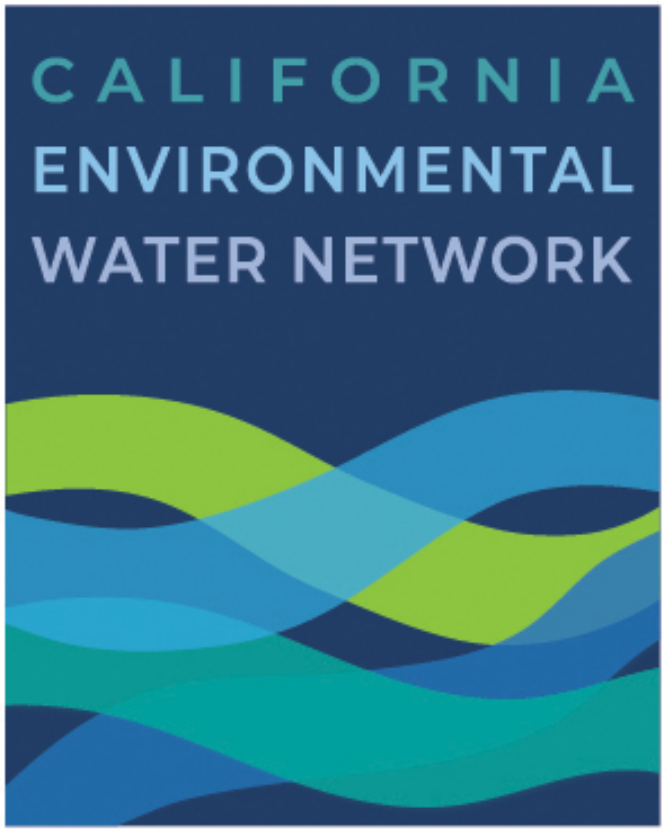


CALIFORNIA ENVIRONMENTAL WATER NETWORK MEMBER SURVEY ANALYSIS

(SALMON AND STEELHEAD COALITION)

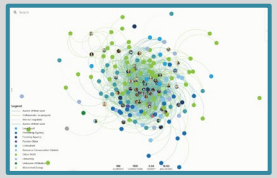
2020

Three pillars of monitoring for effectiveness of the California Environmental Water Network

Connectivity

- Membership or the people or organizations that participate in the Network
- Structure or how connections between members are structures and what flows through those connections

Social Network Analysis Map



Health

- Resources that the network needs to sustain itself (e.g. external funding)
- Infrastructure or the internal systems and structures that support the network

Annual Member Survey

Results

- Interim outcomes or results achieved as the network works toward its goal or intended impact (3 year goals).
- The goal or intended impact itself.

