Roadway Pricing Strategies in the SACOG Region

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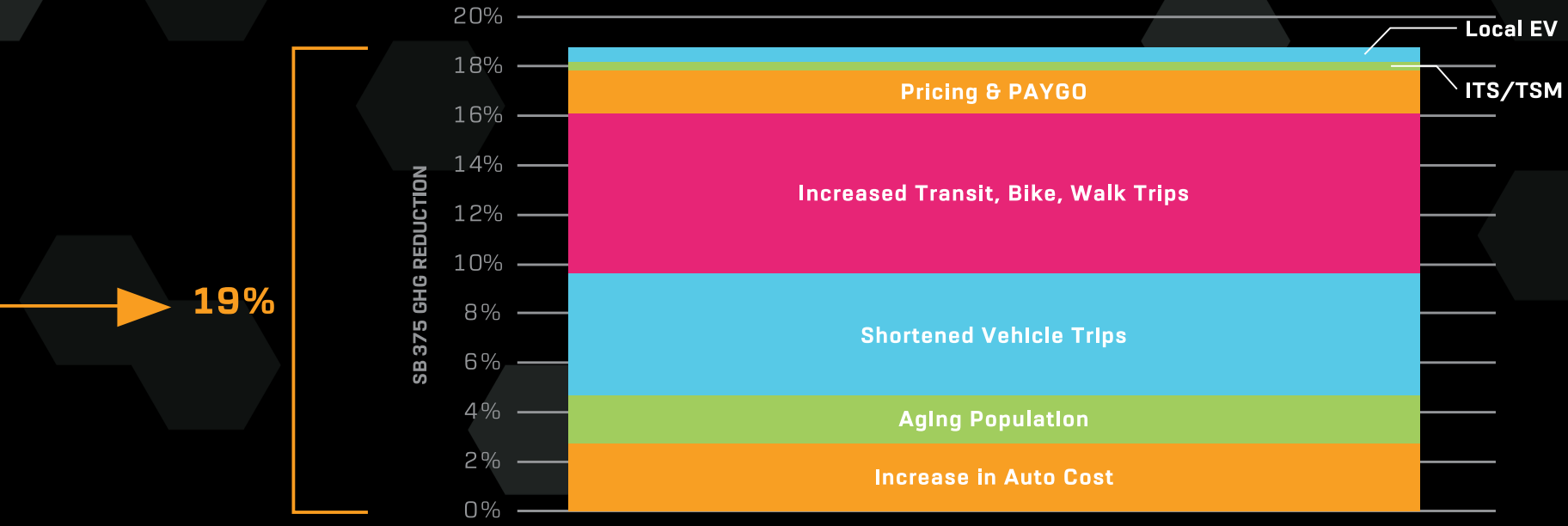
2020 MTP/SCS

- Types of roadway pricing proposed:
  - Facility-based tolling (e.g. managed/express lanes)
  - Mileage-based fees that vary based on time of day and congestion level
- SACOG's 2020 MTP/SCS includes the overarching pricing goal to modernize the way we pay for transportation infrastructure

