



***Public Health &
Climate Adaptation
Planning***

SYNERGIES AND
OPPORTUNITIES

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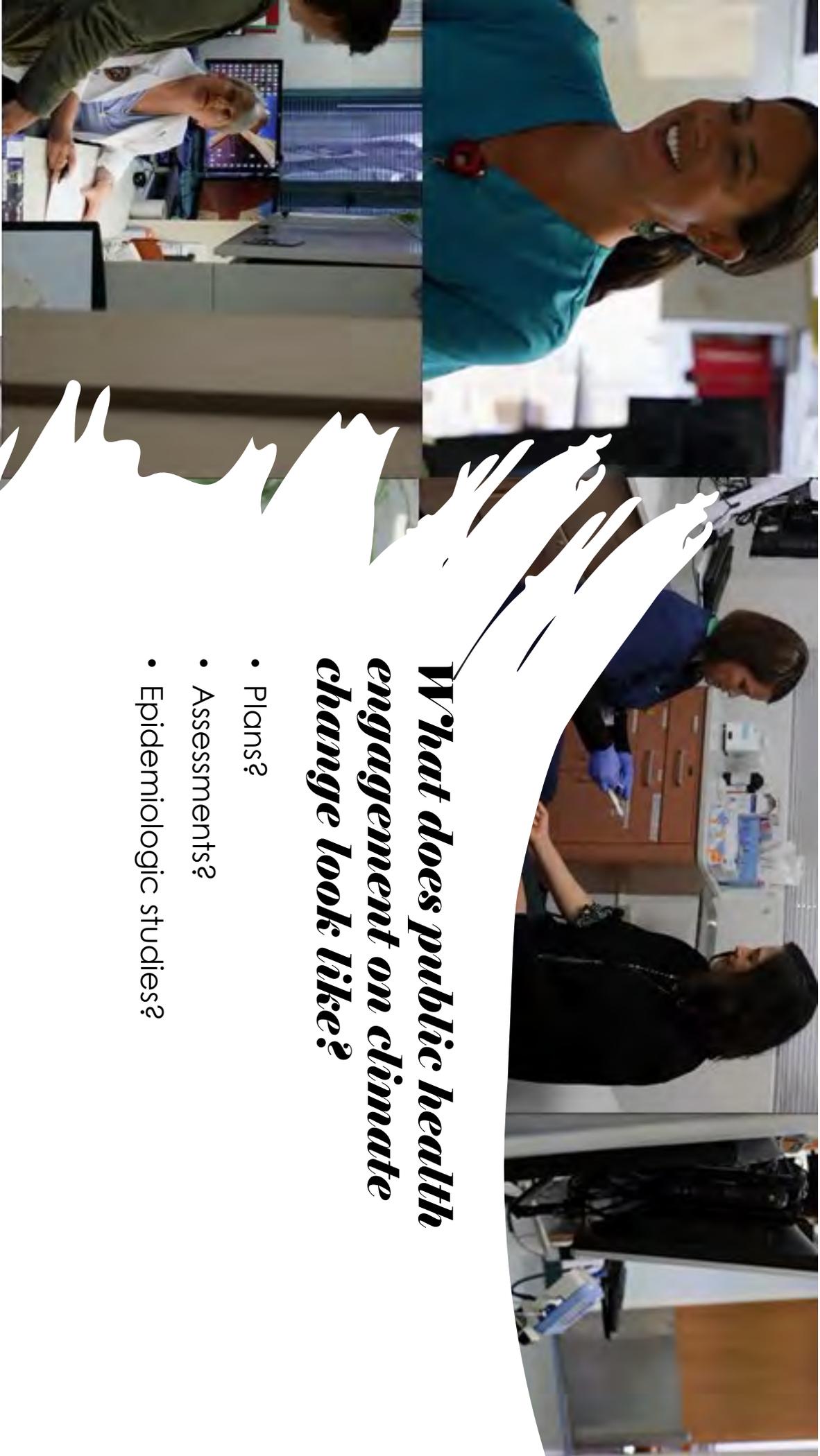
Objectives



Illustrate how the public health system engages with climate change adaptation.

