



PLAN BAY AREA 2050

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Plan Bay Area 2050: Integrating Equity

Regional Equity Working Group (REWG) Workshop
December 11, 2019

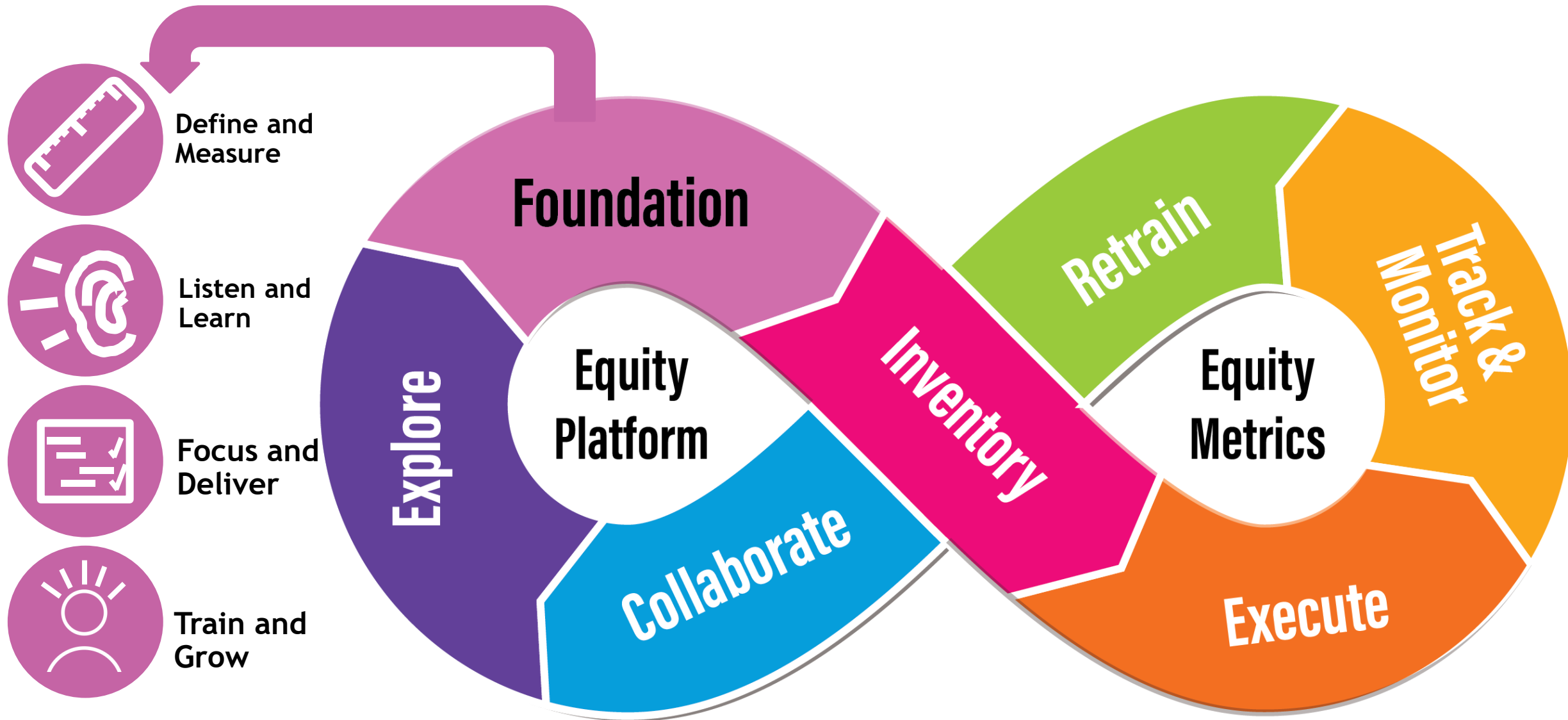


PLAN BAY AREA 2050

Advancing Equity in Plan Bay Area 2050

Therese McMillan
Executive Director

Equity Platform



Equity Platform Applied to PBA 2050



Define and Measure



New Data in Vital Signs; EJ Analysis



Listen and Learn



Pop-ups in Communities of Concern;
Partnering with CBOs



Focus and Deliver



New modeling; means-based fare



Train and Grow



Equity Assessment + guidance



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Introductions

Kỳ-Nam Miller

Public Engagement Lead, Legislation and Public Affairs

Anup Tapase

Associate Planner, Regional Planning Program

Today's Agenda

Advancing Equity in Plan Bay Area 2050, *Therese McMillan*

- **Setting the Stage:**
 - Plan Bay Area 2050 Overview, *Dave Vautin*
 - Takeaways from Horizon: Strategies for Plan Bay Area 2050, *Anup Tapase*
 - *Poll-Everywhere Activity: What issues are most important to you*
 - What Does the Public Think? *Ursula Vogler*
- *Quick break* —
- **Small Group Discussion of Strategies: Round 1**
- *Lunch* —
- **Small Group Discussion of Strategies : Round 2**
- **Next Steps**

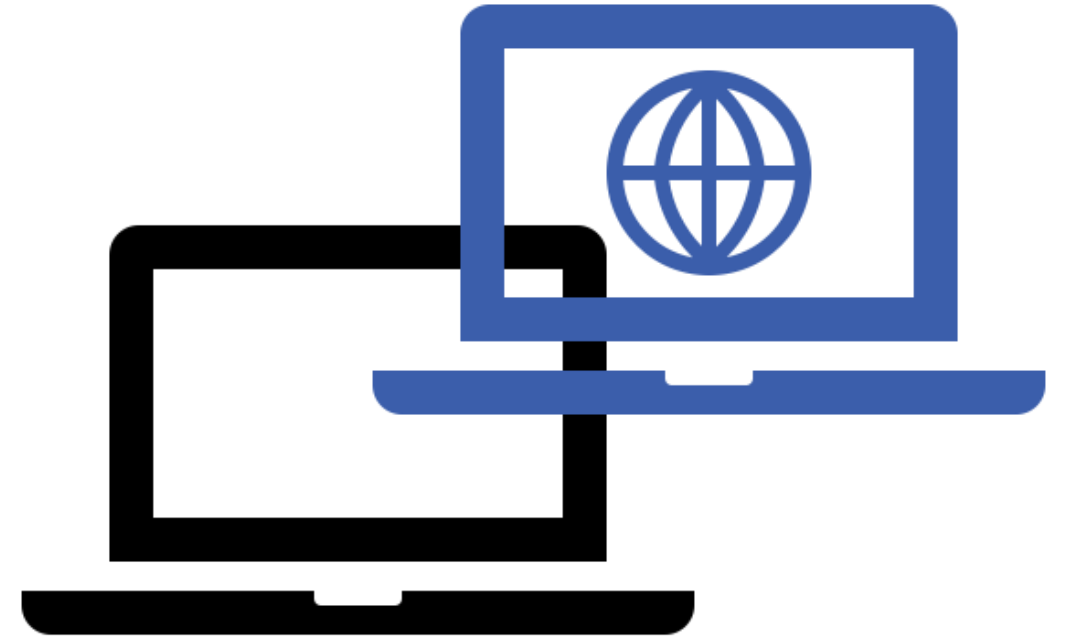


Icebreakers

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Plan Bay Area 2050 Overview

Dave Vautin, Regional Planning Program,
Plan Bay Area 2050 Project Manager,
dvautin@bayareametro.gov

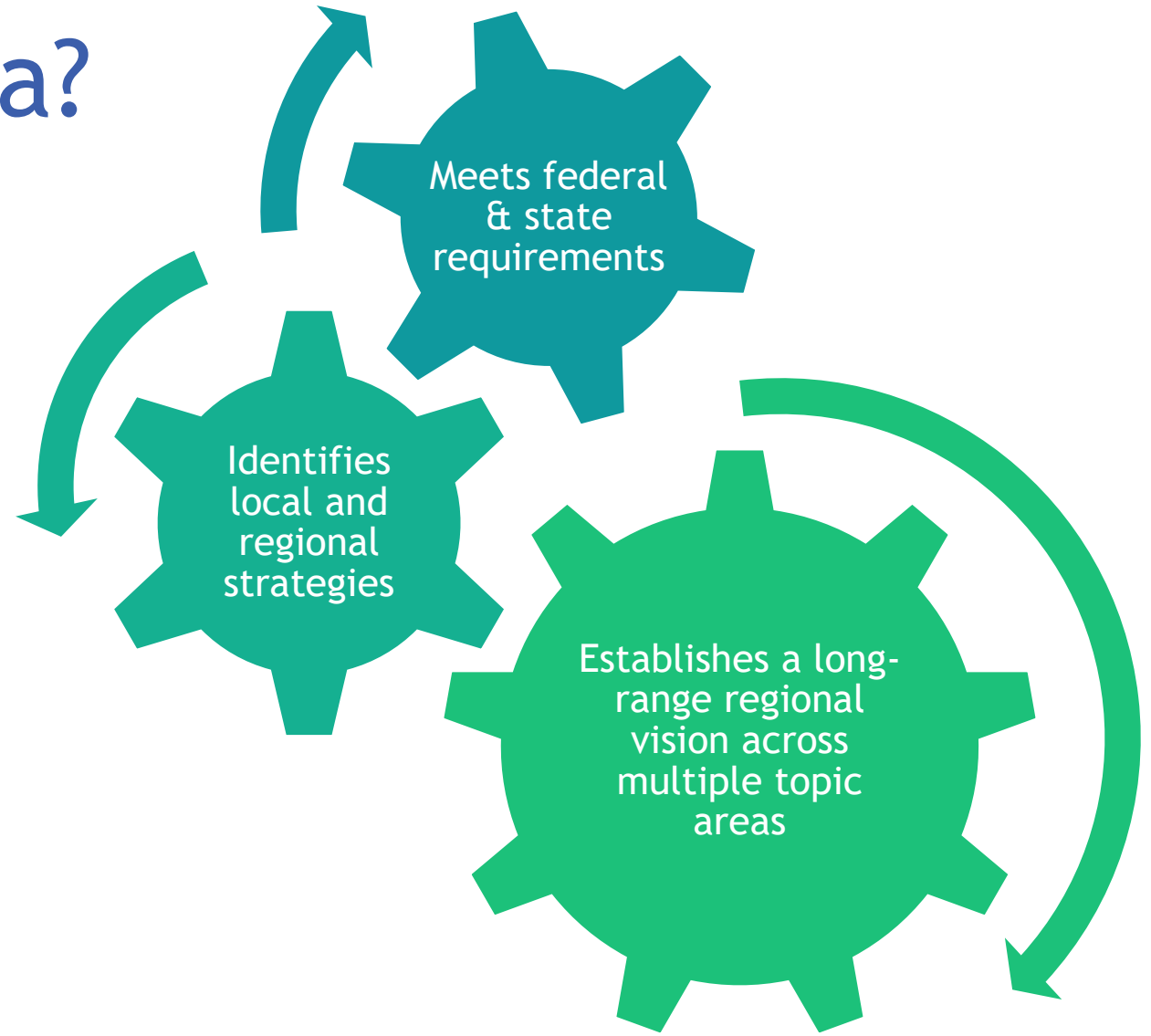


Welcome to *Plan Bay Area 2050*.

Over the next two years,
MTC and ABAG will work together to plan
for a better Bay Area - considering
strategies to tackle the challenges of
today and tomorrow.

What is Plan Bay Area?

- The regional plan is a **blueprint for growth and infrastructure** for the next 30 years.
- The regional plan is **updated every four years**, with this major update due in 2021.
- The regional plan is a reflection of **the shared priorities of the diverse nine-county San Francisco Bay Area**.
- The regional plan is **fiscally-constrained**, even as it aspires to tackle the Bay Area's big challenges with specific strategies.
- The regional plan is **not an expenditure plan**; it is focused on setting priorities and over the long term and looking holistically across “silos”.



Plan Bay Area 2050 will cover four topic areas and integrate two cross-cutting issues.