Targeted watershed evaluations and tracking of results

Currently Drafting

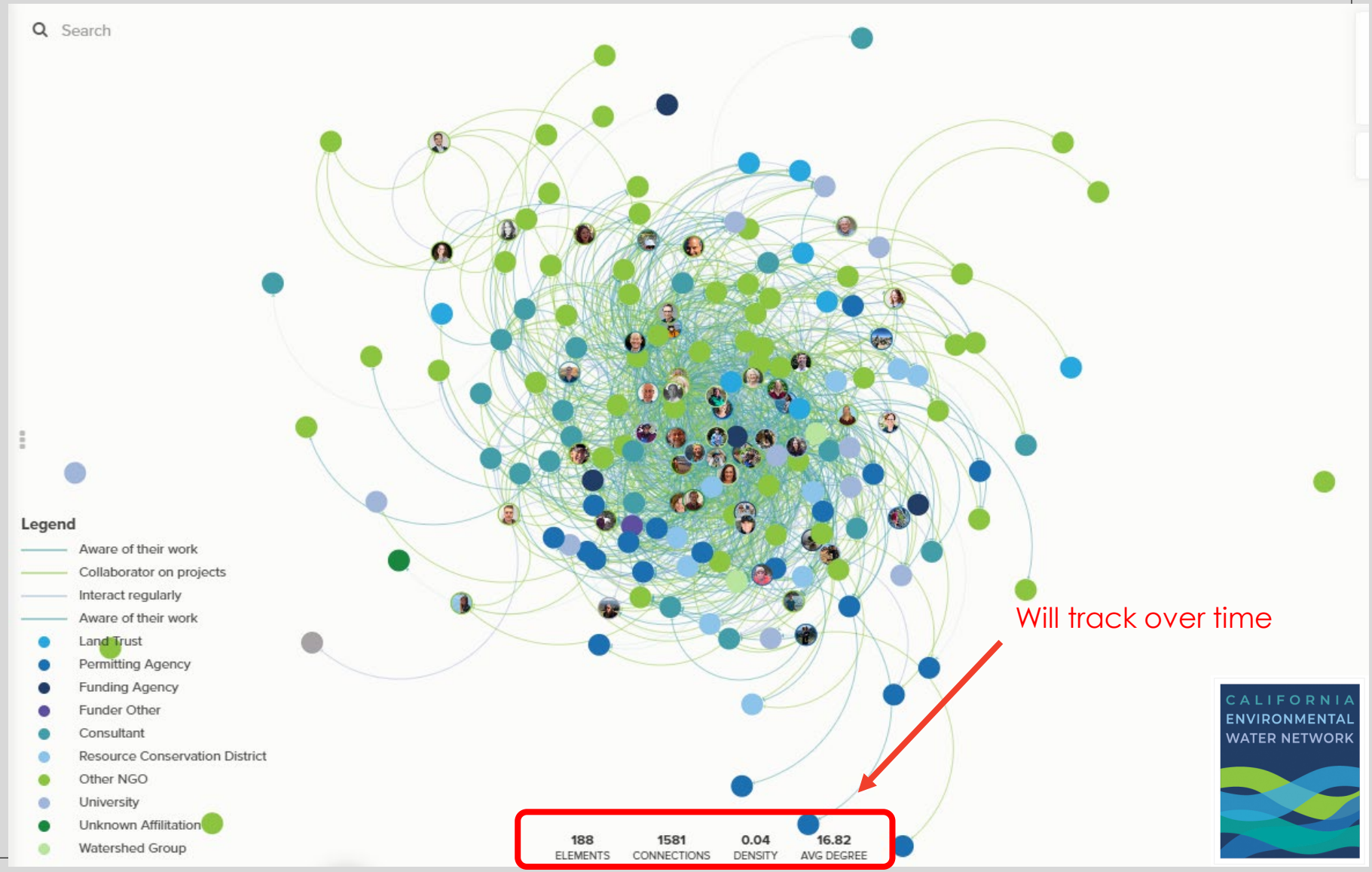
NETWORK IMPACT

2020 California Environmental Water Network Social Network Analysis

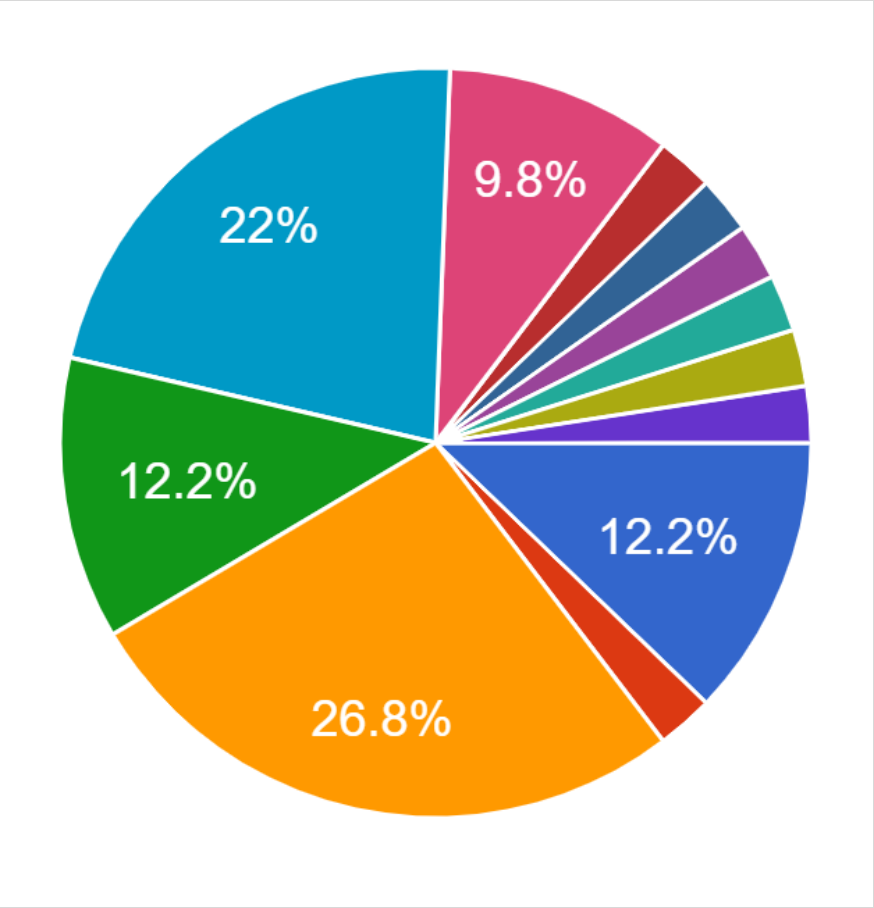
Total Community

Metrics:

1. Total Elements: A count of all the Members in the map.
2. Total Connections: A count of all the connections in the map.
3. Density: Compares the actual connections to the number of potential connections in the Network. (1) highest possible density, and (0) is the lowest.
