



DATE: May 27, 2021

TO: Transportation Authority of Marin Board of Commissioners

FROM: Anne Richman, Executive Director *Anne Richman*
Derek McGill, Planning Manager

SUBJECT: MTC Presentation on Plan Bay Area 2050 (Discussion), Agenda Item No. 7

RECOMMENDATION

Discussion item only.

BACKGROUND

Every four years, the Metropolitan Transportation Commission (MTC) and the Association of Bay Area Governments (ABAG) are required to develop and adopt a Regional Transportation Plan and Sustainable Communities Strategy (RTP/SCS). The last RTP/SCS, known as Plan Bay Area (PBA) 2040, was adopted in August of 2017. Immediately following the adoption of PBA 2040, MTC staff began development of a scenario planning process, Horizon, and the update to the RTP/SCS known as Plan Bay Area 2050 (PBA 2050).

As the Congestion Management Agency (CMA) for Marin County, TAM is required to coordinate with MTC on the development of the RTP/SCS and to submit projects on behalf of Marin County. In April 2020, the TAM Board accepted its final list of projects for Marin County for consideration in PBA 2050. All TAM submitted projects have all been included in the final PBA 2050 Transportation Projects list included as **Attachment A**.

Since the MTC adoption of the Preferred Alternative in January 2021, MTC staff have drafted environmental reports, an implementation plan and the draft PBA 2050 report. Public outreach will occur in June to announce the release of these reports and solicit public input.

DISCUSSION/ANALYSIS:

Dave Vautin, Assistant Director of Regional Planning at MTC, will present an update of PBA 2050. The presentation provides details about public workshops and hearings MTC is hosting in June and July.

FISCAL CONSIDERATION:

This item has no direct fiscal impact to TAM.

NEXT STEPS:

Public outreach events will occur in June and July to solicit public feedback. TAM will continue to monitor and report on PBA 2050 activities as they pertain to Marin County's transportation interests. The final Plan is scheduled for adoption in Fall 2021.

ATTACHMENTS:

Attachment A: List of PBA 2050 Projects
Attachment B: List of PBA 2050 Strategies
Attachment C: MTC Staff Presentation

Final Blueprint: Transportation Element (Fiscally-Constrained Projects)

