



NACWA



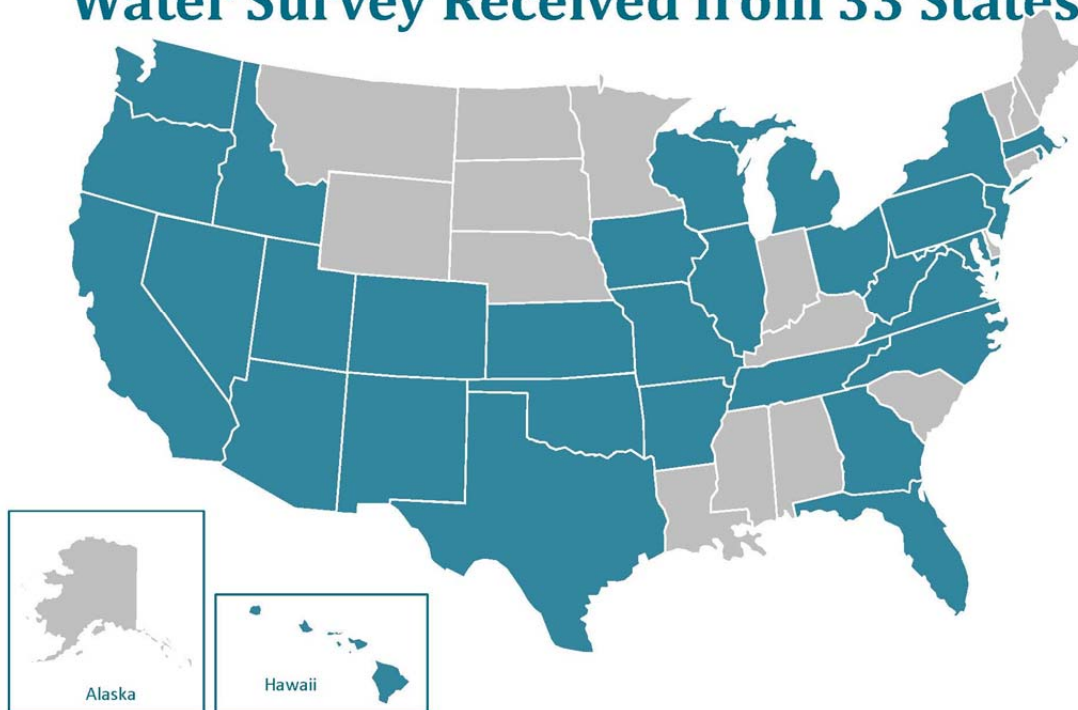
Western Recycled Water Coalition

Recycled Water Projects National Survey October 2013 Summary of Findings

General Survey Responses:

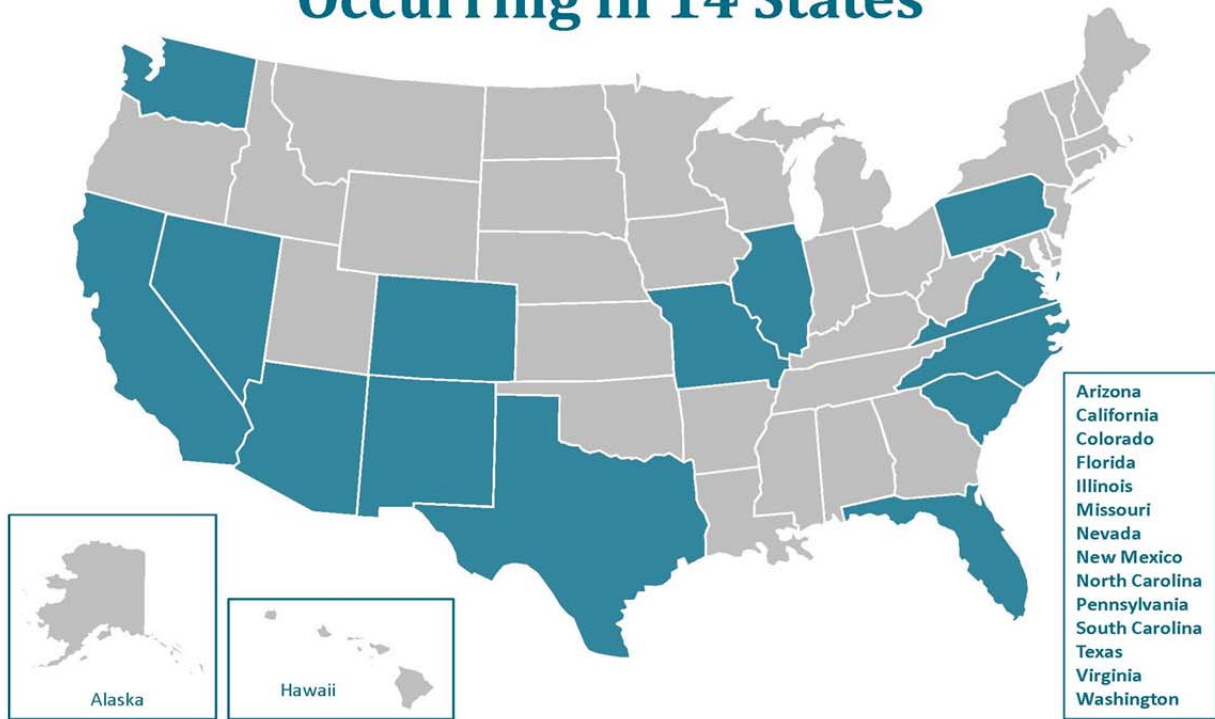
- 219 organizations/agencies from 33 states responded to the survey.

