

Financing Adaptation

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Leaders for Livable Communities

Financing Adaptation is a Moving Target



https://upload.wikimedia.org/wikipedia/commons/thumb/9/98/FEMA_-_33306_-_Helicopters_drop_fire_retardant_on_the_Harris_fire_in_California.jpg/1280px-FEMA_-_33306_-_Helicopters_drop_fire_retardant_on_the_Harris_fire_in_California.jpg



https://commons.wikimedia.org/wiki/File:Bluff_erosion_in_Pacifica_2.jpg



https://commons.wikimedia.org/wiki/File:California_Drought_Dry_Riverbed_2009.jpg

Emerging Technologies are also Accelerating and will be Further Disruptive



https://c1.staticflickr.com/8/7111/27138933364_47b240f108_z.jpg



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Overview of Landscape

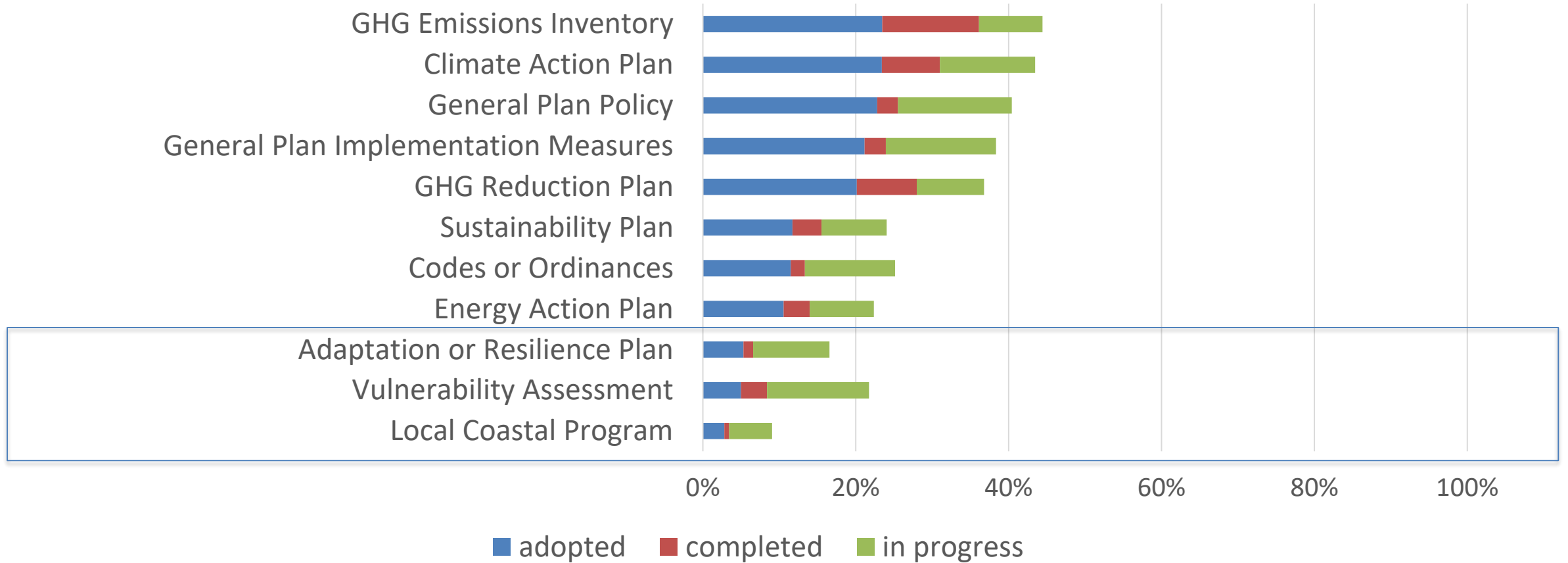
Annual Planning Survey and 4th Assessment Survey Results



