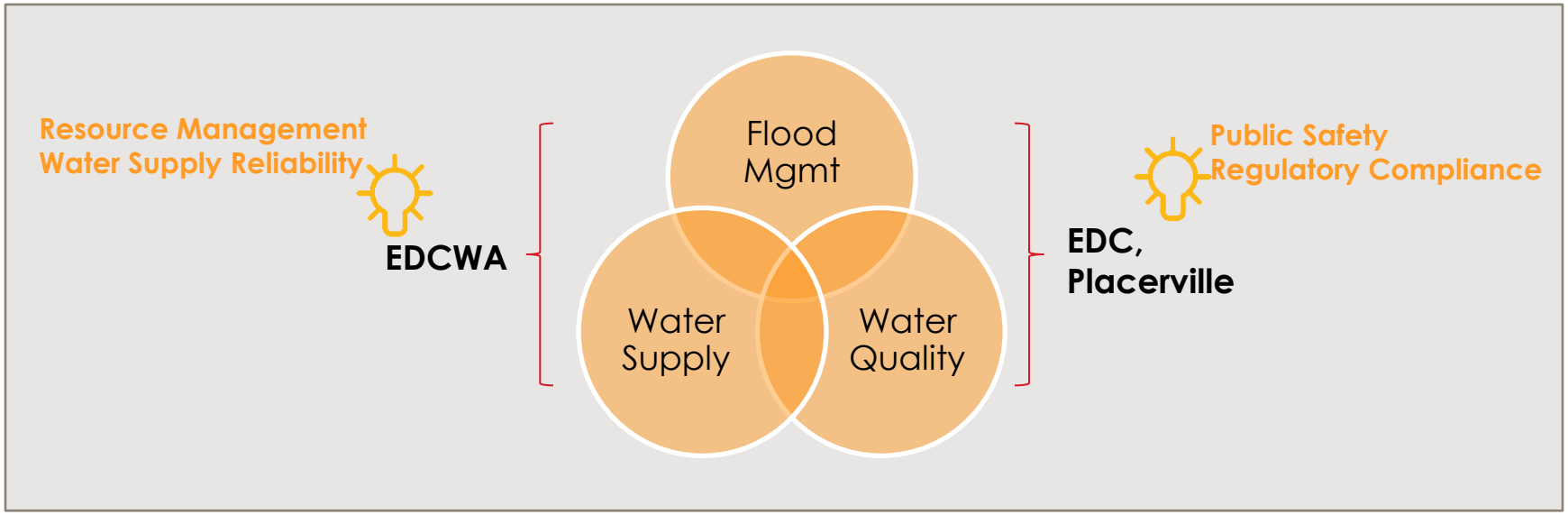
City of Placerville City Council Presentation