4. Average Degree: The average number of connections across all Members in the map.



41 members responded (~20%)



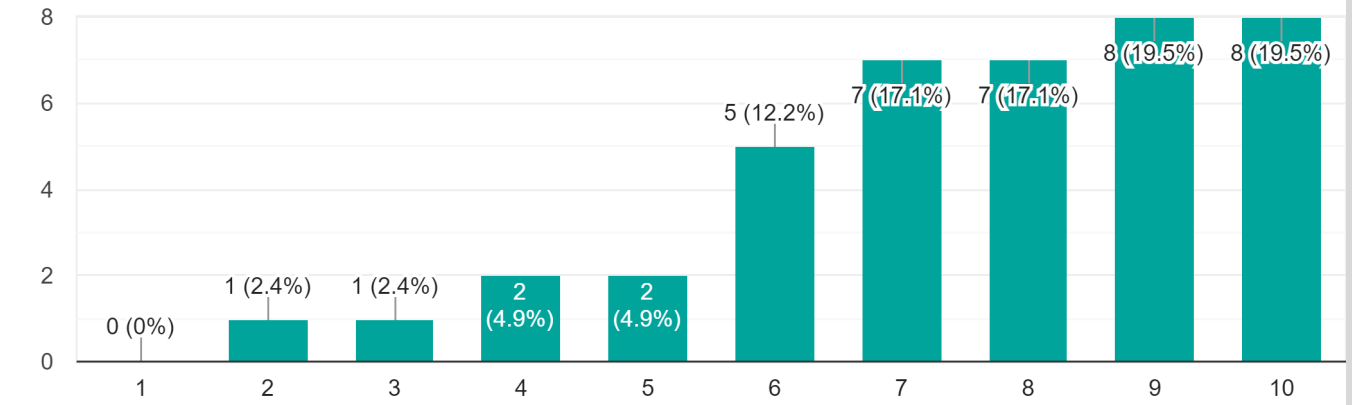
- Consultant
- Land trust
- Other NGO
- Permitting agency (State/Federal/Local)
- Private Funder
- Public funding agency (State/Federal/…
- Resource Conservation District
- Tribe
- Watershed Group
- Hayfork Watershed Center-Retired
- Researcher
- Advisor, investor
- University scientist
- Project Development (Non Permitting Government Agency)

