



Pricing Roads, Advancing Equity

SPUR SF Forum
May 1, 2019



A Report and Toolkit to Help
Communities Advance a More
Equitable and Affordable
Transportation System



PRICING ROADS, ADVANCING EQUITY



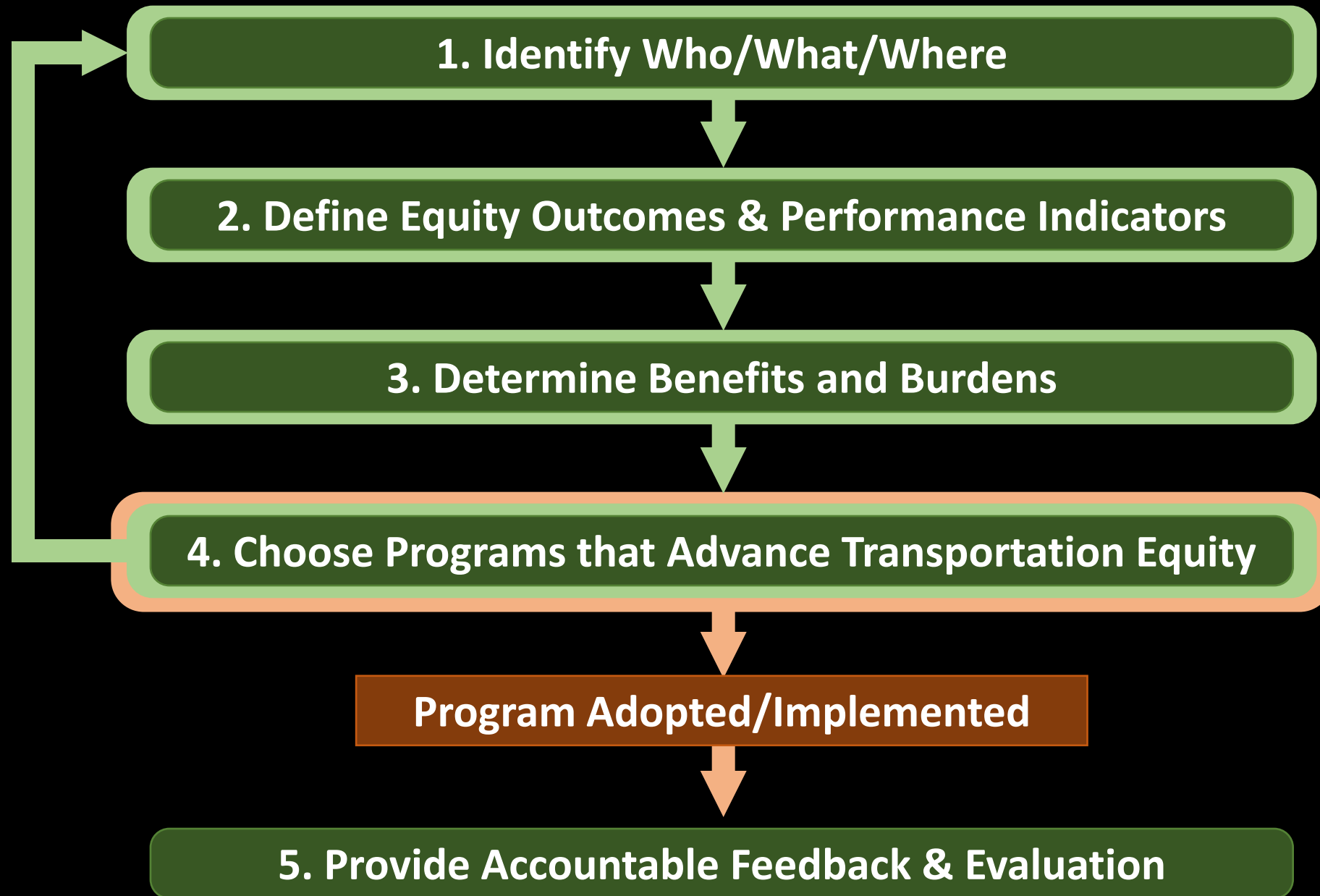
Define Equity Outcomes

<i>Type of Equity</i>	<i>Key Measures</i>
Process Equity	Full Participation
Outcome Equity	Affordability
	Access to Opportunity
	Community Health