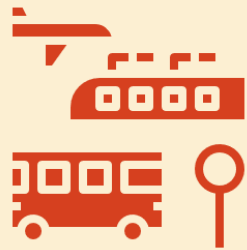
Cross-Cutting Issues



Equity



Resilience



Transportation



Environment



Housing

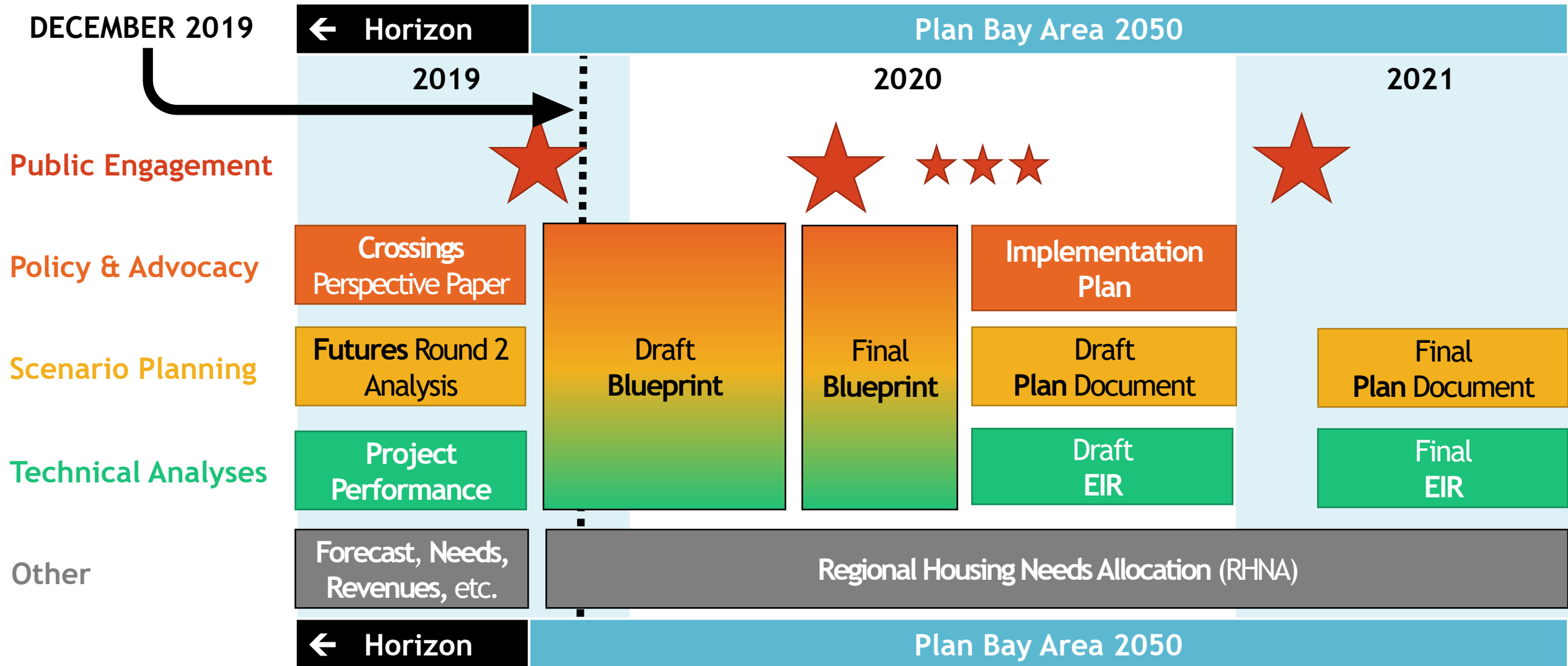


Economy

Plan Bay Area builds on Horizon



Plan Bay Area 2050 Schedule



The Draft Blueprint will identify complementary strategies, both land use and transportation.



Plan Bay Area 2050 Blueprint

- **TRANSPORTATION** Investments & Strategies
- **HOUSING** Strategies
- **ECONOMIC** Strategies
- **ENVIRONMENTAL** Strategies

Questions?

Contact MTC/ABAG staff with any follow-up questions:

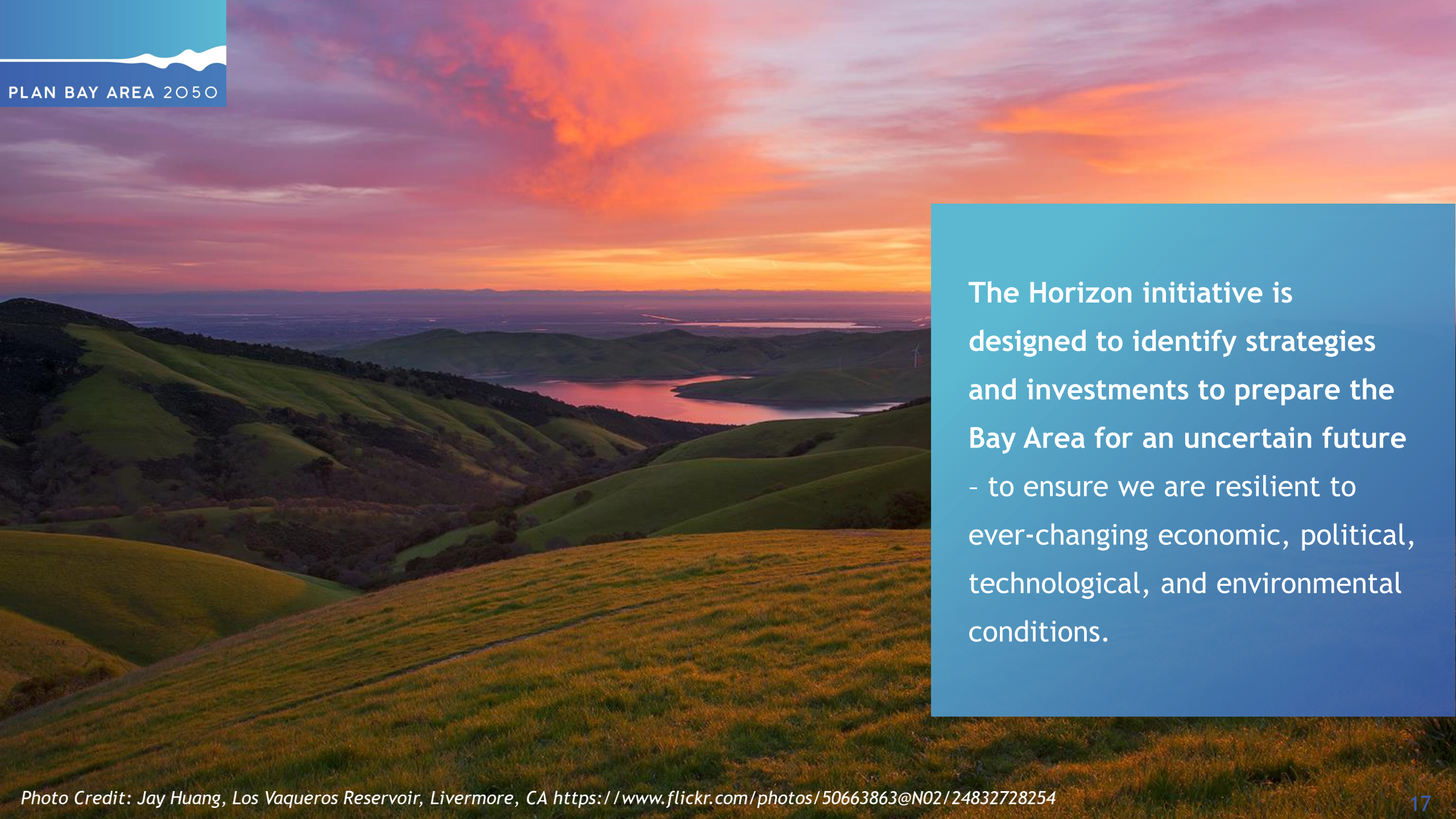
- **Dave Vautin**, Plan Bay Area 2050 Project Manager,
dvautin@bayareametro.gov
- **Anup Tapase**, Equity Assessment Lead,
atapase@bayareametro.gov



Takeaways from Horizon Strategies in Advance of Plan Bay Area 2050

Anup Tapase

Associate Planner, Regional Planning Program,
atapase@bayareametro.gov

The background of the slide is a photograph of the Los Vaqueros Reservoir in Livermore, California. The image shows rolling green hills in the foreground, with the reservoir nestled in a valley. The sky is a vibrant mix of orange, pink, and purple, indicating a sunset or sunrise. The water in the reservoir reflects the colors of the sky. In the distance, a city skyline is visible under the hazy light of the low sun.

The Horizon initiative is designed to identify strategies and investments to prepare the Bay Area for an uncertain future - to ensure we are resilient to ever-changing economic, political, technological, and environmental conditions.

Three Futures - “What If?” Scenarios

A



Rising Tides,
Falling
Fortunes

What if... the federal government cuts spending and reduces regulations, leaving more policy decisions to states and regions?

B



Clean
and Green

What if... new technologies and a national carbon tax enabled greater telecommuting and distributed job centers?

C



Back to
the Future

What if... an economic boom and new transportation options spur a new wave of development?

Two major deliverables from Horizon inform strategies for Plan Bay Area 2050



Futures
Planning

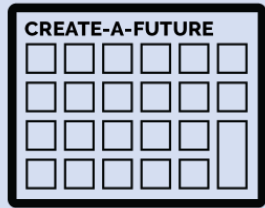


Project
Performance

Futures Planning: Process



OUTREACH



ROUND 1 ANALYSIS

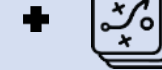
Current Strategies



REPORT



OUTREACH



ROUND 2 ANALYSIS

New Strategies



REPORT



35 Strategies Analyzed in Futures Planning



Strategies were designed to support these nine priority areas, based on the Futures Interim Report findings. While new revenues were assumed in all Futures, fiscal constraint did mean that some strategies were omitted from Rising Tides, Falling Fortunes.



Improve Economic Mobility



Shift the Location of Jobs



Spur Housing Production



Retain & Expand Affordable Housing



Improve Access, Speed, and Reliability of Transportation



Prioritize Active Modes



Price Transportation Services



Reduce the Environment's Impact on Us

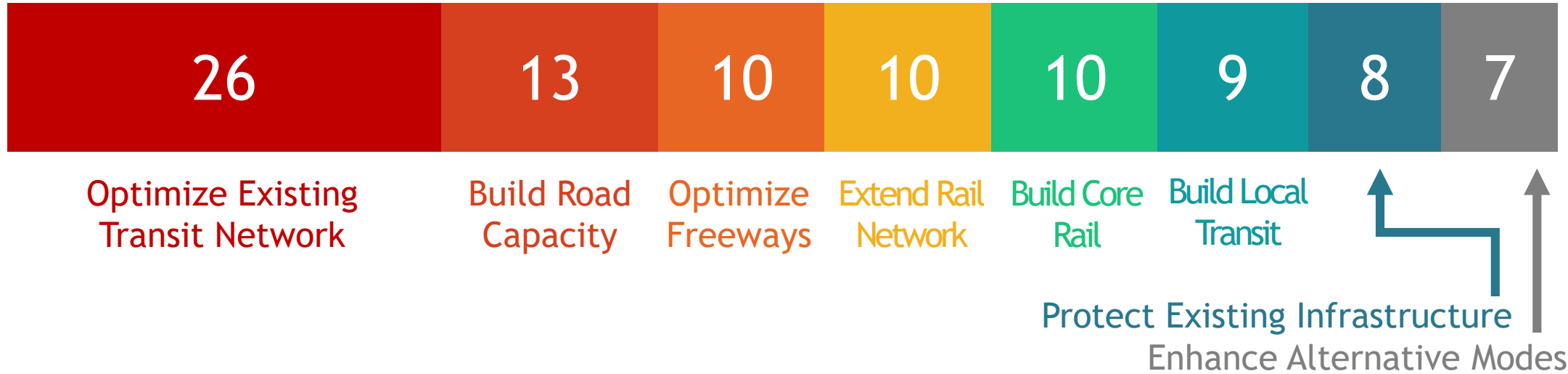


Reduce Our Impact on the Environment

Project Performance: Understanding Impacts of Transportation Investments



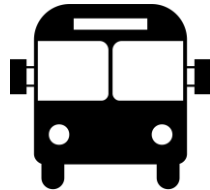
Number of Projects by Objective
(Total: 93)



Capital Cost Breakdown of Projects*



86%
of capital costs are for rail investments



3%
of capital costs are for bus investments



7%
of capital costs are for road investments

* Does not include public submissions of transformative projects selected by the jury; costs for these projects are still under development.

Project Performance: How Were Projects Evaluated?



Benefit-Cost Assessment (*x 3 Futures*): **is the project cost-effective & resilient?**
If benefit-cost ratio in a given Future is greater than 1, then benefits exceed costs.



Equity Assessment (*x 3 Futures*): **is the project advancing equity?**
If greater than 60% of a project's accessibility benefits benefit lower-income households, then it advances equity.