Klamath Basin
Russian River
Sierra Nevada
Marin
North Coast
Central CA Coast
San Joaquin Valley
Sacramento Valley

CALIFORNIA ENVIRONMENTAL WATER NETWORK

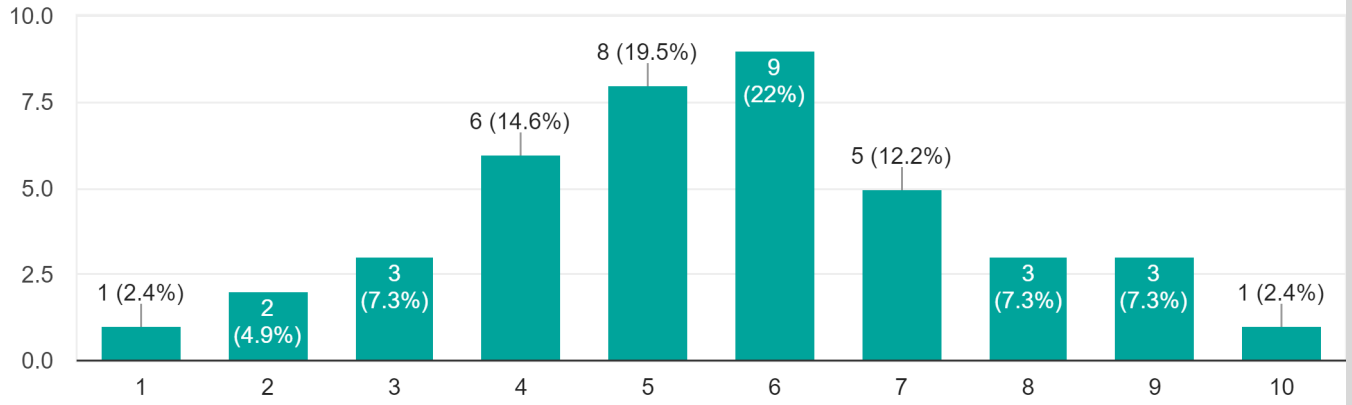
Please rate your current level of understanding of the California Environmental Water Network.

41 responses



Please rate the current level of engagement with the California Environmental Water Network.

