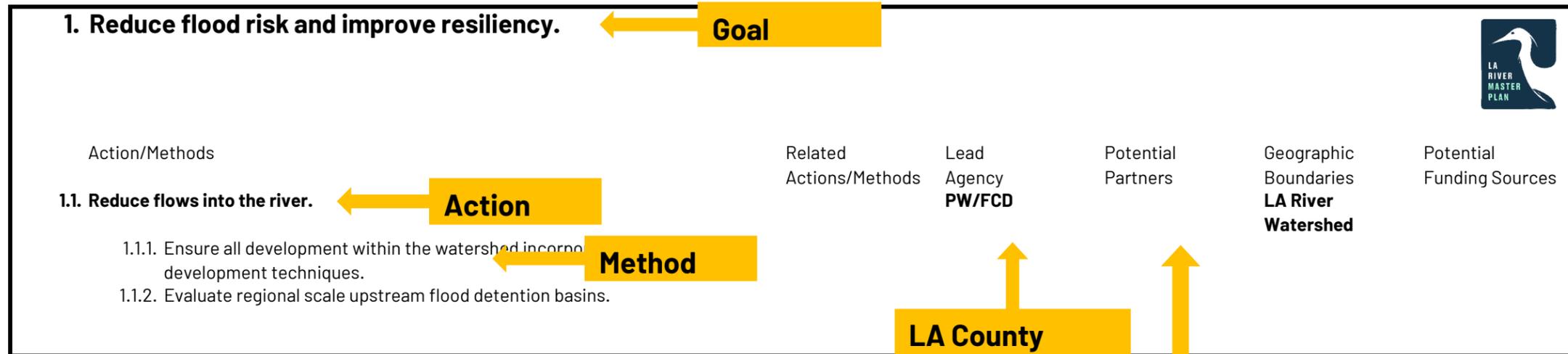


This workbook is being used to identify lead agencies, partners, geographic areas, and funding sources for the LA River Master Plan's actions. On each worksheet, to the left is a list of actions and methods that support that goal.

**EXAMPLE WORKSHEET**



**LA County  
Departments/A**

**LA County and  
Outside**

**Agency Abbreviations**

- CEO LA County Chief Executive Office
- CSO LA County Chief Sustainability Office
- DAC LA County Department of Arts and Culture
- DCBA LA County Department of Consumer and Business Affairs
- DPR LA County Department of Parks and Recreation
- DPSS LA County Department of Public Social Services
- DRP LA County Department of Regional Planning
- FCD LA County Flood Control District
- FEMA Federal Emergency Management Agency
- GLACVCD Greater Los Angeles County Vector Control District
- LACOE LA County Office of Education
- LAEDC Los Angeles Economic Development Corporation
- LAHSA Los Angeles Homeless Services Authority
- Metro LA County Metropolitan Transportation Authority
- NHM LA County Natural History Museum
- PW LA County Public Works
- USACE US Army Corps of Engineers

**Geographic Boundaries**

- LA County
- LA River Watershed
- LA River Corridor + Surroundings
- LA River Corridor

**1. Reduce flood risk and improve resiliency.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>1.1 Increase capacity of the river in high risk areas and provide flood risk management to at least the one-percent ("100-year") flood event.</b>		<b>PW/FCD</b>	<b>USACE</b>	<b>LA River Corridor</b>	
1.1.1. Prioritize natural features and processes for flood risk reduction.	9.3.5.				
1.1.2. Purchase or otherwise reclaim land along the channel and immediately adjacent floodplain areas to increase floodplain areas.					
1.1.3. Widen and deepen the channel or raise levees.					
1.1.4. Build bypass channels and tunnels.					
1.1.4. Manage sediment in the river channel and before it accumulates in the river channel.					
1.1.5. Manage vegetation and remove invasive plants.	1.1.4., 3.2.5.				
1.1.6. Retrofit infrastructure and other obstructions, such as bridges, to remove hydraulic constrictions.	1.7.2, 8.4.1, 9.5.1, 9.5.2				
<b>1.2 Reduce flows into the river.</b>		<b>PW/FCD</b>	<b>Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities)</b>	<b>LA River Watershed</b>	
1.2.1. Evaluate regional scale upstream flood detention basins.					
1.2.2. Manage dry-weather flows to discourage the growth of invasive and non-native vegetation within the flood channel.	1.2.6., 3.2.5.				
<b>1.3. Include climate change research in the planning process for new projects along the river.</b>		<b>PW/FCD</b>	<b>CSO, Academia</b>	<b>LA River Watershed</b>	
1.3.1. Conduct inter-institutional study on climate change impacts in the LA Basin and how they impact hydrology and sea level rise.	8.3.1.				
1.3.2. Apply latest accepted climate change prediction models in flood risk reduction planning.	8.3.2.				