Process Equity

Increasing Degree of Participation →					
Level	Minimal				Optimal
Public Participation Goal	Vulnerable Communities are provided information on the project.	Vulnerable Communities provide feedback to the goals.	Solicitation of public concerns and aspirations is ongoing	Agencies closely partner with community groups throughout the project.	Vulnerable communities have a seat at the decision-making table.
Sample Outreach Strategies	<ul style="list-style-type: none"> • Fact sheets • Websites • Open houses 	<ul style="list-style-type: none"> • Public meetings • Public comment • Focus groups • Surveys 	<ul style="list-style-type: none"> • Workshops • Deliberative polling 	<ul style="list-style-type: none"> • Advisory committees comprised of residents • Consensus building • Participatory decision-making 	<ul style="list-style-type: none"> • Citizen juries • Ballots • Delegated decisions • Formal representation on decision-making groups

TransForm's
5 Steps
to an Equitable
Road Pricing Program



Identify Who/What/Where

	Vulnerable Communities:	General Population:
No Toll Plan:	Impacts	Impacts
With Toll Plan:	Impacts	Impacts

Define Equity Outcomes & Performance Indicators



Full Participation

CATEGORY

SAMPLE INDICATORS

Activities

- Number of meetings and focus groups with vulnerable communities.
- Dollar amount and/or percentage of project budget dedicated to equity outreach programs.

Communications

- Share of principal languages spoken in the community into which materials are translated.
- Number of ethnic media outlets that receive information and publish articles about the proposal, or are targeted for advertising community meetings.

Organizations

- Staff time dedicated to technical support and funding for Community-Based Organizations (CBOs) to conduct/participate in needs assessment.

Participants

- Number of individual voices that have contributed to the community needs assessment.

Responsiveness

- Number of community-identified priorities that are being implemented as part of the program.

Community Health	
CATEGORY	SAMPLE INDICATORS
Infrastructure	<ul style="list-style-type: none">• Miles of effective/safe bike lanes and sidewalks added or improved.
Funding	<ul style="list-style-type: none">• Absolute dollar amount of funds spent on bike and pedestrian improvements in vulnerable communities.• Percent of toll revenues spent on bike and pedestrian improvements in vulnerable communities.• Absolute dollar amount and percent of toll revenues spent on clean air buses serving vulnerable communities.
Safety	<ul style="list-style-type: none">• Change in collisions, death, and injury rates on facilities that receive investment.
Trips	<ul style="list-style-type: none">• Change in the number of bicycle and pedestrian trips.
Air Quality	<ul style="list-style-type: none">• Number/percentage of new clean air buses, funded as part of the toll investment strategy, in vulnerable communities.• Change in particulate matter or other criteria pollutants in identified impact areas.
Health	<ul style="list-style-type: none">• Anticipated health benefits, disease reduction, and improvements in life expectancy (can be predicted using ITHIM or another model).

Determine Benefits and Burdens



NYC Congestion Pricing

18 times more NYC commuters would gain from transit improvements than would likely pay new tolls. More dramatically, the working poor would benefit by a margin of 38 to 1 from congestion pricing that funds both transit upgrades and “Fair Fares” discounts for low-income riders.

Who potentially pays congestions tolls?

Outer-borough residents (drivers and passengers)
who rely on vehicles for their commute to work

118,000

including

Working poor

5,000

Who gains from improved public transit and half-fare MetroCards for the working poor?

2,169,000

Residents citywide who rely on public
transit for their commute to work

including

190,000

Working poor NYC residents who would also
be eligible for a half-price MetroCard
(Excludes seniors already eligible for half-fare)

Choose Programs that Advance Transportation Equity



**TAP YOUR
WAY TO
FREE TOLLS.**

For more info on our Transit Rewards,
visit metroexpresslanes.net.