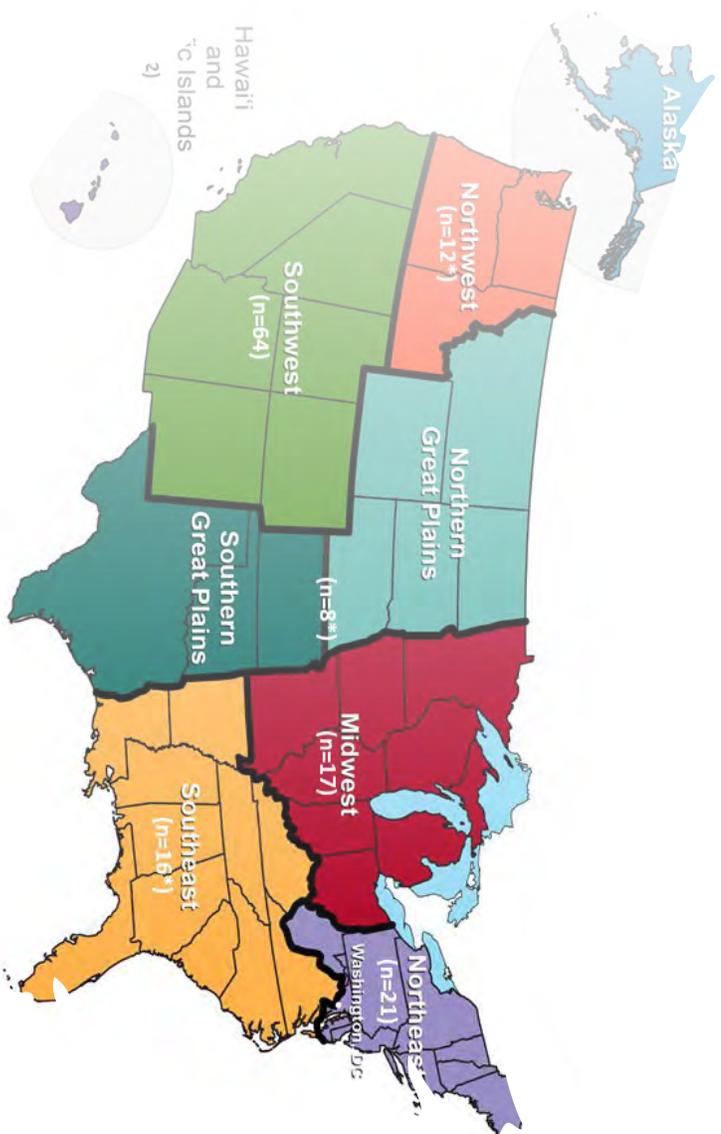


Provide insights to bring together public health and climate science.



What does public health engagement on climate change look like?

- Plans?
- Assessments?
- Epidemiologic studies?



National Survey

100%

Of unfunded individuals are climate change 'flag bearers'

"I'm probably one of very few if not the only one who thinks about climate and health, who has enough knowledge to have a conversation."