Greenhouse Gas Reduction Target

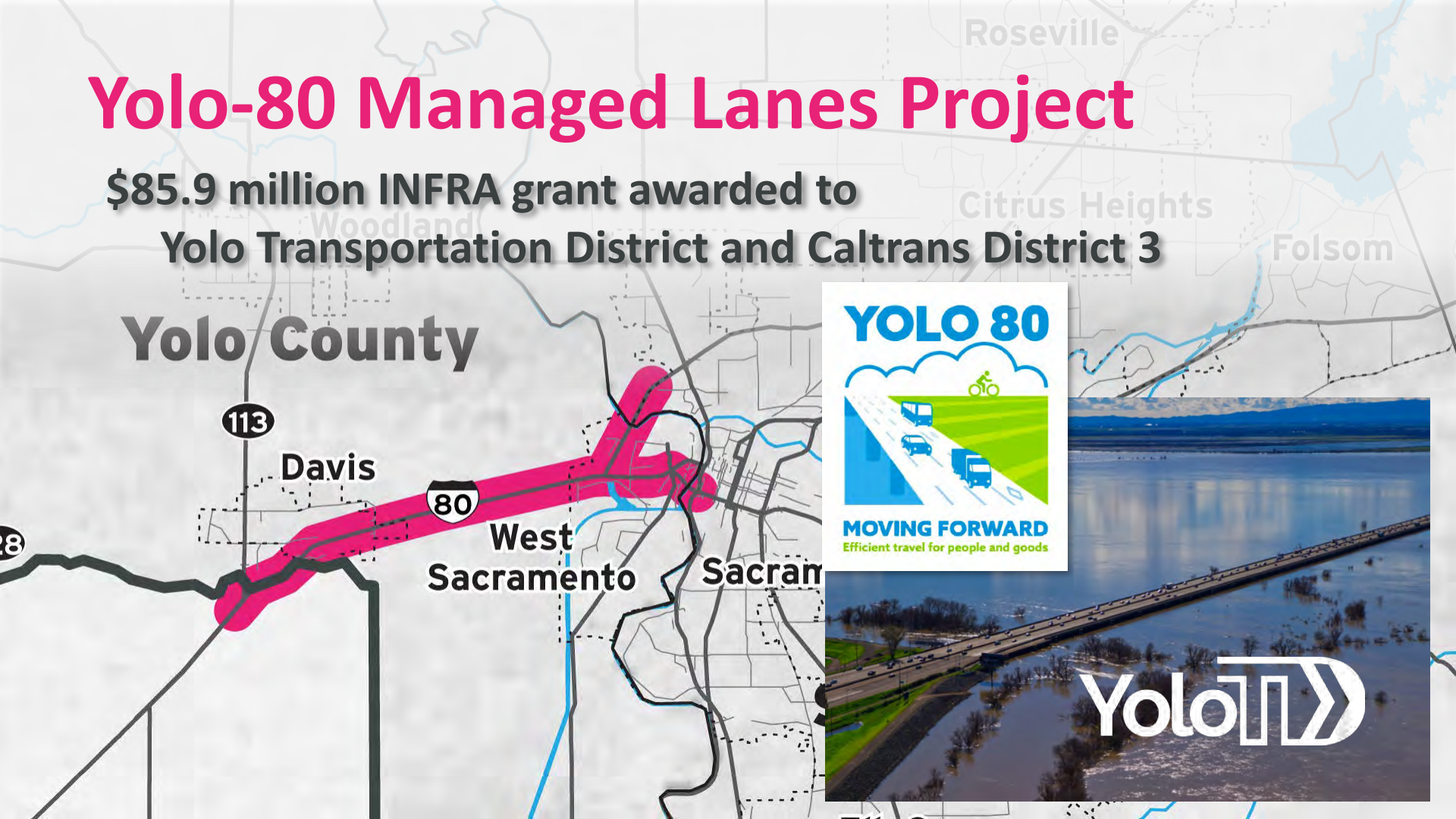
FIGURE 1.2 Key Factors Contributing to 19% GHG Reduction



Source: SACOG, July 2019. Based on draft 2020 MTP/SCS forecasts.

Yolo-80 Managed Lanes Project

$85.9 million INFRA grant awarded to
Yolo Transportation District and Caltrans District 3



Research Design Framework:

Mileage-based User Fees & Incentives Pilots for Behavior Change

Project Overview

SANDAG

SACOG

SCAG™

SACOG, SANDAG, SCAG & Caltrans to develop a research design framework for pilot projects in each of the three regions that combine mileage-based user fees and incentives.

Definitions of User-Fees & Incentives

User Fees – variable mileage-based fees on roadways

- A new way of looking at congestion & facility pricing
- Distinct from Statewide Road User Charges & Express or Toll Lanes

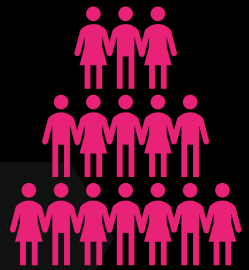
Incentives – subsidies for using non-drive alone modes

- Transit passes, cash, or credit toward future roadway fee
- Mobility wallet
- Universal basic mobility passes

What the Project will Explore

Behavior Change

Impacts of combined user fees & incentives on mode shift, VMT and GHG reduction



Equity

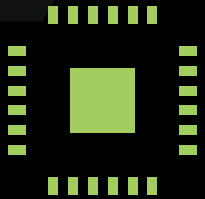
Impacts of combined user fees & incentives on BIPOC, Rural and Low-Income communities

Messaging

Impacts of *how* information about incentives and user fees is provided to participants will affect their travel behavior responses.

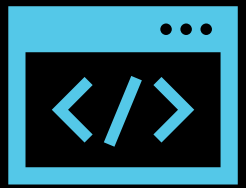
Current Focus: Phase I Design of Pilot

What technology is necessary?