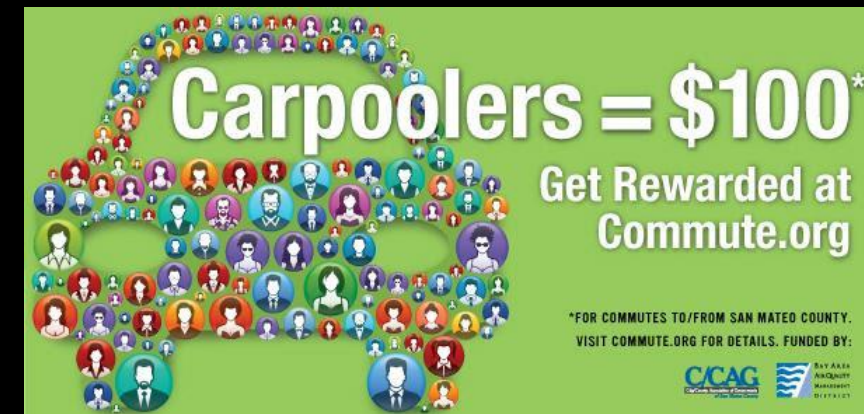
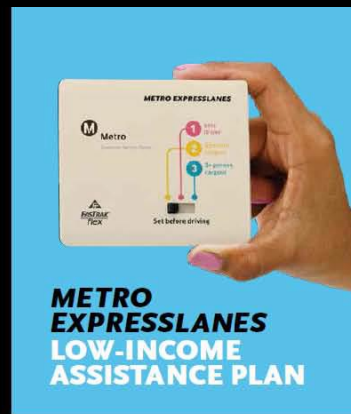
**METRO
EXPRESSLANES
TRANSIT REWARDS**



STRATEGY	EXAMPLES	ISSUES
Affordability and Driver Assistance	Driver Discounts, Caps & Exemptions , such as: <ul style="list-style-type: none"> • Free or discounted transponders • Toll discounts or credits for low-income households • Exemptions for people with disabilities • No tolls during off-peak hours 	If there are too many of these, then other components of the program, like increasing bus and carpool speeds or climate benefits, may be heavily impacted.
	Cash Payments (for those without credit cards or bank accounts)	Must be convenient to access and minimize up-front deposits.
	Transit Discounts <ul style="list-style-type: none"> • Free or discount transit passes • Subsidize bike and car share costs 	May impose a significant administrative burden to means-test applicants.

LOW-INCOME ASSISTANCE PLAN

You may qualify for a discount.
Learn more at metroexpresslanes.net.