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOE\$, Millions)
Maintain & Optimize Existing Infrastructure			
T1. Restore, Operate & Maintain the Existing System			
Accelerate Restoration of Transit Operations to 2019 Levels	Regional	1. 2021-2035	\$3,000
BART Hayward Maintenance Complex Phase 1	Multi County	1. 2021-2035	\$465
BART Seismic Retrofit Program	Multi County	Various	\$1,830
Maintain & Operate Existing Local Streets & Roads	Regional	Various	\$62,100
Maintain & Operate Existing Transit Service	Regional	Various	\$208,000
Maintain Existing Local Bridges	Regional	Various	\$2,550
Maintain Existing Regional "Toll" Bridges	Regional	Various	\$21,900
Maintain Existing State Highways	Regional	Various	\$24,400
Maintain Existing Transit Capital Assets	Regional	Various	\$59,100
Marin Transit Operations & Maintenance Facility	Marin	1. 2021-2035	\$30
VINE Maintenance Facility	Napa	1. 2021-2035	\$40
<i>Other Programmatic Investments to Operate & Maintain the Existing System</i>	Multi County	Various	\$6,830
T2. Support Community-Led Transportation Enhancements in Communities of Concern	Regional	Various	\$8,000
T3. Enable a Seamless Mobility Experience		Various	
Station Access & Mobility Improvements	Multi County	Various	\$2,400
Unified Trip Planning & Fare Payments	Regional	Various	\$1,000
<i>Other Programmatic Investments to Enable a Seamless Mobility Experience</i>	Multi County	Various	\$45
T4. Reform Regional Transit Fare Policy			
Measure B Affordable Fare Program	Santa Clara	Various	\$45
Reform Regional Transit Fare Policy	Regional	Various	\$10,000
T5. Implement Per-Mile Tolling on Congested Freeways with Transit Alternatives	Regional	1. 2021-2035	\$1,000
T6. Improve Interchanges & Address Highway Bottlenecks			
Bay Area Forward Program	Regional	1. 2021-2035	\$950
Dumbarton Bridge West Side Access Improvements	San Mateo	2. 2036-2050	\$60
I-80 Corridor & Interchange Improvements	Contra Costa	Various	\$130
I-80 Corridor & Interchange Improvements	Solano	Various	\$75
I-80 Yerba Buena Island Interchange Improvement	San Francisco	1. 2021-2035	\$280
I-80/I-680/SR-12 Interchange Improvements + Widening Packages 3-5, 6 & 7	Solano	Various Phases	\$660
I-280 Corridor & Interchange Improvements	San Francisco	1. 2021-2035	\$25
I-280 Corridor & Interchange Improvements	Santa Clara	Various	\$595
I-380 Corridor & Interchange Improvements	San Mateo	1. 2021-2035	\$45
I-580 Corridor & Interchange Improvements	Alameda	Various	\$315
I-680 Corridor & Interchange Improvements	Alameda	2. 2036-2050	\$45
I-680 Corridor & Interchange Improvements	Contra Costa	2. 2036-2050	\$35
I-680 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$95
I-680/SR-4 Interchange Improvements Phases 1, 2, 4, 5	Contra Costa	Various Phases	\$440
I-880 Corridor & Interchange Improvements	Alameda	1. 2021-2035	\$530
I-880 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$20
Richmond-San Rafael Bridge East Side Access Improvements	Contra Costa	1. 2021-2035	\$115
Richmond-San Rafael Bridge Reserve for Post Pilot Recommendation	Multi County	1. 2021-2035	\$60
Soscol Junction Improvements	Napa	1. 2021-2035	\$60
SR-4 Integrated Corridor Mobility	Contra Costa	2. 2036-2050	\$25
SR-4 Operational Improvements	Contra Costa	Various Phases	\$230
SR-4/Vasco Road Widening	Contra Costa	2. 2036-2050	\$510
SR-17 Corridor & Interchange Improvements	Santa Clara	1. 2021-2035	\$50
SR-24 Corridor & Interchange Improvements	Contra Costa	2. 2036-2050	\$40
SR-29 Corridor Improvements	Napa	Various Phases	\$105
SR-37 Interim Project (e.g., Widening + Tolling)	Multi County	1. 2021-2035	\$740
SR-85 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$80
SR-87 Corridor & Interchange Improvements	Santa Clara	2. 2036-2050	\$85
SR-92 Corridor & Interchange Improvements	Alameda	1. 2021-2035	\$40
SR-152 Environmental Studies for New Alignment	Contra Costa	1. 2021-2035	\$50
SR-237 Corridor & Interchange Improvements	Santa Clara	Various	\$415
SR-239 Feasibility Studies & Project Development	Contra Costa	1. 2021-2035	\$30
SR-242 Corridor & Interchange Improvements	Contra Costa	2. 2036-2050	\$90
SR-262 Safety & Interchange Improvements Phase 1	Alameda	2. 2036-2050	\$445
U.S. 101 Corridor & Interchange Improvements	San Mateo	1. 2021-2035	\$900
U.S. 101 Corridor & Interchange Improvements	Santa Clara	Various	\$1,170
U.S. 101 Corridor & Interchange Improvements	Sonoma	1. 2021-2035	\$240
U.S. 101 Marin-Sonoma Narrows	Multi County	1. 2021-2035	\$140
U.S. 101/I-580 Direct Connector	Marin	1. 2021-2035	\$171
Vasco Road/Byron Highway New Connector Road	Contra Costa	2. 2036-2050	\$185
<i>Other Programmatic Investments to Improve Interchanges & Address Highway Bottlenecks</i>	Regional	Various	\$620
T7. Advance Other Regional Programs & Local Priorities			

Final Blueprint: Transportation Element (Fiscally-Constrained Projects)

