

Collaboratories at the Agency- Academic-Public Interface

COEQWAL and Just Transitions in Delta Salinity Management

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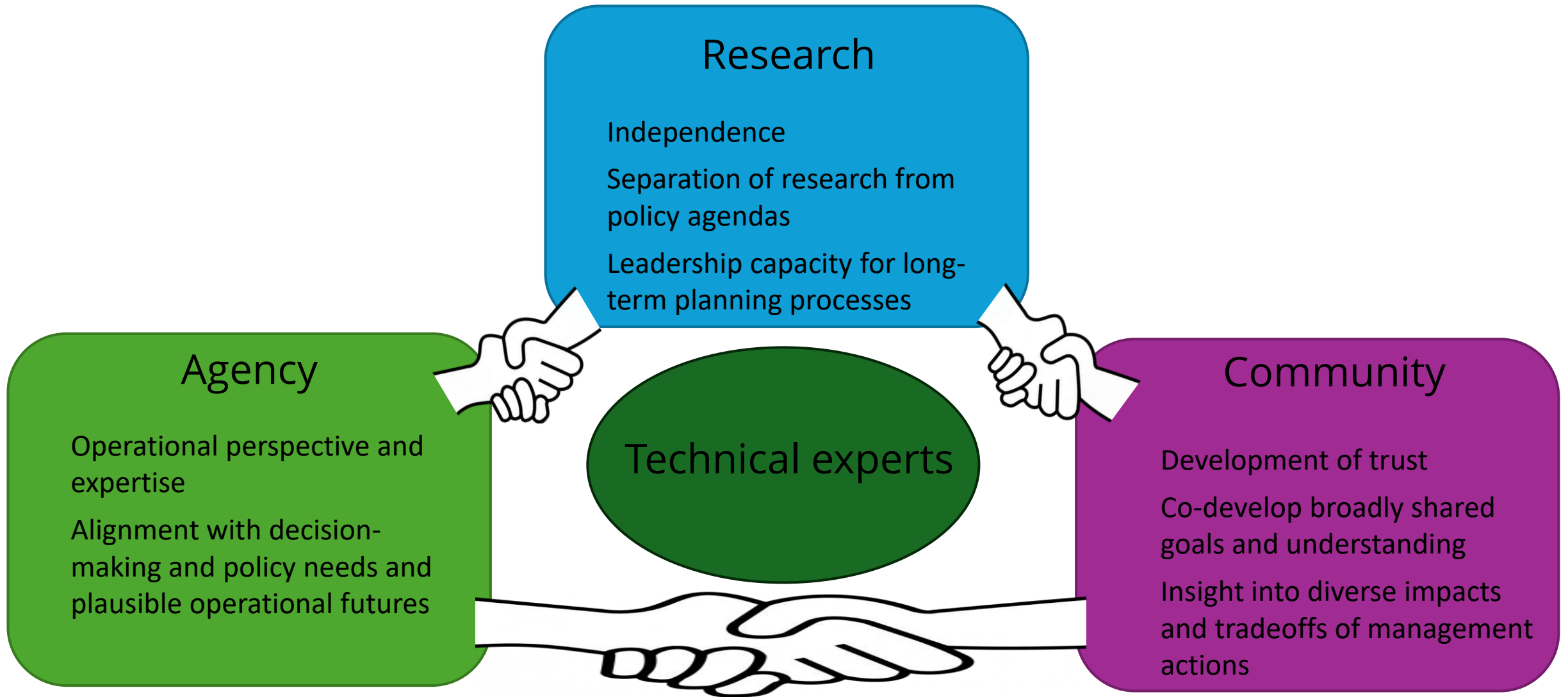
University of California, Berkeley

What is California's Water Future?

The need: Rapidly changing stressors on the Sacramento-San Joaquin water system necessitate independently overseen, inclusive planning processes that leverage the expertise of agency science, weave in alternative ways of knowing, and consider futures divorced from political agendas.

