

MWRA MetroWest Connection



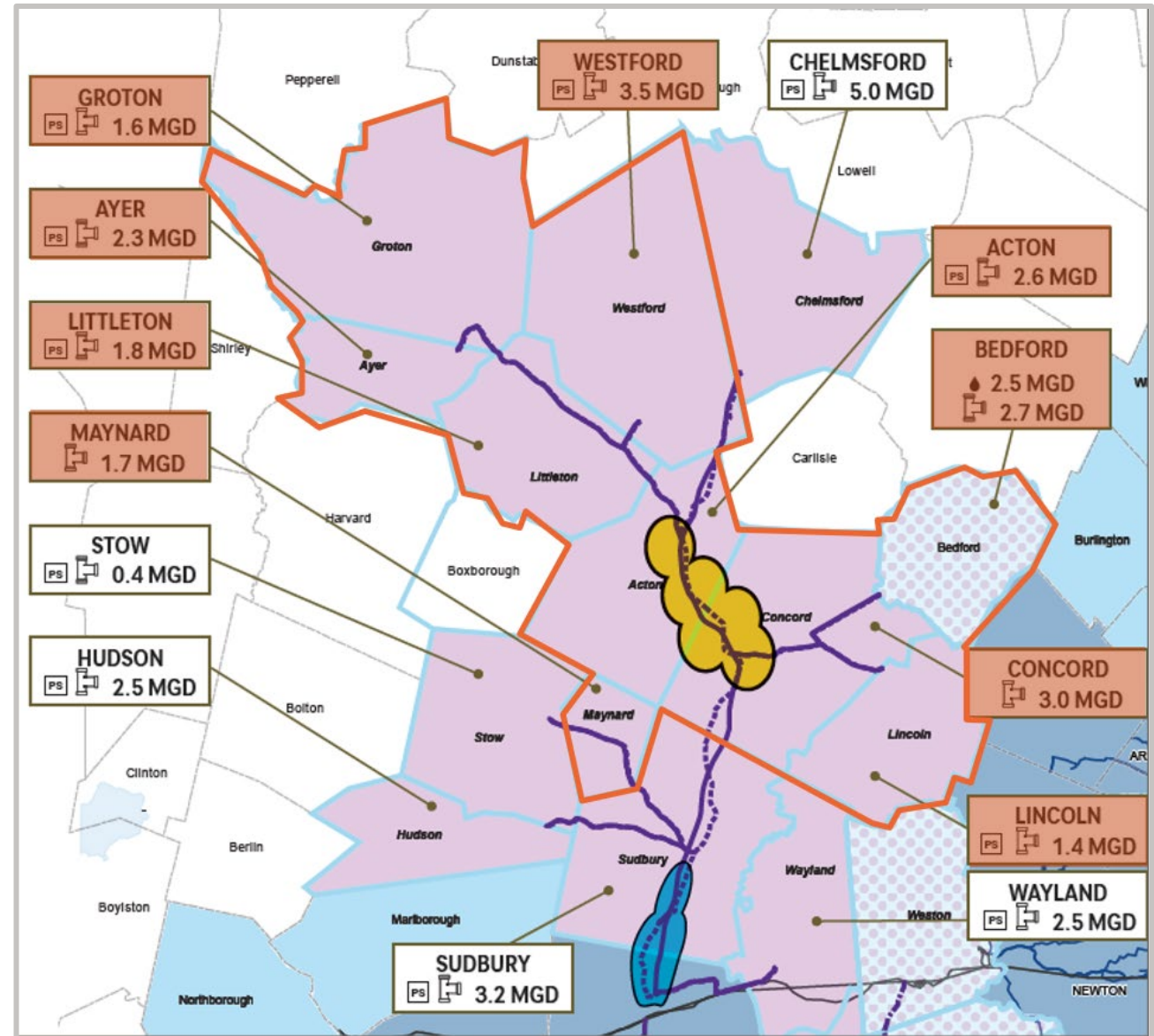
Overall Need and Purpose

- Address long-term water supply and resilience.
- Single viable solution to common challenges faced by many, small communities - but costly.
- Framework for financial collaboration and foundation for future negotiations.