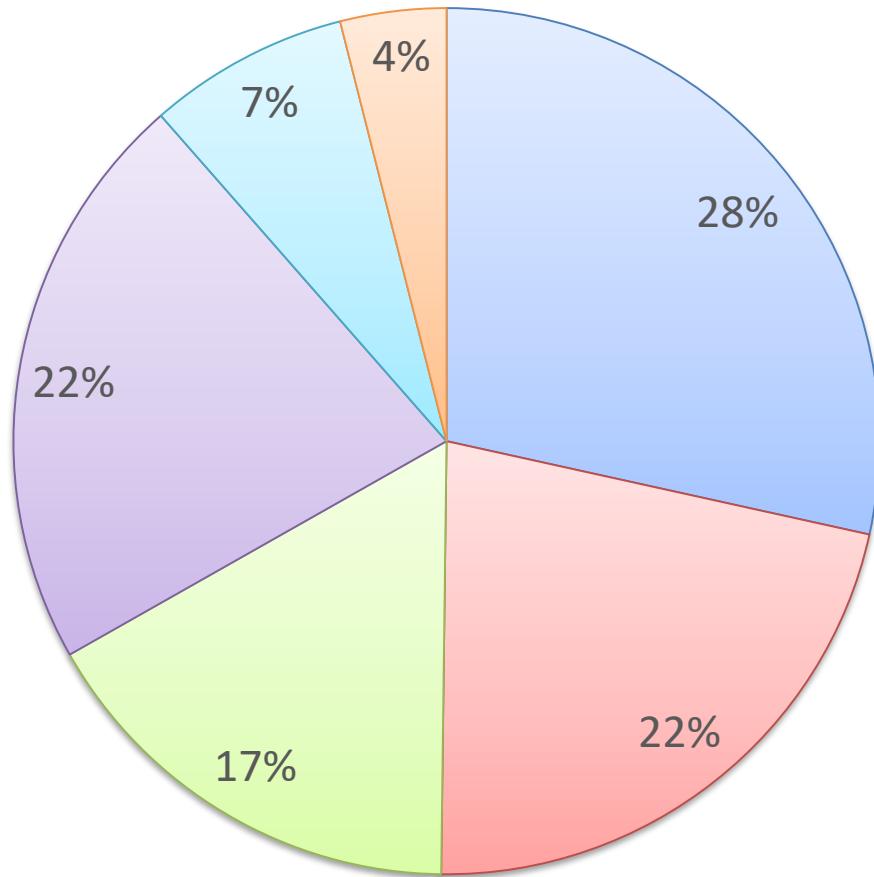
Impact and Implementation Estimates

<i>City of Goleta</i>		
Impact	Sea level rise related damage	\$23 million - \$92 million
Implementation	Full implementation of Climate Action Plan (both mitigation & adaptation)	\$27 million - \$39 million
<i>City of San Francisco</i>		
Impact	Sea level rise related damage	\$29 billion – \$62 billion
Implementation	Maintenance of existing transit infrastructure to build resilience	\$12 billion