DATA
TOOLS
KNOWLEDGE
ACTION
VOICE

Agency-research-community partnerships for trustable, operation-ready, independent science products



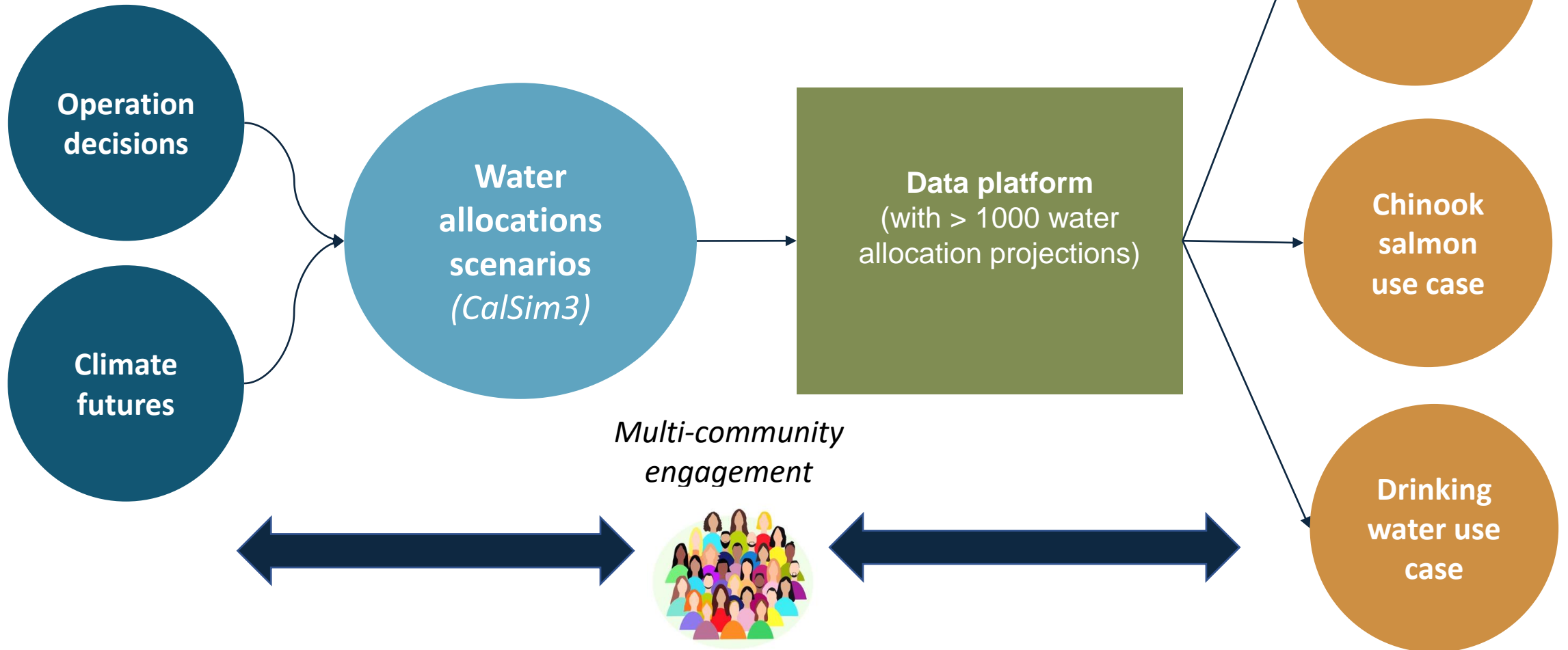


Our overarching goal is to establish an inclusive participatory process that diversifies and enhances engagement in water planning and stewardship.