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, Millions)
66 7th Street Grade Separation East	Alameda	1. 2021-2035	\$315
67 7th Street Grade Separation West	Alameda	1. 2021-2035	\$310
68 511 Bay Area Program	Regional	2. 2036-2050	\$340
69 All Electronic Tolling	Regional	2. 2036-2050	\$200
70 Carpool/Vanpool Program	Regional	2. 2036-2050	\$800
71 Cost Contingency/Reserve	Regional	Various	\$2,000
72 Decoto Road Multimodal "Complete Street" Corridor	Alameda	1. 2021-2035	\$20
73 Goods Movement & Rail Safety	Alameda	Various	\$1,550
74 I-80 Westbound Truck Scales	Solano	1. 2021-2035	\$250
75 Management Systems, Travel Demand Management & Emission Reduction Technologies	Regional	Various	\$1,280
76 Minor Highway/Roadway Improvements (inclusive of local roadway widenings)	Regional	Various	\$5,280
77 Motorist Aid Services	Regional	2. 2036-2050	\$520
78 Oakland Army Base Infrastructure Improvements	Alameda	1. 2021-2035	\$300
79 Quarry Lakes Parkway	Alameda	Various Phases	\$210
80 Regional Communications Network	Regional	2. 2036-2050	\$600
81 Regional Planning/Programs	Regional	2. 2036-2050	\$3,000
82 <i>Other Programmatic Investments to Advance Other Regional Programs & Local Priorities</i>	Regional	Various	\$640
83			
84 Create Healthy & Safe Streets			
85 T8. Build a Complete Streets Network			
86 * Bay Skyway	Multi County	2. 2036-2050	\$585
87 * Better Market Street	San Francisco	1. 2021-2035	\$300
88 Build A Complete Streets Network	Regional	Various	\$7,000
89 <i>Other Programmatic Investments to Build a Complete Streets Network</i>	Regional	Various	\$5,140
90 T9. Advance Regional Vision Zero Policy through Street Design & Reduced Speeds			
91 Advance Regional Vision Zero Policy through Street Design & Reduced Speeds	Regional	2. 2036-2050	\$1,000
92 <i>Other Programmatic Investments to Advance Regional Vision Zero Policy</i>	Regional	Various	\$3,460
93			
94 Enhance Regional & Local Transit			
95 T10. Enhance Local Transit Frequency, Capacity & Reliability			
96 AC Transit 23rd Street Corridor Rapid/Bus Rapid Transit	Contra Costa	1. 2021-2035	\$260
97 AC Transit Alameda Point Transit Network	Alameda	1. 2021-2035	\$500
98 AC Transit E 14th/Mission & Fremont Blvd Multimodal Corridor	Alameda	1. 2021-2035	\$330
99 AC Transit Local Service Frequency Increase	Multi County	1. 2021-2035	\$3,760
100 AC Transit Rapid Network	Multi County	Various	\$2,000
101 AC Transit San Pablo Bus Rapid Transit	Multi County	1. 2021-2035	\$300
102 County Connection Bus Service Expansion	Contra Costa	2. 2036-2050	\$35
103 NVTA Expanded Bus Frequencies	Napa	Various	\$165
104 SamTrans El Camino Bus Rapid Transit	San Mateo	2. 2036-2050	\$350
105 San Francisco Downtown San Francisco Congestion Pricing	San Francisco	1. 2021-2035	\$1,090
106 San Jose Downtown Coordinated Area Plan & Transit Center Improvements	Santa Clara	2. 2036-2050	\$300
107 San Rafael Transit Center Relocation	Marin	1. 2021-2035	\$50
108 SFMTA Geary Bus Rapid Transit Phase 2	San Francisco	1. 2021-2035	\$685
109 SFMTA Geneva-Harney Bus Rapid Transit	San Francisco	1. 2021-2035	\$70
110 SFMTA Historic Streetcar Extension - Fort Mason to 4th & King	San Francisco	1. 2021-2035	\$70
111 SFMTA Muni Forward	San Francisco	1. 2021-2035	\$2,630
112 SFMTA Southeast San Francisco Transit Improvements	San Francisco	1. 2021-2035	\$635
113 SFMTA T-Third Phase II: Central Subway	San Francisco	1. 2021-2035	\$225
114 ** SFMTA Train Control Upgrade (Core Capacity)	San Francisco	1. 2021-2035	\$690
115 SFMTA Transit Fleet Expansion Buses	San Francisco	1. 2021-2035	\$260
116 SFMTA Transit Fleet Expansion Facilities	San Francisco	1. 2021-2035	\$295
117 SFMTA Transit Fleet Expansion Light Rail Vehicle (Core Capacity)	San Francisco	1. 2021-2035	\$205
118 SFMTA Van Ness Avenue Bus Rapid Transit	San Francisco	1. 2021-2035	\$1,580
119 Sonoma County Service Frequency Increase	Sonoma	1. 2021-2035	\$330
120 STA Solano Express Bus to BRT-lite	Solano	1. 2021-2035	\$25
121 Transit Extension (BRT) from Hillcrest eBART to Brentwood Intermodal Station	Contra Costa	2. 2036-2050	\$295
122 Treasure Island Congestion Pricing + New Ferry Service (WETA)	San Francisco	1. 2021-2035	\$1,300
123 VTA Extend Light Rail Transit from Eastridge to BART Regional Connector	Santa Clara	1. 2021-2035	\$590
124 VTA Extend Light Rail Transit from Winchester Station to SR-85 (Vasona Junction)	Santa Clara	2. 2036-2050	\$555
125 VTA Fast Transit Implementation	Santa Clara	2. 2036-2050	\$300
126 VTA High Capacity Transit Corridors	Santa Clara	Various	\$500
127 VTA Implement El Camino Rapid Transit	Santa Clara	2. 2036-2050	\$25
128 VTA Light Rail Modernization and Grade Separation Diridon to North San Jose	Santa Clara	2. 2036-2050	\$8,500
129 VTA Measure B Frequent Core Bus Network - 15 minutes	Santa Clara	2. 2036-2050	\$660
130 VTA SR 85 Corridor Improvements - Measure B	Santa Clara	2. 2036-2050	\$350
131 VTA Stevens Creek Rail	Santa Clara	2. 2036-2050	\$2,830