October 2013 Responses to Recycled Water Survey Received from 33 States

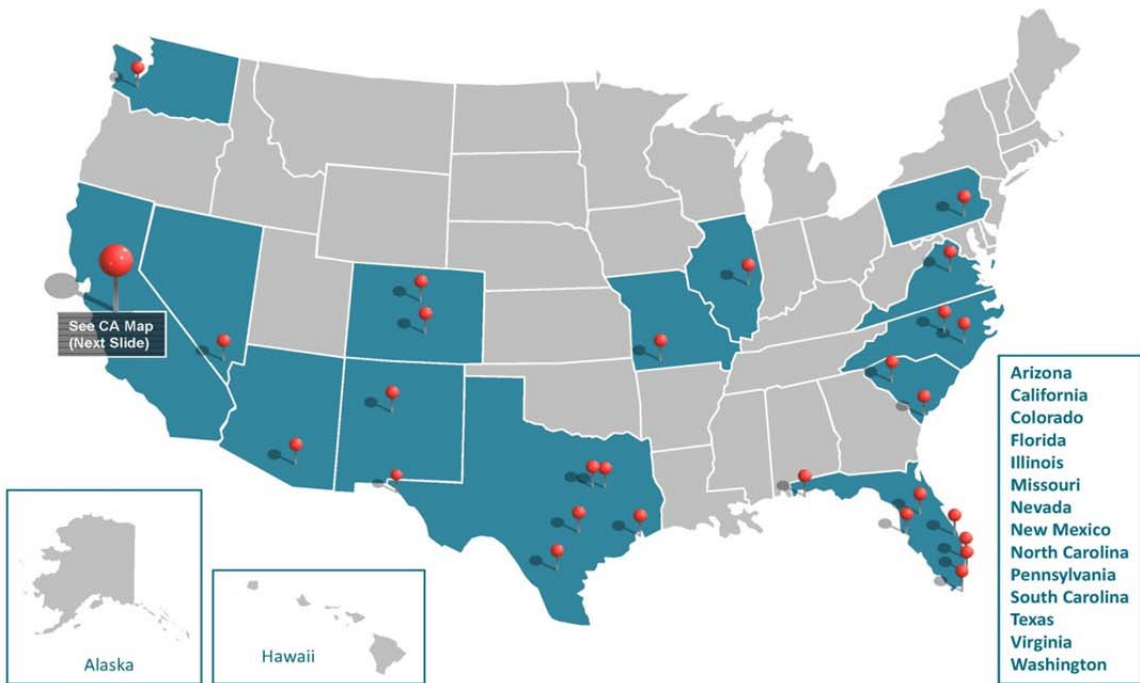


- 97 of the organization/agencies responded that they are not currently developing recycled water projects
- 30 organizations/agencies responded that they are developing recycled water projects, but did not respond to the detailed questions
- 92 organizations/agencies in 14 states responded that they are developing recycled water projects and did answer the detailed questions (65 - representing 71% of responses - were from California)

Recycled Water Development Actively Occurring in 14 States



92 Agencies with Recycled Water Projects



65 Projects in California



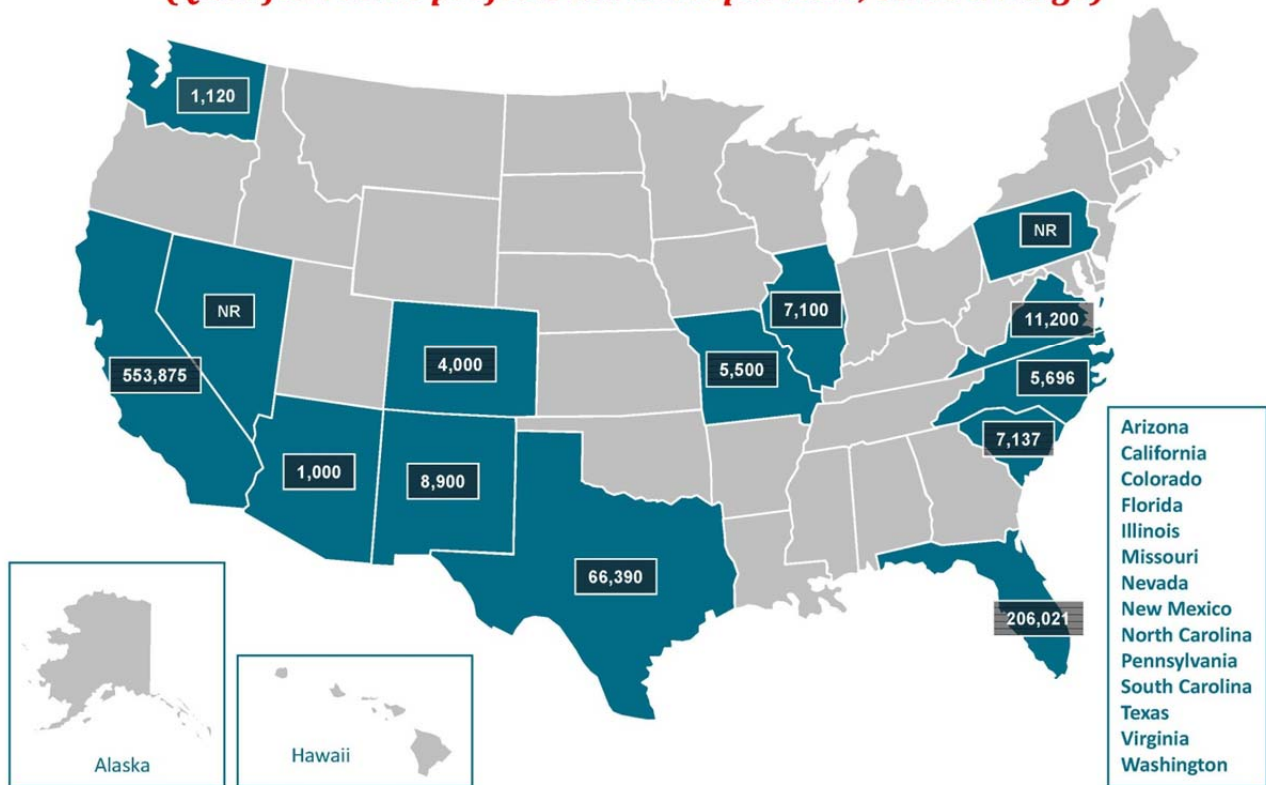
- Of the 92 organizations/agencies that are developing recycled water projects, 75% responded that they are actively investing in these projects as opposed to just having the projects in their future plans