West Slope Stormwater Resource Plan

March 27, 2018

Stantec

Stormwater as a Resource

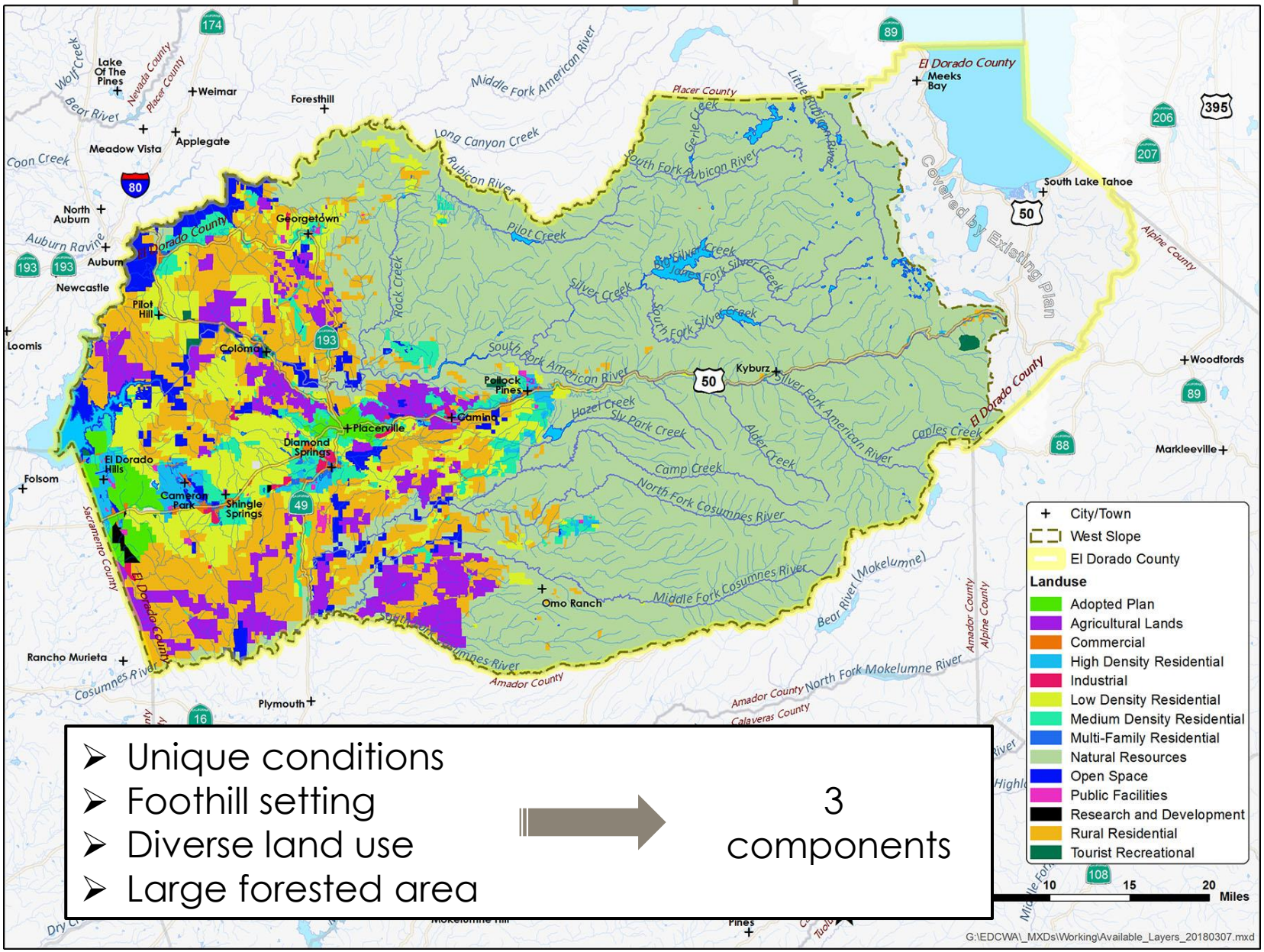


Integrated Water Management for Sustainability and Economic Development

Organizational Development and Capacity Building

Opportunities for State and Federal Technical and Financial Assistance

Land Use in West Slope

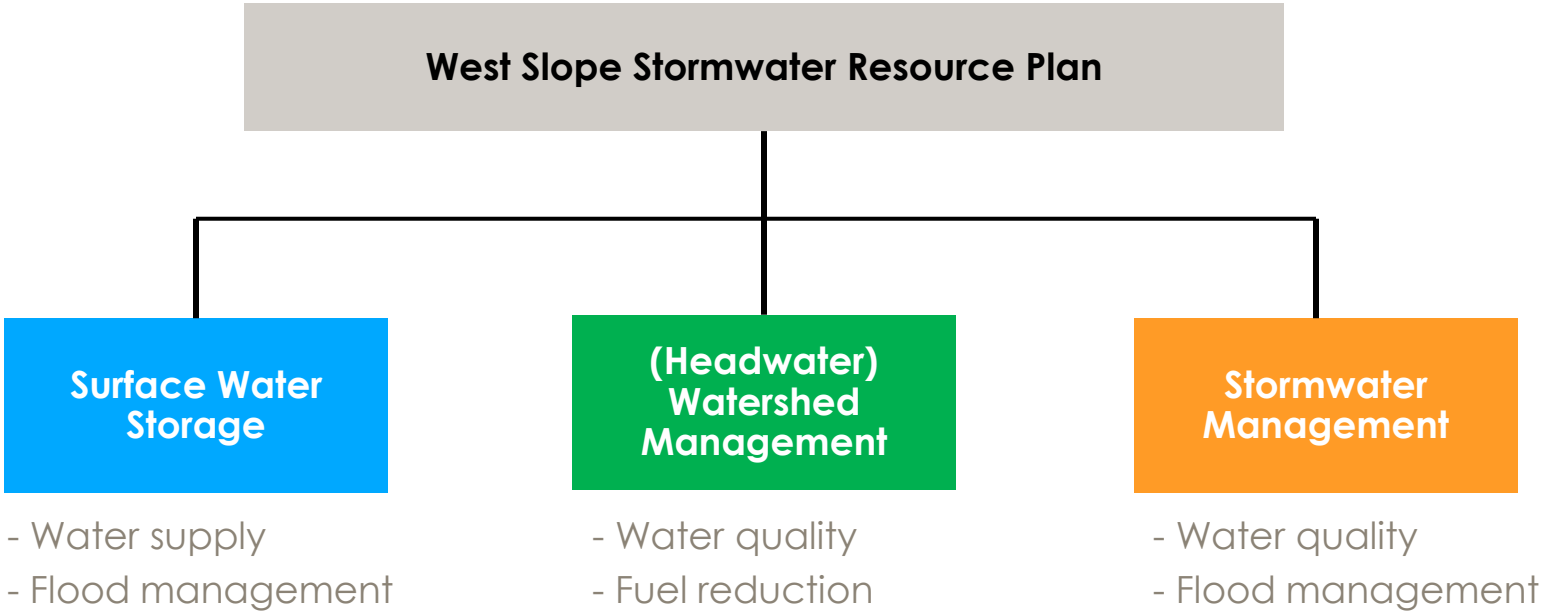


- Unique conditions
- Foothill setting
- Diverse land use
- Large forested area

→ 3 components

West Slope SWRP

- An SWRP is needed for Proposition 1 grant eligibility
- West Slope SWRP developed in conformance with State Water Board Guidelines
- Broken into 3 components to recognize unique settings and needs



Collaboration with Agencies

Received Information From:

1. **City of Placerville**
2. **El Dorado County**
   - **Community Development Services**
   - **Department of Environmental Management**
3. **EDCWA**
4. **American River Conservancy**
5. **El Dorado County & Georgetown Divide Resource Conservation Districts**
6. **El Dorado Irrigation District**
7. **U.S. Forest Service**
8. **Caltrans**

Contacted:

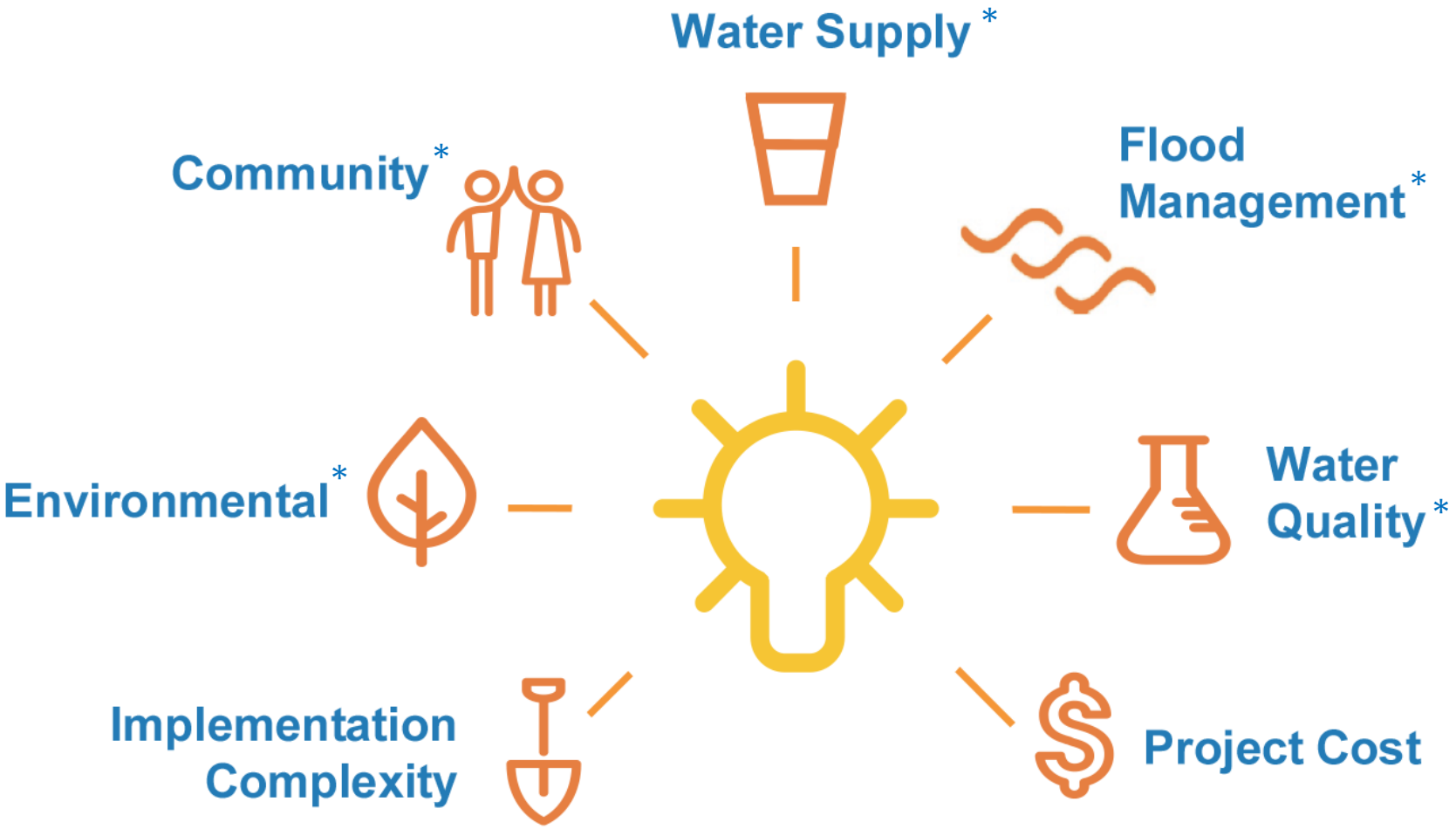
El Dorado County Department of:

1. Environmental Management
2. Transportation
3. Planning and Building
4. Parks and Trails
5. Code Enforcement
6. Agriculture
7. Surveyor

Additional Agencies:

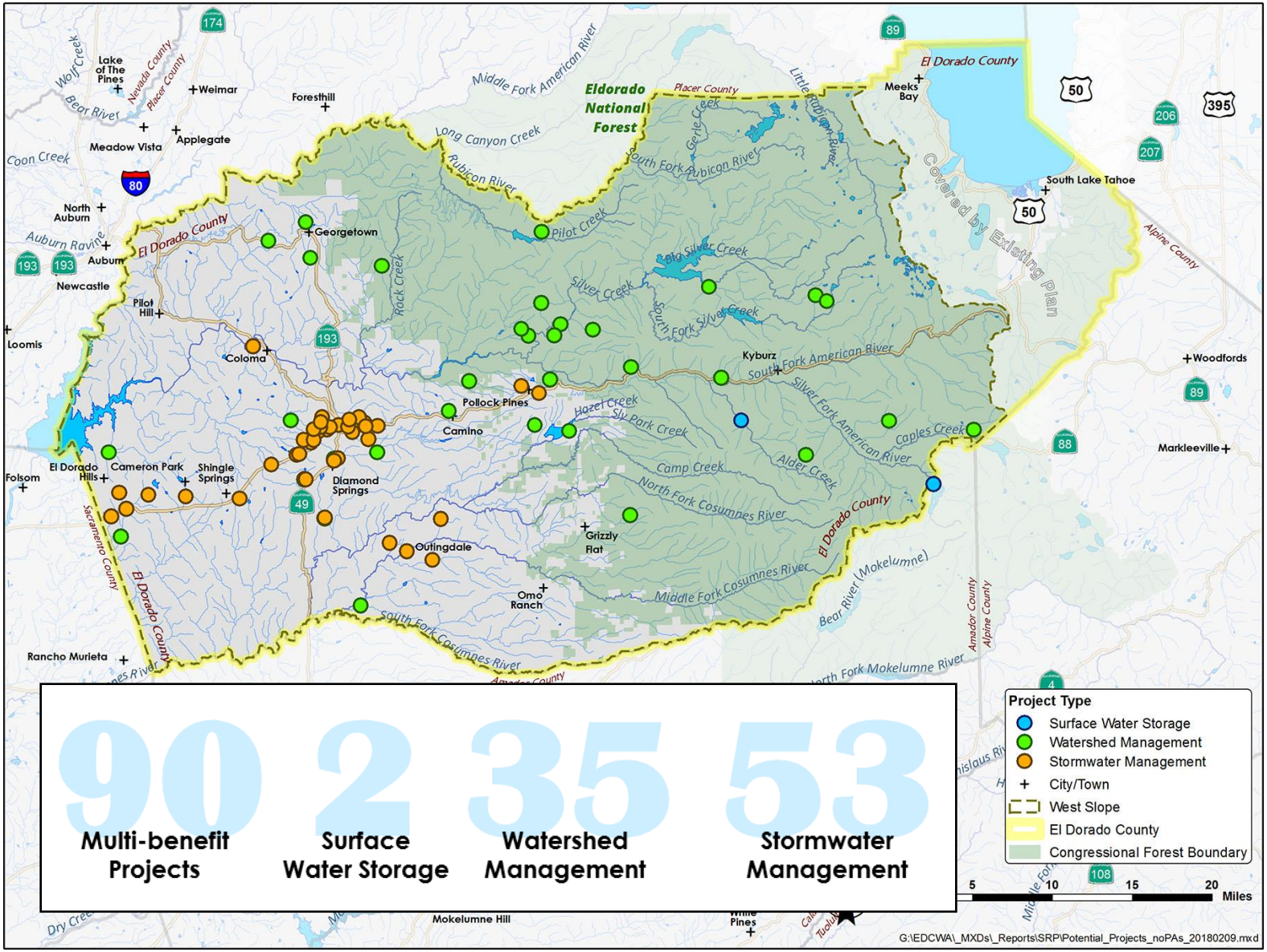
1. Cosumnes, American, Bear & Yuba (CABY) Integrated Regional Water Management Group

Multi-Benefit Project Considerations



* Required by State Water Board SWRP Guidelines; other categories developed to aid in prioritization.

Multi-Benefit Projects



Project Evaluation Process

Project Identification

- Solicited projects from various agencies

Project Evaluation

- Confirmed criteria & assigned weights at workshop with all Partners present
- Performed qualitative & quantitative analysis

Project Prioritization

- Projects grouped into A, B, C
- Confirmed results at meeting with all Partners present
- No comments from public on results

15 Top Priority Projects

Surface Water Storage Component

- Alder Reservoir
- Silver Lake Dam Remediation

Watershed Management Component

- Fire Adaptive along Highway 50-Fuels Reduction
- Caples Watershed Improvement

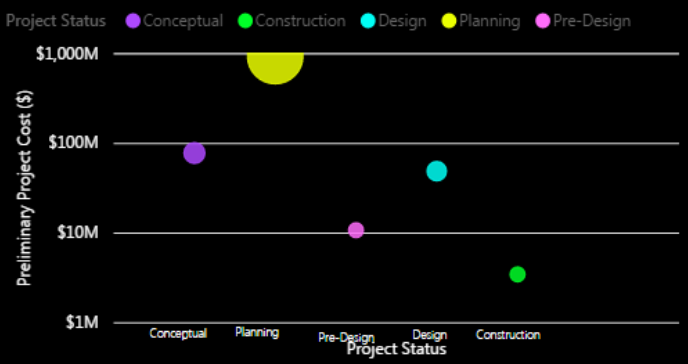
Stormwater Management Component

- Headington Yard Wash Rack
- Diamond Springs Parkway-Roadway and Drainage Improvement Project
- Town of El Dorado Drainage Improvements
- Town of El Dorado Green Street Project
- Splash in the Class-Outreach Program
- Union Mine Landfill Retention Pond
- Upper Main Ditch Stormwater Improvements
- BMP Countywide Demonstration Projects
- Cameron Park Drainage Improvements
- Stormwater Detention Basin-Hangtown Creek Flood Damage Reduction Project
- Cedar Ravine Road Drainage Improvement

