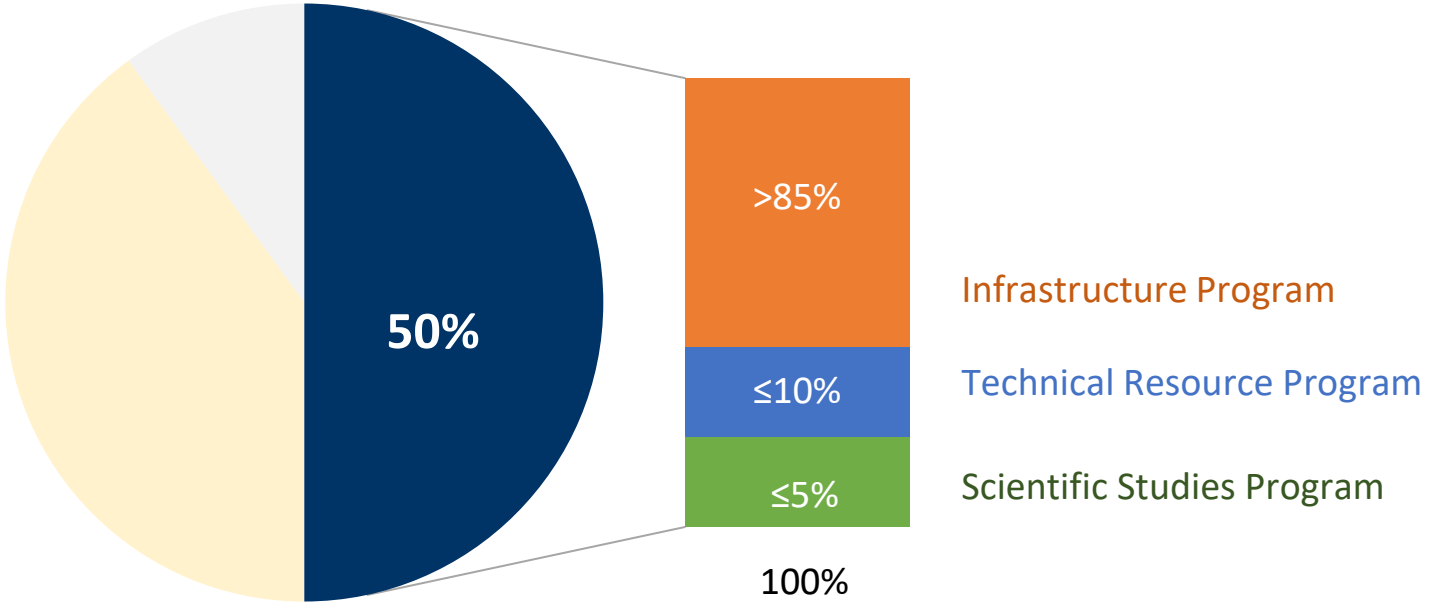


WATERSHED AREA	ANNUAL RETURN*
Central Santa Monica Bay	$17.42 Million
Lower Los Angeles River	$12.72 Million
Lower San Gabriel River	$16.56 Million
North Santa Monica Bay	$1.83 Million
Rio Hondo	$11.49 Million
Santa Clara River	$5.87 Million
South Santa Monica Bay	$17.58 Million
Upper Los Angeles River	$38.44 Million
Upper San Gabriel River	$18.78 Million

*2020-21 Regional Tax Return Estimates

50% Program revenue

Regional Program



Not less than 85%: Infrastructure Program

- To implement Multi-Benefit watershed-based Projects

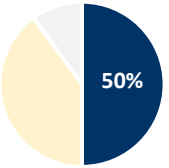
Up to 10% Technical Resource Program

- To provide resources for the development of Feasibility Studies through support from Technical Assistance Teams
- To provide Watershed Coordinators to educate and build capacity in communities and facilitate community and stakeholder engagement

Up to 5%: Scientific Studies

- To provide funding for eligible scientific and other activities

Regional Program-Infrastructure Program



Project Applicants:

- Any entity with a completed Feasibility Study
  - Feasibility Studies funded by Technical Resource Program
- Requires Municipal sponsors (MOU)

Safe Clean Water Project Scoring Website:
https://portal.safecleanwaterla.org/projects-module/application

Projects and Activities:

- Multi-benefit
- Watershed-based
- Water Quality Benefit plus either or both…
  - Water Supply Benefit
  - Community Investments Benefit
- Projects to be included in an approved water quality plan such as E/WMP, IRWM, and others
- Design, construction, land acquisition, O&M, programs, and other eligible activities