**1. Reduce flood risk and improve resiliency.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>1.4. Improve and refine emergency preparedness.</b>		<b>PW/FCD</b>	<b>USACE, Sheriff, Fire Department, Health Agency, Municipal Emergency Services</b>	<b>LA River Corridor + Surroundings</b>	
1.4.1. Increase awareness of the hazards associated with high flows in the river.	1.5.				
1.4.2. Develop appropriate Emergency Action Plans that cover specific areas of the river where needed, including the dams and levees along the mainstem and the tributaries.					
1.4.3. Conduct emergency preparedness exercises that test Emergency Action Plans.					
1.4.4. Improve flood forecasting capabilities.					
1.4.5. Refine warning and monitoring criteria for the river corridor.					
1.4.6. Develop appropriate warning systems, such as sirens, lights, or geo-targeted text message alerts, to inform users of impending rain or rising water.					
1.4.7. Develop flood-specific evacuation plans.					
1.4.8. Consider and plan for evacuation of communities in floodplains, with particular attention to special needs populations.					
1.4.9. Evaluate critical infrastructure and facilities located in the floodplain and reduce vulnerability to flood hazards.					
1.4.10. Review and revise policies regarding closing the river trail during storms.					
1.4.11. Assist local law enforcement and emergency responders in developing emergency response/evacuation plans for river adjacent communities and river users.	1.5, 2.7.1				
1.4.12. Encourage adjacent river communities to develop personalized evacuation plans.	1.5				

**1. Reduce flood risk and improve resiliency.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>1.5. Increase public awareness of flood hazards and river safety.</b>					
1.5.1. Develop a website to assist in educating other agencies, cities, and the general public on river issues (including flood risk management and dangers posed by the river during heavy rainfall events).	2.4.1., 2.5.1., 2.5.2., 3.4., 4.2.4., 6.6.2., 8.1.3.	PW/FCD	USACE	LA County	
1.5.2. Post consistent signage and communication about flood risk and river safety on bridges and access points.	2.7.1.				
1.5.3. Develop and implement an educational program on flood and river safety.	2.2.4., 7.2.				
1.5.4. Encourage residents and businesses in the floodplain to consider purchasing flood insurance.					
<b>1.6. Improve facility operations and maintenance.</b>					
1.6.1. Expand coordination between responsible agencies and consolidate responsibilities under the Flood Control District through divestiture to streamline operations and maintenance, facility management, funding, and permitting.		PW/FCD	USACE	LA County	
1.6.2. Review and update operations and maintenance protocols and best practices.					
1.6.3. Implement new technologies such as real-time monitoring and controls.					
1.6.4. Implement dam and levee safety programs that ensure the flood management infrastructure delivers their intended benefits while reducing risks to people, property and the environment through continuous assessment, communication, and management.					
<b>1.7. Implement regionally consistent floodplain management practices.</b>					
1.7.1. Establish partnerships among the various levels of government to develop minimum floodplain regulatory requirements.		PW/FCD	DRP, Municipalities, FEMA, CSO	LA County	
1.7.2. Update and improve hydrologic data and models for the LA River watershed.	1.7.2				
1.7.3. Update and improve flood inundation mapping.					
1.7.4. Manage floodplain development according to the National Flood Insurance Program.					
1.7.5. Encourage only flood resilient projects in the floodplain.					
1.7.6. Encourage acquisition of land within the floodplain to serve as a buffer for flooding.					

**2. Provide equitable, inclusive, and safe parks, open space, and trails.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>2.1. Create 51 miles of connected open space.</b>		<b>DPR</b>	<b>PW/FCD, DRP, USACE</b>	<b>LA River Corridor + Surroundings</b>	
2.1.1. Create a park setting along the entire river utilizing this plan's design guidelines (LA River Design Guidelines).	2.4.2.				
2.1.2. Utilize river channel right-of-way and adjacent areas to increase park space.					
2.1.3. Promote the river as a greenway spine of the larger LA County regional parks, multi-use trails, habitat, and open space network.					
2.1.4. Use river areas to assist in ensuring all LA County residents live within a half mile of a park.					
2.1.5. Create two new regional parks south of Downtown LA and one new regional park west of Sepulveda Basin, while continuing the development of large regional parks currently underway.					
2.1.6. Provide amenities and experiences in existing and new park spaces that are not currently available at nearby parks and increase unique programming along the river corridor.					
2.1.7. Preserve and create viewsheds along the river, between adjacent neighborhoods and the river, and from bridges over the river.					
2.1.8. Secure ongoing and long-term funding for land acquisition, construction, and maintenance of additional parks and recreational facilities.					
2.1.9. Increase recreation uses within the corridor where compatible with ecological function.					
<b>2.2. Complete the LA River Trail so that there is a continuous bicycle and pedestrian route along the entire river, on both sides.</b>		<b>DPR</b>	<b>PW, Municipalities</b>	<b>LA River Corridor + Surroundings</b>	
2.2.1. In places where right of way is too narrow for a river trail, pursue easements on adjacent property to complete the trail or utilize bridges, platforms, or cantilevers.					
2.2.2. Increase the extent of multi-use trails parallel to the river with separate paths for active transport, pedestrians, and equestrians in areas of high traffic.					
2.2.3. Provide bicycle parking and encourage bicycle rental facilities along the river.					
2.2.4. Develop signage and curriculum that promotes the benefits of using the river trail for recreation and improved health.	1.5.3., 7.2.				
2.2.5. Include shade trees and shade structures along the trail.	2.3.1, 2.4.1, 3.3.7				