Study Goals and Outcomes

- Develop a fair and defensible initial cost-sharing framework(s)
- Quantify preliminary financial impacts by community
- Educate and build consensus to inform future decisions
- Prepare communities for next steps



MWRA Water System Expansion Evaluation to MetroWest Communities, July 2023

Communities currently participating



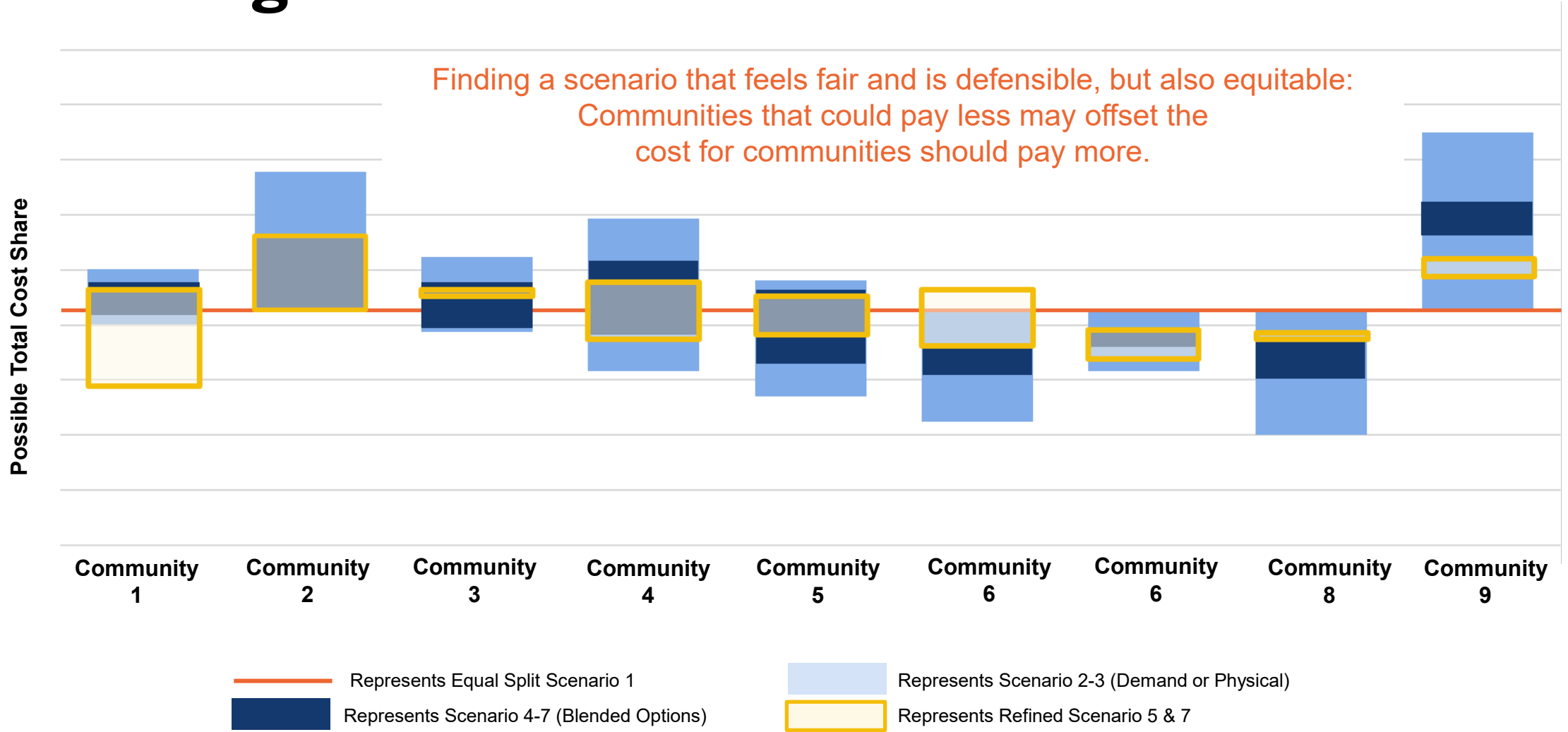
Capital Cost Allocation: How to split ~\$1B?