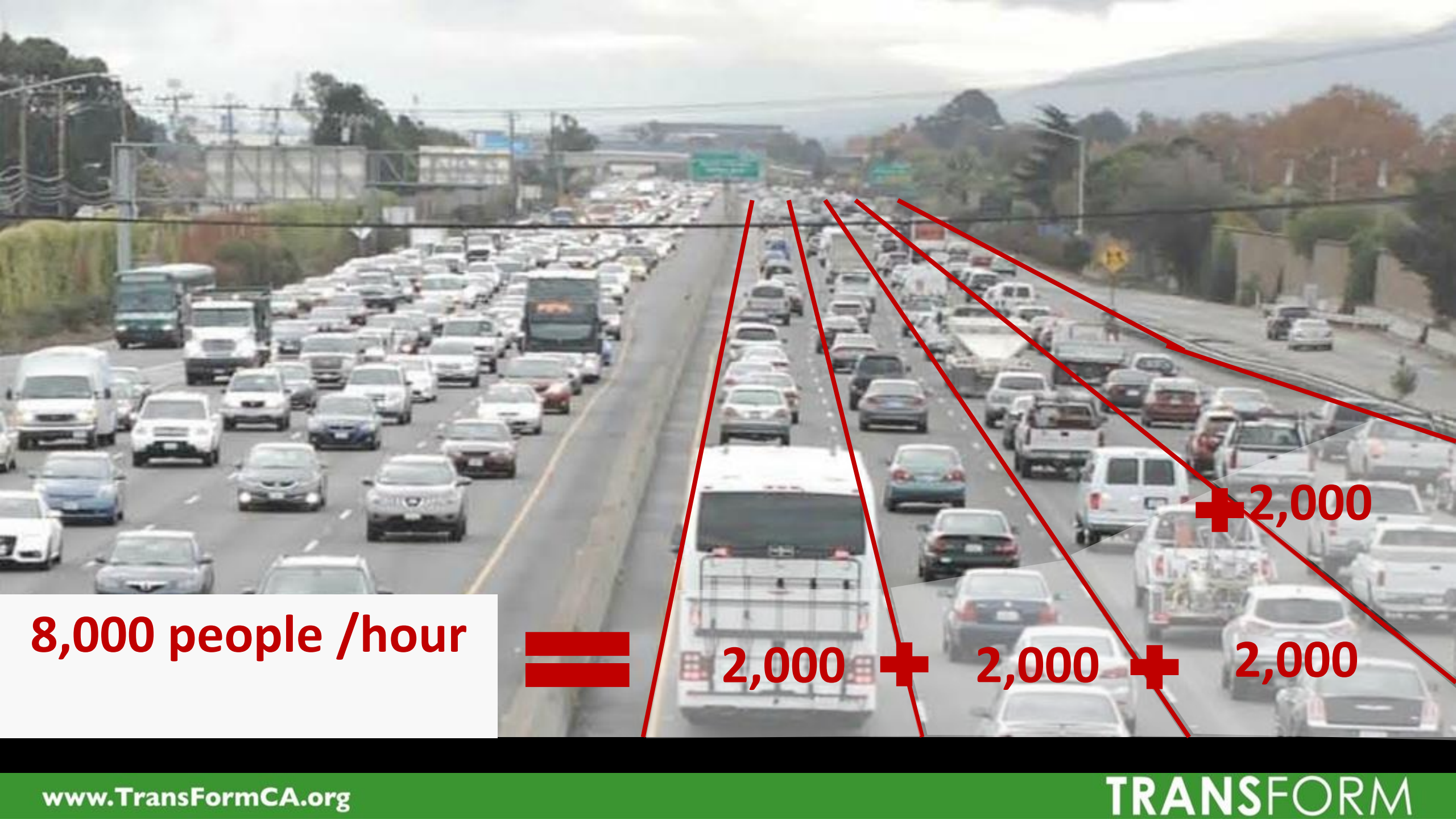


STRATEGY	EXAMPLES	ISSUES
<p>Greater Mobility Options and Safer Active Transportation Networks</p>	<p>Improved Transit Service</p> <ul style="list-style-type: none"> • New routes to more destinations • Faster, more reliable service • Improved stations/stops 	<p>Must ensure routes serve vulnerable communities, operate at beginning and end of shifts; minimize need to transfer; not impose undue time penalties; and get as close as possible to job sites.</p>
	<p>Carpool and Vanpool Programs</p> <ul style="list-style-type: none"> • Carpool matching services such as Scoop • New vanpool routes • Additional park-and-ride lots 	<p>These may often be the most effective way to serve suburban and rural areas.</p>
	<p>Pedestrian/Bike Improvements</p> <ul style="list-style-type: none"> • Improved pedestrian network • Improved bicycle network • Pedestrian-scale lighting 	<p>Must be useful to enough people to qualify as an equity promotion measure.</p>
	<p>New Mobility Programs, such as:</p> <ul style="list-style-type: none"> • Bike share • Car share • Creative use of ride-hailing or other services to connect to transit • Shuttles/Microtransit • Carpool apps and programs 	<p>Even when affordable, access might be limited. Options should exist for people without smartphones.</p>