**2. Provide equitable, inclusive, and safe parks, open space, and trails.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>2.3. Provide support facilities at a regular cadence along the length of the river, on both sides.</b>		<b>PW</b>	<b>DPR</b>	<b>LA River Corridor</b>	
2.3.1. Ensure there is a shaded place to rest every half mile, on average, along the river.	2.2.5				
2.3.2. Ensure there is access to a public restroom every mile, on average, along the river.					
2.3.3. Ensure there is wayfinding information at river access points and every half mile, on average, along the river.					
2.3.4. Supplement County facilities and services with concessionaire agreements for food, convenience item sales, recreation equipment rentals, recreation instruction, and guided tours.					
2.3.5. Ensure there are trash receptacles at a regular cadence along the river on both sides.					
<b>2.4. Ensure design excellence within and along the river corridor</b>		<b>PW</b>	<b>DPR, Municipalities</b>	<b>LA River Corridor + Surroundings</b>	
2.4.1. Utilize unified design guidelines for adjacent parks and river amenities that are flexible enough to reflect the diversity of local communities. (LA River Design Guidelines).					
2.4.2. Encourage local jurisdictions to adopt this plan's design guidelines (LA River Design Guidelines).	1.5.1., 2.2.5, 2.5.1., 2.5.2., 3.2.6, 3.4., 4.2.4., 6.6.2., 8.1.3.				
2.4.3. Require this plan's guidelines ( <i>LA River Design Guidelines</i> ) be followed for all projects permitted by the County, constructed on County property, or funded by the County.	2.1.1.				

**2. Provide equitable, inclusive, and safe parks, open space, and trails.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>2.5. Encourage compatibility of the river and adjacent land uses.</b>					
2.5.1. Encourage the entire river channel and corridor to be zoned as open space.	1.5.1., 2.4.1., 2.5.2., 3.4., 4.2.4., 6.6.2., 8.1.3.	DRP	Municipalities	LA River Corridor + Surroundings	
2.5.2. Encourage the re-zoning of incompatible land uses, such as waste sites, adjacent to the river, where feasible.	1.5.1., 2.4.1., 2.5.1., 3.4., 4.2.4., 6.6.2., 8.1.3.				
2.5.3. Develop buffering strategies to mitigate air quality and other impacts of incompatible uses, such as industrial uses, that are expected to remain adjacent to the river.	3.3.4., 3.4.3				
2.5.4. Use County and local development and zoning review processes to ensure compatibility and, where feasible, add new river-adjacent amenities.					
<b>2.6. Repurpose single-use spaces, such as power-line easements, rail rights-of-way, or flood infrastructure, to serve multiple functions such as multi-use trails or habitat.</b>					
2.6.1. Develop master agreements with utilities for easements to maximize use of ground space under overhead or above buried utility lines for parks, open space, and trails.		DRP	PW, DPR, County Counsel, Utility Providers, CSO	LA County	
2.6.2. Discuss options to create multi-use space with private rail companies.					
2.6.3. Foster opportunities for urban agriculture to encourage access to local healthy foods.					
<b>2.7. Promote life safety along the river.</b>					
2.7.1. Improve safety signage, including what to do in an emergency.	1.5.2.	PW/FCD	DPR, Sheriff, Fire Department, Health Agency, USACE, Municipal Emergency Services	LA River Corridor	
2.7.2. Utilize this plan's consistent 51-mile marker system (0 at Long Beach, 51 at Canoga Park) to assist response teams in locating emergencies along the river.					
2.7.3. Ensure anchor points for swift water rescue teams.					
2.7.4. Remove hazards and dangerous objects, such as old fencing, metal, or debris, from the river corridor.					

**2. Provide equitable, inclusive, and safe parks, open space, and trails.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>2.8. Promote public safety along the river.</b>		<b>PW/FCD</b>	<b>DPR, Sheriff, Fire Department, Health Agency, USACE, Municipal Emergency Services</b>	<b>LA River Corridor</b>	
2.8.1. Coordinate with the River Rangers program.	6.8.4, 7.2.3				
2.8.2. Ensure adequate and consistent lighting along the river trail that complies with guidelines to reduce light pollution.					
2.8.3. Ensure emergency phones are located along the river trail.					
2.8.4. Utilize CPTED (Crime Prevention Through Environmental Design) principles in projects.					
2.8.5. Encourage adjacent neighborhood watch groups to include the river in their area of influence.					
2.8.6. Consider the use of video monitoring systems in isolated locations.					

**3. Support healthy, connected ecosystems.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>3.1. Increase ecosystem function along the river corridor.</b>		<b>PW/FCD</b>	<b>DPR, NHM, Other NGOs (e.g. Heal the Bay, TNC, TPL, etc.)</b>	<b>LA River Corridor</b>	
3.1.1. Prioritize projects that include improvements to ecosystem function.					
3.1.2. Collaborate to collect data on ecosystem function within the LA River watershed and along the LA River corridor.	3.1.3, 3.3.6				
3.1.3. Collaborate with scientific research teams to increase the knowledge available about wildlife along the LA River and create species profiles for different conditions along the river.	3.1.2				
3.1.4. Continue to track the Regional Water Quality Control Board Environmental Flows study to determine habitat opportunities.	8.5.3				
<b>3.2. Increase plant species biodiversity, and focus on the use of local California native plants in and around the river corridor.</b>		<b>PW</b>	<b>DPR, NHM, CSO</b>	<b>LA County</b>	
3.2.1. Develop reach specific plant species guidelines related to ecological zones along the river with keystone species to create desirable ecosystems.					
3.2.2. Consider long-term trends, such as population growth, climate change, future water regimes, resiliency, and sustainability, to create adaptive and dynamic biodiversity plans that are resilient to the urban context.	3.2.4.				
3.2.3. Incentivize the creation of nurseries along the river that can supply native plants for new, large river parks.					
3.2.4. Develop plant palettes that make the river a planned reserve for plant biodiversity as climate changes.	3.2.2, 3.2.6				
3.2.5. Actively manage and remove invasive species from the river corridor and adjacent areas utilizing best management practices.	1.1.4., 1.2.6.				
3.2.6. Utilize locally sourced native seed on projects.	2.4.1, 3.2.4, 3.5.1				