- 27 possible cost share scenarios
- Encourage communities to participate early & stay committed
- Allow for participation from more communities in the future

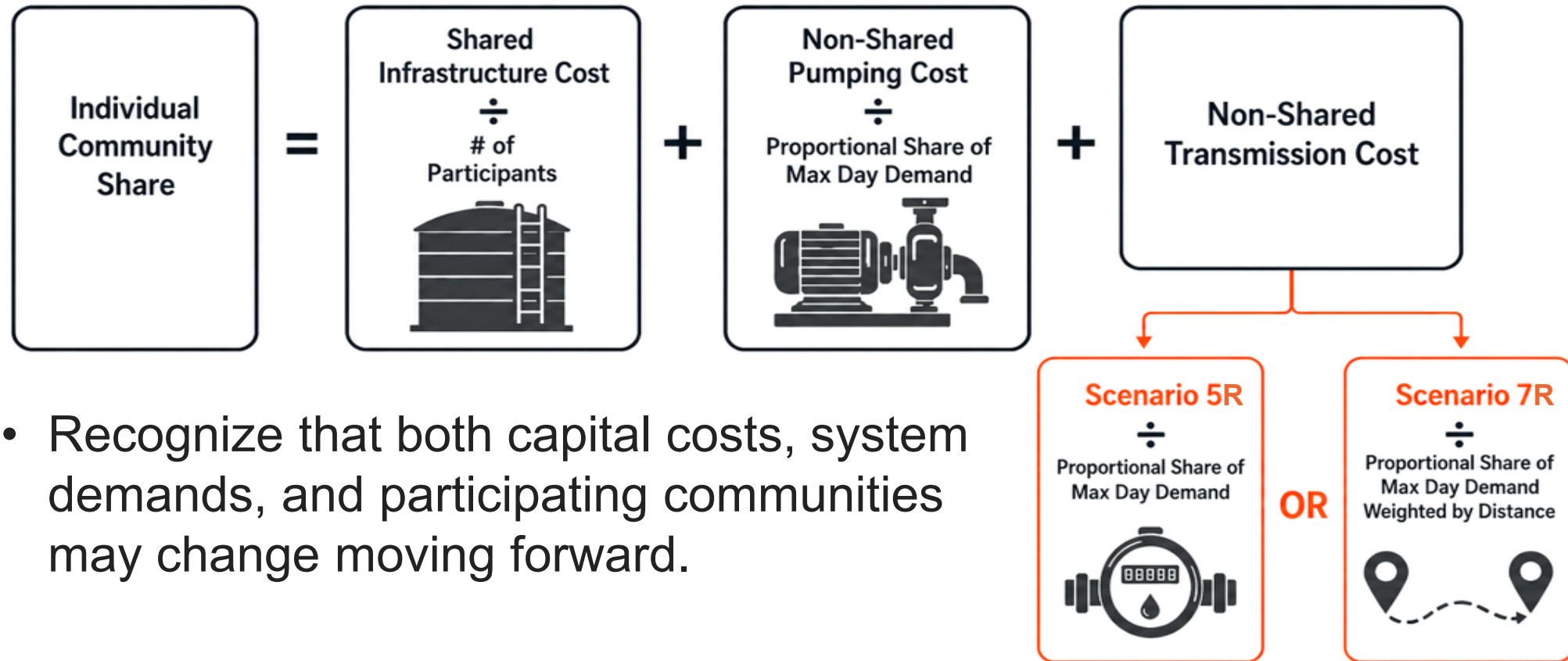
		Allocation Complexity		
		Equal	Proportional	Physical Conditions
Infrastructure Component	Storage	Even Split (each)	Max Day Demand (MGD)	Max Day Demand (MGD)
	Pumping	Even Split (each)	Max Day Demand (MGD)	Flow Rate (MGD) Dynamic Head (Feet)
	Transmission	Even Split (each)	Max Day Demand (MGD)	Length/Distance (In/Mi)