Guiding Principles Assessment: **is the project aligned with Plan Bay Area 2050's vision?**
If no Guiding Principles "flags" are identified, then it is generally aligned with the Guiding Principles.

- Qualitative assessment based on the five Guiding Principles:
 - Affordable, Connected, Diverse, Healthy, Vibrant

PLAN BAY AREA 2050



Transportation Findings from Horizon

Micromobility and Safety strategies contributed to a significant shift in active mode share and reduction in road fatalities



Strategies that prioritized active modes.



Build a Micromobility Network

Build nearly 10,000 miles of micromobility infrastructure, including protected lanes and trails.



Invest in Free Short-Trip Service

Fund shared personal mobility, including scooters and electric bikes, within 3 miles of transit.



Implement Vision Zero Speed Reductions

Reduce speed limits to 25 mph on local roads within three miles of transit, in addition to reducing speeds on highways.

Other strategies that contributed to modal shift.



Suite of Growth Pattern Strategies

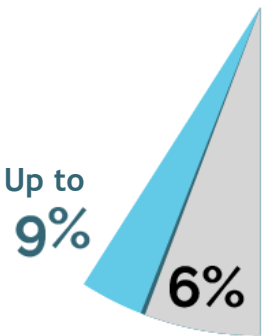
By changing the growth pattern in Round 2 analysis, more households and jobs are in areas where the active transportation investments were focused.



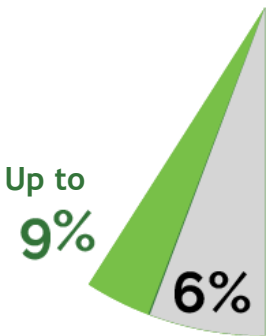
Apply Time-of-Day Tolls on All Freeways

Toll vehicles on highways based on the time of day and the number of occupants in the vehicle.

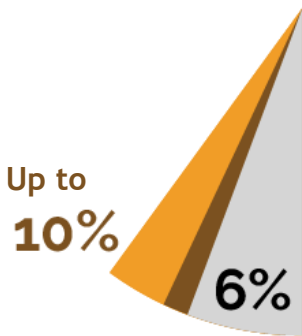
Active (walk & bike) mode share in 2015, and Futures round 1 and round 2 analysis



Rising Tides,
Falling Fortunes

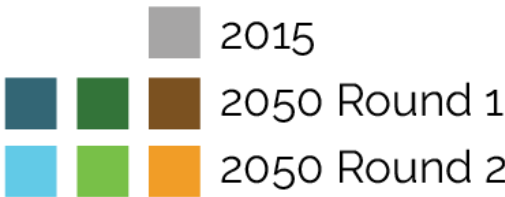


Clean &
Green



Back to
the Future

active (walk+bike) mode share



Note that mode share is reflective of commute mode; the share is higher when accounting for all trips.

Lower-cost transit improvements, such as urban buses, BRT lines and ferry improvements are safe bets in an uncertain future



Project Type	Project	Lifecycle Cost	Guiding Principle Flags	Benefit-Cost Ratio			Equity Score		
				Rising Tides Falling Fortunes	Clean and Green	Back to the Future	Rising Tides Falling Fortunes	Clean and Green	Back to the Future
Optimize Existing Transit Network	BART Core Capacity	\$4.5B	0	1	2	2	Even	Even	Even
	Irvington BART Infill Station	\$0.2B	0	1	1	9	Even	Even	Even
	AC Transit Local Network: Service Increase	\$2.6B	0	1	2	2	Advances	Advances	Even
	Alameda County E14th St/Mission and Fremont Blvd Multimodal Corridor	\$0.5B	0	1	2	2	Advances	Advances	Even
	Geary BRT (Phase 2)	\$0.6B	0	1	2	3	Even	Even	Challenges
	San Francisco Southeast Waterfront Transit Improvements	\$0.6B	0	2	3	4	Even	Even	Even
	San Pablo BRT	\$0.5B	0	1	3	4	Advances	Advances	Even
	Downtown San Francisco Congestion Pricing	\$0.3B	1	2	3	4	Challenges	Challenges	Challenges
	Treasure Island Tolling and Mobility Program (Muni and AC Transit, Free Island Shuttles, Ferry)	\$0.8B	1	8	7	>10	Challenges	Challenges	Challenges
Enhance Alternate Modes	Enhanced Regionwide Bike Infrastructure	\$12.6B	0	1	3	3	Advances	Advances	Advances
	WETA Ferry Network Expansion (Berkeley, Alameda Pt, Redwood City, Mission Bay, Treasure Islan..	\$1.0B	0	1	2	2	Even	Even	Even
	WETA Ferry Service Frequency Increase	\$0.4B	0	2	6	3	Challenges	Even	Even
Protect Existing Infrastructure	I-580/US-101/SMART Marin Resilience Project	\$0.2B	0	>10	>10	>10	Challenges	Challenges	Challenges
	I-880 Resilience Project (South Fremont)	\$0.1B	0	>10	n/a	n/a	Challenges	n/a	n/a
	SR-84 Resilience Project (Dumbarton Bridge, 101 interchange)	\$0.2B	0	>10	n/a	n/a	Challenges	n/a	n/a
	SR-237 Resilience Project (Alviso)	\$0.2B	0	>10	n/a	>10	Even	n/a	Even
	US-101 Peninsula Resilience Project (San Antonio Rd, Poplar Ave, Millbrae Ave)	\$0.2B	0	>10	n/a	n/a	Challenges	n/a	n/a
	VTa LRT Resilience Project (Tasman West)	\$0.2B	0	5	5	8	Even	Advances	Even



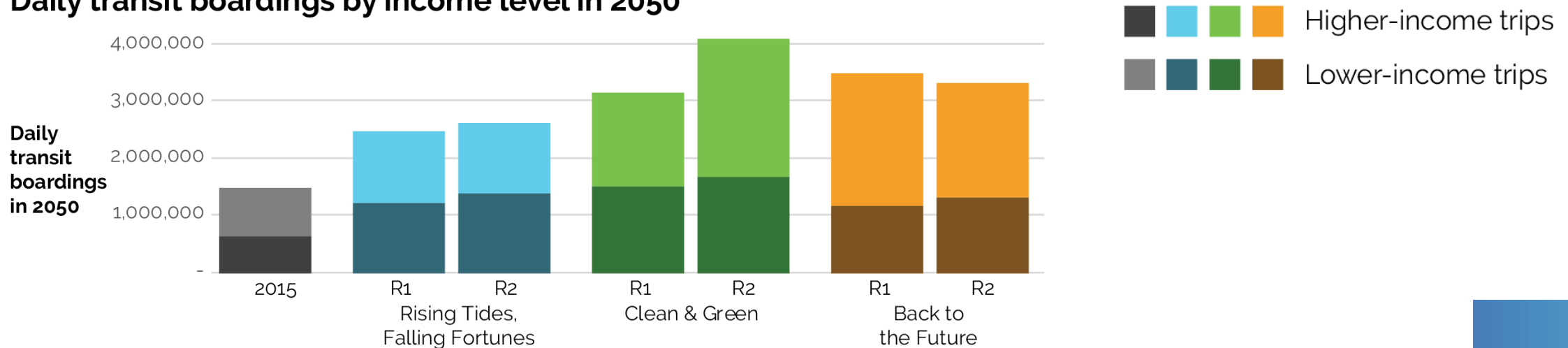
Transit fare reforms could meaningfully change travel behavior



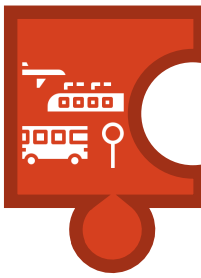
Provide Free Transit to Lower-Income Riders

Free transit for households earning less than the median income. Existing discounted fare programs (e.g. youth, students, senior, people with disabilities) would remain in effect

Daily transit boardings by income level in 2050



Some investments that were evaluated may predominantly benefit higher-income groups if not paired with complementary strategies



Project Type	Project	Lifecycle Cost	Guiding Principle Flags	Equity Score		
				Rising Tides Falling Fortunes	Clean and Green	Back to the Future
Extend Rail Network	BART DMU Extension to Brentwood	\$0.6B	0	Advances	Challenges	Challenges
	BART to Hercules & I-80 Bus from Vallejo to Oakland	\$5.8B	0	Challenges	Challenges	Challenges
	SMART Extension to Cloverdale	\$0.5B	0	Challenges	Even	Challenges
	SMART to Solano (Novato to Suisun City, without sea level rise protections)	\$1.6B	0	Even	Challenges	Challenges
Build Core Rail	Caltrain Downtown Extension	\$4.8B	0	Challenges	Challenges	Challenges
	Megaregional Rail Network + Resilience Project (Caltrain, ACE, Valley Link, D..)	\$54.1B	2	Challenges	Challenges	Challenges
Optimize Existing Transit Network	Caltrain Full Electrification and Blended System: High Growth	\$36.9B	2	Challenges	Even	Challenges
	Caltrain Full Electrification and Blended System: Moderate Growth	\$24.6B	2	Challenges	Even	Challenges
	Downtown San Francisco Congestion Pricing	\$0.3B	1	Challenges	Challenges	Challenges
	Treasure Island Congestion Pricing	\$0.8B	1	Challenges	Challenges	Challenges
Optimize Existing Freeway Network	Bay Area Forward (Phase 1: Freeway Ramp and Arterial Components Only)	\$0.6B	1	Challenges	Challenges	Challenges
	AC Transit Transbay Network: Capital Improvements + Service Increase	\$6.5B	0	Challenges	Challenges	Challenges
	Regional Express Bus Network + Optimized Express Lane Network		1	Challenges	Challenges	Challenges
	San Francisco Arterial HOV and Freeway HOT Lanes	\$1.3B	0	Challenges	Challenges	Even
Build Road Capacity	Regional Express Lanes (MTC + VTA + ACTC + US-101)	\$12.1B	1	Challenges	Challenges	Challenges
	SR-4 Operational Improvements	\$0.5B	1	Challenges	Challenges	Even
	SR-239 Widening (Brentwood to Tracy including airport connector)	\$2.4B	1	Challenges	Advances	Challenges

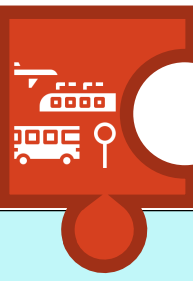


Commuter Rail



Express Lanes / Express Buses

If some of these projects are included in the Plan, how can we advance equitable outcomes?



Preliminary Transportation Strategies for Plan Bay Area 2050



Strategies for discussion today

Connectivity and Safety

- Build a Complete Micromobility Network
- Reduce Speeds on Highways and Local Streets
- Deliver Lower-Cost Transit Improvements (Bus, BRT, and Ferry Projects)

Transportation Costs

- Reform Transit Fare Policy
- Apply Tolls Based on Time of Day and Vehicle Occupancy

Disproportionate Impacts of Major Investments

- Advancing Equitable Outcomes with Commuter Rail, Express Lanes/Buses

Other strategies under consideration for integration into Plan Bay Area 2050 Blueprint

- Operate and Maintain the Existing System
- Develop a Single Platform to Access and Pay for All Mobility Options
- Build a New Transbay Rail Crossing

PLAN BAY AREA 2050



Housing Findings from Horizon

Land use strategies included in Plan Bay Area 2040 were insufficient to address the region's longstanding jobs-housing imbalance.



