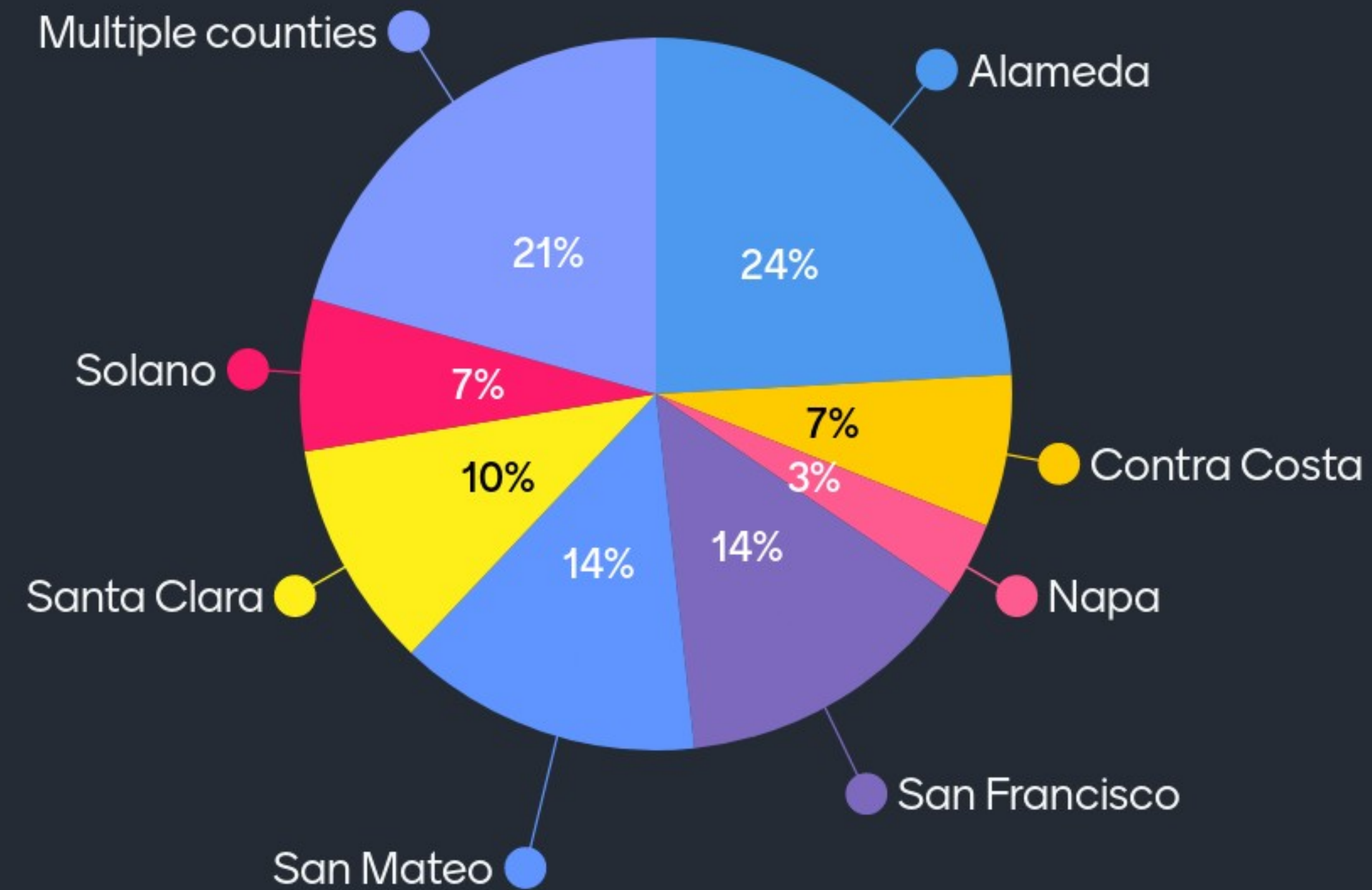


Adapting to Sea Level Rise, Extreme Precipitation, and Flooding

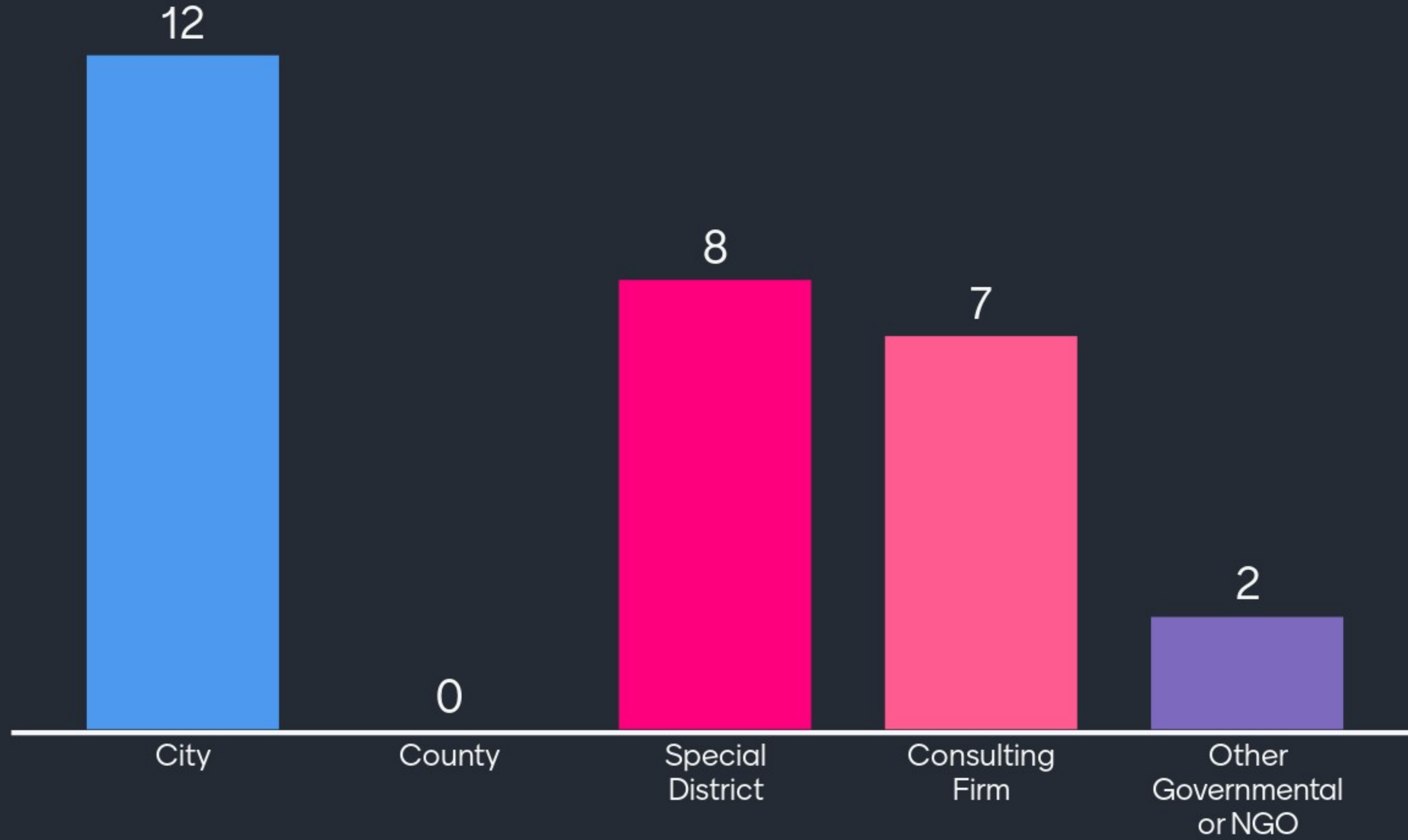
BACWA Roundtable Discussion - August 23, 2022



In what County is the agency you are representing today?



Who are you representing today?