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Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, Millions)
<i>Other Programmatic Investments to Enhance Local Transit Frequency, Capacity & Reliability</i>	Regional	Various	\$1,600
T11. Expand and Modernize the Regional Rail Network			
*** ACE Service Frequency Increase 8 Trains Per Day	Multi County	Various Phases	\$400
ACE/Capitol Corridor Capital Projects to Enhance Rail Service to Santa Clara (e.g. Alviso Wetlands)	Santa Clara	1. 2021-2035	\$200
BART Bay Fair Connection	Alameda	1. 2021-2035	\$235
BART Irvington Station	Alameda	1. 2021-2035	\$230
BART Rail Vehicle Expansion Procurement Phase 3	Multi County	1. 2021-2035	\$630
BART Service to Silicon Valley Phase II	Santa Clara	1. 2021-2035	\$10,100
BART System Expansion & Capacity Improvements	Multi County	Various	\$8,010
BART Transit Operations Facility	Multi County	Various	\$135
Caltrain Downtown Extension	San Francisco	1. 2021-2035	\$3,940
Caltrain Electricification	Multi County	1. 2021-2035	\$1,980
Caltrain Enhanced Frequency 8 Trains Per Hour	Multi County	2. 2036-2050	\$2,840
Caltrain Grade Separations	Multi County	Various	\$5,760
Capitol Corridor South Bay Connect	Alameda	1. 2021-2035	\$265
Diridon Station Improvements	Santa Clara	2. 2036-2050	\$3,250
Dumbarton Rail Group Rapid Transit	Multi County	2. 2036-2050	\$3,840
Ferry Service Antioch, Martinez & Hercules to San Francisco	Contra Costa	1. 2021-2035	\$110
GGBHTD Ferry Service Enhancements	Multi County	1. 2021-2035	\$485
High Speed Rail Millbrae SFO Station	San Mateo	1. 2021-2035	\$40
Millbrae SFO Guideway Improvement	San Mateo	1. 2021-2035	\$175
Mineta San Jose International Airport Connector Automated People Mover	Santa Clara	2. 2036-2050	\$500
Regional Hovercraft Pilot Project	San Mateo	1. 2021-2035	\$165
SMART Extension to Windsor	Sonoma	1. 2021-2035	\$142
Transbay Rail New San Francisco-Oakland Crossing	Multi County	2. 2036-2050	\$28,800
Valley Link New Bay Area Service	Alameda	1. 2021-2035	\$2,910
WETA Berkeley-San Francisco Ferry	Multi County	1. 2021-2035	\$300
WETA Existing Ferry Service Enhancement	Multi County	1. 2021-2035	\$1,480
WETA Mission Bay-East & North Bay Ferry	Multi County	1. 2021-2035	\$270
WETA Redwood City-San Francisco-Oakland Ferry	Multi County	1. 2021-2035	\$470
<i>Other Programmatic Investments to Expand & Modernize the Regional Rail Network</i>	Regional	Various	\$750
T12. Build an Integrated Regional Express Lane and Express Bus Network			
AC Transit Transbay Service Increase Phase 1	Multi County	Various Phases	\$230
GGBHTD Bus Service Enhancements	Multi County	1. 2021-2035	\$395
I-80 Express Bus Service Improvements Phase 1	Contra Costa	1. 2021-2035	\$280
I-80 Express Lanes Implementation	Alameda	Various Phases	\$220
I-80 Express Lanes Implementation	Solano	Various Phases	\$570
I-280 Express Lanes Implementation	Santa Clara	2. 2036-2050	\$130
I-580 Express Lanes Implementation	Alameda	1. 2021-2035	\$255
I-680 Express Bus Service and Transit Improvements	Contra Costa	1. 2021-2035	\$230
I-680 Express Bus Service to Silicon Valley	Alameda	1. 2021-2035	\$170
I-680 Express Lanes Implementation	Alameda	Various Phases	\$675
I-680 Express Lanes Implementation	Contra Costa	1. 2021-2035	\$560
I-680 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$50
I-880 Express Lanes Implementation	Alameda	Various Phases	\$395
I-880 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$70
NVTA Express Bus Enhancements + Express Buses	Napa	1. 2021-2035	\$45
ReX Blue Line (Basic Express Bus from San Francisco to San Jose)	Multi County	1. 2021-2035	\$635
ReX Green Line (Premium Express Bus from Vallejo to SFO Airport)	Multi County	1. 2021-2035	\$1,220
ReX Red Line (Basic Express Bus from Oakland to Redwood City)	Multi County	1. 2021-2035	\$635
SamTrans New Regional Express Bus Routes	San Mateo	1. 2021-2035	\$480
SFMTA Express Bus Service on Express Lanes	San Francisco	1. 2021-2035	\$240
SR-4 Express Lanes Implementation	Contra Costa	1. 2021-2035	\$75
SR-84 Express Lanes Implementation	Alameda	2. 2036-2050	\$10
SR-85 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$230
SR-85/U.S. 101 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$50
SR-92 Express Lanes Implementation	Alameda	2. 2036-2050	\$15
SR-237 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$45
U.S. 101 Bus Service on Shoulder	Marin	1. 2021-2035	\$10
U.S. 101 Express Lanes Implementation	San Mateo	1. 2021-2035	\$405
U.S. 101 Express Lanes Implementation	Santa Clara	1. 2021-2035	\$560
U.S. 101/I-280 Express Lanes Implementation	San Francisco	1. 2021-2035	\$210
Reduce Risks from Hazards (transportation projects only)			
EN1. Adapt to Sea Level Rise			
BART Climate Adaptation/Resiliency & Sustainability Program	Multi County	2. 2036-2050	\$360