Rising Tides, Falling Fortunes

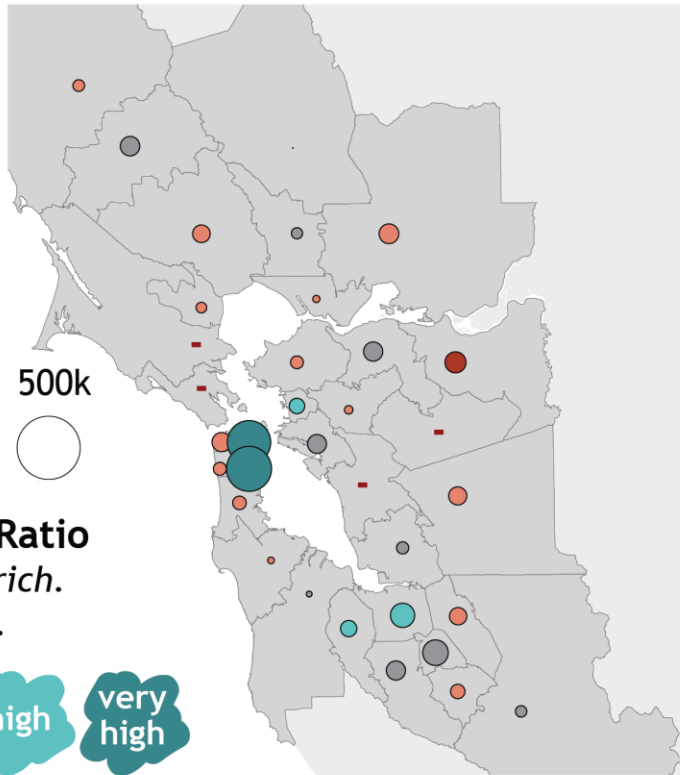
+0.5M Homes, +0.5M Jobs

Overall Growth
Circle area represents combined job & housing growth from 2015 to 2050.

negative growth 10k 100k 500k

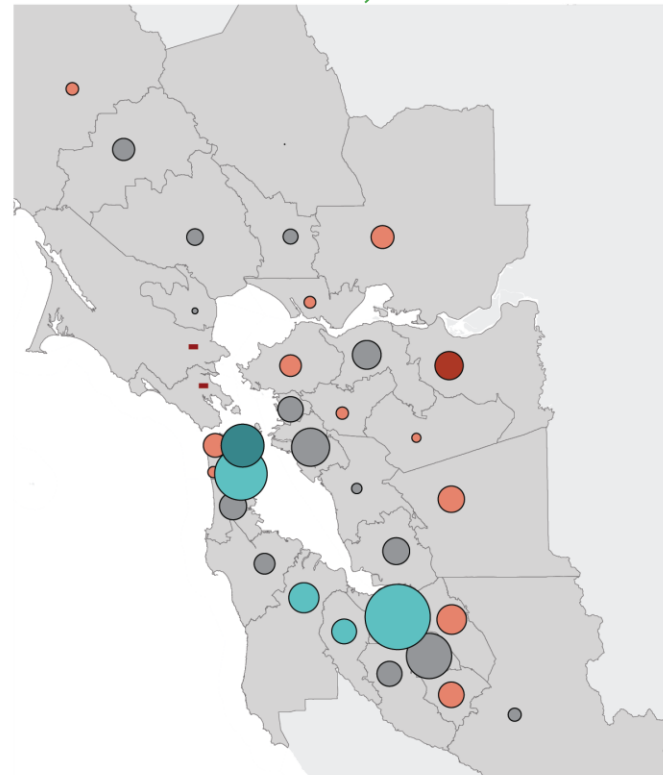
2050 Jobs/Housing Ratio
Red areas are housing rich.
Blue areas are job rich.

very low low avg. high very high



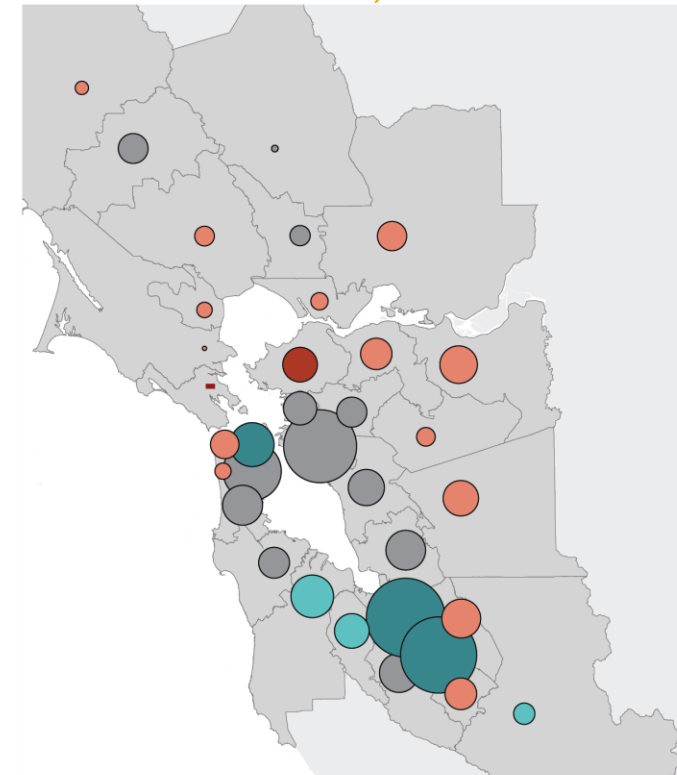
Clean and Green

+1.3M Homes, +1.1M Jobs



Back to the Future

+2.1M Homes, +2.7M Jobs



Designating new growth areas with diverse housing enabled more growth near transit and near opportunity.



Allow Diverse Housing Around Transit



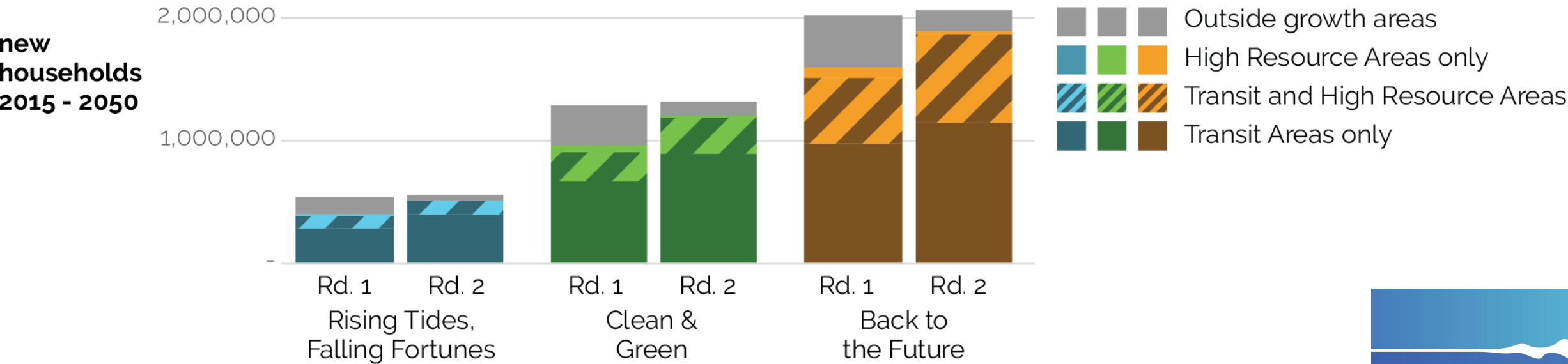
Allow more diverse housing growth around areas with high frequency transit. Expand the growth footprint beyond the current list of PDAs.

Allow Diverse Housing in High-Resource Areas



Allow more diverse housing growth in areas of high opportunity that also have moderate transit service. Expand the growth footprint beyond the current list of PDAs.

Location of households added between 2015-2050 relative to growth geography



A mix of strategies to retain and expand affordable housing reduced the affordable housing gap.



Pass Inclusionary Zoning Policies



Require 10% to 20% of all new development to be deed-restricted affordable, expanding off the Plan Bay Area 2040 inclusionary strategy.

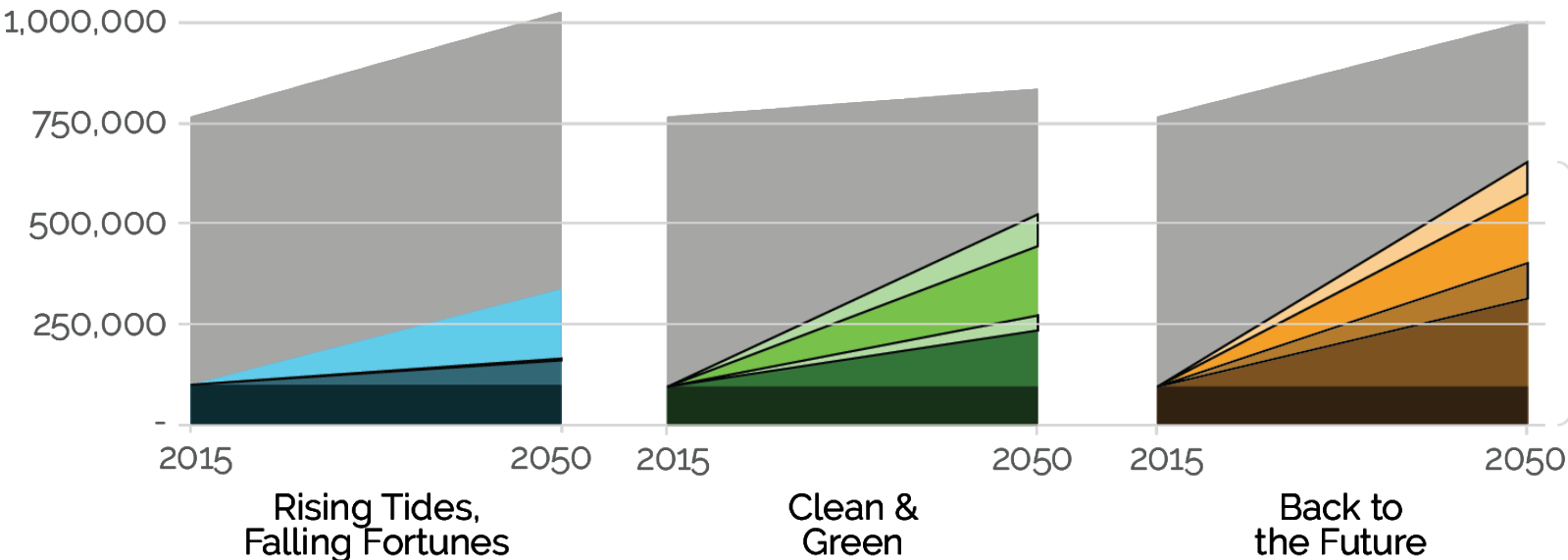
Fund Affordable Housing



Raise \$1.5 billion in new annual revenue to build and preserve affordable housing, complementing existing federal, state, and local affordable housing funds.

Effect of new policies on deed restricted affordable housing units 2015-2050

deed restricted
affordable
housing units
and
number of
low-income
households



How affordable units are built

- N/A
- New revenue
- Existing revenue
- New inclusionary
- PBA40 inclusionary
- Existing units
- Low-income households

New policies increase the share of deed restricted affordable housing available to low-income households from 13% in 2015 to 33%, 63%, and 65% in 2050.



Preliminary Housing Strategies for Plan Bay Area 2050



Strategies for discussion today

Housing Costs / Overall Housing Production

- Allow a Greater Mix of Housing Types & Densities in PDAs, HRAs, other transit-rich areas
- Streamline Development in All Areas Designated for Growth
- Transform Aging Malls and Office Parks into Neighborhoods

Affordable Housing Preservation & Production

- Fund Affordable Housing Preservation & Production
- Require 10 to 20 Percent of All New Housing to be Affordable

Already advancing into implementation due to state legislative action in 2019.

- Repurpose Public Land to Build Housing
- Increase Renter Protections

PLAN BAY AREA 2050



Economy Findings from Horizon

We are recommending two strategies that would help enhance economic mobility



Provide Childcare Subsidy for Low-Income Households



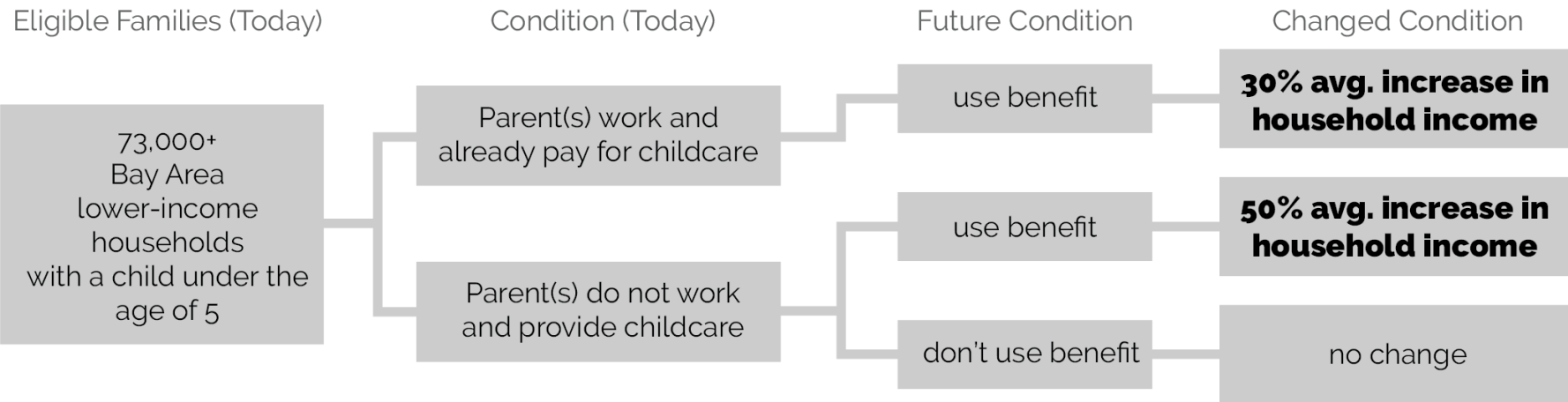
Provide a 50% childcare subsidy to low-income households with children under 5, enabling more parents with young children to remain in (or to enter) the workforce

Create Incubator Programs in Economically Challenged Communities



Fund pre-incubation services (technical assistance for establishing a new business), as well as access to workspaces, mentorship and financing in disadvantaged communities with lower jobs to housing ratios

Potential Impact of Childcare Subsidy



A regional impact fee on office development was effective in focusing office growth, but not in shifting jobs to the East and North Bay.