**3. Support healthy, connected ecosystems.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>3.3. Create a connective network of habitat patches and corridors to facilitate the movement of wildlife and support a diverse ecological community.</b>		<b>PW</b>	<b>DPR, NHM, CSO</b>	<b>LA County</b>	
3.3.1. Identify and utilize key sections of the river corridor itself to increase habitat areas.					
3.3.2. Create habitat “stepping stones” patches in areas that are densely developed and do not have existing significant ecosystem functions.					
3.3.3. Promote the creation of linkages between upland and riparian ecosystems.					
3.3.4. Promote the creation of vegetated buffers at the edges of existing significant habitat areas as well as between habitat areas and vehicular areas.	2.5.3.				
3.3.5. Protect and enhance existing native, resilient, and biodiverse ecosystems (Plant communities are defined in the LA River Design Guidelines).					
3.3.6. Support, in parallel with regional efforts, a reach specific regime for low flows in the river that contributes to ecological function.	3.1.2				
3.3.7. Where possible, plant a continuous greenway of trees for increased cooling, forage, and roosting and nesting habitat.	2.2.5				
<b>3.4. Encourage cities along the river to adopt sustainability strategies.</b>		<b>CSO</b>	<b>DRP</b>	<b>LA River Corridor + Surroundings</b>	
3.4.1. Provide technical assistance to cities seeking to develop or improve sustainability or climate plans.					
3.4.2. Encourage cities to require LEED certification, ENVISION, or comparable standards, for public projects.	3.4.3				
3.4.3. Encourage cities to utilize nature-based approaches to projects.	2.1, 2.5.3, 3.4.2, 3.6.2, 9.1				

**3. Support healthy, connected ecosystems.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>3.5. Use environmentally responsible practices for operations and maintenance of the river channel and adjacent lands.</b>		<b>PW</b>	<b>DPR, NHM, GLACVCD, CSO</b>	<b>LA River Corridor + Surroundings</b>	
3.5.1. Train maintenance staff to work with native ecosystems.	3.2.6				
3.5.2. Ensure pest management and vector control is incorporated early during project development and coordinated with the Greater LA County Vector Control District.					
3.5.3. Adopt Integrated Pest Management (IPM).					
3.5.4. Limit pollution through the use of zero emission maintenance equipment.					
3.5.5. Support the development of soil systems that can improve soil moisture retention and plant health.					
3.5.6. Support water conservation strategies within the channel to balance water supply needs between municipalities, ecosystems, and recreation.	8.3.				
3.5.7. Eliminate the use of chemical herbicides in operations and maintenance.					
<b>3.6. Use the river corridor as a living laboratory where ongoing innovation is encouraged.</b>		<b>PW</b>	<b>NHM, CSO, DPR</b>	<b>LA River Corridor + Surroundings</b>	
3.6.1. Use pilot projects to promote innovation, such as methods for localized air pollution mitigation, renewable power generation, natural solutions to water quality and runoff attenuation, increasing plant biodiversity, monitoring native plants and wildlife, and the production of sustainable local resources.	9.2.4.				
3.6.2. Recognize exemplary projects along the LA River and watershed through the LA County Green Leadership Awards Program.	3.4.3				

**4. Enhance opportunities for equitable access to the river corridor.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>4.1. Create welcoming access points and gateways to the LA River and LA River Trail to optimize access along its length, on both sides.</b>		<b>PW</b>	<b>DPR</b>	<b>LA River Corridor</b>	
4.1.1. Make the river trail and gateways universally accessible and inclusive.					
4.1.2. Prioritize access for areas with limited access or areas that need improvements to existing access points.					
4.1.3. Prioritize access near major destinations, including schools, libraries, parks, transit stops, and job centers.	7.1.3.				
<b>4.2. Increase safe transportation routes to the river.</b>		<b>DPR</b>	<b>Municipalities, Caltrans, CSO, PW, Metro</b>	<b>LA County</b>	
4.2.1. Coordinate with LA County transportation plans, including Vision Zero, the Bicycle Master Plan, and the Step by Step Pedestrian Plan.					
4.2.2. Provide pedestrian and bicycle connections across the river every half-mile.					
4.2.3. Require all new pedestrian or road bridges over the river to provide pedestrian and bicycle access to the river trail.					
4.2.4. Provide continuous pathways between the river and nearby recreation spaces.					
4.2.5. Encourage cities to adopt complete streets policies to better connect neighborhoods to the river.	1.5.1., 2.4.1., 2.5.1., 2.5.2., 3.4., 6.6.2., 8.1.3.				
4.2.6. Increase the extent of multi-use trails that connect to the river with separate paths for active transport, pedestrians, and equestrians.					
4.2.7. Coordinate with transportation planning to enhance public transit to and along the river.					
4.2.8. Coordinate with transportation planning to encourage transit lines that cross the river to have stops that provide access to the river trail.					
4.2.9. Promote the use of public transportation to connect to the river trail.					
4.2.10. Develop informational materials and signage that highlight the river as an alternative to other modes of transportation to major job centers and destinations.					