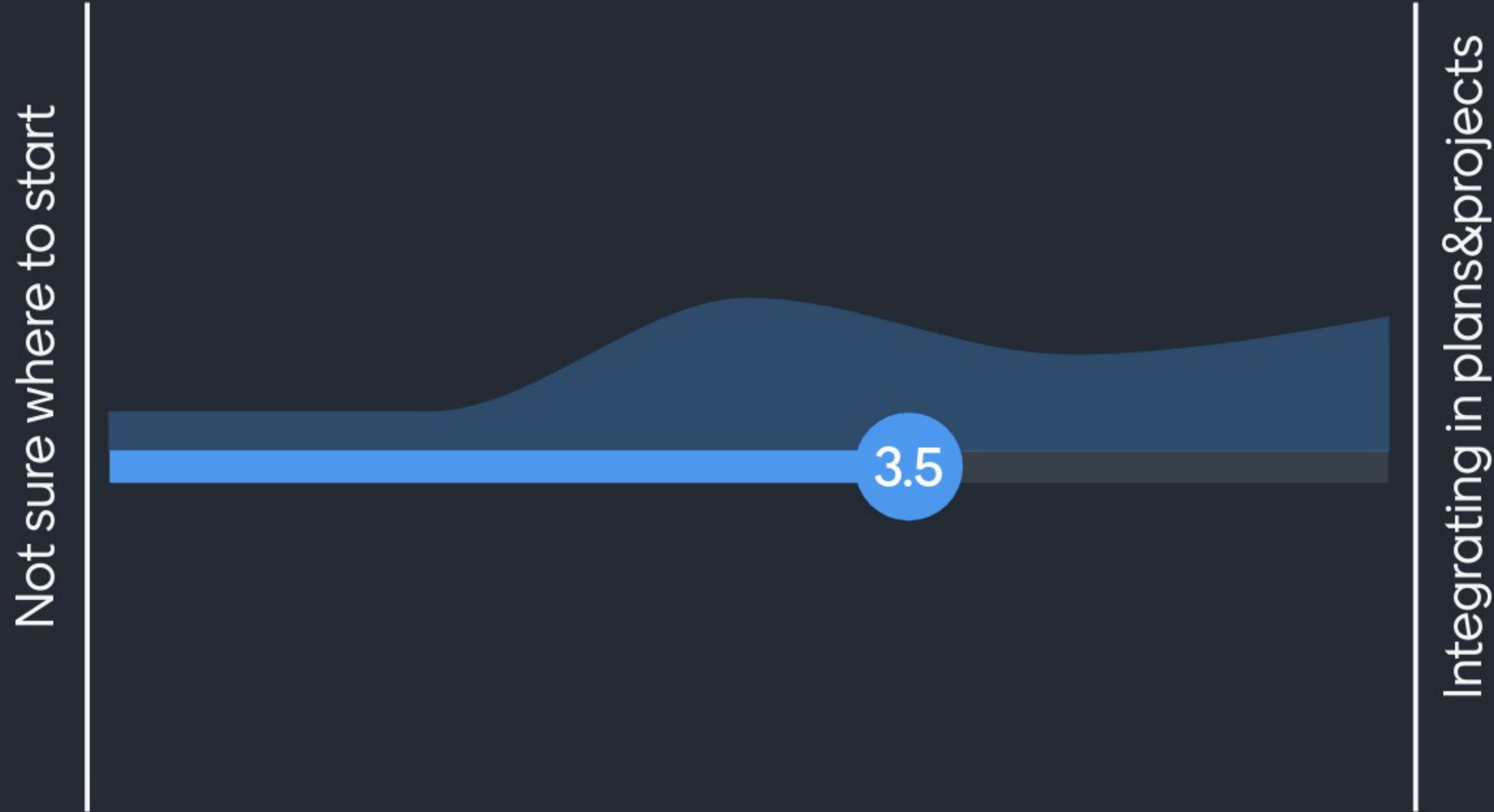
Has your agency acknowledged the threat of sea level rise ?