Final Blueprint: Transportation Element (Fiscally-Constrained Projects)

Project Title/Program	County	Anticipated Project Opening	Total Cost (YOES, Millions)	
193 I-580/US-101/SMART Sea Level Rise Resilience Project	Marin	1. 2021-2035	\$1,045	198
194 SR-37 Long-Term Project (e.g., Sea Level Rise Resilience)	Multi County	2. 2036-2050	\$5,120	199
195 SR-84 Sea Level Rise Resilience Project	Alameda	2. 2036-2050	\$230	200
196 SR-237/VTA Sea Level Rise Resilience Project	Santa Clara	1. 2021-2035	\$180	201
197 US-101 Peninsula Sea Level Rise Resilience Project	San Mateo	2. 2036-2050	\$280	202
198 I-880 Sea Level Rise Resilience Project	Alameda	1. 2021-2035	\$50	203
199				204
200 Reduce Climate Emissions (transportation projects only)				205
201 EN8. Expand Clean Vehicle Initiatives	Regional	Various	\$4,500	206
202 EN9. Expand Transportation Demand Management Strategies	Regional	Various	\$500	207

Notes:

- * Costs overlap with regional program to build a complete streets network.
 - ** Costs overlap with regional program to maintain existing transit capital assets.
 - *** Capital costs overlap with capital projects program to enhance rail service to Santa Clara.
- Other 'Programmatic Investments' will be listed as projects or organized into programmatic categories for final Plan adoption.
This transportation project list is contingent on the inclusion of revenues from a regional all-lane tolling strategy.

A BLUEPRINT FOR THE BAY AREA'S FUTURE



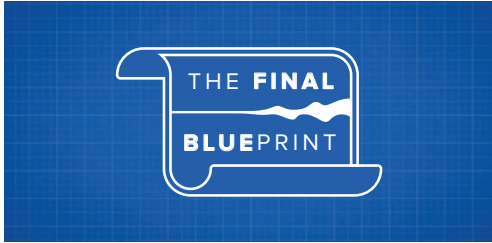
What is Plan Bay Area 2050?

Plan Bay Area 2050 is the long-range plan now being developed by the Metropolitan Transportation Commission and the Association of Bay Area Governments to guide the growth of our nine-county region for the next generation. Scheduled for completion in 2021, the plan integrates strategies for transportation, housing, the environment and the economy.

What requirements must Plan Bay Area 2050 meet?

The plan must work to advance the Vision and Guiding Principles adopted by MTC and ABAG in 2019 — to ensure that the Bay Area in 2050 is more affordable, connected, diverse, healthy and vibrant for all. Furthermore, among many statutory requirements, the plan must meet or exceed a 19 percent per capita greenhouse gas (GHG) emissions reduction target for light-duty vehicles by 2035, while planning for sufficient housing at all income levels.

What is the Final Blueprint?



The Final Blueprint integrates 35 bold, equitable and resilient strategies—building upon the predecessor Horizon Initiative—to tackle the region’s transportation, housing, economic and environmental challenges.

What is a “strategy”?