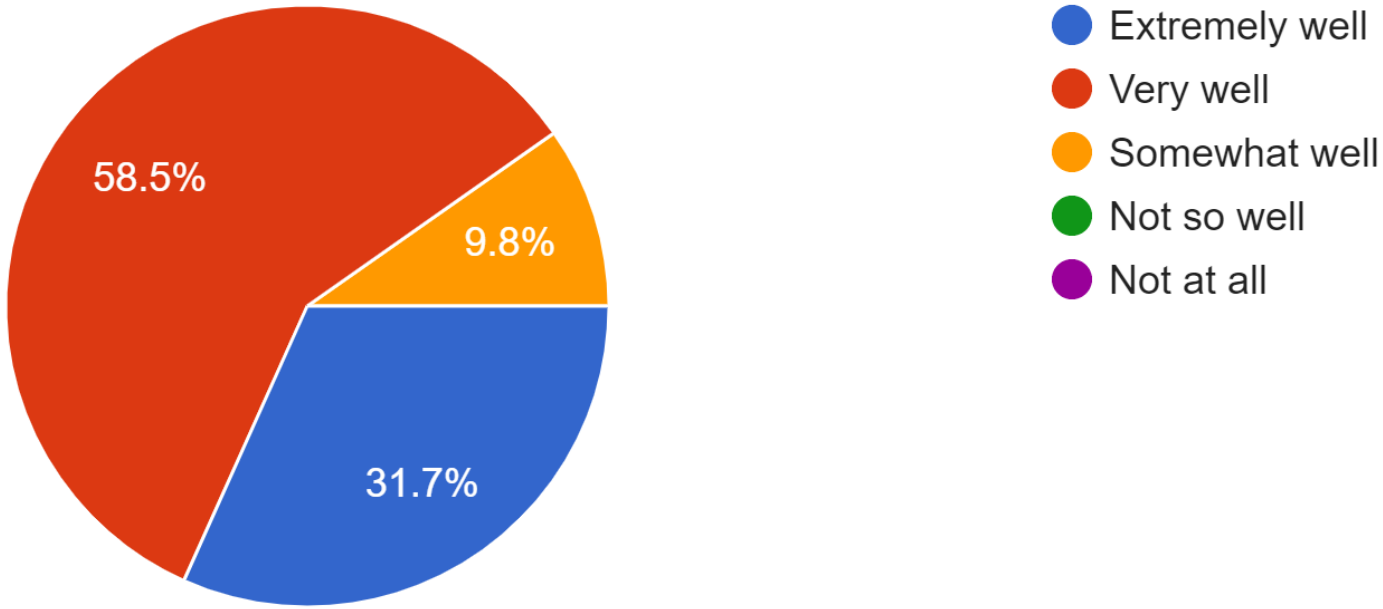
41 responses



CALIFORNIA ENVIRONMENTAL WATER NETWORK

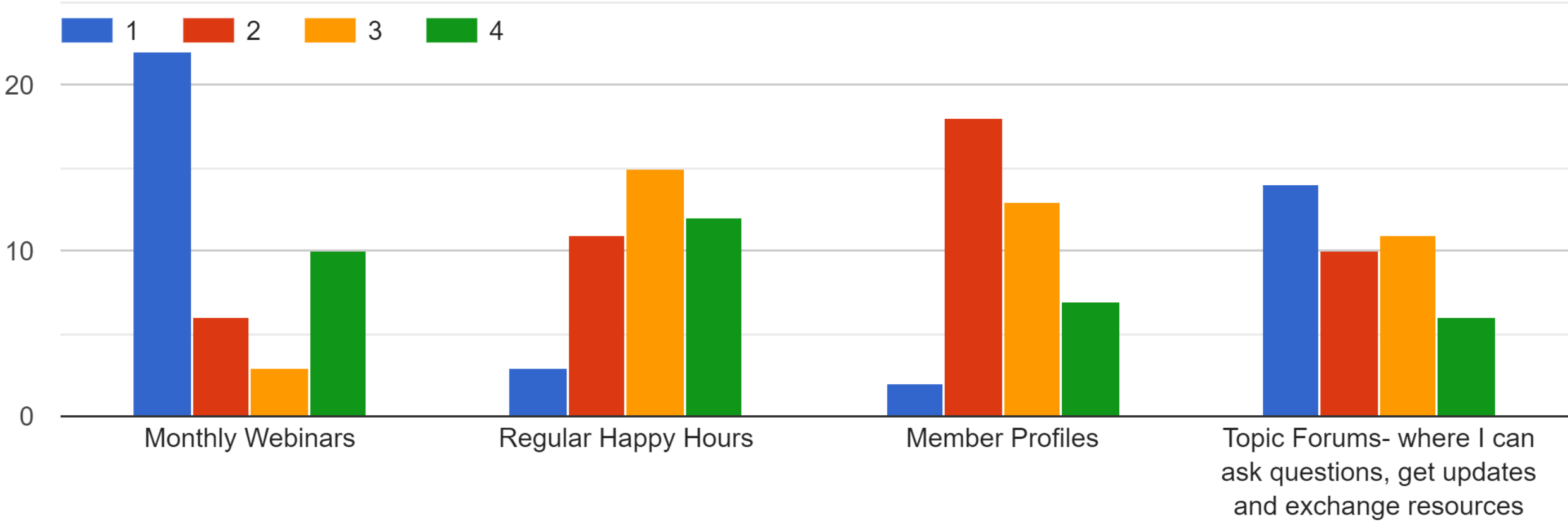
How well is the Network delivering on its purpose of creating connections, sharing resources, and developing opportunities to build your technical expertise?