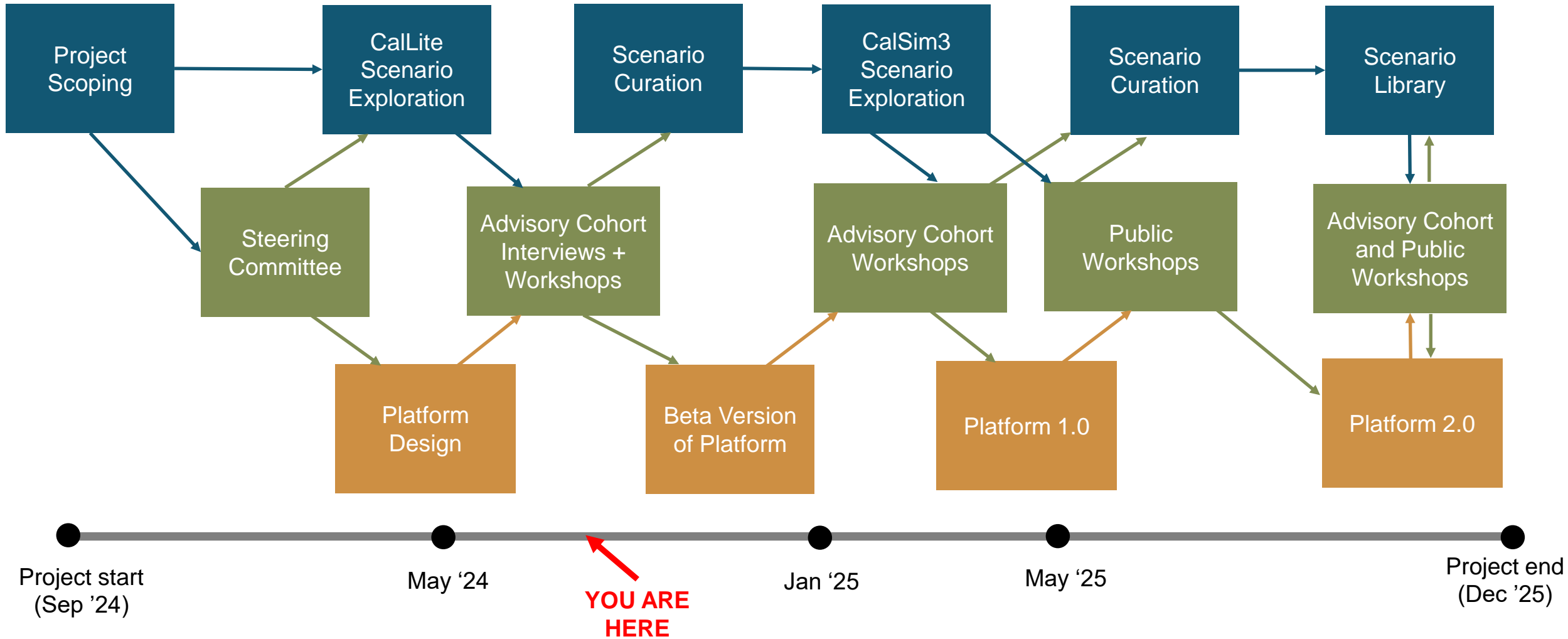
Specific objectives are to:

- (1) Facilitate collaborative learning about California's water system, water allocation decision-making, and community perceptions and values around water
- (2) Develop an accessible data platform that illuminates consequences, risks, and trade-offs within and among alternative water futures
- (3) Demonstrate relevance of the platform to decision-making through "use case" applications