A strategy is either a public policy or set of investments that can be implemented in the Bay Area over the next 30 years. A strategy is not a near-term action, a mandate for a jurisdiction or agency, or a legislative proposal. In addition, because Plan Bay Area 2050 must be fiscally constrained, not every strategy can be integrated into the plan given finite available revenues.

Who implements these strategies?



Strategies in Plan Bay Area 2050 can be implemented at the local, regional, or state levels. Specific implementation actions and the role for MTC and ABAG are being identified through a collaborative Implementation Plan process between fall 2020 and summer 2021. See inside to learn more about the Final Blueprint strategies.

Four Elements of Plan Bay Area 2050



TRANSPORTATION





HOUSING





ECONOMY





ENVIRONMENT





Key Milestones

SPRING

- Analyze Draft Blueprint Outcomes

SUMMER

- Convene Public and Stakeholder Workshops
- Revise Strategies for Final Blueprint

FALL

- Adopt Final Blueprint
- Advance to Environmental Impact Report (EIR)

WINTER

- Conduct Environmental Analysis
- Develop Implementation Plan



FINAL BLUEPRINT STRATEGIES



Transportation Strategies – Cost : \$579 Billion

Maintain and Optimize the Existing System

Restore, Operate and Maintain the Existing System. Commit to operate and maintain the Bay Area's roads and transit infrastructure, while restoring transit service frequencies to 2019 levels no later than 2035.

\$390
BILLION



Support Community-Led Transportation Enhancements in Communities of Concern. Provide direct funding to historically marginalized communities to fund locally identified transportation needs.

\$8
BILLION

Enable a Seamless Mobility Experience. Eliminate barriers to multi-operator transit trips by streamlining fare payment and trip planning, while requiring schedule coordination at timed transfer hubs.

\$3
BILLION

Reform Regional Transit Fare Policy. Streamline fare payment and replace existing operator- specific discounted fare programs with an integrated fare structure across all transit operators.

\$10
BILLION

Implement Per-Mile Tolling on Congested Freeways with Transit Alternatives. Apply a per-mile charge on auto travel on select congested freeway corridors where transit alternatives exist, with discounts for carpoolers, low-income residents, and off-peak travel, with excess revenues reinvested into transit alternatives in the corridor.

\$1
BILLION

Improve Interchanges and Address Highway Bottlenecks. Rebuild interchanges and widen key highway bottlenecks to achieve short-to-medium-term congestion relief.

\$11
BILLION

Advance Other Regional Programs and Local Priorities. Fund regional programs like Clipper and 511, while supporting local transportation investments on arterials and local streets.

\$18
BILLION

Create Healthy and Safe Streets

Build a Complete Streets Network. Enhance streets to promote walking, biking, and other micro-mobility through sidewalk improvements, car-free slow streets, and 10,000 miles of bike lanes or multi-use paths.

\$13
BILLION



Advance Regional Vision Zero Policy through Street Design and Reduced Speeds. Reduce speed limits to 20 to 35 miles per hour on local streets and 55 miles per hour on freeways, relying on design elements on local streets and automated speed enforcement on freeways.

\$4
BILLION

Build a Next-Generation Transit Network

Enhance Local Transit Frequency, Capacity and Reliability. Improve the quality and availability of local bus and light rail service, with new bus rapid transit lines, South Bay light rail extensions, and frequency increases focused in lower-income communities.

\$31
BILLION



Expand and Modernize the Regional Rail Network. Better connect communities while increasing frequencies by advancing a New Transbay Rail Crossing, BART to Silicon Valley Phase 2, Valley Link and Caltrain/High-Speed Rail Grade Separations, among other projects.




\$81
BILLION

Build an Integrated Regional Express Lane and Express Bus Network. Complete the buildout of the Regional Express Lanes Network to provide uncongested freeway lanes for expanded express bus services, carpools and toll-paying solo drivers.