**5. Embrace and enhance opportunities for local arts and culture.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>5.1. Develop a comprehensive 51-mile arts and culture corridor along the river.</b>					
	<b>7.5.3.</b>	<b>DAC</b>	<b>PW</b>	<b>LA River Corridor + Surroundings</b>	
5.1.1. Site permanent civic art, temporary art installations, cultural amenities, and cultural facilities along the river where appropriate.	5.1.2, 5.2.1, 5.3.1, 5.3.5				
5.1.2. Encourage incubation of diverse talent through commissions for local as well as regional and national artists and cultural organizations.	5.1.1				
5.1.2. Secure reliable funding for art and cultural projects along the river.					
<b>5.2. Integrate artists, cultural organizations, and community members in planning processes and project development along the river.</b>					
		<b>DAC</b>	<b>PW, DRP</b>	<b>LA County</b>	
5.2.1. Create a framework for arts and cultural asset mapping to identify preliminary resources and opportunities along the 51 miles of the LA River.	5.1.1				
5.2.2. Share, monitor, and cultivate the asset mapping on the LA County Department of Arts and Culture website, and help reaffirm and build the LA River community as a vital and growing county resource.	5.2.3				
5.2.3. Use both quantitative and qualitative data in planning arts and cultural activities along the river.	5.2.2				
<b>5.3. Galvanize a LA River cultural identity.</b>					
		<b>DAC</b>		<b>LA County</b>	
5.3.1. Activate the river by creating ongoing opportunities for cultural activities, gatherings, festivals, art, and performance along the river.	5.1.1				
5.3.2. Actively promote river spaces to local groups and communities as available for their use.					
5.3.3. Integrate civic art commissions and cultural engagement into the design of the river corridor, including interpretive signage, cultural markers, interactive displays and other media, cultural amenities, and cultural facilities.					
<b>5.4 Streamline permitting processes for artwork and cultural activities along the river.</b>					
		<b>PW/FCD</b>	<b>DAC</b>	<b>LA County</b>	
5.4.1. Simplify permitting for permanent art along the river.					
5.4.2. Simplify permitting for holding events and performances along the river.					

**6. Address potential adverse impacts to housing affordability and people experiencing homelessness.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<p><b>6.1. Create an ongoing forum for the coordination of housing and community stabilization strategies along the river.</b></p> <p>6.1.1. To ensure oversight and implementation of housing and community stabilization strategies, establish an LA River Housing Affordability Task Force that includes representatives from the County and river adjacent cities, as well as key community stakeholders, including affordable housing advocates and representatives of communities directly experiencing displacement. Provide funding for staffing or consultants to support the Task Force.</p>		CEO	DRP, Municipalities, CSO	LA River Corridor + Surroundings	
<p><b>6.2. Require a housing affordability assessment be completed as part of the planning for all sizable river improvement projects.</b></p> <p>6.2.1. Create an ongoing forum for the coordination of housing and community stabilization strategies along the river.</p> <p>6.2.1. Prior to committing County resources to river projects or approving permits that impact the river right-of-way, require completion of a concise assessment of affordable housing needs and opportunities. The extent of analysis required should vary depending on the scale of the river project, but each assessment should include:</p> <ul style="list-style-type: none"> <li>• an analysis of the potential impact of the proposed project on housing affordability and displacement.</li> <li>• a summary of existing affordable housing programs and projects serving the community including any existing affordable housing developments with affordability restrictions scheduled to expire.</li> <li>• a 'community roadblock analysis' which identifies local barriers to approval of supportive housing in the surrounding community.</li> <li>• an analysis of the existing stock of currently unsubsidized but affordable market rate rental housing in the area surrounding the project</li> <li>• a list of specific sites which could be appropriate for development of supportive housing for persons experiencing homelessness.</li> <li>• an affordable and supportive housing strategy outline tailored to the local needs and opportunities.</li> </ul>	7.5.8.	PW/FCD	CEO	LA River Corridor + Surroundings	