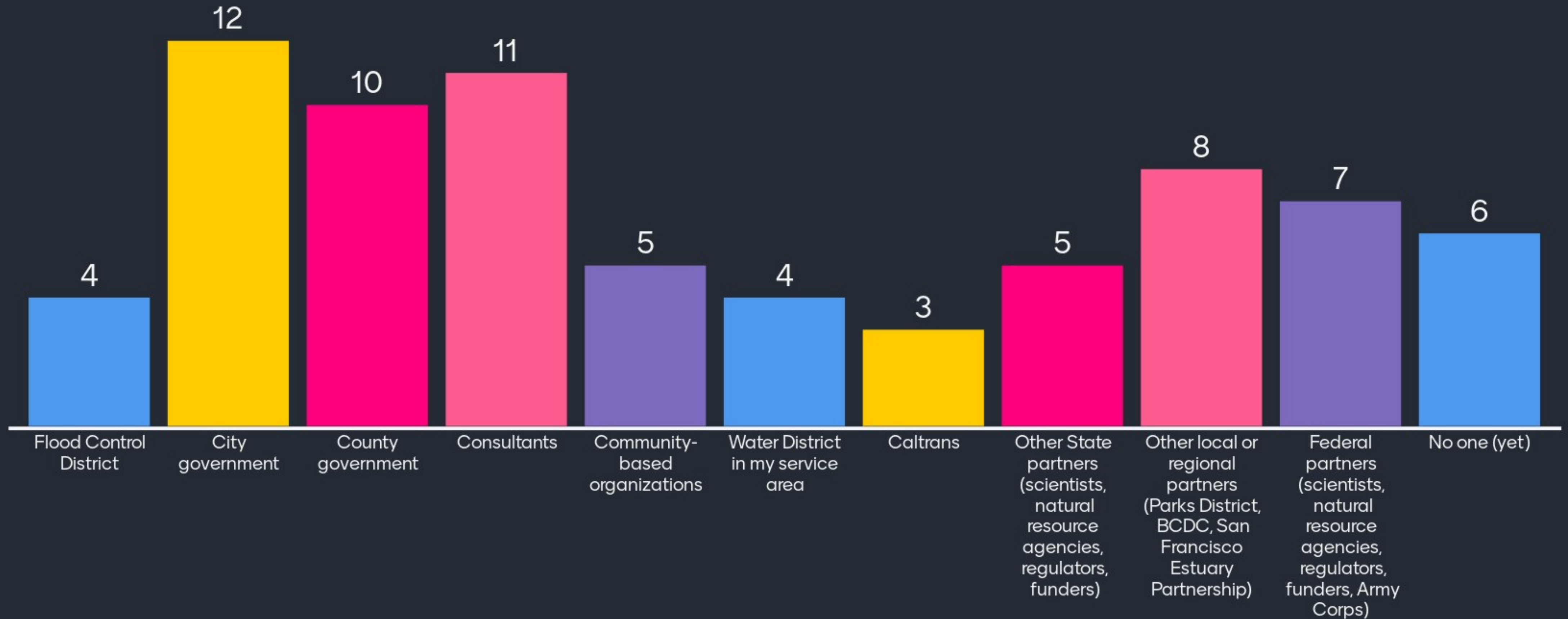
Is planning for sea level rise a priority in your work?



Where are you in the process of planning for sea level rise?



Who are you collaborating with to plan for Sea Level Rise?



Which of these climate change scenarios is your agency currently planning for?



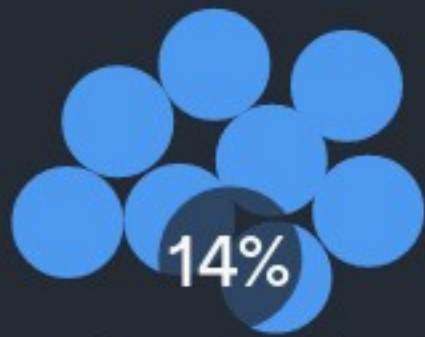
Permanent inundation from sea level rise