Provide Accountable Feedback & Evaluation







8,000 people /hour

=

2,000

+

2,000

+

2,000

+ 2,000



14,000 people /hour

=

8,000

+

2,000

+

2,000

+ 2,000

101 Mobility Action Plan



**METROPOLITAN
TRANSPORTATION
COMMISSION**



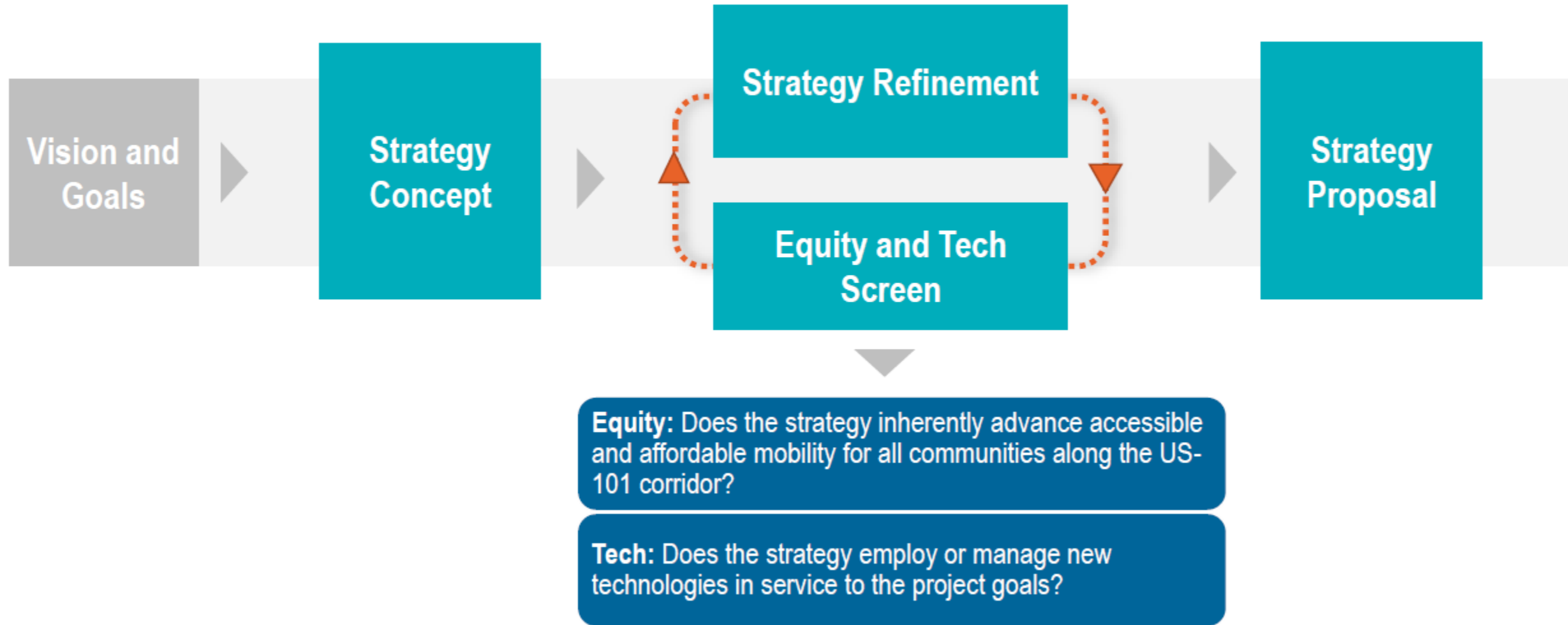
The purpose of the US-101 MAP project is to develop a set of near-term policy changes or programs that maximize the impact of planned infrastructure and mobility projects and address inequitable mobility outcomes along the US-101 corridor.

Vision & Goals

The ideal US-101 corridor serves the region **equitably** and leverages technological solutions in service to these three goals:

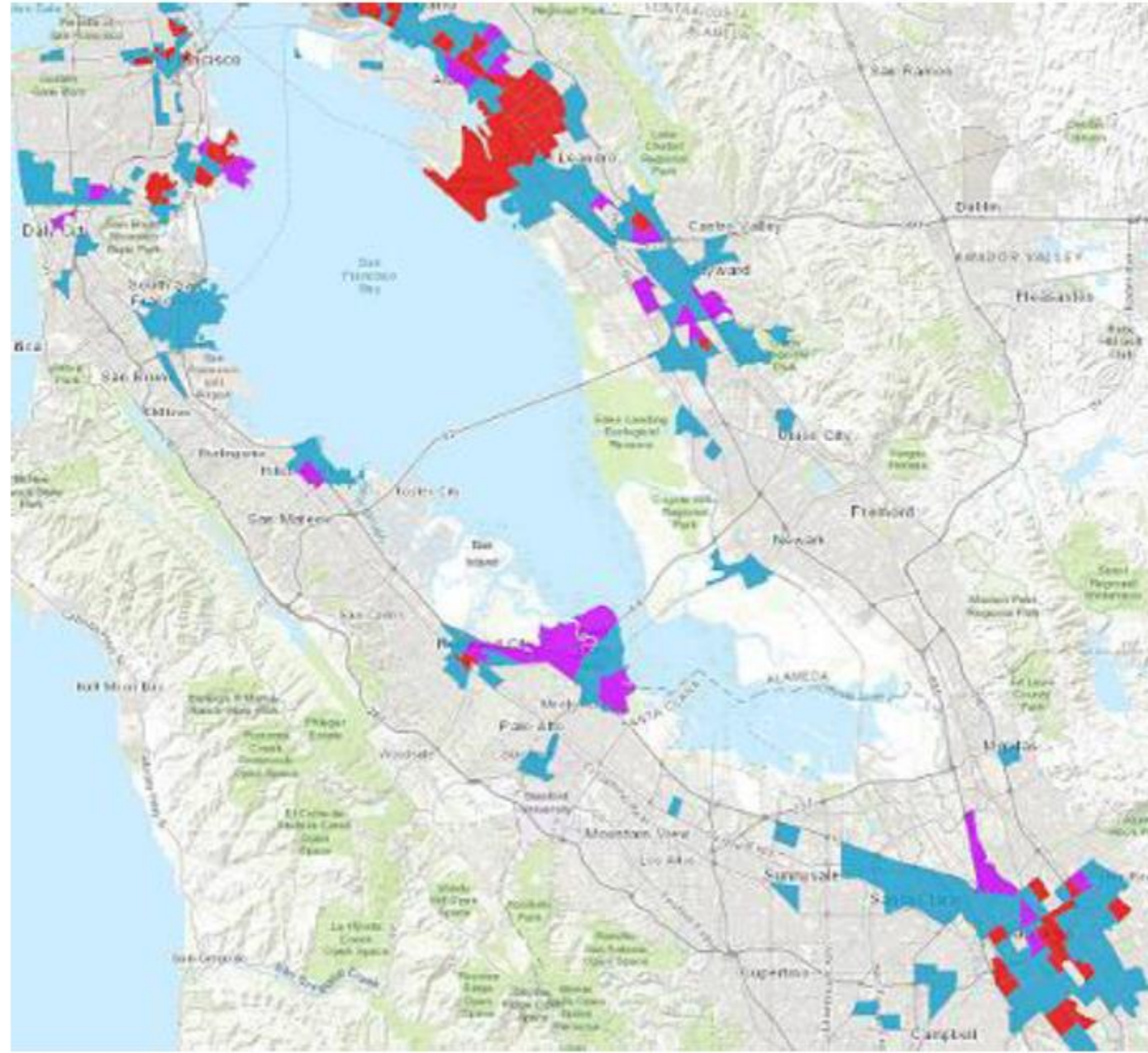
- Offer **reliable** travel times for travelers
- Prioritize **high-capacity mobility** options for all
- Foster **safe and healthy communities** along its right-of-way

GENERATING STRATEGY PROPOSALS



Equity Screen

- Source: Nelson Nygaard, 4/4/19



EVALUATING STRATEGY PROPOSALS

Strategy Proposal



```
graph TD; A[Strategy Proposal] --> B[Evaluate Strategy<br/>• Which goal(s) supported?<br/>• Which metrics apply?]; B --> C[Strategy Scorecard<br/>• How does strategy score for each metric?<br/>• What is the total score?]; C --> D[Recommended Strategies<br/>• Adopted strategies, ranked by score];
```

Evaluate Strategy

- Which goal(s) supported?
- Which metrics apply?

Strategy Scorecard

- How does strategy score for each metric?
- What is the total score?

Recommended Strategies

- Adopted strategies, ranked by score

TransForm



Our communities. Our transportation. Our future.

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