\$9
BILLION



Housing Strategies – Cost : \$468 Billion

<p>Protect and Preserve Affordable Housing</p>	<p>Further Strengthen Renter Protections Beyond State Legislation. Building upon recent tenant protection laws, limit annual rent increases to the rate of inflation, while exempting units less than 10 years old.</p>	<p>\$2 BILLION</p>
	<p>Preserve Existing Affordable Housing. Acquire homes currently affordable to low- and middle-income residents for preservation as permanently deed-restricted affordable housing.</p>	<p>\$237 BILLION</p>
<p>Spur Housing Production at All Income Levels</p>	<p>Allow a Greater Mix of Housing Densities and Types in Growth Geographies. Allow a variety of housing types at a range of densities to be built in Priority Development Areas, select Transit-Rich Areas, and select High-Resource Areas.</p>	<p>N/A</p>
	<p>Build Adequate Affordable Housing to Ensure Homes for All. Construct enough deed-restricted affordable homes necessary to fill the existing gap in housing for the unhoused community and to meet the needs of low-income households.</p>	<p>\$219 BILLION</p>
	<p>Integrate Affordable Housing into All Major Housing Projects. Require a baseline of 10 to 20 percent of new market-rate housing developments of 5 units or more to be affordable to low-income households.</p>	<p>N/A</p>
<p>Create Inclusive Communities</p>	<p>Provide Targeted Mortgage, Rental and Small Business Assistance to Communities of Concern. Provide assistance to low-income communities and communities of color to address the legacy of exclusion and predatory lending, while helping to grow locally owned businesses.</p>	<p>\$10 BILLION</p>
	<p>Accelerate Reuse of Public and Community-Owned Land for Mixed-Income Housing and Essential Services. Help public agencies, community land trusts and other non-profit landowners to accelerate development of mixed-income affordable housing.</p>	<p>N/A</p>



Economic Strategies – Cost : \$234 Billion

<p>Improve Economic Mobility</p>	<p>Implement a Statewide Universal Basic Income. Provide an average \$500 per month payment to all Bay Area households to improve family stability, promote economic mobility and increase consumer spending.</p>	<p>\$205 BILLION</p>
	<p>Expand Job Training and Incubator Programs. Fund assistance programs for establishing a new business, as well as job training programs, primarily in historically disinvested communities.</p>	<p>\$5 BILLION</p>
<p>Shift the Location of Jobs</p>	<p>Allow Greater Commercial Densities in Growth Geographies. Allow greater densities for new commercial development in select Priority Development Areas and select Transit-Rich Areas to encourage more jobs to locate near public transit.</p>	<p>N/A</p>
	<p>Provide Incentives to Employers to Shift Jobs to Housing-Rich Areas Well Served by Transit. Provide subsidies to encourage employers to relocate offices to housing-rich areas near regional rail stations.</p>	<p>\$10 BILLION</p>
	<p>Retain and Invest in Key Industrial Lands. Implement local land use policies to protect key industrial lands identified as Priority Production Areas, while funding key infrastructure improvements in these areas.</p>	<p>\$4 BILLION</p>



Environmental Strategies – Cost : \$102 Billion

	Reduce Risks from Hazards Adapt to Sea Level Rise. Protect shoreline communities affected by sea level rise, prioritizing areas of low costs and high benefits and providing additional support to vulnerable populations.	\$19 BILLION
	Provide Means-Based Financial Support to Retrofit Existing Residential Buildings. Adopt building ordinances and incentivize retrofits to existing buildings to meet higher seismic, wildfire, water and energy standards, providing means-based subsidies to offset associated costs.	\$15 BILLION
	Fund Energy Upgrades to Enable Carbon-Neutrality in All Existing Commercial and Public Buildings. Support electrification and resilient power system upgrades in all public and commercial buildings.	\$18 BILLION
	Expand Access to Parks and Open Space Maintain Urban Growth Boundaries. Using urban growth boundaries and other existing environmental protections, confine new development within areas of existing development or areas otherwise suitable for growth, as established by local jurisdictions.	N/A
	Protect and Manage High-Value Conservation Lands. Provide strategic matching funds to help conserve and maintain high-priority natural and agricultural lands, including but not limited to Priority Conservation Areas and wildland-urban interface lands.	\$15 BILLION
	Modernize and Expand Parks, Trails and Recreation Facilities. Invest in quality parks, trails and open spaces that provide inclusive recreation opportunities for people from all backgrounds, abilities and ages to enjoy.	\$30 BILLION
	Reduce Climate Emissions Expand Commute Trip Reduction Programs at Major Employers. Set a sustainable commute target for major employers as part of an expanded Bay Area Commuter Benefits Program, with employers responsible for funding incentives and disincentives to shift auto commuters to any combination of telecommuting, transit, walking, and/or bicycling.	N/A
	Expand Clean Vehicle Initiatives. Expand investments in clean vehicles, including more fuel-efficient vehicles and electric vehicle subsidies and chargers.	\$4 BILLION
	Expand Transportation Demand Management Initiatives. Expand investments in programs like vanpools, bikeshare, carshare and parking fees to discourage solo driving.	\$1 BILLION

ADVANCING EQUITY WITH BOLD STRATEGIES

As a cross-cutting issue of Plan Bay Area 2050, staff has worked to weave equity into every single strategy for the Final Blueprint.



AFFORDABLE



Consistent regional means-based discounts for fares and tolls.



CONNECTED



Service frequency increases in currently underserved PDAs and community-prioritized transportation improvements.