**6. Address potential adverse impacts to housing affordability and people experiencing homelessness.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>6.3. Increase units of affordable housing within one mile of the river.</b>		<b>CEO</b>	<b>DRP, CDC, Municipalities, LACDA</b>	<b>LA River Corridor + Surroundings</b>	
6.3.1. Encourage a mix of supportive housing, affordable rental, and affordable homeownership units in both new construction and preservation buildings.					
6.3.2. Expand the LA County Community Development Commission's Home Ownership Program (HOP) to provide additional affordable homeownership opportunities in river adjacent communities.					
6.3.3. Designate river adjacent communities at risk of increased displacement as priority areas for County affordable housing investment.					
6.3.4. Replicate and expand the County's recent pilot program to provide tenant rent vouchers to area homeowners who build new Accessory Dwelling Units and agree to rent them to extremely low income tenants.					
6.3.5. Publicly report on the progress toward this goal annually through the LA River Housing Affordability Task Force.					
<b>6.4. Develop an affordable housing land bank authority, land acquisition loan fund, or similar organization to strategically purchase land along the river and hold it for</b>		<b>CEO</b>		<b>LA River Corridor + Surroundings</b>	
6.4.1. Commission a study to identify all public agency owned land within one mile of the LA River and identify surplus or underutilized sites appropriate for development of affordable or supportive housing, including sites where housing could be collocated with other uses.					
6.4.2. Designate and fund a single land bank or similar entity within county government or an outside partner to: <ul style="list-style-type: none"> <li>• coordinate site acquisition and financing river-wide.</li> <li>• Initially target land acquisition efforts largely (but not exclusively) in areas identified as facing the greatest risk of displacement.</li> <li>• Partner with local agencies and community-based organizations to manage community planning processes to identify local priorities for development in each area.</li> <li>• Manage RFPs or other public process for selecting housing developers for disposition or joint development projects.</li> <li>• Transfer ownership of land to local nonprofit housing providers, or other long-term owners when sufficient local capacity exists.</li> <li>• Recapture land purchase funds for reuse in future sites to the extent possible.</li> </ul>					

**6. Address potential adverse impacts to housing affordability and people experiencing homelessness.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>6.5. Secure funding for affordable housing in parallel with funding for river projects.</b>		<b>CEO</b>	<b>PW</b>	<b>LA County</b>	
6.5.1. As new financing tools are created to fund river improvements, set aside a portion of funding to support land acquisition and affordable housing whenever possible. While many infrastructure financing sources will not allow use for affordable housing, using a portion of river specific funding for housing, when possible, can leverage additional affordable housing financing and expand the amount of affordable housing built adjacent to the river.					
6.5.2. Commission a study of the potential for an affordable housing specific tax increment financing tool as a means of significantly expanding funding for affordable housing along the river by capturing a small share of future growth in property tax revenue exclusively for affordable housing.					
6.5.3. Leverage existing housing subsidies to finance permanent supportive housing for people formerly experiencing homelessness on key sites adjacent to the river.					
6.5.4. Require all residential projects with a commitment of County resources, such as funding or land, to set aside at least 25% of the units to be affordable to extremely low, very low, and low income households.					
<b>6.6. Incentivize stronger tenant protection policies along the river.</b>		<b>DCBA</b>	<b>Municipalities, DRP</b>	<b>LA River Corridor + Surroundings</b>	
6.6.1. Develop resources to expand tenant education and counseling, and inform tenants living adjacent to river improvement projects about the availability of counseling services, including those available through LA County Department of Consumer and Business Affairs.					
6.6.2. Develop resources and provide technical assistance to encourage cities to adopt stronger tenant protection policies, including rent stabilization and just cause for evictions.	1.5.1., 2.4.1., 2.5.1., 2.5.2., 3.4., 4.2.4., 8.1.3.				
6.6.3. Fund a grant program to provide staffing support to community-based organizations in high-risk communities to conduct direct outreach and counseling to tenants at risk of displacement.					
6.6.4. Expand County funding for eviction legal defense services for tenants, and target this resource to areas of the county (including many river adjacent communities) likely to experience concentrated displacement.					
6.6.5. Prioritize river investment programs in communities that have established tenant protections.					

**6. Address potential adverse impacts to housing affordability and people experiencing homelessness.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>6.7. Support persons experiencing homelessness along the river by coordinating outreach and building new permanent supportive housing.</b>		<b>LAHSA</b>	<b>PW, Municipalities</b>	<b>LA River Corridor + Surroundings</b>	
6.7.1. Identify sites for permanent supportive housing within 1 mile of the river.					
6.7.2. Coordinate and support existing efforts to provide temporary and interim supportive housing until the implementation of permanent solutions.					
6.7.3. Coordinate and support existing efforts of the County's coordinated homeless outreach system andn their work along the river.	7.4.2.				
6.7.4. Connect persons living in or near the river to the coordinated entry system for access to housing opportunities for which they are eligible.					
6.7.5. Build on the platform provided through Measure H to support more local cities in developing proactive homeless support programs and policies.					
<b>6.8. Integrate best practices for working with persons experiencing homelessness utilizing the river corridor.</b>		<b>PW</b>	<b>LAHSA, Municipalities</b>	<b>LA River Corridor</b>	
6.8.1. Review and update guidelines for clearing of encampments along the river to increase notification timelines and coordination with outreach teams.					
6.8.2. Continue and improve the LA County Public Works temporary sanitation stations program while developing more robust sanitation facilities.					
6.8.3. Provide, at a regular cadence of approximately every mile, permanent facilities for sanitation that are regularly maintained, staffed, and coordinated with river amenities.	2.3				
6.8.4. Coordinate with the River Rangers program to train rangers to interact with persons experiencing homelessness.	2.8.1				