Infrastructure Program - 19 Feasibility Study Requirements

P. 47 in SCW Handbook

1. Detailed description of the proposed Project
2. Description and estimate of the benefits provided
   - Calculated through WMMS in the Project Module
3. Estimated schedule
4. Review of effectiveness of similar types of Projects
5. Monitoring plan

Infrastructure Program - 19 Feasibility Study Requirements

6 Lifecycle cost estimate and schedule
- Calculated in the Project Module. Must include ALL project costs.

7 O&M Plan

8 Engineering analysis
- E.g. soil sampling, geotechnical investigations, hydrology report, etc.

9 Potential CEQA-related and permitting challenges
- Include associated time requirements and cost.

10 Letter of support from the Municipality
- Must include concurrence with the plan for O&M

Infrastructure Program- 19 Feasibility Study Requirements

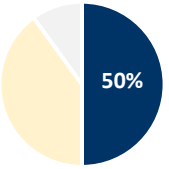
11	Outreach/engagement Plan
12	Comply with any County-wide displacement goals
13	Vector Minimization Plan • Recommend review by local vector control district
14	Description of how Nature-Based Solutions are utilized • Interim Nature-Based Solutions Programming Guidelines
15	Summary of any legal requirements or obligations

Infrastructure Program- 19 Feasibility Study Requirements

16	Confirmation of conceptual approval from LACFCD
17	Acknowledgement of eligible expenditures • Only those incurred on or after November 6, 2018
18	Leveraged funds
19	Summary of how project will benefit DACs • Interim Disadvantaged Community Programming Guidelines

Refer to **Feasibility Study Guidelines** at **SafeCleanWaterLA.org** for more information

Infrastructure Program-Project Scoring Criteria



All Regional Program Projects must meet the Threshold Score of 60 points or more.

P. 54 in SCW Handbook

Section	Score Range
A.1 Wet + Dry Weather Water Quality Benefits	50 points max
-OR-	
A.2 Dry Weather Only Water Quality Benefits	40 points max
B. Significant Water Supply Benefits	25 points max
C. Community Investments Benefits	10 points max
D. Nature-Based Solutions	15 points max
E. Leveraging Funds and Community Support	10 points max
TOTAL	**110 points**

Scoring Criteria – Water Quality Benefits

A.1 Wet + Dry Weather Water Quality Benefits	50 points max	The Project provides water quality benefits
	20 points max	A.1.1: For Wet Weather BMPs Only: Water Quality Cost Effectiveness (Cost Effectiveness) = (24-hour BMP Capacity)[1] / (Capital Cost in $Millions) • <0.4 (acre feet capacity / $-Million) = 0 points • 0.4-0.6 (acre feet capacity / $-Million) = 7 points • 0.6-0.8 (acre feet capacity / $-Million) = 11 points • 0.8-1.0 (acre feet capacity / $-Million) = 14 points • >1.0 (acre feet capacity / $-Million) = 20 points *[1]. Management of the 24-hour event is considered the maximum capacity of a Project for a 24-hour period. For water quality focused Projects, this would typically be the 85th percentile design storm capacity. Units are in acre-feet (AF).*
- OR -	30 points max	A.1.2: For Wet Weather BMPs Only: Water Quality Benefit - Quantify the pollutant reduction (i.e. concentration, load, exceedance day, etc.) for a class of pollutants using a similar analysis as the E/WMP which uses the Districts Watershed Management Modeling System (WMMS). The analysis should be an average percent reduction comparing influent and effluent for the class of pollutant over a ten-year period showing the impact of the Project. Modeling should include the latest performance data to reflect the efficiency of the BMP type. <u>Primary Class of Pollutants</u> • >50% = 15 points • >80%= 20 points *(20 Points Max)* <u>Second or More Classes of Pollutant</u> • >50% = 5 points • >80%= 10 points (10 Points Max)
A.2 Dry Weather Only Water Quality Benefits	20 points	A.2.1: For dry weather BMPs only, Projects must be designed to capture, infiltrate, treat and release, or divert 100% (unless infeasible or prohibited for habitat, etc) of all tributary dry weather flows.
	20 points max	A.2.2: For Dry Weather BMPs Only. Tributary Size of the Dry Weather BMP • <200 Acres = 10 points • >200 Acres = 20 points

Point thresholds & equations determined based on an extensive stakeholder review of projects

- Any projects

- Projects designed for 0.25-inch rain events or below.
- Must capture, infiltrate, or divert 100% dry weather flows.