Potential Recycled Water Development Reported:

- ~877,939 AFY total from 84 projects (553,875 AFY from 65 California projects)

~877,939 AFY Being Developed

(Qualifier: some projects did not report AFY, some a range)



Summary of Facilities to be Constructed:

- 92 respondents reported that they would be developing
 - 14 Advanced treatment facilities (UV/MF/RO); 12 tertiary treatment facilities; and 5 scalping plants;
 - 45 storage facilities;
 - 69 pump stations;
 - ~667 miles of pipeline; and,
 - 36 miscellaneous project components that will expand treatment capacity, distribution, or construct other related facilities.
 - 9 projects will augment groundwater supplies
 - 6 organizations are planning indirect potable reuse projects
 - 2 organizations are developing direct potable reuse projects
 - 1 is developing stormwater capture, treatment and reuse
 - Most of the respondents/facilities are in California:
 - 13 Advanced treatment facilities (UV/MF/RO); 9 tertiary treatment facilities, 5 scalping plants;
 - 36 storage facilities;
 - 58 pump stations;
 - over 556 miles of pipeline; and,
 - 23 miscellaneous project components that will expand treatment, distribution, or other related facilities.
 - Five are planning groundwater recharge projects and 4 are planning indirect potable reuse projects.

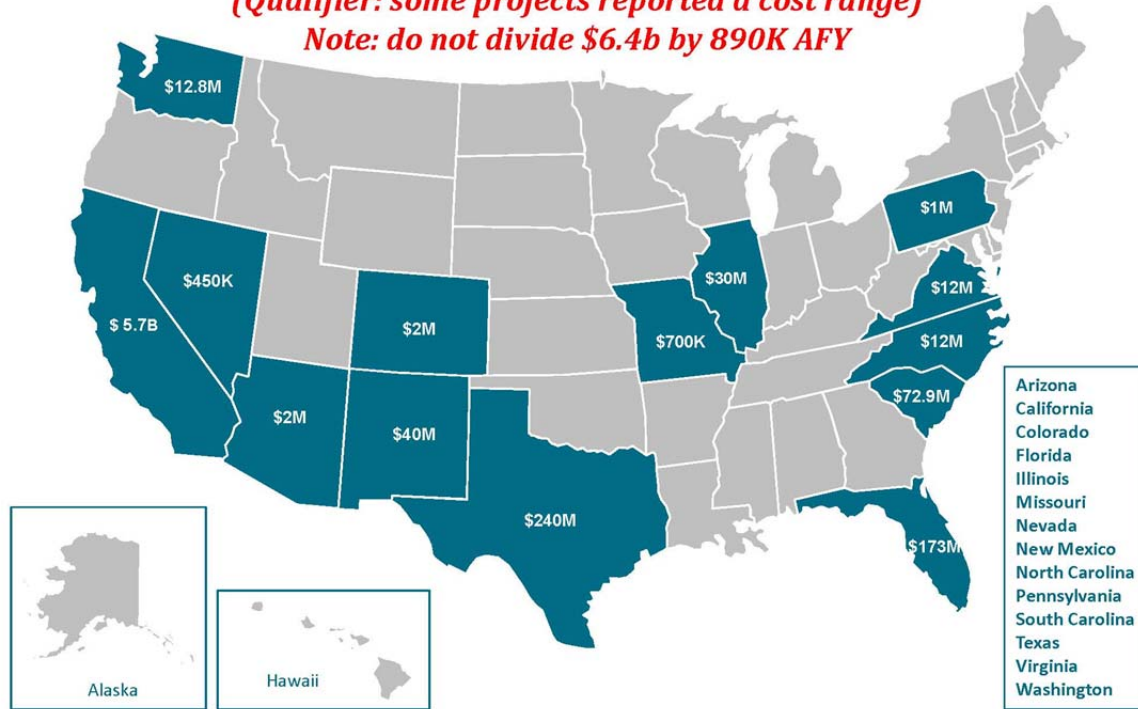
Estimated Project Costs:

- Total Estimated Project Cost: \$6.4 Billion (from 84 projects)
- Total Spent to Date: \$631 Million
 - 69 projects or 75% of the 92 respondents reported they are spending dollars now
 - On average, responding agencies have spent 10% of the estimated project costs

\$6.4 Billion Total Project Costs

(Qualifier: some projects reported a cost range)

Note: do not divide \$6.4b by 890K AFY



Project Funding:

- Agencies are looking for approximately 50% of the total project cost in state and federal subsidies.
- Financial support needed: \$2.8 Billion

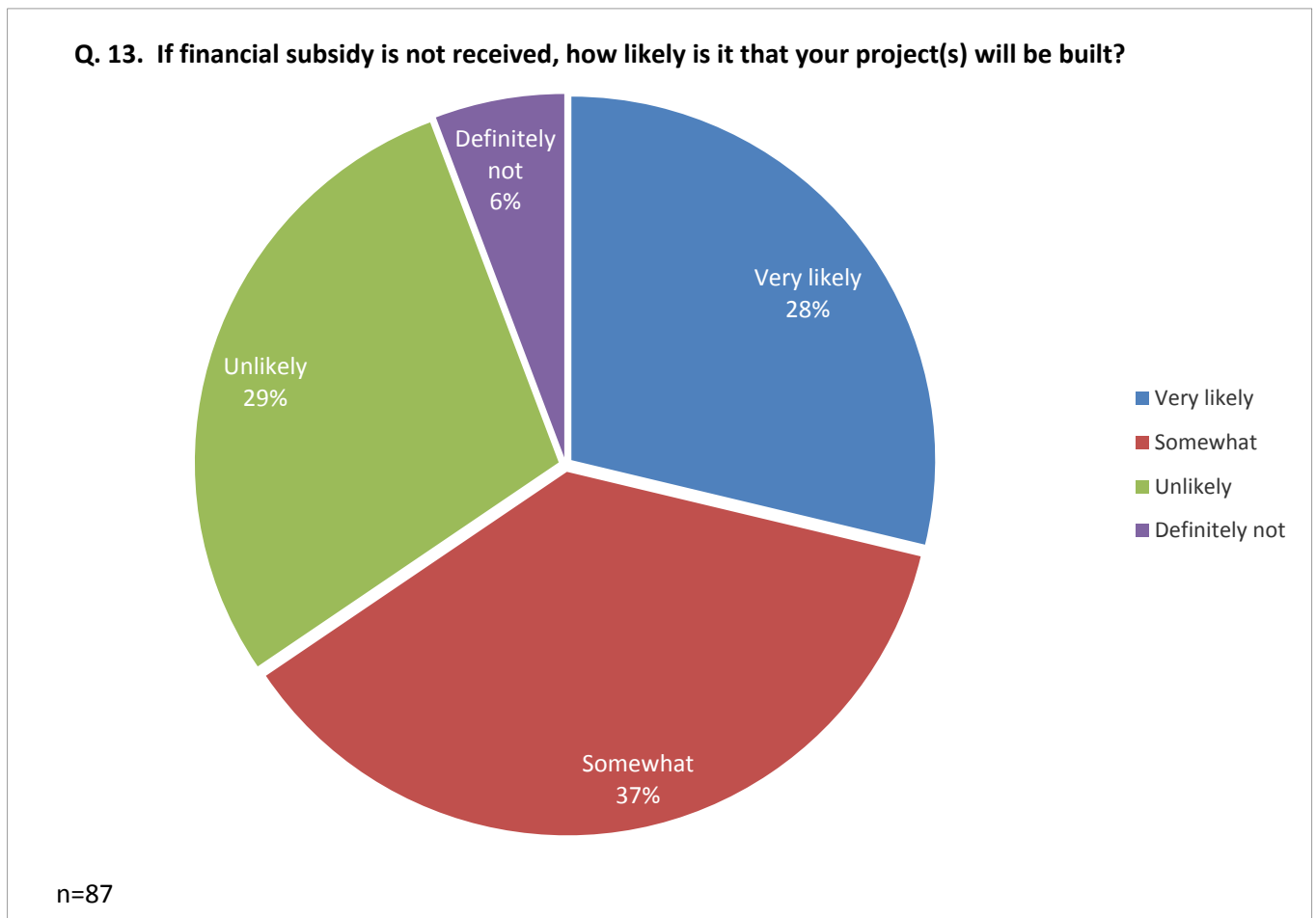
Table 1. Number of agency responses by state to survey questions 9 and 10.