Data Management Tool

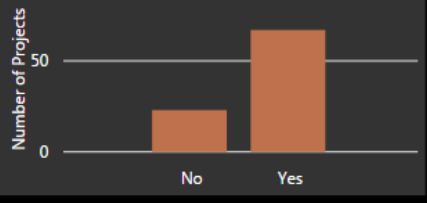
West Slope SWRP Project Summary

Project Status and Project Cost

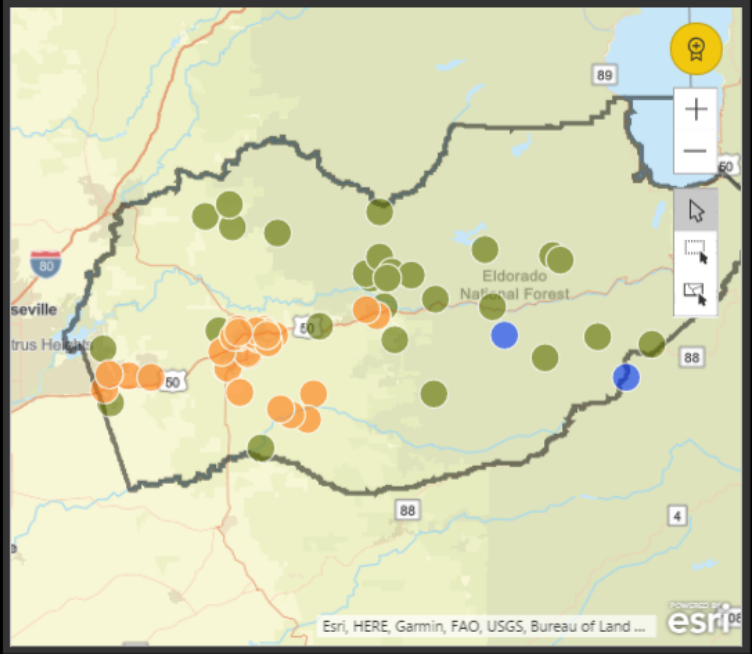


Total Number of Projects	
90	
Total Preliminary Cost	
$1,082M	
Funding/Spent Received to Date ($)	
$0M	
In -Kind ($)	**Grant/Other ($)**
$0M	$0M

Projects Benefiting DAC/EDA



Project Location



Project Summary

Project ID	Project Component	Project Name	Project Type	Grouping	Responsible Agency
100	Surface Water Storage	Alder Reservoir	Reservoir Creation	A	EDCWA
104	Surface Water Storage	Silver Lake Dam Remediation	Reservoir Upgrade	C	EID
200	Watershed Management	Biomass Plant-Union Mine	Renewable Energy	A	EDCWA
202	Watershed Management	Slate Creek Monitoring Project	Water Quality Management	B	El Dorado County - Community Development Serv
206	Watershed Management	Carson Creek Restoration	Creek Restoration	A	El Dorado County- Community Development Servi
207	Watershed Management	New York Creek Restoration	Creek Restoration	A	El Dorado County- Community Development Servi
208	Watershed Management	Weber Creek Restoration	Creek Restoration	A	El Dorado County- Community Development Servi
209	Watershed Management	King Fire Watershed Restoration & Reforestation Project	Fire Restoration	B	El Dorado County & Georgetown Divide Resource

SWRP Implementation

Presentations and Adoptions

- EDCWA Board of Directors – March 14th
- Placerville City Council – March 27th
- EDC Board of Supervisors – April 10th

Future Updates: Every 5 years, with annual progress assessments; EDCWA continue to lead this collaborative effort

Near-Term Next Steps

1. EDCWA to complete data management tool
2. CABY to incorporate projects into IRWMP
3. State Water Board to review SWRP for concurrence
4. Partner Agencies to further develop top priority projects for implementation