Scoring Criteria – Section A1.2

Long-term pollutant reduction can be calculated in the Project Module through the Watershed Management Modeling System (WMMS).

www.lacountywmms.com

Potential modeling metrics for analysis of long-term pollutant reduction

		Pick Any One Primary Pollutant Class and Any One Secondary Pollutant Class		
Pollutant Class	**Pollutant Name**	**Method 1 (% Concentration Reduction)**	**Method 2 (% Load Reduction)**	**Method 3 (% Exceedance Day Reduction)**
Primary or Secondary	Bacteria	✔	✔	✔
	Metals	✔	✔	
	Toxics		✔	
	Nutrients	✔	✔	
	Chloride	✔	✔	
Secondary	Trash		✔	✔
	Bacteria	✔	✔	✔
	Metals	✔	✔	
	Toxics		✔	
	Nutrients	✔	✔	
	Chloride	✔	✔	

Notes:
-The Secondary Pollutant Class includes all primary pollutants with the addition of trash (NOTE: the primary pollutant class cannot be the same as the secondary pollutant class).
-Primary and secondary pollutants are pollutants subject to TMDLs for the nearby downstream receiving waters of the project.
-Secondary pollutants may also include 303(d)-listed pollutants and pollutants that have been subject to exceedances during recent monitoring programs.
-Trash is not considered a valid primary pollutant. For estimate of trash reduction, the analysis can demonstrate equivalence with the Full Capture System definition for 100% reduction.

Scoring Criteria – Water Supply Benefits

B. Significant Water Supply Benefits	25 points max	The Project provides water re-use and/or water supply enhancement benefits
	13 points max	B1. Water Supply Cost Effectiveness. The Total Life-Cycle Cost[2] per unit of acre foot of Stormwater and/or Urban Runoff volume captured for water supply is: • >$2500/ac-ft = 0 points • $2,000–2,500/ac-ft = 3 points • $1500-2,000/ac-ft = 6 points • $1000–1500/ac-ft = 10 points • <$1000/ac-ft = 13 points *[2]. Total Life-Cycle Cost: The annualized value of all Capital, planning, design, land acquisition, construction, and total life O&M costs for the Project for the entire life span of the Project (e.g. 50-year design life span should account for 50-years of O&M). The annualized cost is used over the present value to provide a preference to Projects with longer life spans.*
	12 points max	B2. Water Supply Benefit Magnitude. The yearly additional water supply volume resulting from the Project is: • <25 ac-ft/year = 0 points • 25 - 100 ac-ft/year = 2 points • 100 - 200 ac-ft/year = 5 points • 200 - 300 ac-ft/year = 9 points • >300 ac-ft/year = 12 points

Typically for spreading facilities or diversions to sanitary sewer for recycled water

Scoring Criteria – Community Investments Benefits

Section	Score Range	Scoring Standards
C. Community Investments Benefits	10 points max	The Project provides Community Investment Benefits
	10 points	C1. Project includes: • One of the Community Investment Benefits identified below = 2 points • Three distinct Community Investment Benefits identified below = 5 points • Six distinct Community Investment Benefits identified below = 10 points Community Investment Benefits include: • Improved flood management, flood conveyance, or flood risk mitigation • Creation, enhancement, or restoration of parks, habitat, or wetlands • Improved public access to waterways • Enhanced or new recreational opportunities • Greening of schools • Reducing local heat island effect and increasing shade • Increasing the number of trees increase and/or other vegetation at the site location that will increase carbon reduction/sequestration and improve air quality.

Explanation must include supporting analysis and information

Scoring Criteria – Nature-Based Solutions

D. Nature-Based Solutions	15 points max	The Project implements Nature-Based Solutions
	15 points	D1. Project: • Implements natural processes or mimics natural processes to slow, detain, capture, and absorb/infiltrate water in a manner that protects, enhances and/or restores habitat, green space and/or usable open space = 5 points • Utilizes natural materials such as soils and vegetation with a preference for native vegetation = 5 points • Removes Impermeable Area from Project (1 point per 20% paved area removed) = 5 points

If Nature-Based Solutions are not utilized, include an explanation, with supporting analysis and information, of why it is not feasible to do so.