Apply a VMT-Based Impact Fee on Office Development



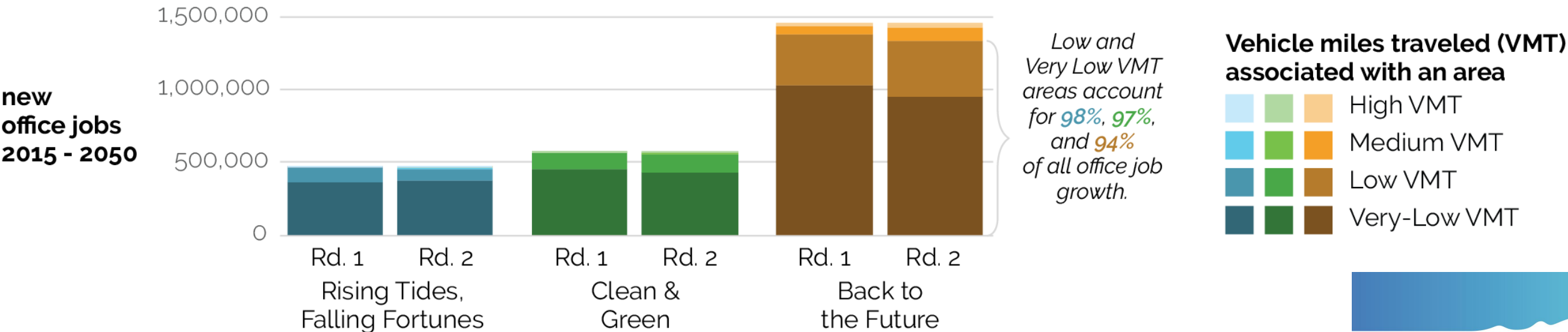
Strategies
(PBA 2040)

Apply a fee on new office development in areas that have high employment-related vehicle miles traveled (VMT), expanding upon a Plan Bay Area 2040 strategy.

Given that this strategy was included in Plan Bay Area 2040, it was studied in both Futures Round 1 and Futures Round 2 - and was very effective in focusing growth in low-VMT places in both analyses.

Further refinements could focus on better tailoring this strategy to reflect county-level conditions - rather than “one size fits all”.

Location of new office-related job growth relative to an area’s associated VMT level





Preliminary Economic Strategies for Plan Bay Area 2050



Strategies for discussion today

Economic Mobility

Expand Childcare Support for Low-Income Families

Create Incubator Programs in Economically-Challenged Areas

Jobs/Housing Imbalance

Implement Regional Office Development Impact Fees

Establish Priority Production Areas to Protect Industrial Lands



Significant revisions needed for inclusion in Plan Bay Area 2050 Blueprint

Expand Construction Workforce Programs

Place Office Caps in Job-Rich Cities

Already advancing into implementation due to state legislative action in 2019.

Provide Portable Benefits for Part-Time/Freelance Workers

PLAN BAY AREA 2050



Environment Findings from Horizon

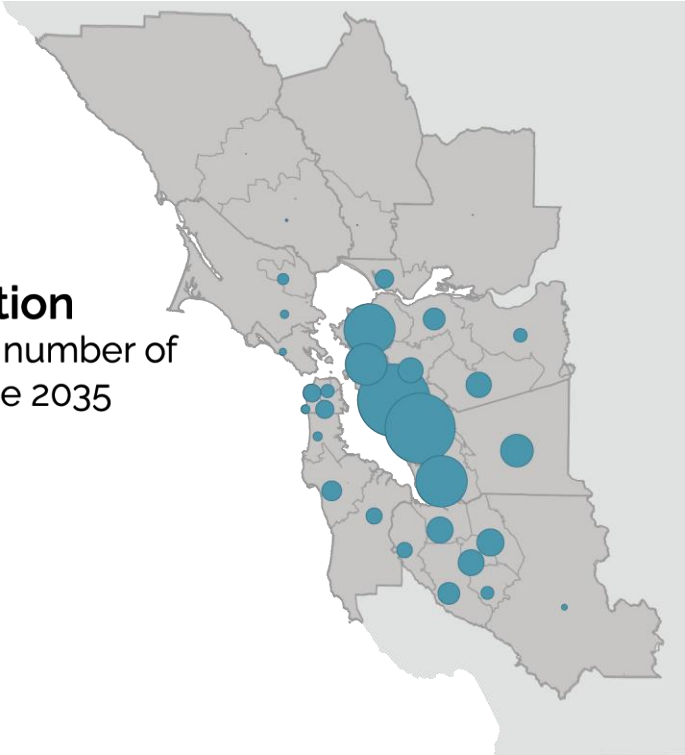
Retrofitting older buildings is effective in decreasing damage from natural disasters across the region.



Retrofit Older Buildings Provides 50% subsidies for older buildings built before current codes to support earthquake, wildfire, energy, and water retrofit strategies.

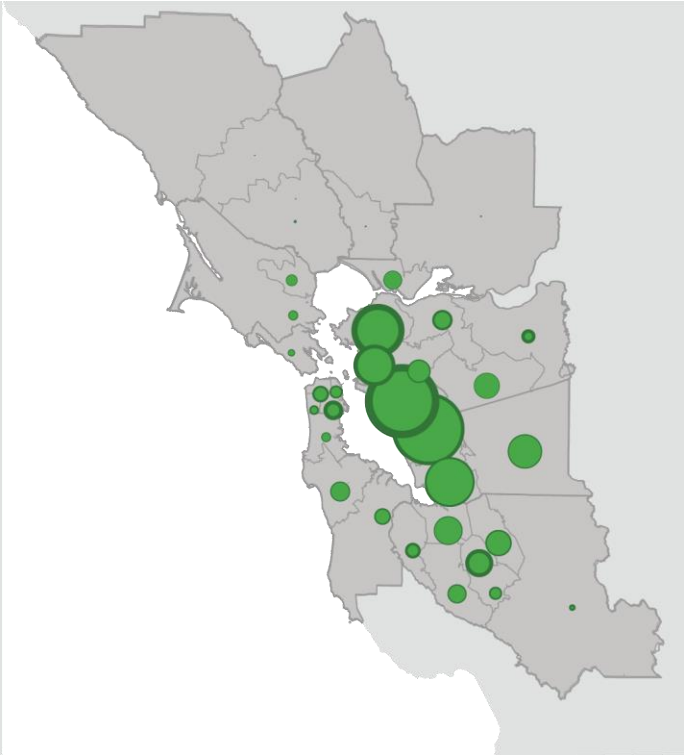
Rising Tides, Falling Fortunes
2035 earthquake

no retrofit in Round 2



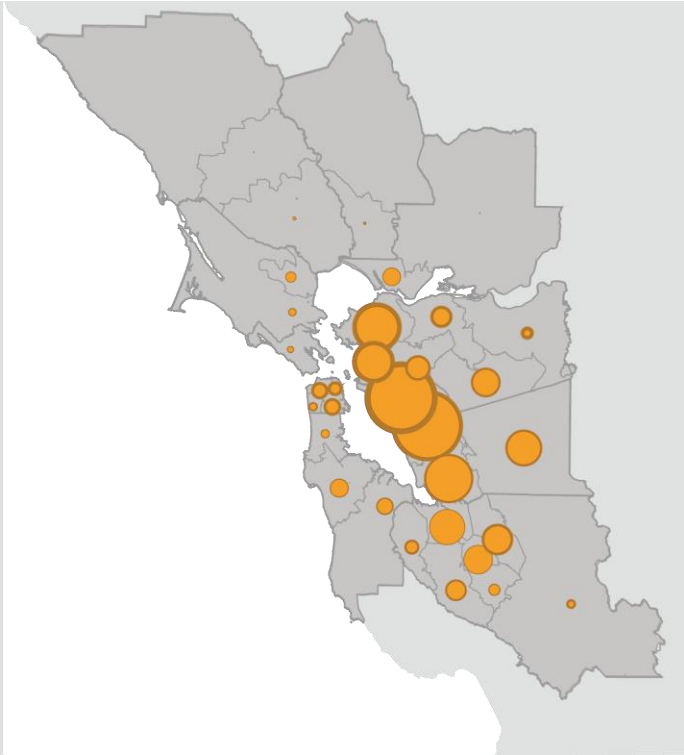
Clean and Green
2035 earthquake

with retrofit in round 2



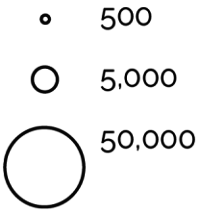
Back to the Future
2035 earthquake

with retrofit in round 2



Damage Distribution

circle area represents number of damaged homes in the 2035 M7.0 earthquake



Dark color shows Round 1 damage, lighter color shows Round 2 damage.

Adapting to sea level rise resulted in significant decrease in flooding risk across the region.



Adapt to Sea Level Rise Leverages existing and new revenues to fund a hybrid set of gray and green infrastructure systems to adapt the region.