92%

No formal training on climate and health

- Scientific-literature
- Reports & assessments
- Partners & networks

61%

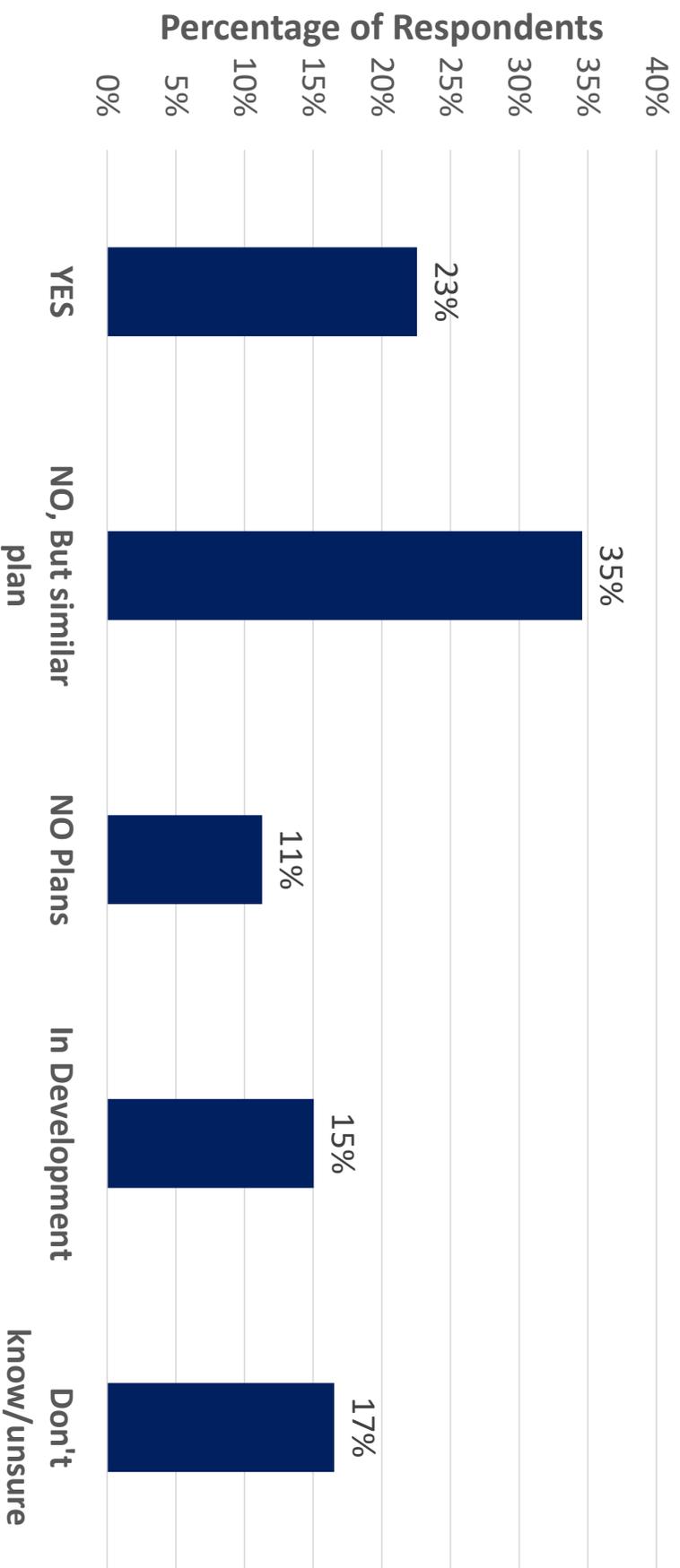
Indicated climate change is not perceived as a priority

- Institutional & culture shift is needed
- Lack of regulations

"I also think too, internally, I think there are sectors or organizations or even just different staff that don't necessarily see that connection between what they do and climate change."