41 responses



We asked participants to rank from 1 to 4 what activities they found most important to them.

Our average attendance rate for webinars is 112%



An example of responses provided to the following question: “Name on thing you like about the Network?” (39 responses provide in total)

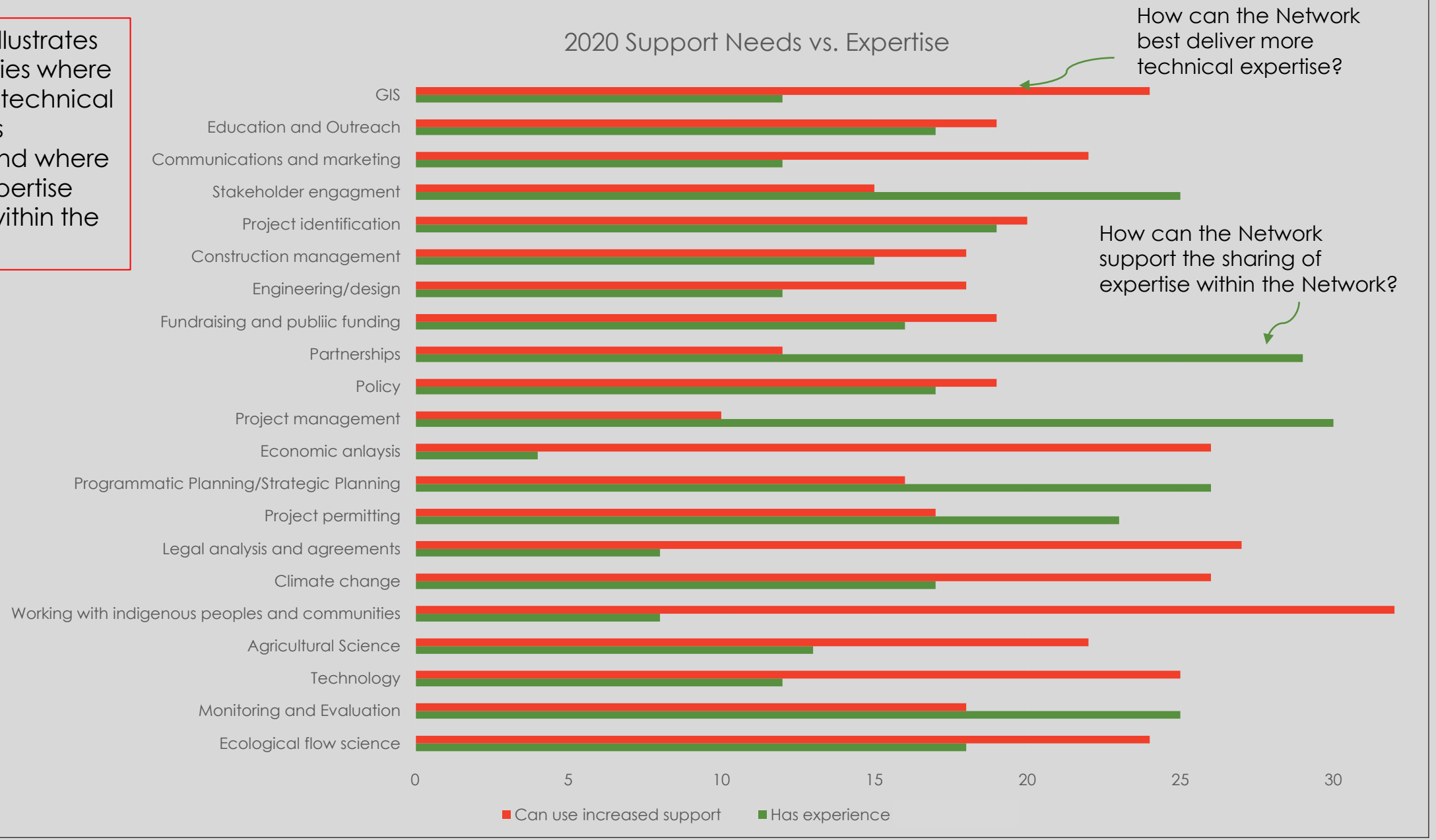
- The community
- The support of others working on water issues
- Connecting with people who are interested in working together for solutions.
- Learning about the work others are doing.
- The sense that we’re part of a strong community that knows about and values our work is a game changer as our streamflow work is largely invisible or inconsequential to the local citizenry
- Information-packed webinars.
- Platform focused on environmental flows
- I love the ability to make new connections and learn from others! Learning from other's experiences is so helpful, especially to someone relatively "new" to this career as myself.
- How diverse and comprehensive- I'm seeing folks I haven't seen in a decade!
- I love being able to ask experts questions and I can't believe they take the time to answer!
- Statewide access to current information presented in live discussions.
- The people and resources it makes available to me
- Easier to make connections.
- The diversity of participants, it reaches outside of CA.
- Very organized, lots of new content, and great website interface.