Rising Tides, Falling Fortunes

3 feet of sea level rise by 2050

with partial adaptation in Round 2

Clean and Green

1 foot of sea level rise by 2050

with “full” adaptation in round 2

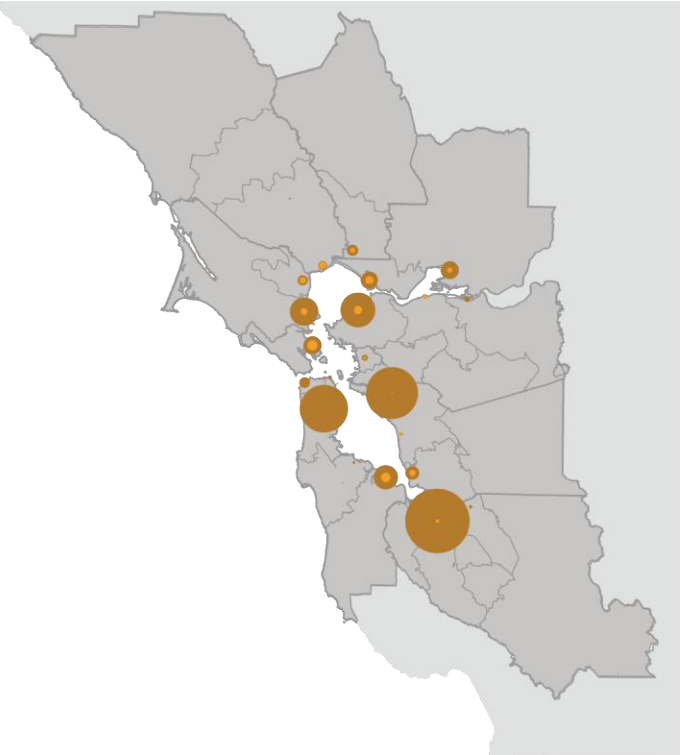
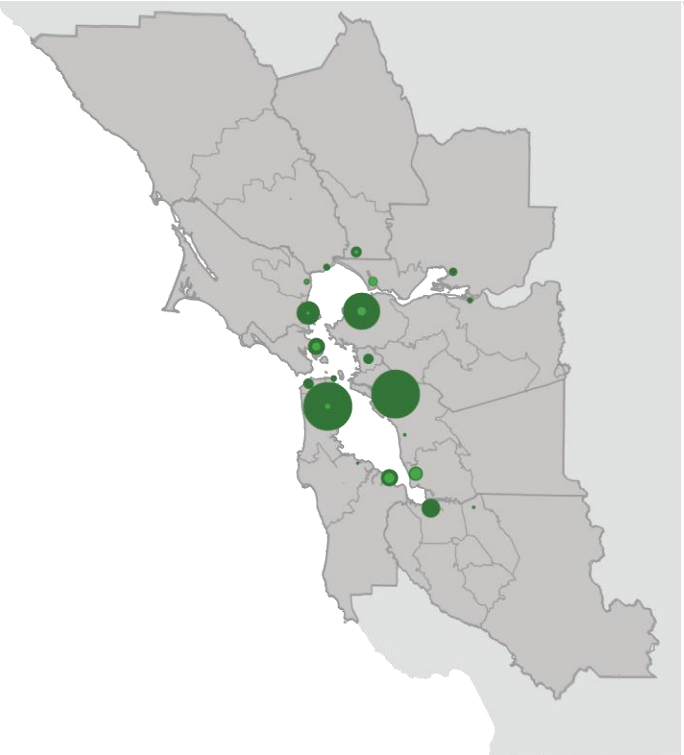
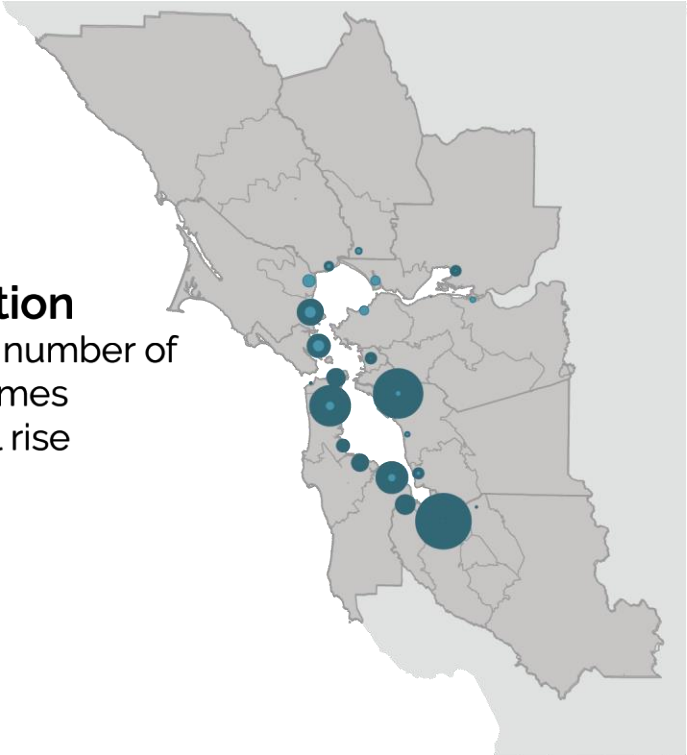
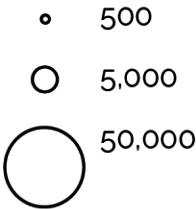
Back to the Future

2 feet of sea level rise by 2050

with “full” adaptation in round 2

Damage Distribution

circle area represents number of existing and future homes damaged by sea level rise



Dark color shows Round 1 flooding, lighter color shows Round 2 flooding.

To curb the loss of natural lands, maintaining urban growth boundaries as well as adapting to sea level rise are both important

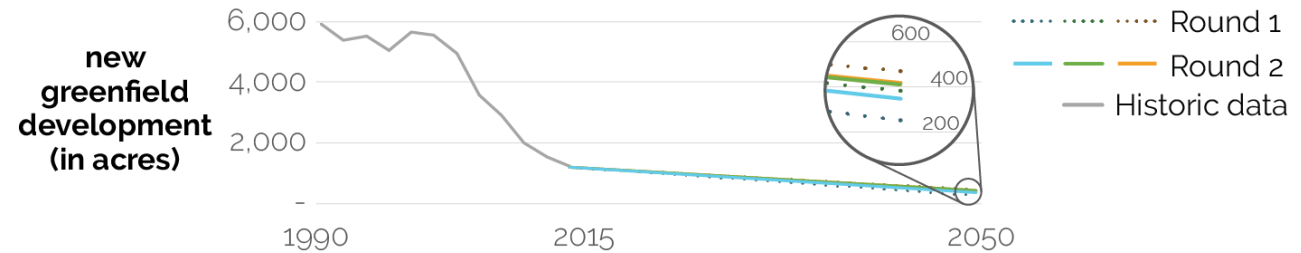


Strategies
(PBA 2040)

Maintain Urban Growth Boundaries

Restrict urban development on greenfield lands, continuing the region's recent commitment to reducing sprawl outward.

Acres of greenfield development annually — historic and projected.

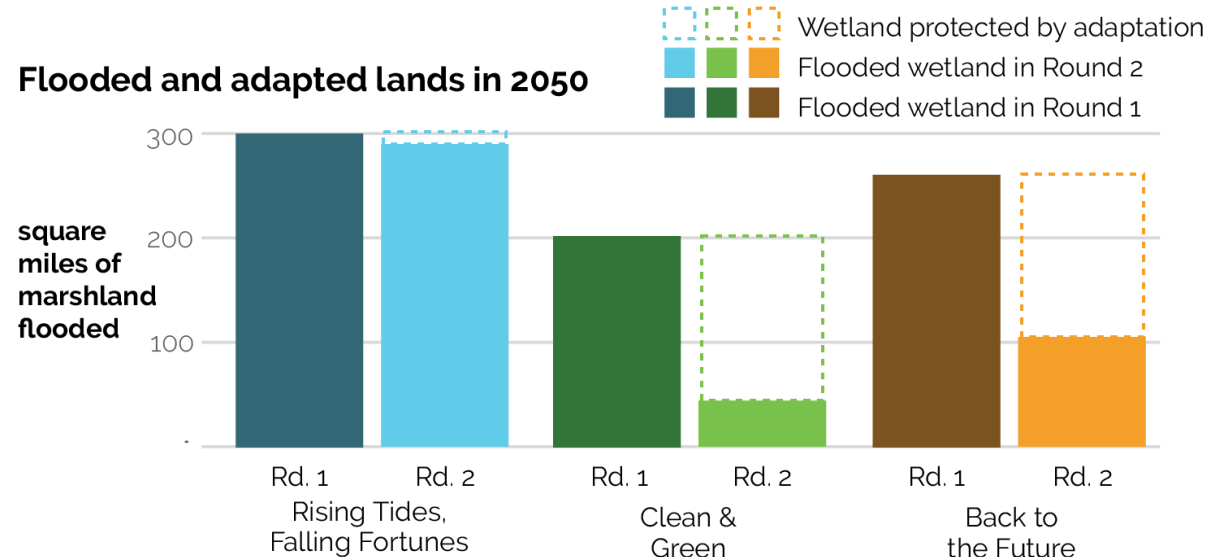


Strategies
(Horizon_{\$\$})

Adapt to Sea Level Rise

Leverages existing and new revenues to fund a hybrid set of gray and green infrastructure systems to adapt the region.

Flooded and adapted lands in 2050





Preliminary Environmental Strategies for Plan Bay Area 2050



Strategies for discussion today

Climate Change Adaptation

Retrofit Older Existing Buildings (Energy, Water, Seismic, Fire)

Adapt to Sea Level Rise

Climate Change Mitigation

Promote Use of Electric Vehicles

Support Shared-Use Mobility Services

Strengthen the Commuter Benefits Program

Natural Land Impacts

Maintain Urban Growth Boundaries



Significant revisions needed
for inclusion in Plan Bay Area
2050 Blueprint

Disaster Recovery

Purchase Disaster Recovery Financing

Questions?

Contact MTC/ABAG staff with any follow-up questions:

- **Dave Vautin**, Plan Bay Area 2050 Project Manager, dvautin@bayareametro.gov
- **Anup Tapase**, Associate Planner, Regional Planning Program, atapase@bayareametro.gov

PLAN BAY AREA 2050

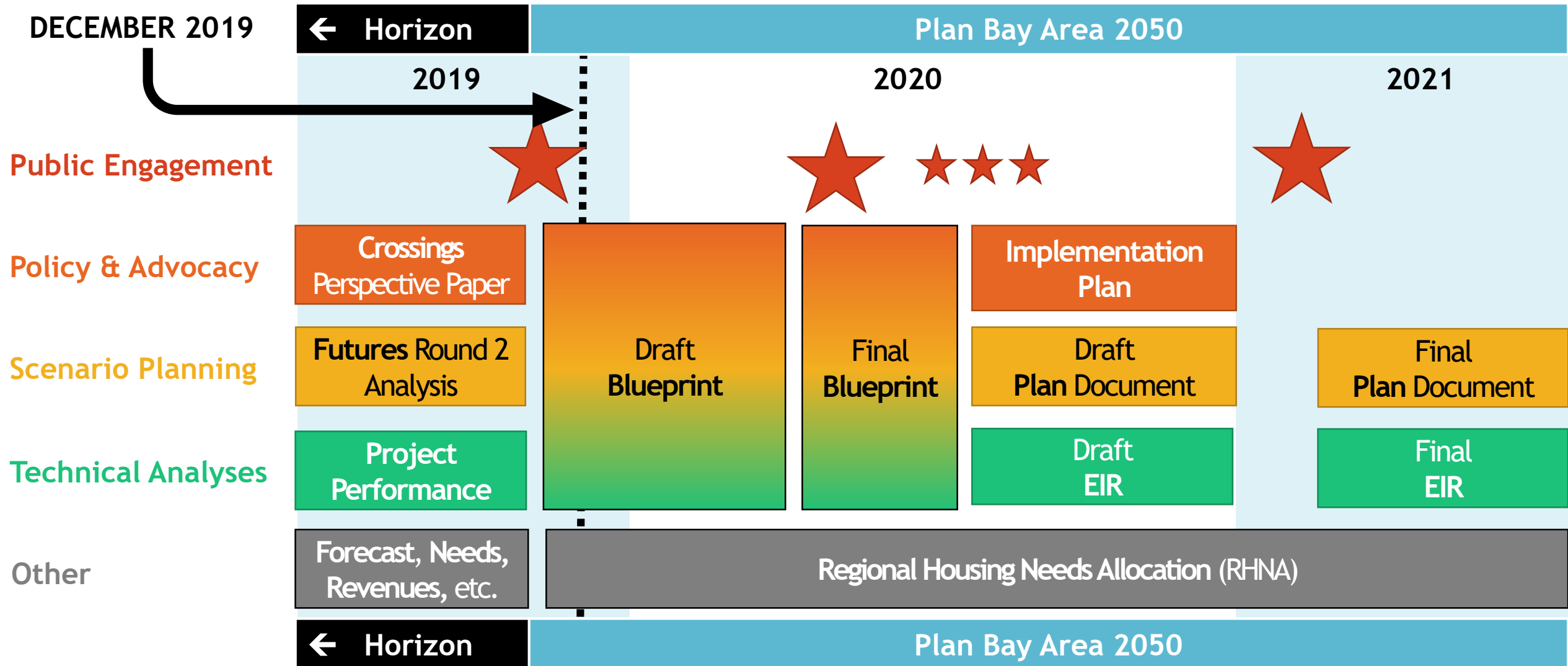
PLAN BAY AREA 2050

TELL US WHAT YOU THINK.