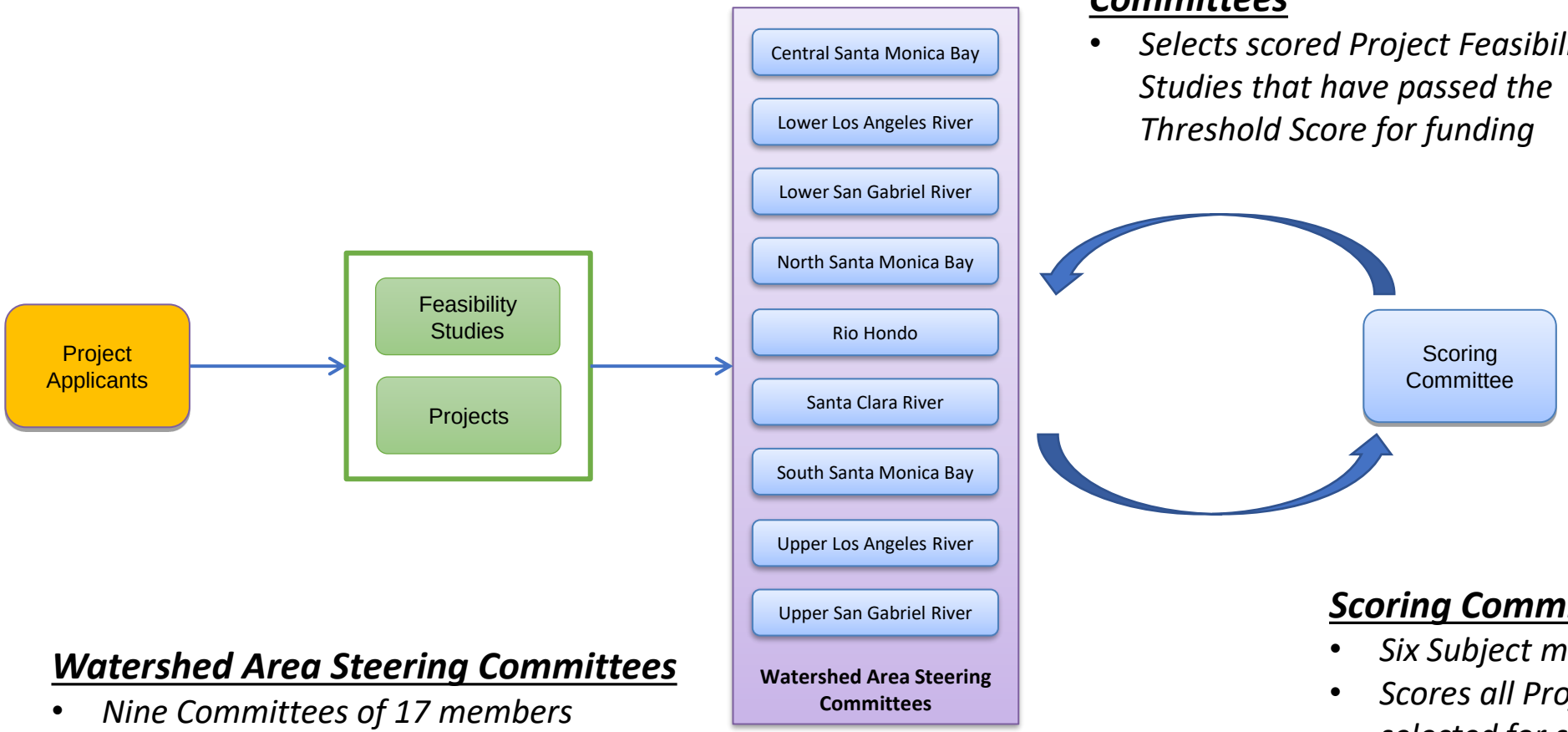
Refer to **Interim Nature-Based Solutions Programming Guidelines**

Scoring Criteria – Leveraging Funds

E. Leveraging Funds and Community Support	10 points max	The Project achieves one or more of the following:
	6 points max	E1. Cost-Share. Additional Funding has been awarded for the Project. • >25% Funding Matched = 3 points • >50% Funding Matched = 6 points
	4 points	E2. The Project demonstrates strong local, community-based support and/or has been developed as part of a partnership with local NGOs/CBOs.

Other funding sources could include funds from the SCW Municipal Program

Infrastructure Program -Process



Watershed Area Steering Committees

- *Selects scored Project Feasibility Studies that have passed the Threshold Score for funding*

Watershed Area Steering Committees

- *Nine Committees of 17 members*
- *Selects Projects Feasibility Studies for scoring*
- *Staff support provided by the District*

Scoring Committee

- *Six Subject matter experts*
- *Scores all Project Feasibility Studies selected for scoring*
- *Staff support provided by the District*