Approach

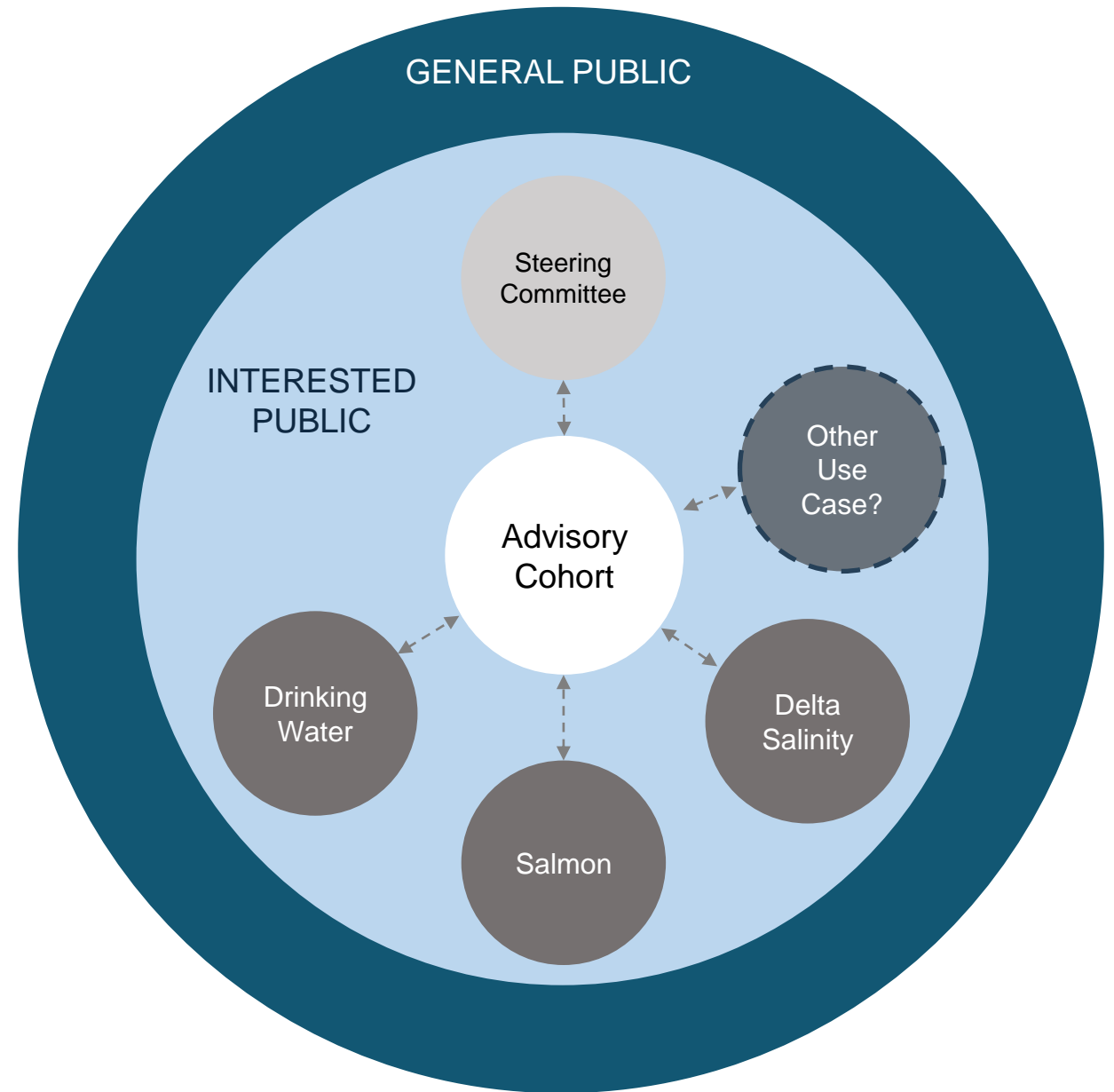


The Collaboratory is Now



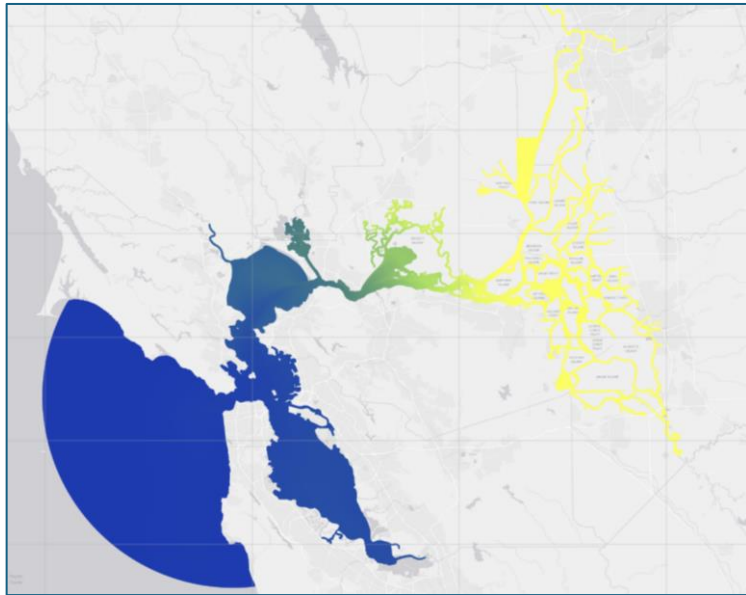
Governance structure

- **Steering committee** comprised of agency, tribal, water district, and NGO representatives (12 - 15 people)
- **Advisory cohort** of diverse water interests, prioritizing tribal and environmental justice communities (40 – 50 ppl)
- **Use case groups** include additional 10-20 representatives
- **Interested public** engaged through workshops and outreach materials