Screening of Scenarios



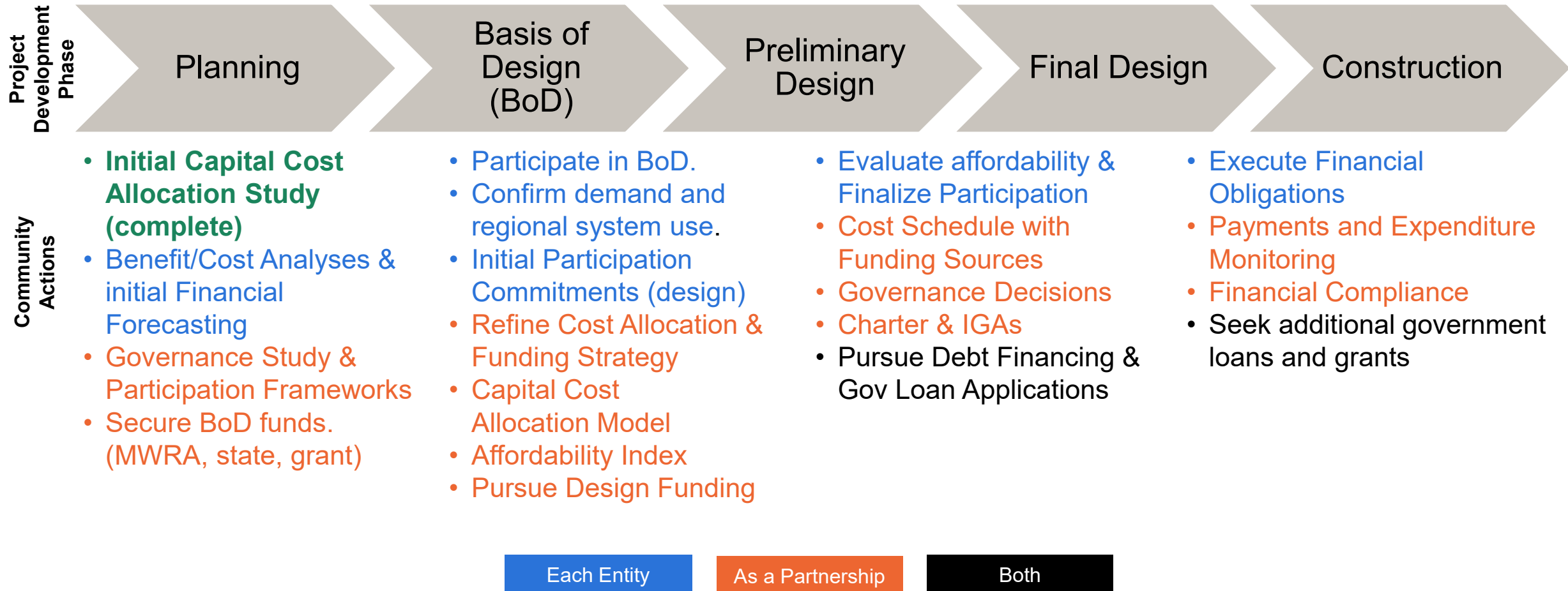
Preferred Frameworks for the Future

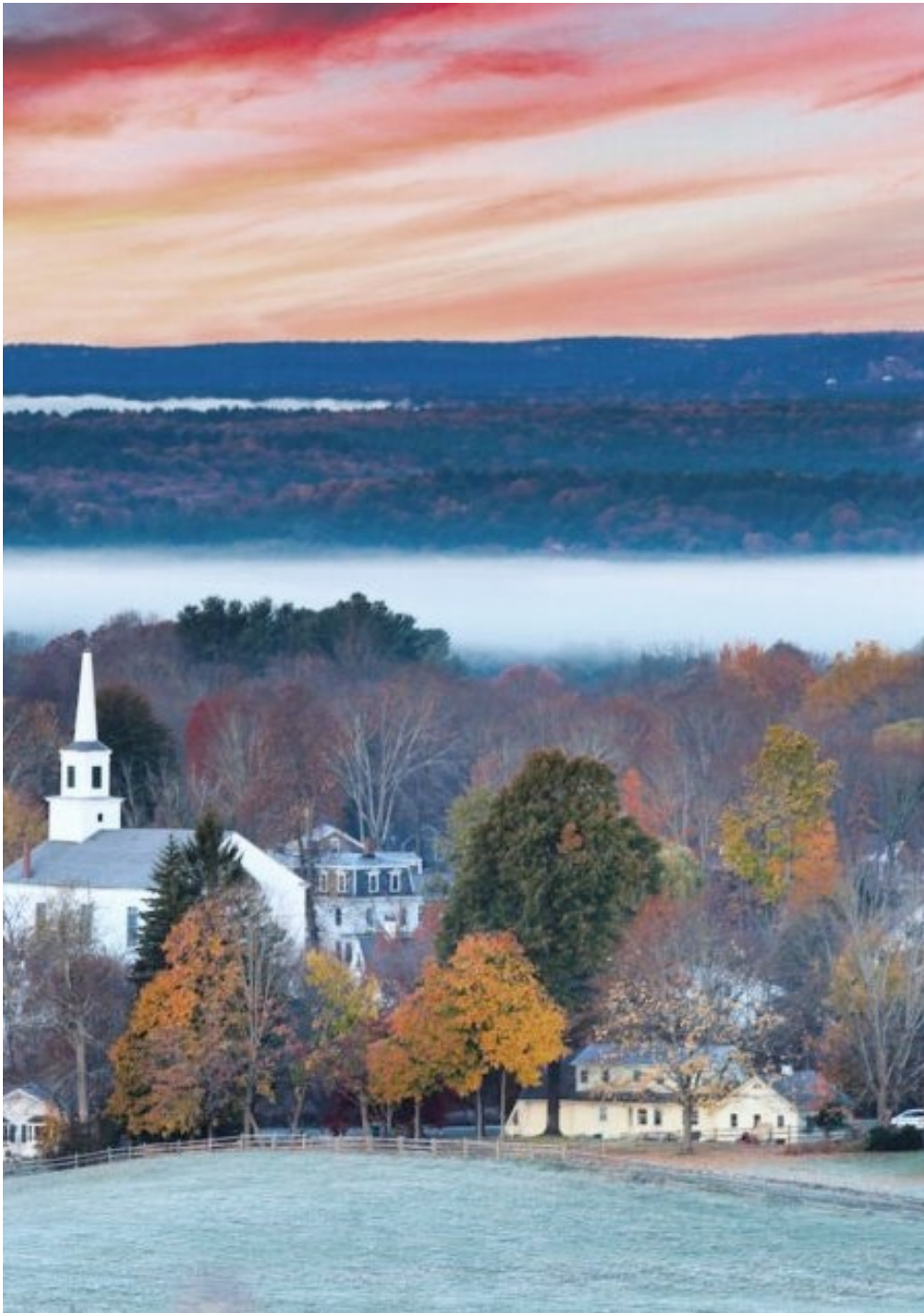


- Recognize that both capital costs, system demands, and participating communities may change moving forward.



What's Next for MWRA MetroWest Connect?





Thank You

Overall Point of Contact

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