Plan Bay Area 2050 Public Engagement: Round 1 Results To-Date

Regional Equity Working Group Workshop
December 11, 2019

Plan Bay Area 2050 Schedule



Phase I: Plan Bay Area 2050 Engagement

Focus Area

Prioritize high-performing Horizon strategies for consideration in Blueprint

Tactics

1. Pop-up Workshops: 37 locations across the Bay Area
2. Mayor of Bayville: Digital tool used to engage participants online
3. In-depth workshops with partners and stakeholders



Pop-up Workshops

Held 37 pop-ups in six weeks:

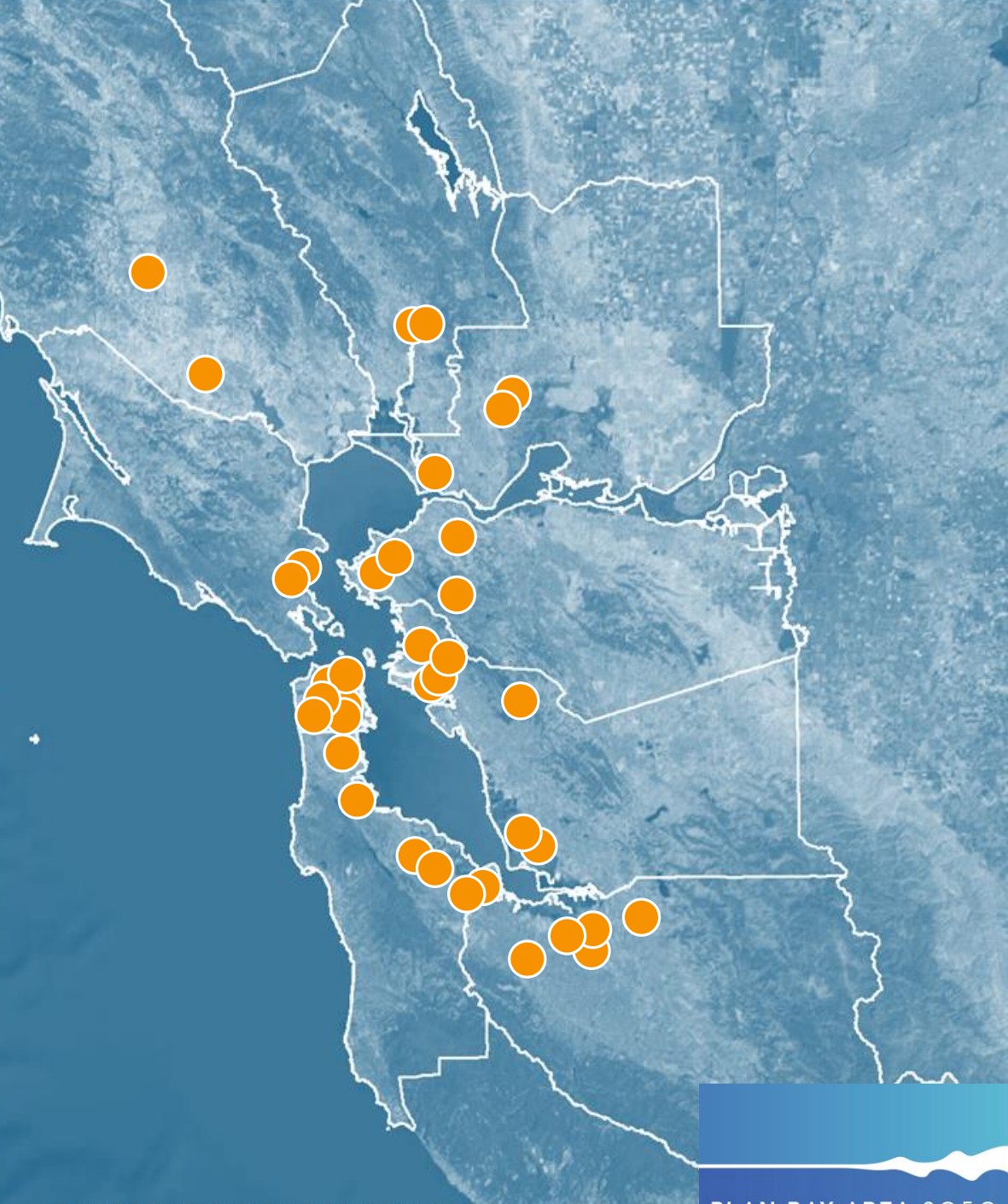
- Held in all nine counties
- Focused on Communities of Concern
- 29 of the pop-ups were held in areas serving Communities of Concern
- Received over 3,000 comments



Pop-up Locations

This Fall MTC/ABAG conducted 37 Pop-up events throughout the nine-county Bay Area

- 29 of those workshops were held in Communities of Concern



Feedback from Pop-ups: Most Popular Strategies



1. Modernize Public Transit

- Improve connections between transit agencies and between modes
- Make services more reliable and frequent
- Electrify regional rail systems



2. Build Affordable Housing

- Build working-class housing so people can live near where they work
- Address homelessness
- Ensure housing is located near high-quality schools (*nexus with high-resource area strategy*)



3. Encourage More Biking & Walking

- Improve safety of bike & pedestrian network
- Expand bicycle infrastructure
- Support connection between personal & environmental health



Feedback from Pop-ups: Least Popular Strategies

Relatively few people disliked the high-performing strategies from Horizon.

90% of comments were supportive of the high-performing strategies from Horizon.



1. Increase Development Fees in Places that Generate Long Auto Trips

- Use incentives rather than disincentives to encourage shift in jobs
- Jobs/housing balance is critical but strategy is confusing



2. Simplify the Development Process to Encourage Housing

- Preserve local control
- Keep and maintain existing properties



Equity Take-aways

Top Concern: Housing Affordability

- Interested in “One-Click list of available affordable housing” (building off of SF model)
- Assistance for lower-income homeownership/wealth building
- Equitable development without displacement
- Prioritize housing for people experiencing homelessness, including wrap-around services

Other Takeaways:

- Childcare subsidies — Important, even at higher income thresholds
- Small business incubators — Small businesses seen to assist low income residents
- Affordability of transportation



Mayor of Bayville Digital Tool

Launched November 6, 2019:

- Uses gamification to get input from public
- Aimed at reaching a younger, less traditional audience
- Promoted via email, MTC/ABAG social media and targeted online advertising

Tool asks participants to solve real-world problems:

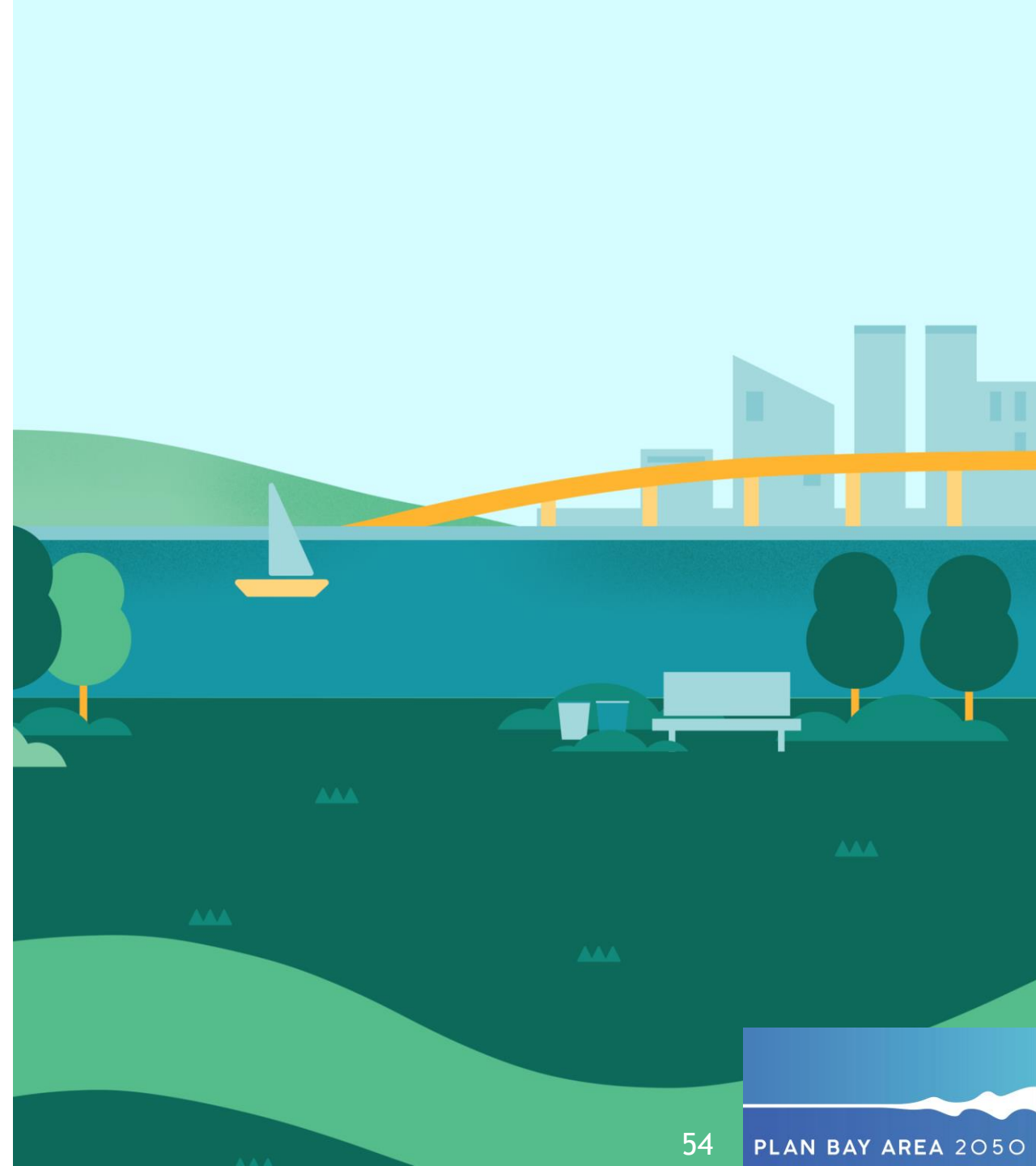
- Each Plan element includes two or three challenges
- Participant selects from a list of strategies to challenge
- Once completed, participant sees how their results compare to others
- Encourage participants to complete all four elements



Mayor of Bayville: Feedback from Public

We have received over 10,000 comments from over 2,500 participants through the tool; it will be live through December 16, 2019.

- **The top strategies include:**
 - Build a network of safe paths for bicycles, e-bikes, scooters, and pedestrians
 - Build and operate a next-generation Bus Rapid Transit network
 - Allow apartments and denser housing around transit stops
- **The least popular strategies include:**
 - Limit new office construction in jobs-rich locations
 - Streamline development in areas that are locally prioritized for growth



Equity in Public Engagement

- **Community-based Organizations:**
 - Ongoing relationships with eight CBOs throughout the Plan
 - Focus groups in spring and in 2021 + other tasks
- Focus on holding events in Communities of Concern, hearing from those not normally in the process
- In-language engagement



Questions?

Contact MTC/ABAG staff with any follow-up questions:

- **Ursula Vogler**, Principal, Public Engagement
uvogler@bayareametro.gov
- **Dave Vautin**, Plan Bay Area 2050 Project Manager,
dvautin@bayareametro.gov



PLAN BAY AREA 2050

10 MINUTE BREAK



Refining Strategies for Equitable Outcomes

Small Group Discussion: Round 1 (55 mins)

Suggested Discussion


5 mins Are there any other issues to address that are not captured here?

10 mins Are there any other strategies to address these issues?

35 mins Deep dive into strategies

Housing			
Housing Costs / Overall Housing Production			
	EQUITY MEANS	IMPORTANT TO INCLUDE	BETTER WITHOUT
Allow a Greater Mix of Housing in Regional Growth Geographies			
Streamline Development in All Regional Growth Geographies			
Transform Aging Malls and Office Parks			
OTHER STRATEGIES			
Affordable Housing Preservation & Production			
	EQUITY MEANS	IMPORTANT TO INCLUDE	BETTER WITHOUT
Fund Affordable Housing Preservation & Production			
Require 10 to 20 Percent of All New Housing to be Affordable			
OTHER STRATEGIES			
OTHER ISSUES			
OTHER STRATEGIES	EQUITY MEANS	IMPORTANT TO INCLUDE	BETTER WITHOUT

Strategy Handouts are available at the tables



Retrofit Older Existing Buildings (Energy, Water, Seismic, Fire)

Climate Change Adaptation

Strategy:
The region could expand local adoption of incentives. evenly betw drought and provide a 5 residential

Potential Impact:

- Could reduce residential earthquake risk for



Adapt to Sea Level Rise

Climate Change Adaptation

Strategy:
The region could adapt its shoreline to near-term sea level rise. A significant portion of the regions existing communities could be protected, as well as key infrastructure and growth areas.