Adaptation Plans, Policies and/or Programs

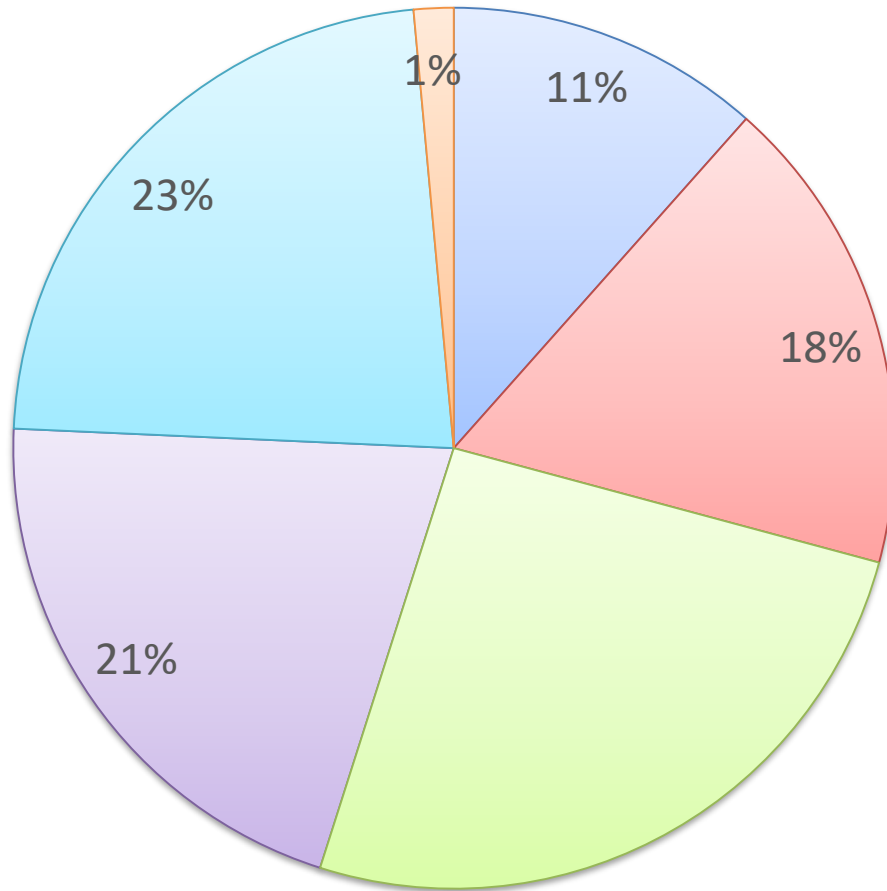


Over the Past 2 Years...



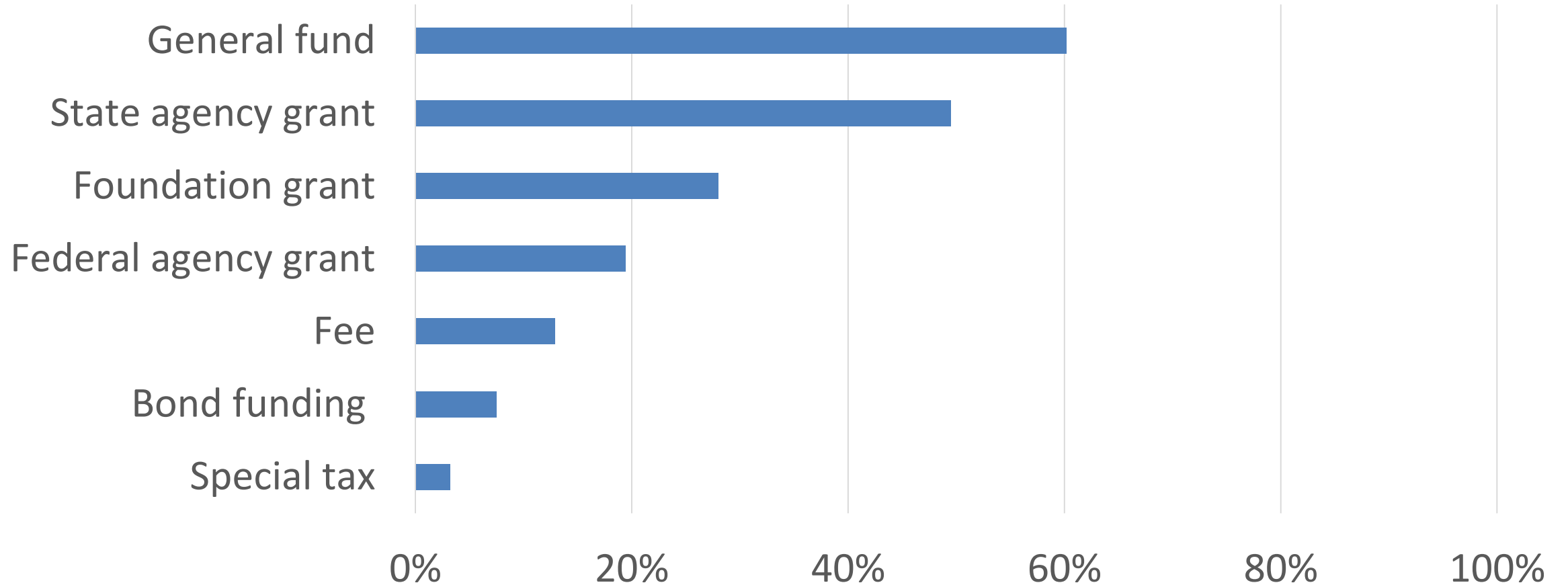
- Climate change risk or vulnerability assessment
- Adaptation/preparedness planning
- Implementation of adaptation actions
- Community engagement in adaptation planning or implementation
- Monitoring and evaluation of implemented adaptation actions
- Other (please specify)

Over the Next 5 Years...