Episodic flooding worsened by sea level rise



Episodic flooding worsened by extreme precipitation events



Groundwater level rise

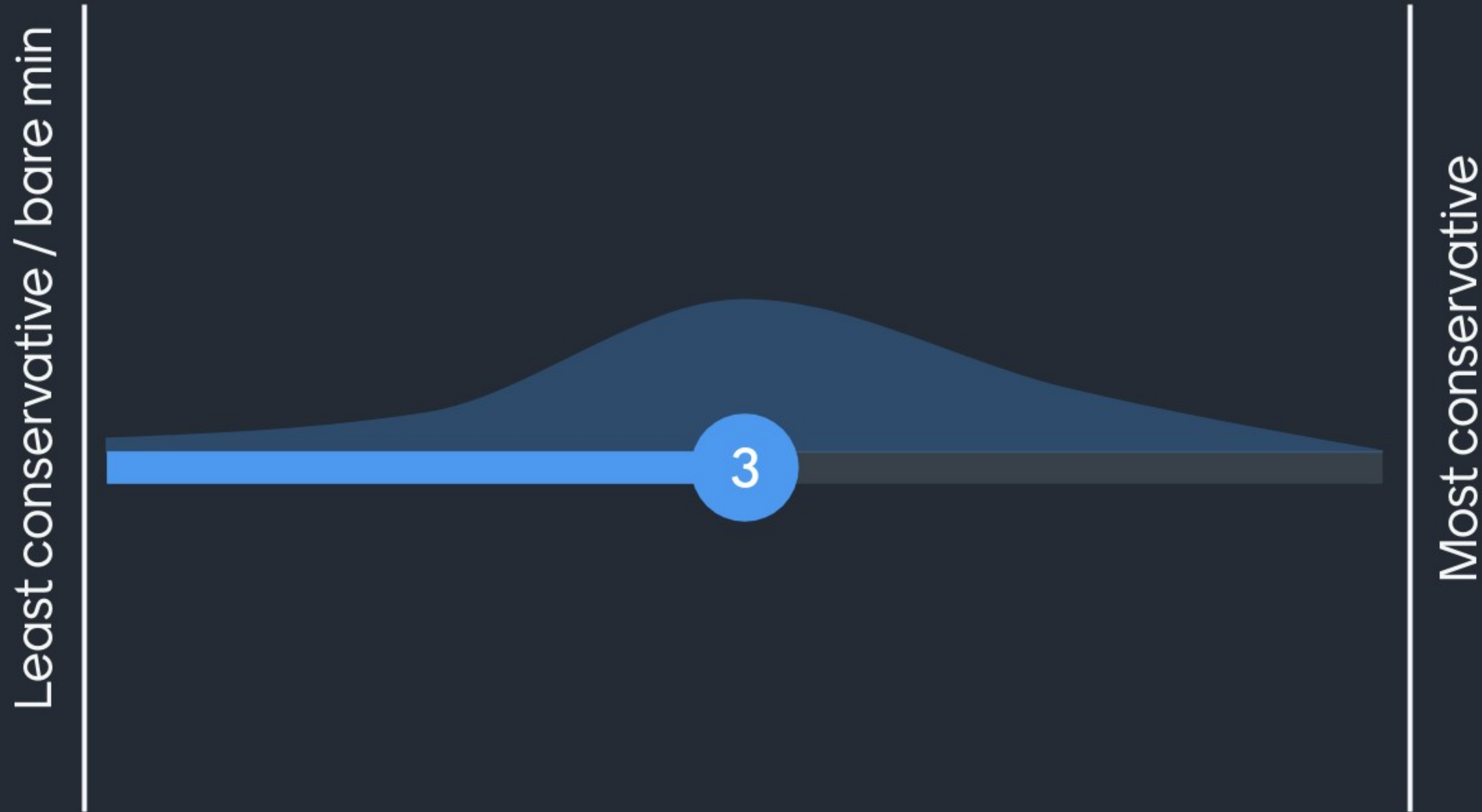


Coastal or shoreline erosion



None of the above

In general, how conservative is your agency's assumption about the magnitude of sea level rise?



Where are you finding useful guidance on which Sea Level Rise projections to use – even if they aren't your agency's official projections?



County government



A local flood protection agency



California Ocean Protection Council
(OPC)



Other state agency (besides OPC)



Scientists/Academia, like the National
Research Council



Federal government (USGS, Army
Corps)



Consulting firms



Nothing is useful...

Does your agency use a specific sea level projection for all projects, or does it vary project-by-project?

One projection

25%

Project-by-project

75%

What is your agency's process for incorporating new information about sea level rise?

Process?? We don't have anyone coordinating information. let alone developing a process. Ugh

Our sea level rise study was recently completed so we have not had the need to modify our plan with new information.

This is a work in progress. We use OPC SLR guidance (not Making California's Coast Resilient to Sea Level Rise: Principles for Aligned State Action which is different), and information from our SLR Vulnerability Assessment and internal coordination.

Review and adjust as needed

Project-by-project, based on the best information available during the design process

It has been a combination of individual projects and higher level city planning efforts like the general plan or local coastal land use plan.

Using best available science at the time of study

Check to see if the new information changes our estimates for sea level rise in our our changes.

TBD.