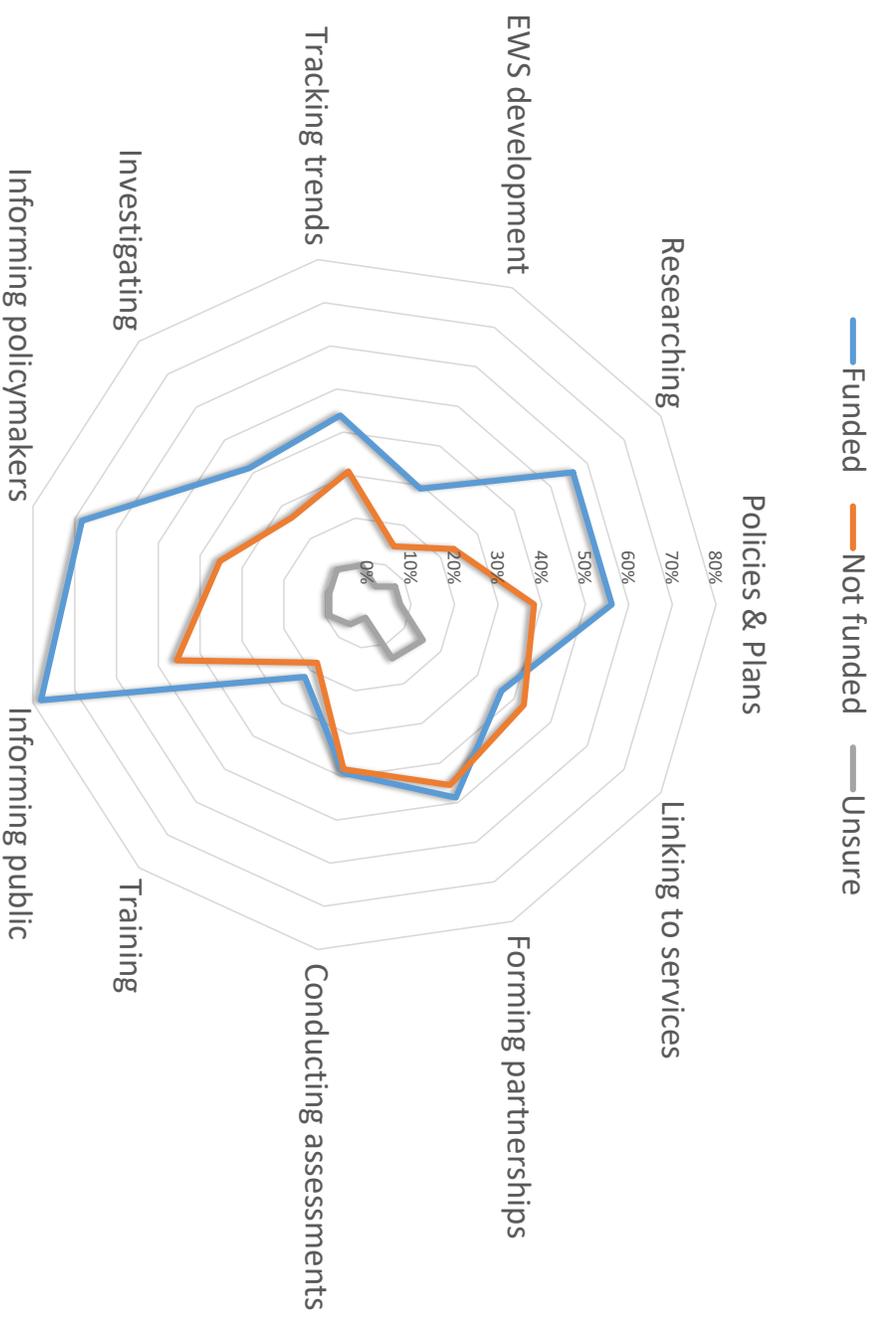
What is public health engagement actually like?