State	Have applied for Title XVI Funding	Have received Federal or State Funding Commitment
California	41	28
Florida	Not eligible	1
Illinois	Not eligible	1
New Mexico	1	
Pennsylvania	Not eligible	1
Texas	2	2
Washington		1
Total	44	34

- Total Federal and State funding/funding commitments received to date: \$448 Million
 - Funding Sources
 - \$380 M SRF Loan;
 - \$34 M Title XVI;
 - \$3.7 M Other WaterSmart Grant;
 - \$2.7 M Other Federal Grant;
 - \$28 M Other State Grant.

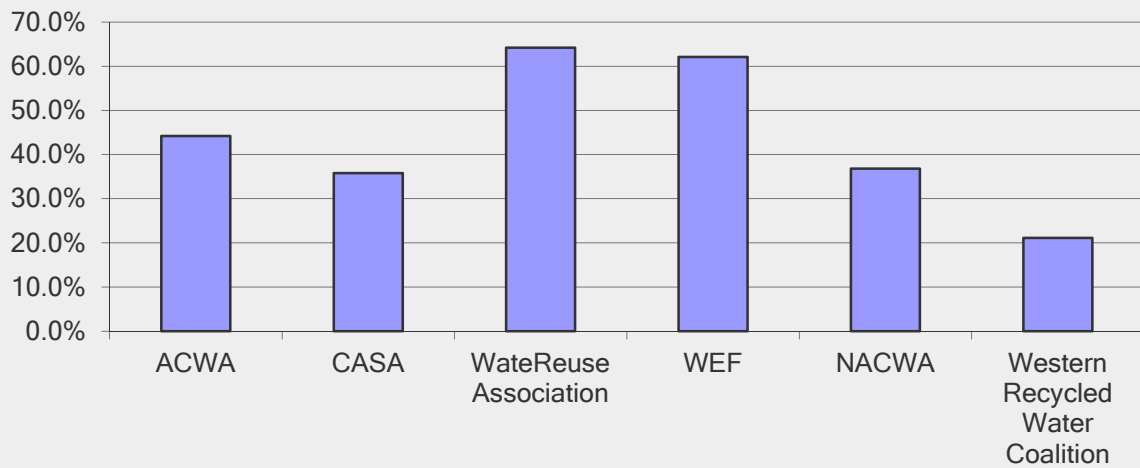
Agencies are looking for approximately 50% of the total project cost in state and federal subsidies.

- About 31 projects (or 35%) are “unlikely or definitely not” going to move forward without financial assistance; 29 of those projects are located in California.



- This represents ~235 TAF of yield (226 TAF in California)

Does your organization belong to any coalition or association actively advocating for recycled water project funding? (check all that apply)



Besides any organized effort described in the previous question, does your organization retain lobbyist support services at the state or federal level that advocate for recycled water funding?