**7. Foster opportunities for continued community engagement, development, and education.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<p><b>7.1. Provide spaces for people of all ages and abilities to learn about the ecology, hydrology, engineering, and cultural and natural history of the river and its watershed.</b></p> <p>7.1.1. Install interpretive signage, cultural markers, interactive displays, or other media that reflect community input and local culture.</p> <p>7.1.2. Create outdoor classroom spaces that can be used by schools.</p> <p>7.1.3. Prioritize connectivity to the river from schools, cultural centers, and other education facilities.</p>	4.1.3.	PW	DPR, LACOE, DAC, NHM	LA River Corridor	
<p><b>7.2. Develop educational materials for people of all ages to learn more about the past, present, and future of the river corridor; natural resource protection; and the wildlife and water of the LA River.</b></p> <p>7.2.1. Work with educational institutions to develop sample curricula for teachers of students of different ages to use when bringing their classes to the river.</p> <p>7.2.2. Develop self-guided educational tours.</p> <p>7.2.3. Coordinate with the River Rangers program to provide educational tours that feature Traditional Ecological Knowledge.</p> <p>7.2.4. Work with Native American communities to develop a curriculum telling the history of indigenous peoples whose lives and traditions depend on the LA River.</p>	1.5.3., 2.2.4.	PW	LACOE, NHM, DAC	LA County	
<p><b>7.3. Engage populations indigenous to the region to celebrate and document the river's role in indigenous culture.</b></p> <p>7.3.1. Foster an ongoing conversation and collaboration with Native American communities about the LA River.</p> <p>7.3.2. Streamline the permitting process for access to traditional religious, cultural, and ceremonial spaces along the LA River corridor.</p> <p>7.3.3. Utilize place names from Native languages in signage along the LA River.</p>		DAC	LACOE, NHM	LA County	

**7. Foster opportunities for continued community engagement, development, and education.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>7.4. Promote the river and natural ecosystem as an economic asset to surrounding communities.</b>		<b>DPSS</b>	<b>LACOE, LAHSA, LAEDC</b>	<b>LA County</b>	
7.4.1. Utilize local resources and workforce to design, build, operate, and maintain projects, art, and amenities along the river, where possible.					
7.4.2. Work with homeless service providers to identify opportunities to train and match individuals experiencing homelessness with jobs or other vocation training.	6.7.3.				
7.4.3. Encourage local businesses and river-related groups to engage youth in internships related to the river.					
7.4.4. Promote recreation as an economic resource.	2.1				
7.4.5. Provide workforce training to maintain nature-based projects.	3.5				
<b>7.5. Improve the interface between the river corridor and adjacent communities.</b>		<b>DRP</b>	<b>DPR, DAC</b>	<b>LA River Corridor + Surroundings</b>	
7.5.1. Visually enhance river boundaries.					
7.5.2. Encourage existing river-adjacent development to orient its "front door" toward the river and public transportation.					
7.5.3. Integrate cultural markers and signage.	5.1.				
7.5.4. Continue to solicit input from communities along the river throughout implementation of this plan and hold community meetings to update residents on the progress of plan implementation.					
7.5.5. Require that County funded infrastructure and open space projects engage local residents and community stakeholders in planning.					
7.5.6. Ensure the physical design of river improvements is consistent with the physical and social character and culture of each neighboring community.					
7.5.7. Identify community vulnerabilities, such as displacement risk, flood risk, or climate vulnerability, and associated impacts with regard to river improvement projects.					
7.5.8. Develop a project mitigation strategy for identified threats to community and resident stability, particularly forces of economic displacement, flood risk, and climate risk.	6.2.				

**8. Improve local water supply reliability.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<p><b>8.1. Capture and treat stormwater and dry weather flows before they reach the river channel for groundwater recharge, direct use, or release for downstream beneficial uses.</b></p> <p>8.1.1. Encourage and incentivize water capture and direct use on public and private properties.</p> <p>8.1.2. Provide incentives for private property owners to capture and treat stormwater on site.</p> <p>8.1.3. Coordinate dry-weather flow efforts among jurisdictions and along the tributaries and other sub-watersheds.</p> <p>8.1.4. Implement stormwater capture projects within the watersheds and along the tributaries of the LA River.</p>	<p><b>1.1.1., 9.3.4.</b></p> <p>1.5.1., 2.4.1., 2.5.1., 2.5.2., 3.4., 4.2.4., 6.6.2.</p>	<p><b>PW</b></p>	<p><b>Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities), LADWP</b></p>	<p><b>LA River Watershed</b></p>	
<p><b>8.2. Divert and treat stormwater and dry weather flows within the river channel for groundwater recharge, direct use as recycled water, and to supply water for parks and ecological areas.</b></p> <p>8.2.1. Implement direct diversion and treatment projects for recharge in the Central Basin.</p> <p>8.2.2. Implement direct diversion and treatment projects for use as recycled water.</p> <p>8.2.3. Consider direct diversions from the channel for use in river adjacent parks and ecological areas.</p>		<p><b>PW</b></p>	<p><b>USACE, LADWP, WRD, Regional Pumpers, County and City Sanitation Districts</b></p>	<p><b>LA River Corridor + Surroundings</b></p>	