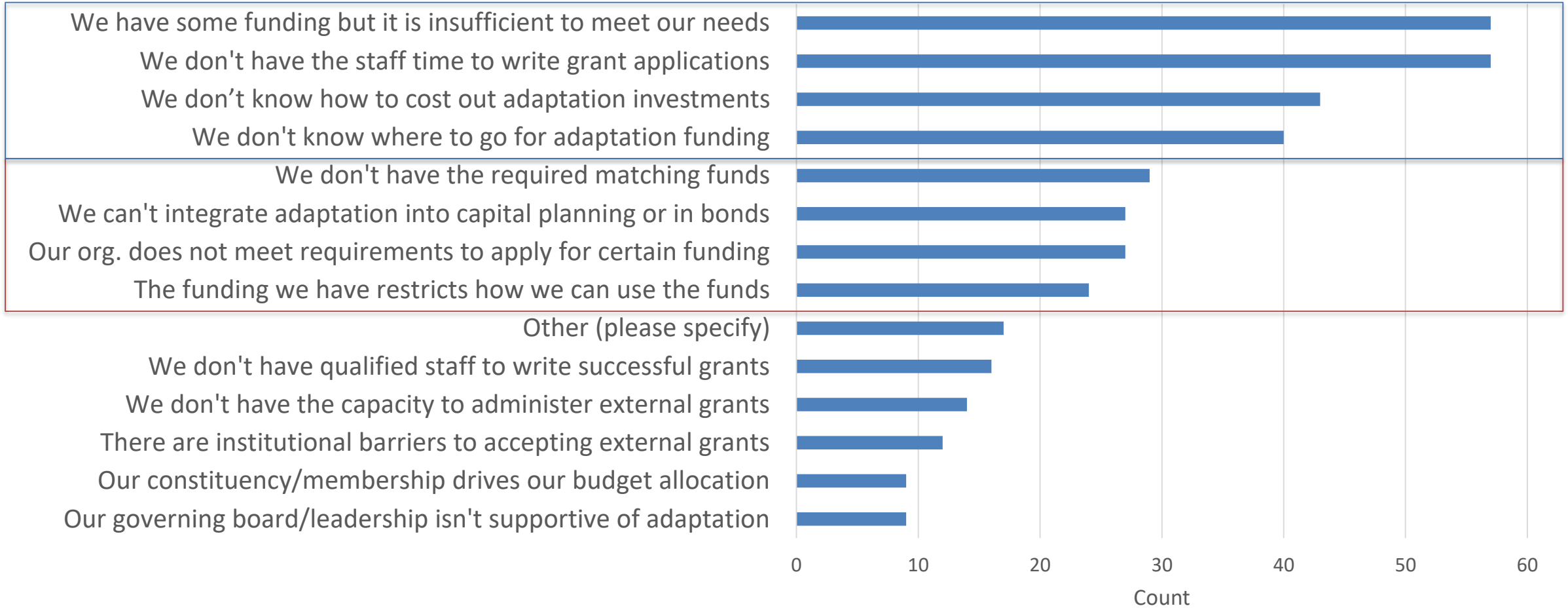


- Climate change risk or vulnerability assessment
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Sources of Funding



Funding Challenges



Summarizing Financing Challenges

- Variability in Climate Projections
- Limited Guidance on Integration of Adaptation
- Limited Flexibility in Existing Funding Sources
- Limited Resources for Interjurisdictional Action
- Limited Opportunities to Grow Funding
- Absence of an Adaptation Financial Market

Discussion Questions

- What role can the TAC play in identifying and understanding critical adaptation financing needs?
- How can the TAC help to identify the best opportunities to leverage existing and/or new financing and funding to yield the best adaptation benefits?
- What role can the TAC play in defining essential outcomes for resiliency investments so we can help state, local, private and other decision-makers move towards a more broadly shared approach to financing adaptation?

End



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