What is your agency's process for incorporating new information about sea level rise?

n/a

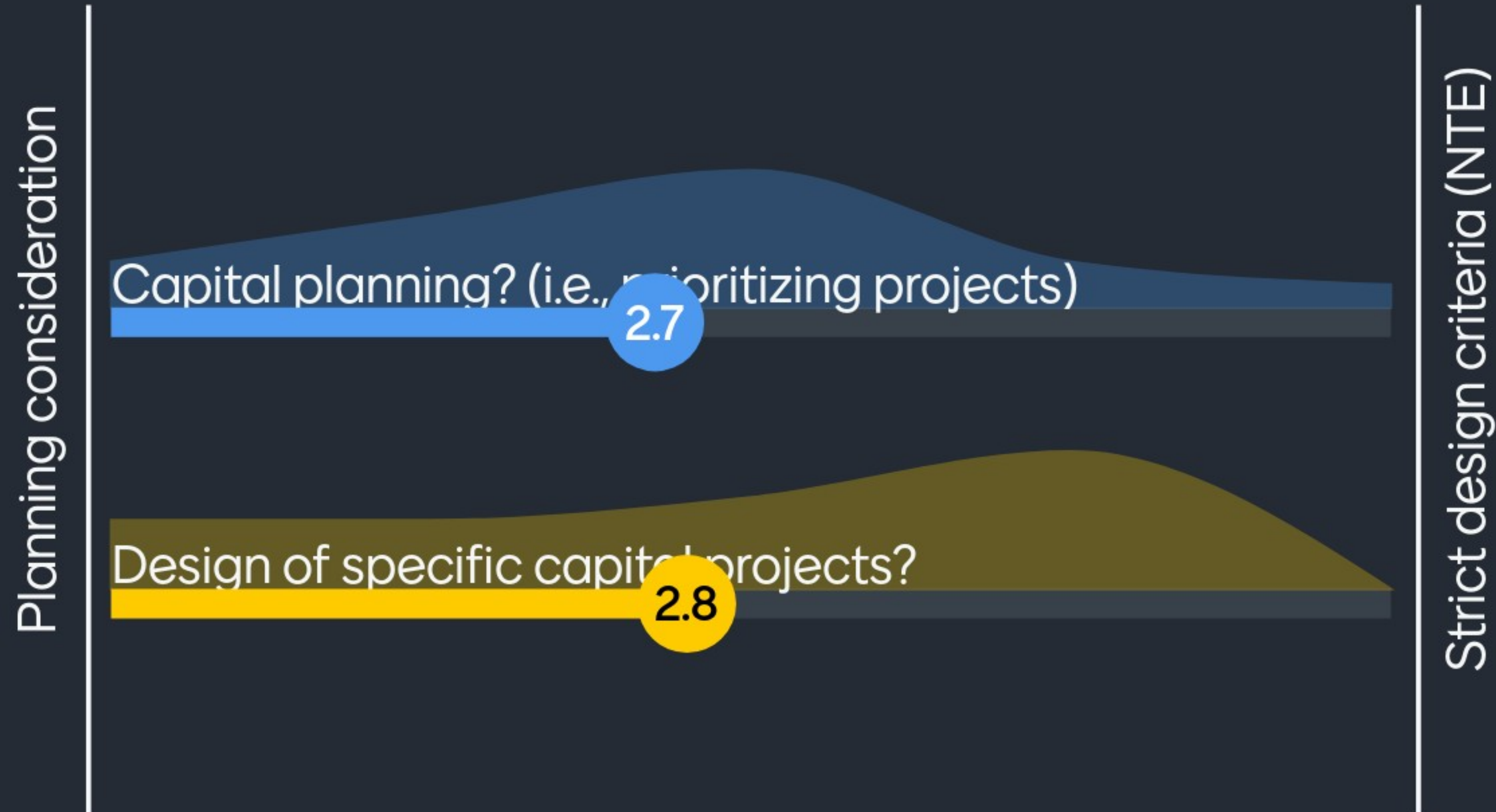
No current process.

We don't currently have a process.