**8. Improve local water supply reliability.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>8.3. Employ and encourage efficient water use.</b>					
	<b>3.5.6.</b>	<b>PW</b>	<b>CSO, Local and Regional Water Suppliers (Purveyors and Districts, such as LADWP, WRD, MWD, LB Water)</b>	<b>LA County</b>	
8.3.1. Conduct inter-institutional study on climate change impacts to water supply planning in the LA Basin.	1.3.1.				
8.3.2. Apply latest accepted climate change prediction models to water supply planning.	1.3.2.				
8.3.3. Encourage and incentivize households and neighborhoods to adopt best practices in water management.					
8.3.4. Provide incentives for new projects to utilize Waterwise methods.					
8.3.5. Encourage water conservation, water use efficiency measures, and the use of recycled or on-site collected water for irrigation in new developments, retrofit projects, parks, and ecological areas.					
<b>8.4. Improve facility operations and maintenance.</b>					
		<b>PW</b>	<b>Water Purveyors</b>	<b>LA River Corridor</b>	
8.4.1. Expand coordination between responsible to streamline operations and maintenance, facility management, funding, and permitting.	1.2.7				
8.4.2. Review and update operations and maintenance protocols and best practices.	9.5.2				
8.4.3. Implement new technologies such as real-time monitoring, reporting, and controls.	9.5.3				
<b>8.5. Continue measures to clean up the regional groundwater aquifers.</b>					
		<b>PW</b>	<b>Water Purveyors</b>	<b>LA River Watershed</b>	
8.5.1. Explore state legislation to empower local agencies, and provide technical and financial support for improvement of water quality on local systems and remedy regional groundwater threats.					
8.5.2. Coordinate with the Upper Los Angeles River Area (ULARA) Watermaster, the water purveyors, and the responsible parties to advance groundwater remediation and improve the management and use of the San Fernando Groundwater Basins.	8.5.3				
8.5.3. Coordinate with the Water Replenishment District, the water purveyors, and the responsible parties to advance groundwater remediation and improve the management and use of the Central and West Coast Groundwater Basins.	3.1.4, 8.5.2				

**9. Promote healthy, safe, clean water.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>9.1. Improve water quality and contribute to the attainment of water quality requirements to protect public and environmental health.</b>					
<p>9.1.1. Develop corridor-based water quality projects and programs, leading to implementation and operations and maintenance.</p> <p>9.1.2. Support, encourage, and incentivize watershed water quality project and program development, implementation, and operations and maintenance.</p>		<b>PW</b>	<b>Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities)</b>	<b>LA River Watershed</b>	
<b>9.2. Coordinate water quality improvements with Measure W.</b>					
<p>9.2.1. Support the establishment of an oversight committee to direct efforts following any new or existing regional funding initiatives.</p> <p>9.2.2. Follow prescriptive watershed planning along with adaptive management practices as detailed in the regional Watershed Management Programs/Enhanced Watershed Management Programs (WMPs/EWMPs).</p> <p>9.2.3. Assist with establishing procedures for a credit program to assist property owners.</p> <p>9.2.4. Provide technical and/or financial support for: feasibility studies; water quality planning; resilience planning; real property acquisition for project development; pilot projects to test new technologies and/or methodologies focused on water quality, local water supply, and community investments; and retrofit programs.</p>	3.6.1.	<b>PW</b>	<b>Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities)</b>	<b>LA River Watershed</b>	

**9. Promote healthy, safe, clean water.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>9.3. Coordinate with the Watershed Management Program/Enhanced Watershed Management Program (WMP/EWMP) Groups.</b>		<b>PW</b>	<b>Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities)</b>	<b>LA County</b>	
9.3.1 Ensure development within the watershed incorporates low impact development techniques to increase infiltration and capture throughout the built watershed.	8.1., 9.3.4.				
9.3.2. Expand stormwater capture for groundwater recharge, increase distributed stormwater capture, and reduce effective imperviousness in the watershed, prioritizing nature-based solutions where possible.					
9.3.3. Actively coordinate with the Upper Los Angeles River, Los Angeles River Upper Reach 2, and Lower Los Angeles River watershed management groups to develop regional and distributed projects and programs that contribute to meeting goals for regional water quality improvement.					
9.3.4. Prioritize the removal of pollutants of concern according to timelines contained within the implementation plans and the Clean Water Act.					
9.3.5. Prioritize catchments where needs are greater than can be met with planned or developed projects.	1.1.1., 8.1.				
9.3.6. Continue to implement and enforce regional policies for green streets, low impact development, and other watershed improvement initiatives.	1.2.1.				
9.3.7 Prioritize nature-based solutions to improve water quality.	1.5.				
9.3.8 Publicize water quality metrics and monitoring results.					
<b>9.4. Increase public awareness of river water quality.</b>		<b>PW</b>	<b>Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities)</b>	<b>LA County</b>	
9.4.1. Develop a website to assist in educating other agencies, cities, and the general public on river issues such as water quality.	7.5				
9.4.2. Post consistent signage and communication about water quality on bridges and access points.					
9.4.3. Develop and implement an educational program on river water quality.					

**9. Promote healthy, safe, clean water.**



Action/Methods	Related Actions/Methods	Lead Agency	Potential Partners	Geographic Boundaries	Potential Funding Sources
<b>9.5. Improve facility operations and maintenance.</b>		<b>PW</b>	<b>Municipalities, Entities with Stormwater Responsibilities (e.g., Caltrans, Metro, industrial facilities)</b>	<b>LA County</b>	
9.5.1. Expand coordination between responsible to streamline O&M, facility management, funding, and permitting.	1.2.7, 9.5.2				
9.5.2. Review and update operations and maintenance protocols and best practices.	1.2.7, 8.4.2, 9.5.1				
9.5.3. Implement new technologies such as real-time monitoring, reporting, and controls.	8.4.3				