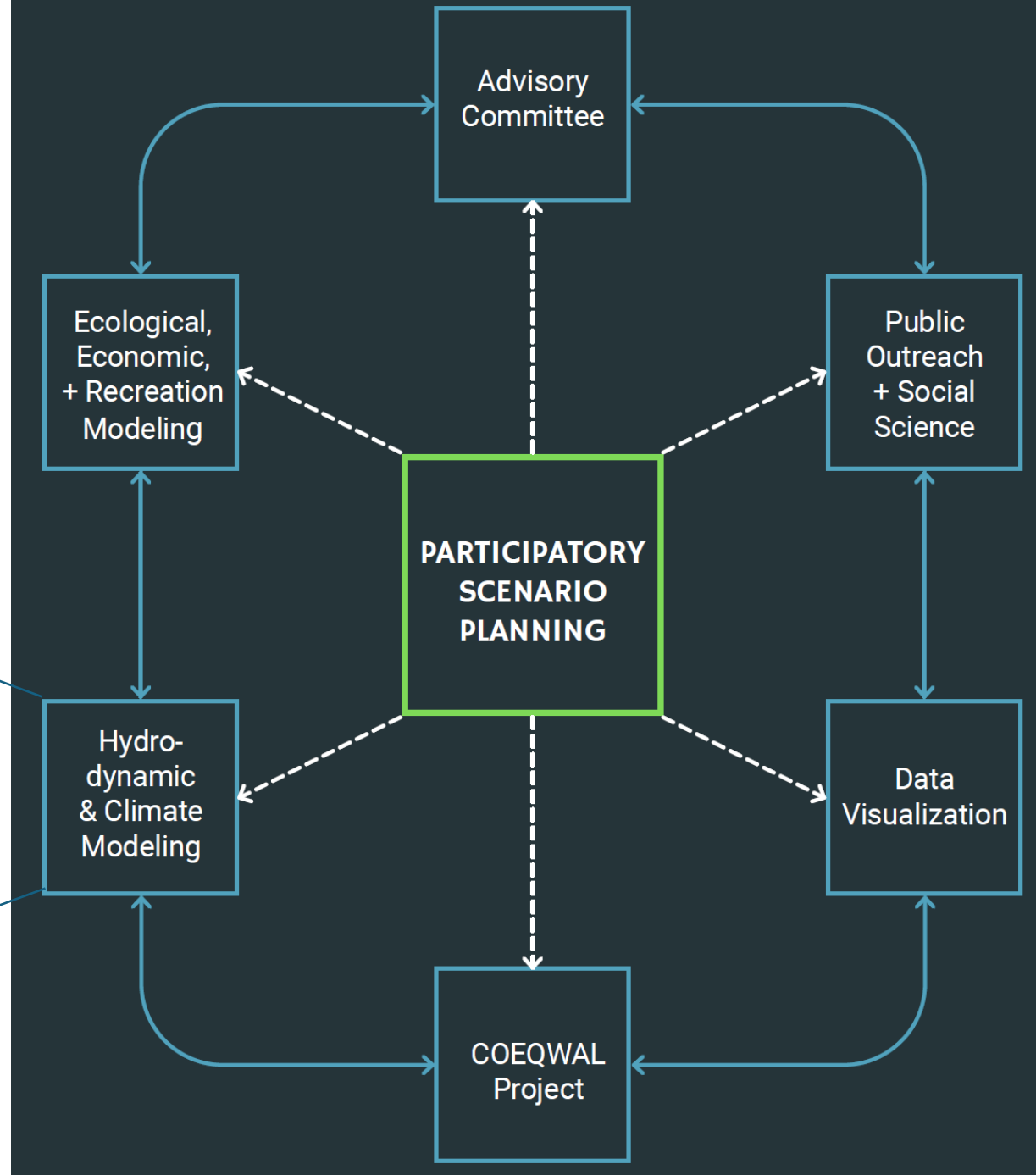


Just Transitions in the Delta: Drought, sea-level rise, and salinity management