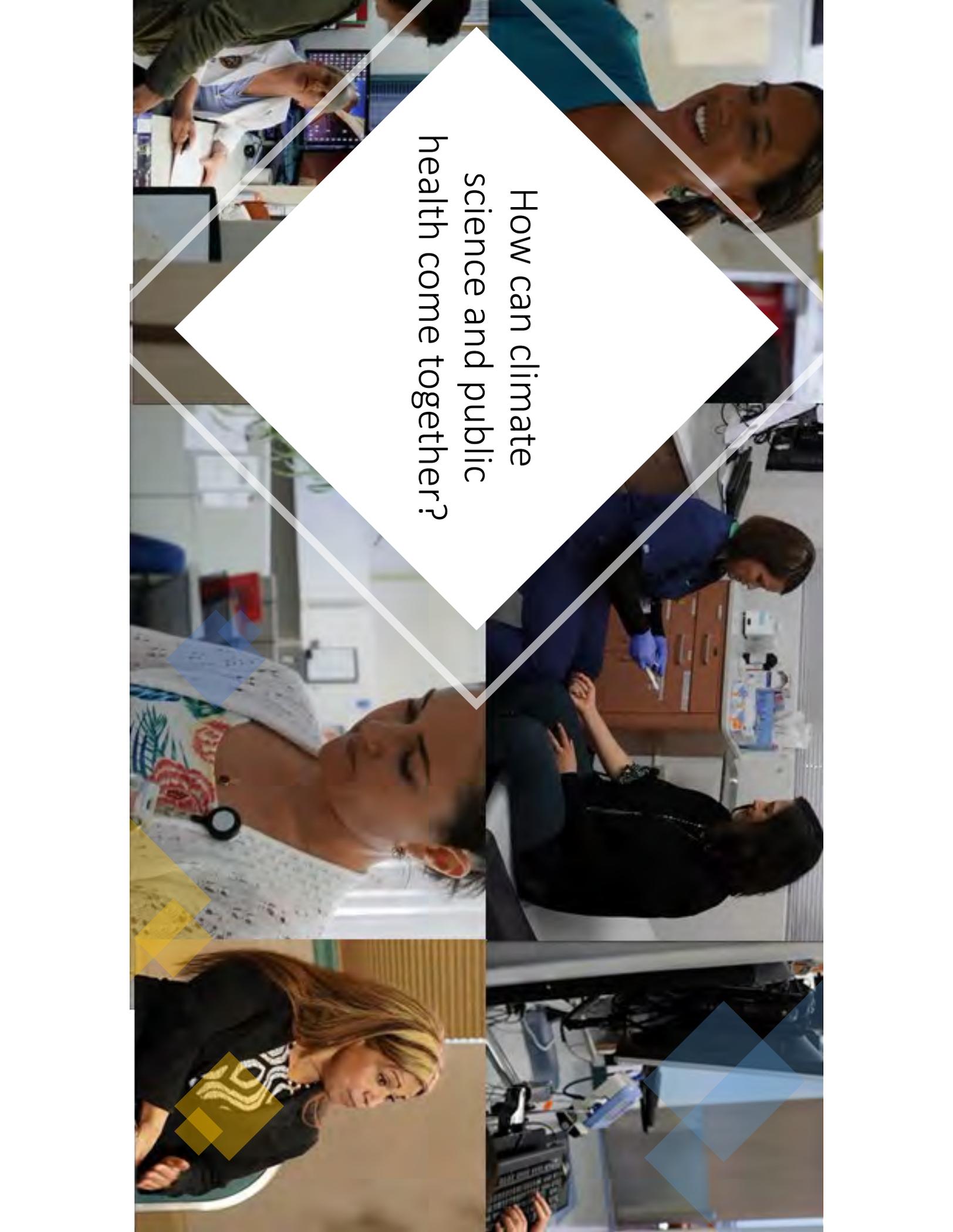
Climate & Health Strategic Planning

Climate Change Activities

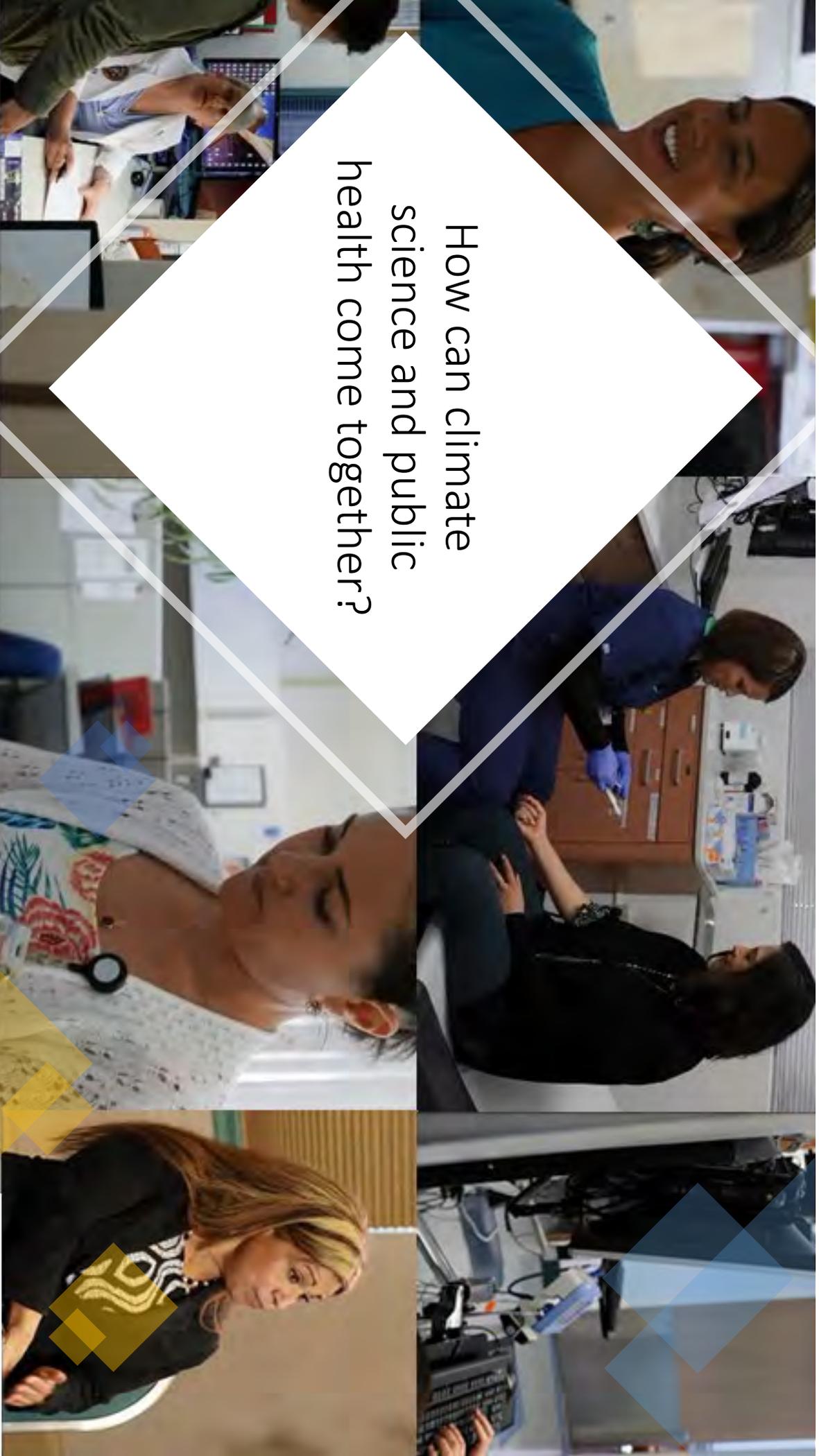


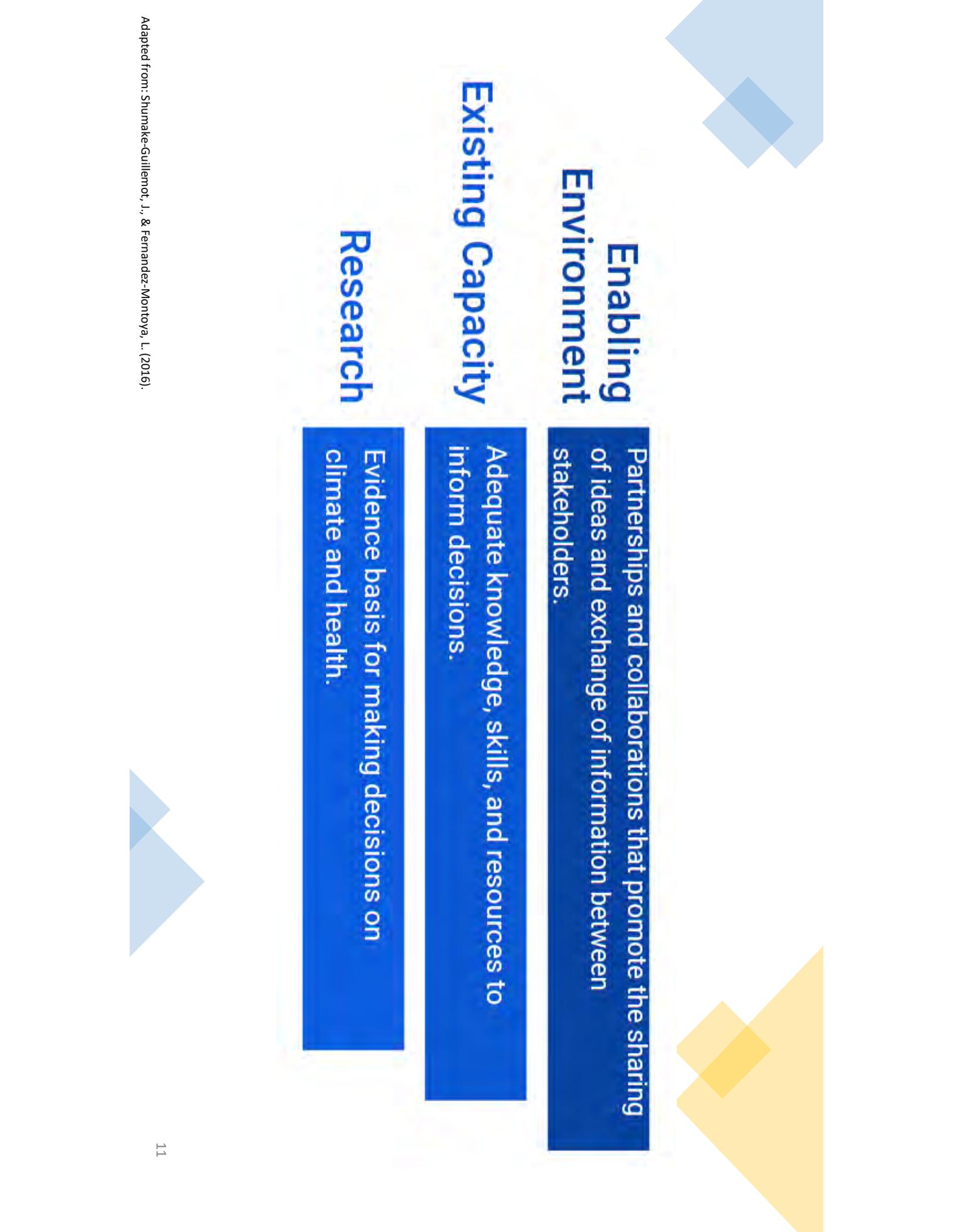
Barriers