Potential Impact:

- Could protect up to 100,000 homes, and between 100-200,000 jobs
- Expands multi-benefit opportunities
- Allows for ecosystem adaptation and restoration

Challenges to address:

- Sea level rise costs will increase after 2050
- Not all communities and assets are protected
- High adaptation costs of vulnerable infrastructure - for example, SR-37

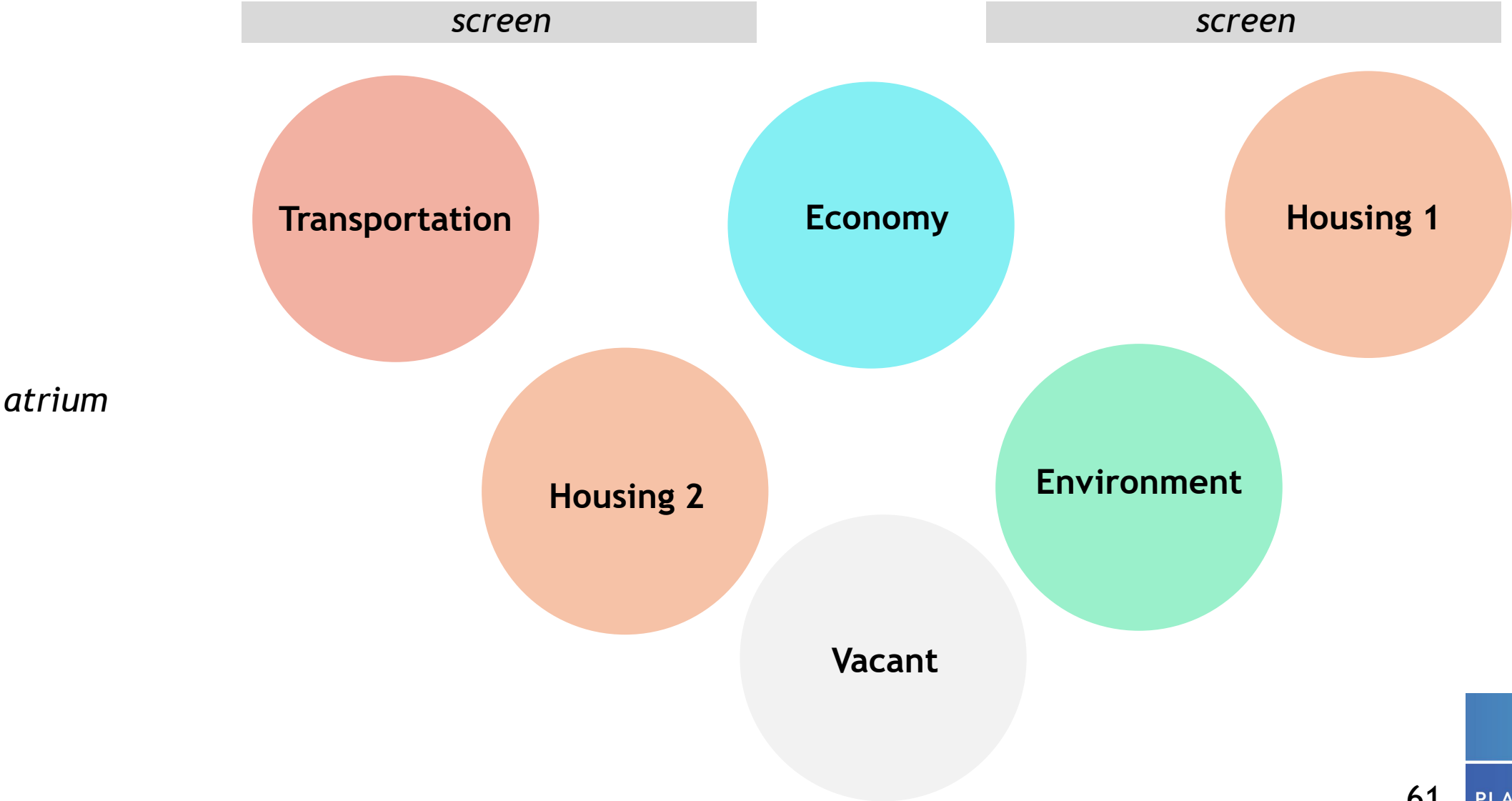
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PLAN BAY AREA 2050

60

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Pick any table!





PLAN BAY AREA 2050

LUNCH

11:30am - 12pm

Refining Strategies for Equitable Outcomes

Small Group Discussion: Round 2 (45 mins)

Suggested Discussion

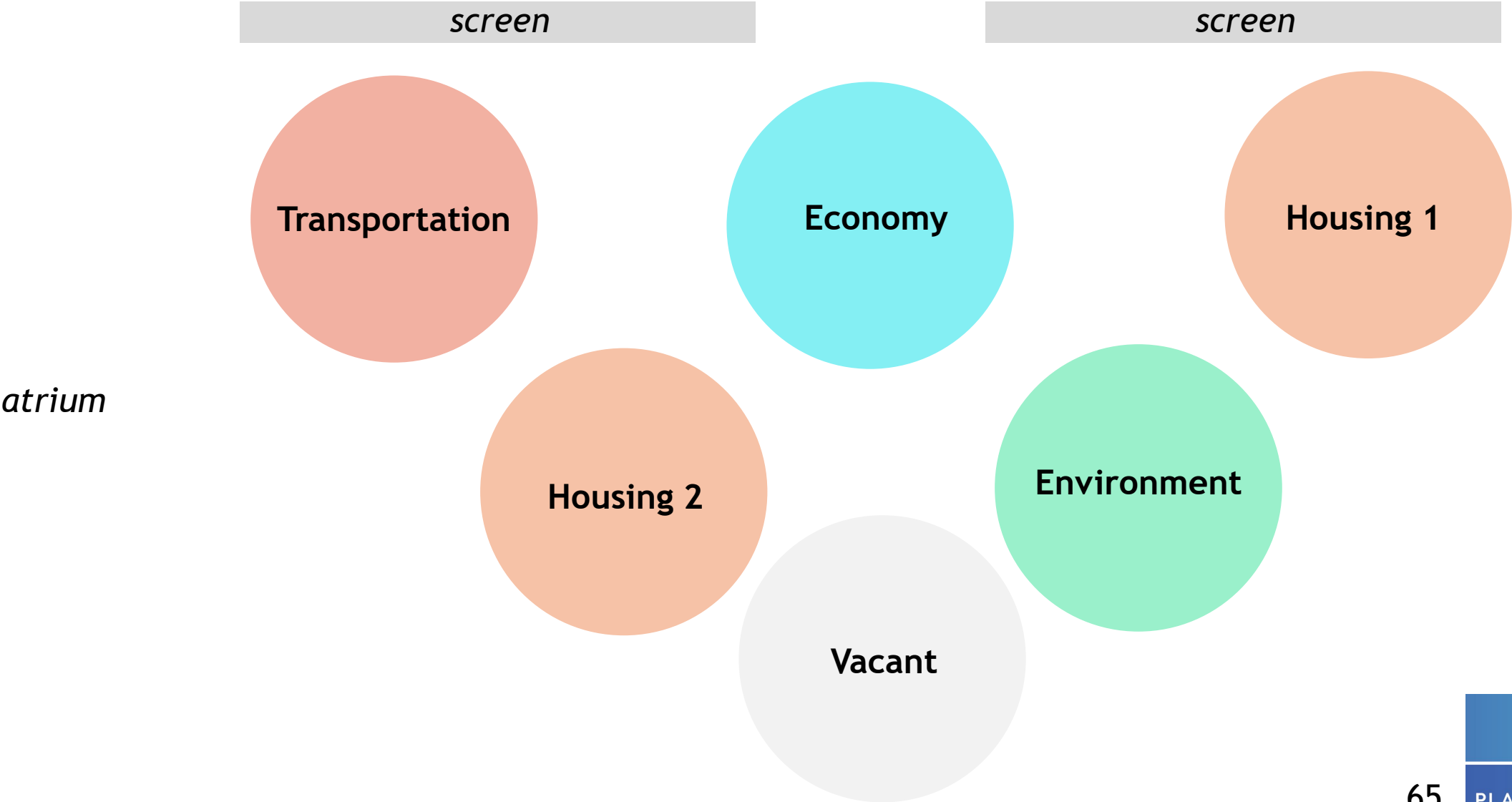
5 mins Are there any other issues to address that are not captured here?

5 mins Are there any other strategies to address these issues?

35 mins Deep dive into strategies

Economy			
Economic Mobility (jobs at all wage levels)			
Expand Childcare Support for Low-Income Families	<u>Important to Include</u>	<u>Better Without</u>	<u>Equity Means</u>
Create Incubator Programs in Economically-Challenged Areas	<u>Important to Include</u>	<u>Better Without</u>	<u>Equity Means</u>
Jobs/Housing Imbalance			
Assess a VMT-based fee on Office Development	<u>Important to Include</u>	<u>Better Without</u>	<u>Equity Means</u>
Establish Priority Production Areas to Protect Industrial Lands	<u>Important to Include</u>	<u>Better Without</u>	<u>Equity Means</u>
Allow a Greater Mix of Housing in Regional Growth Geographies 🏡	<u>Important to Include</u>	<u>Better Without</u>	<u>Equity Means</u>
	<u>Important to Include</u>	<u>Better Without</u>	<u>Equity Means</u>
	<u>Important to Include</u>	<u>Better Without</u>	<u>Equity Means</u>

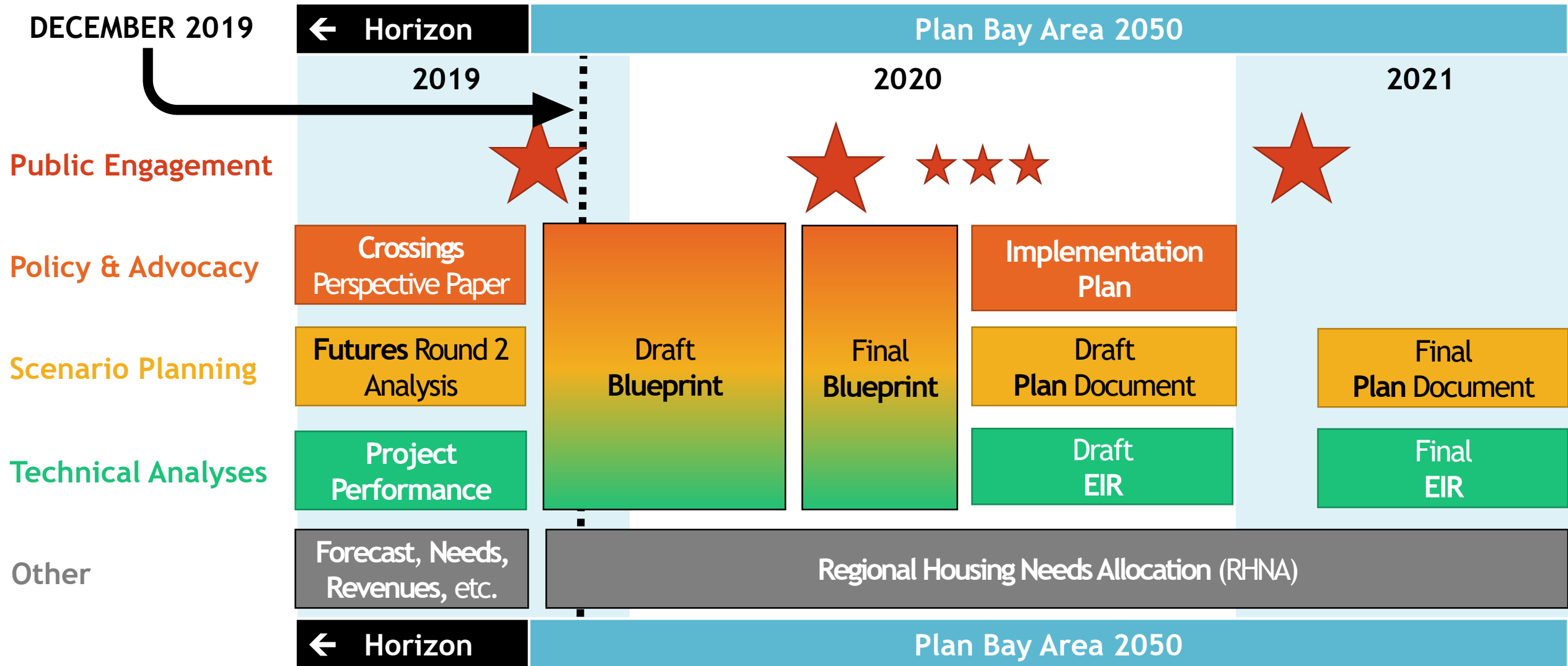
Pick any table!



Next Steps

Dave Vautin, Horizon/PBA 2050 Project Manager
Regional Planning Program

Plan Bay Area 2050 Schedule



Questions?

Contact MTC/ABAG staff with any follow-up questions:

- Dave Vautin, Plan Bay Area 2050 Project Manager, dvautin@bayareametro.gov

Thank You!

www.planbayarea.org