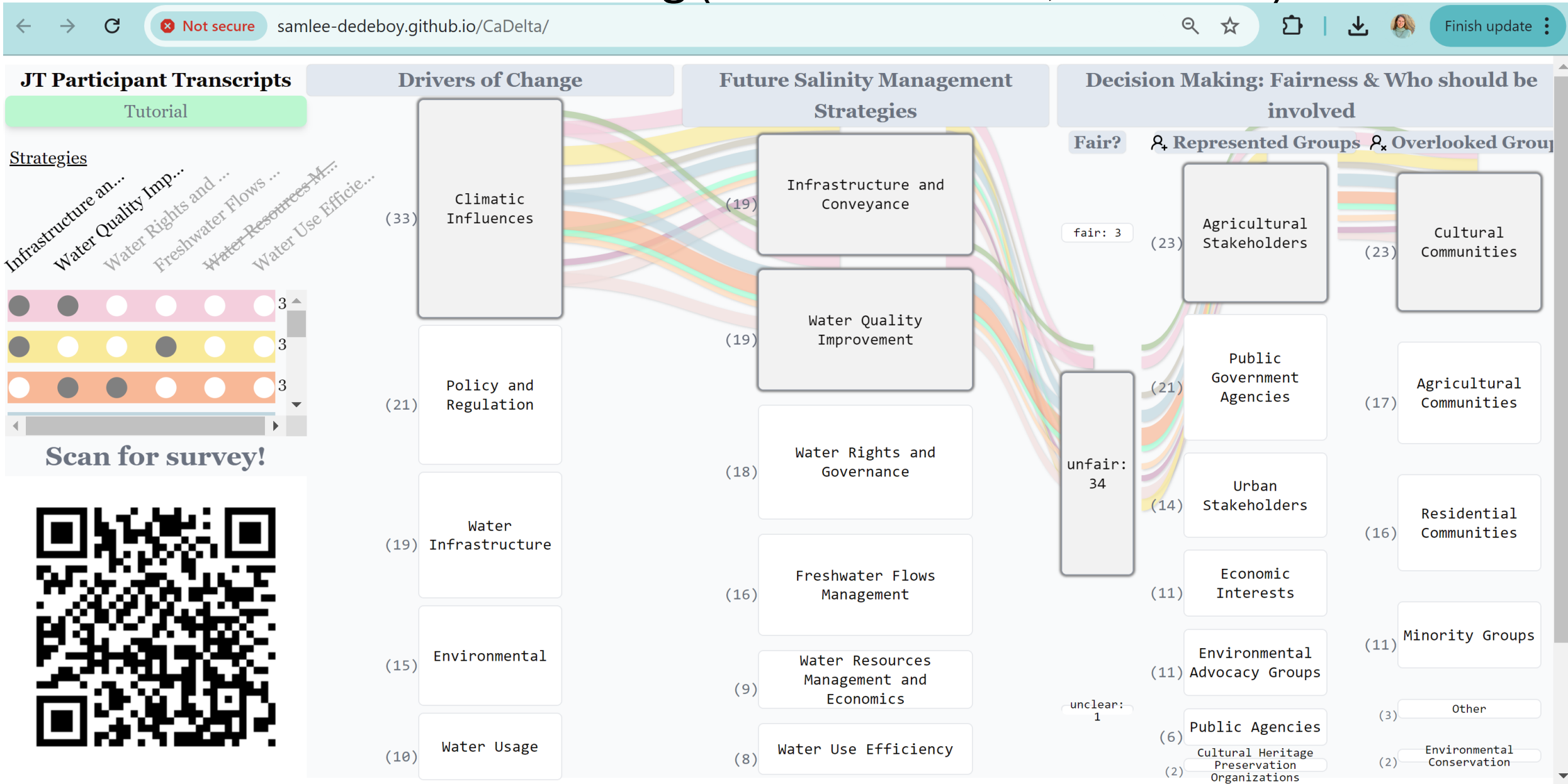
*Building trust and support through
public engagement, shared
learning, and visioning*