How can climate
science and public
health come together?





Enabling Environment

Partnerships and collaborations that promote the sharing of ideas and exchange of information between stakeholders.

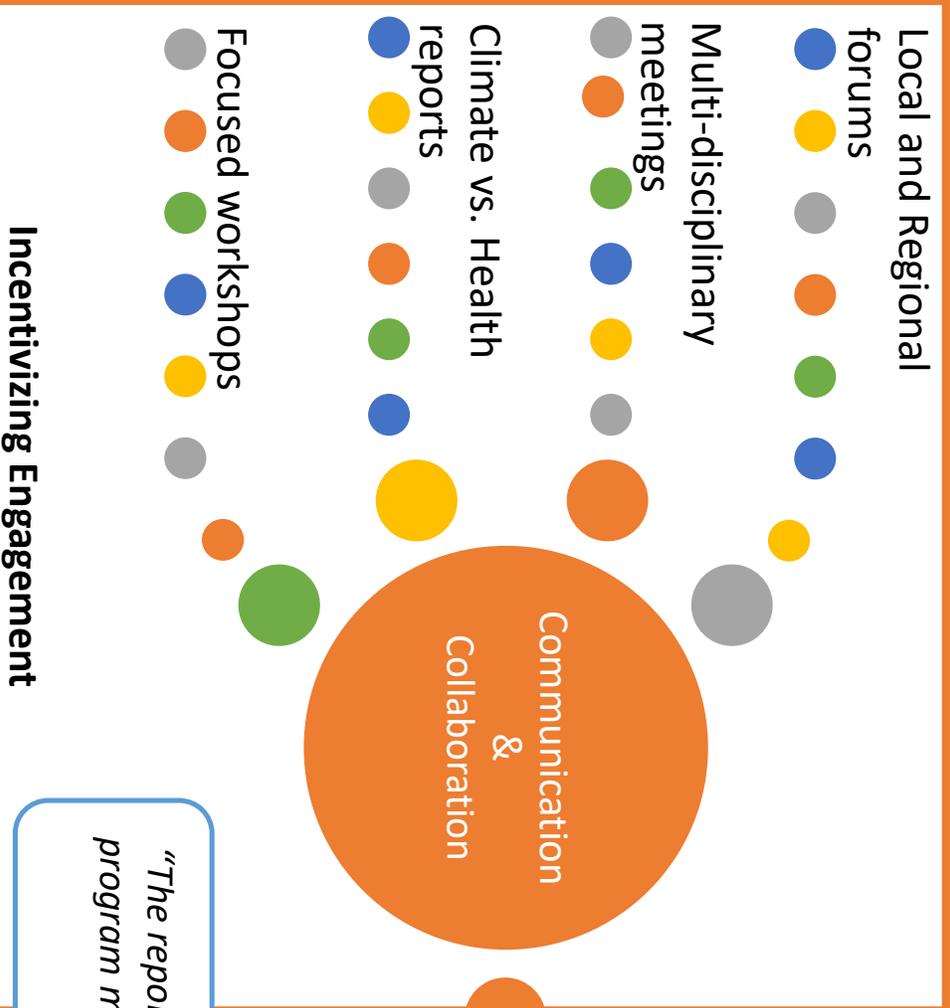
Existing Capacity

Adequate knowledge, skills, and resources to inform decisions.

Research

Evidence basis for making decisions on climate and health.