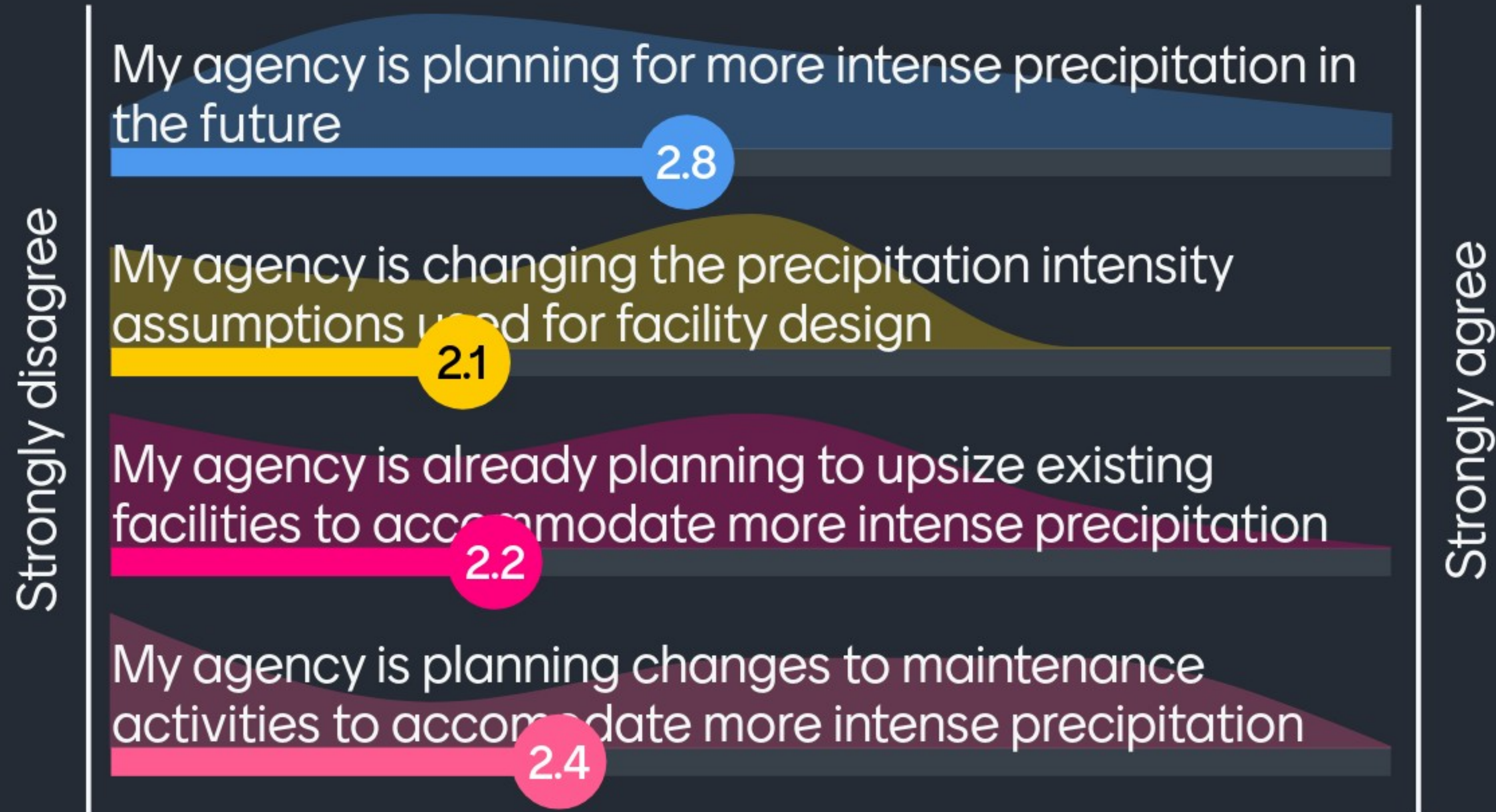
I believe that we are awaiting input from one shoreline

BPJ

How does your agency use Sea Level Rise during ...



How is your agency planning for more intense precipitation?



What are you struggling with?



Have you applied for and/or received grant funding for climate adaptation activities? If not, why not? If yes, which grant program(s)?

No. I know of no initiative to even look at how SLR or extreme weather will impact our facilities/campus or how to plan for it. In the recent update of the LRP, I asked how they were planning for climate change and never got an answer.

No.

Still identifying our next steps to plan for sea level rise - then plan to apply for grants

EPA WQIF

Yes for a horizontal levee pilot project. But we are leery about grants because of the administrative burden and available staff to manage grants.

Yes, HMGP and BRIC mainly.

Our study did not propose any short-term projects that would need funding.

Yes, CalOES HMGP grant for flood wall design.

No. No projects identified yet.

Have you applied for and/or received grant funding for climate adaptation activities? If not, why not? If yes, which grant program(s)?

The SF Port (with PUC and MTA as partners) has applied for FEMA hazard mitigation funding, OBAG transportation funding (did not get awarded), and RAISE. Challenging to find sources with large planning budgets required for complex multi-dept. efforts.

not sure

No.

No. Sea level rise isn't seen as a pressing priority and we are short staffed.

What should BACWA be doing to assist member agencies plan for sea level rise?