SCHISM model
showing salinity
(credit: Jenna
Israel, UC Berkeley)

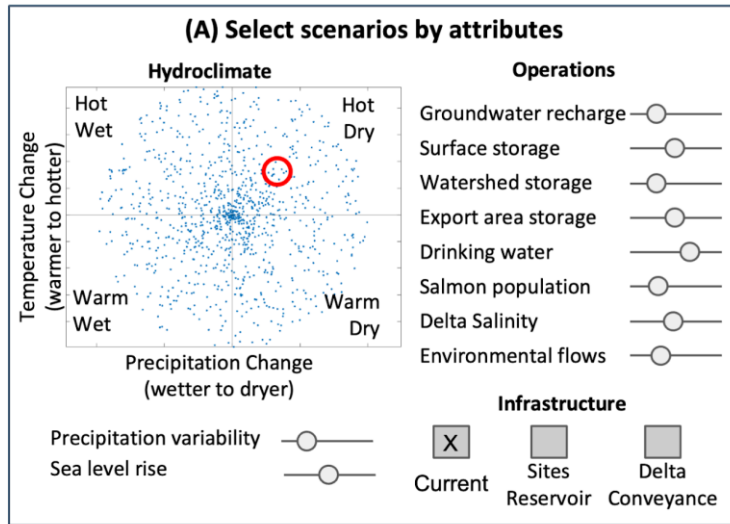


Dashboard for visualizing perceptions of salinity drivers, strategies, and decision making (credit: Sam Lee, UC Davis)

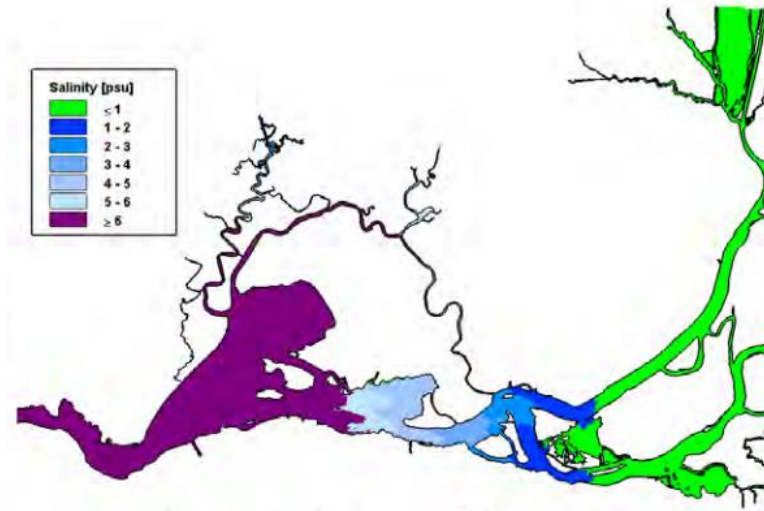


COEQWAL Outcomes/Collaboratory Contributions

Data platform



Visualization tools



Human networks



- ***Democratizing data:*** Promoting data and model access, making data and models understandable and searchable
- ***Wide range of scenarios:*** Beyond those agencies may be willing to publicly consider.
- ***New agency-academic-public connections:*** New partnerships with mutual, bidirectional benefits