Solution 1: Enabling Environment



- Build partnerships
- Aligning interests
- Data & knowledge sharing
- Inform research
- Prioritizing actions
- Inform decisions

“The reports seemed to be created by epis (epidemiologists) for epis. As a program manager, I didn’t have a strong epi or biostatistics background so synthesizing the information was more challenging.”

Incentivizing Engagement

Solution 2: Building Public Health Capacity

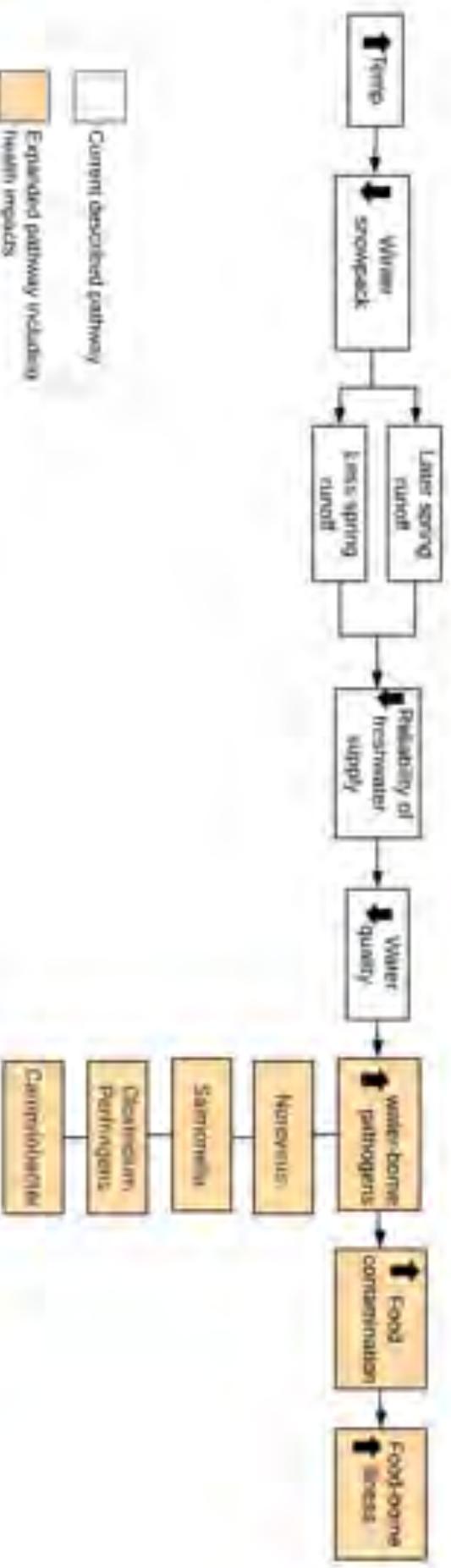
	Current Workforce	Future Workforce	Context
1 Communication	KS	KS	<ul style="list-style-type: none"> • Advocacy • Distill & translate information • Inform policies
2 Data & analysis	S	S	<ul style="list-style-type: none"> • Understanding data collection • Accessing & using weather data • GIS
3 Climate science	K	K	<ul style="list-style-type: none"> • Fundamental of climate change • Understanding of projections • Impact pathways
4 Health impacts Health equity	K	K	<ul style="list-style-type: none"> • Disease ecology & epidemiology • Impacts on vulnerable populations • Social determinants of health
5 Systems thinking Program planning Applied learning		KS	<ul style="list-style-type: none"> • Understand broader implications • Integrating into existing programs • Reframing

Public Health Framing

- **Common ground:** value added benefits to community and wellbeing
 - Community level benefits that begin with a focus on the most vulnerable and expand
 - Social Determinants of Health, Health Equity
- **Be actionable:** provide solutions that are time and place oriented.
 - Integrate specific language
 - Promote tailored, salient, culturally relevant actions



Example exposure pathway using snowpack changes identified in the California Hub's "[Climate Change Consortium for Specialty Crops: Impacts and Strategies for Resilience.](#)"



Action Items

- Is public health at the table?
- Has the process, output, or report been vetted by public health?
- Are health impacts explicitly addressed?
- Is the health connection apparent?
- Can you add climate and health messaging?
- Are there existing frames that your work or ask can align to?