Does that technology exist?

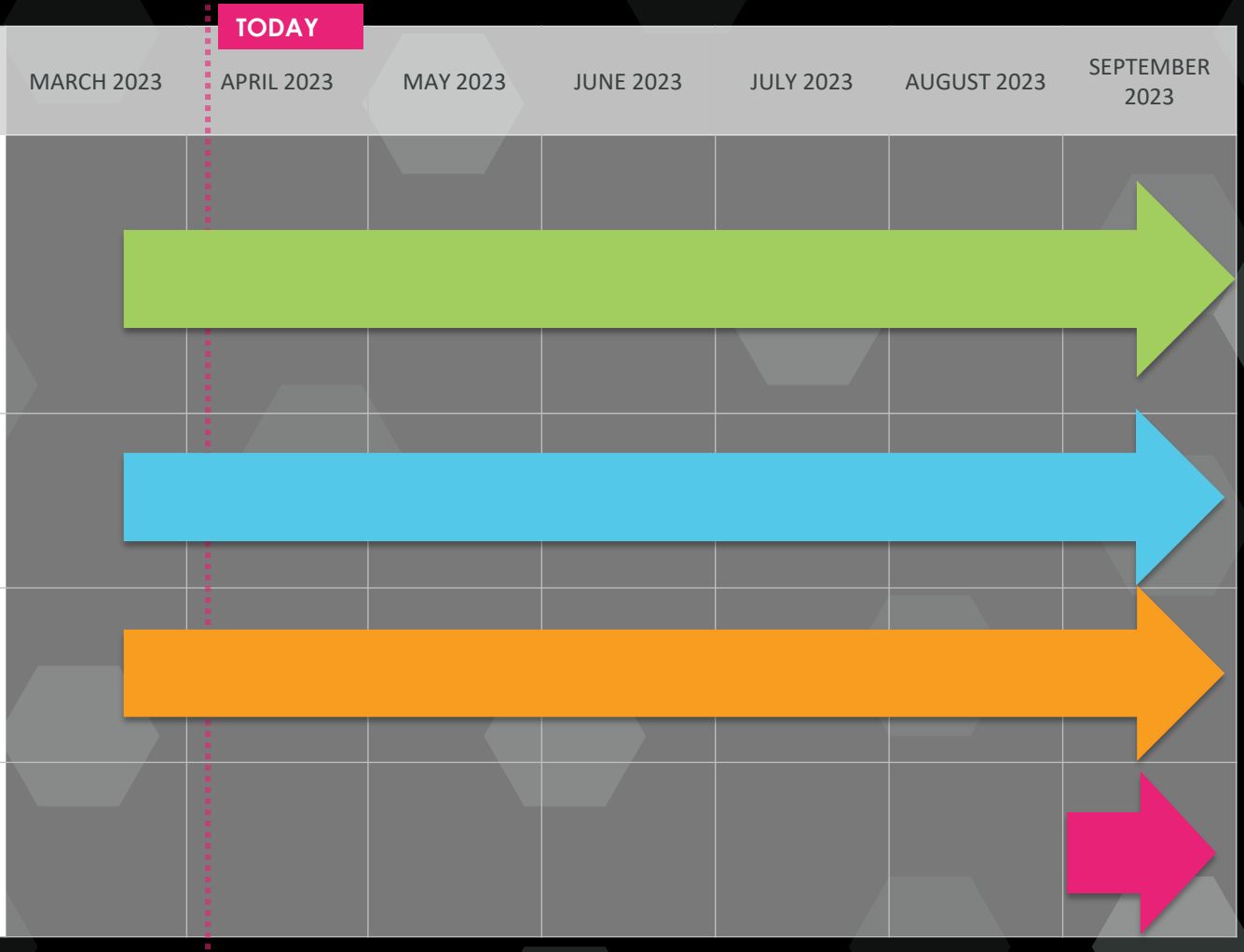
How should pilots be designed?



What should the user interface(s) be to maximize learnings from the pilots?

What other important factors should be considered?

PROJECT TIMELINE
(ESTIMATED)



Next Steps:
Phase II Implementation

- MPOs implement recommendations from Phase I:
  - Technology development
  - Funding and launching the pilots

Credit: https://powunity.com/en/mobility-as-a-service-this-is-how-the-future-of-mobility-looks-like