An example of responses provided to the following question: "Name on thing you would change about the Network?" (34 responses provide in total)

- Nothing needs to change (12 out of 34)
- Improve opportunities to engage with others beyond listening to webinars.
- It could be beneficial to have a database/list of either big programs or projects with links to the people involved and/or subject matter. That way we could search out folks who have specific experience or projects if we needed expertise or feedback on something similar. Not sure if that's a huge undertaking. (2 responses)
- More webinars.
- Expand the network further to wider audience or beyond environmental flows (2 responses)
- More opportunities to connect with other members. Perhaps I am just not that great at this (especially virtually) but some nudges/assistance for this, or other opportunities besides happy hours, would be appreciated!
- I wish I had more time to spend learning about it and engaging in it (2 responses)
- Too many updates, I sometimes find the content distracting (counterproductive) (3 responses)
- Increase my weekly participation
- Log in in is weird. I don't want to login to see posts or other activity.
- It would be nice to have a lunch social every once in a while, so it is easier for me to attend.
- I hope there is a plan to offer an in-person event once it's safe to do so!

CALIFORNIA ENVIRONMENTAL WATER NETWORK

This chart illustrates opportunities where increased technical expertise is needed and where there is expertise currently within the Network.



CALIFORNIA ENVIRONMENTAL WATER NETWORK

What other activities could the Network facilitate that would assist you in your role?

- Provide more project examples (flow releases, recycled water, groundwater recharge)
- Provide funding to participate in more Network activities- capacity is a limiting factor.,
- Technical hands-on training (when safe to do so)
- Find us employees
- Stream flow field days to explore projects both installed and not yet planned
- State and Regional agency presentations. or consultants that work with them in water rights
- Provide in person meetings that includes financial support to do so.
- Repository for all the resources, project descriptions, and technical tools you are developing or aware of?

Future webinar topics

(names indicate people who are willing to present in a webinar)

- Working with indigenous communities
- Water Funds Network
- Community engagement
- Modeling for environmental flows
- Programmatic permitting for threatened and endangered species recovery (late in 2021)
- Funding opportunities
- Interconnectedness of flow and recharge
- Cutting Green Tape
- balancing needs of immediate flow for near-term survival vs. long-term management actions for sustained flows in the future given a changing climate
- high impacts dams in CA & the stage/potential for removal
- Water law
- Capacity funding for RCDs
- Permitting pathways specific to large-scale projects
- Water diversion projects in RWQCB Region 2
- Correlation between instream flow and other restoration activities and population response. Overcoming design review challenges for creative restoration projects.
- what have we learned as a community about the best strategies to move instream dedications forward (timing of petition with on-the-ground project components, etc)

- Water quality as it effects salmonids
- Bypass flows and how to set them for various projects
- DFW Instream Flow Program and Watershed Reports
- Rainwater harvesting projects
- Workload management

CALIFORNIA ENVIRONMENTAL WATER NETWORK