DIVERSE



Emphasis on growth in High-Resource Areas to address the legacy of race-based exclusion.



HEALTHY



Prioritization of retrofit assistance and sea level rise infrastructure in lower-income communities.



VIBRANT



Universal basic income to help enable greater economic mobility.



Stay Involved!

Visit planbayarea.org to stay informed on the Plan Bay Area 2050 process and learn about future opportunities to provide your input. You can also follow MTC BATA on social media.



@mtcbata

#BayArea2050



MTCBATA



@mtcbata



PLAN BAY AREA 2050

Overview of Plan Bay Area 2050

*Highlights of the Long-Range Regional Plan &
Next Steps Toward Implementation*

Matt Maloney, MTC/ABAG — May 2021

Long-Range Planning... for a Better Bay Area

WHAT IS THE PLAN?

Plan Bay Area 2050 is the long-range plan charting a course for the nine-county San Francisco Bay Area, slated for adoption in fall 2021.

VISION & GUIDING PRINCIPLES

*Ensure by the year 2050 that the Bay Area is **affordable**, **connected**, **diverse**, **healthy** and **vibrant** for all.*

FOUR ELEMENTS OF THE PLAN

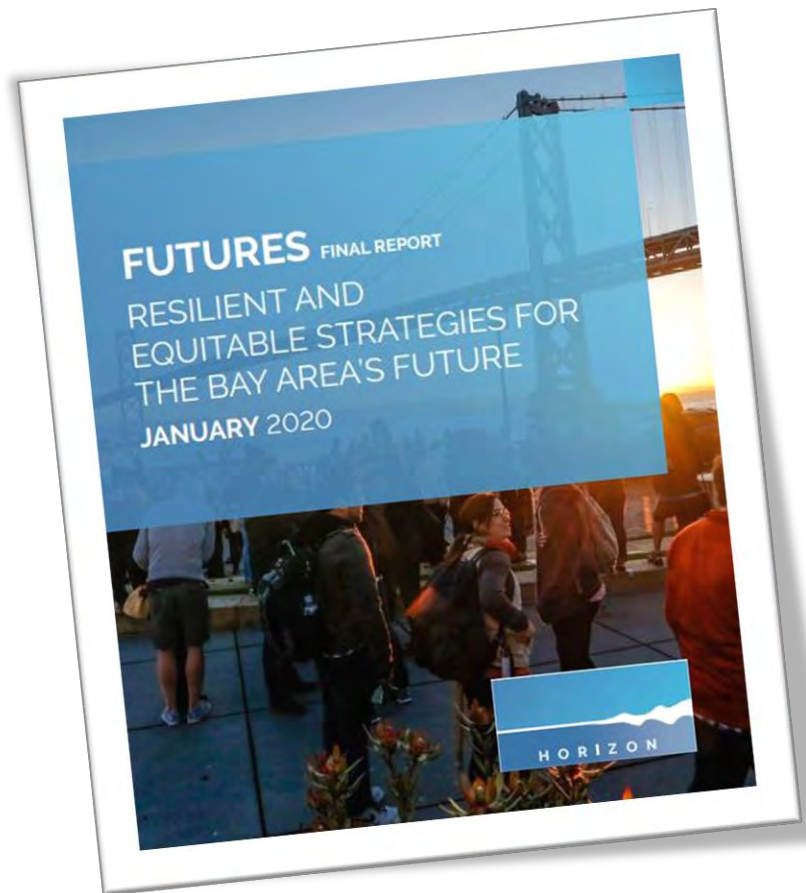


- **Transportation** Strategies
- **Housing** Geographies & Strategies
- **Economic** Geographies & Strategies
- **Environmental** Strategies

Long-Range Planning... for an Uncertain Future



Plan Bay Area 2050 built upon the foundation of the Horizon initiative, which generated new strategy ideas and stress-tested them against a broad range of economic, technological, environmental, and political forces.



Strategies prioritized based upon:



Long-Range Planning... Driven by Public Input



Engagement to Date by the Numbers

140+ public meetings featuring discussion of Horizon & Plan Bay Area 2050

140+ public events including in-person & virtual workshops, pop-up events, and focus groups

60+ stakeholder events including RAWG and REWG meetings, workshops, and webinars

220,000+ public and stakeholder comments received to date

19,000+ participants in planning process to date

Plan Bay Area 2050: Growth Geographies

 **1.4 million** *new households between 2015 and 2050*

 **1.4 million** *new jobs between 2015 and 2050*

Protect



Areas Outside Urban Growth Boundaries (including PCAs)



Unmitigated High Hazard Areas

Prioritize



Priority Development Areas (PDAs)



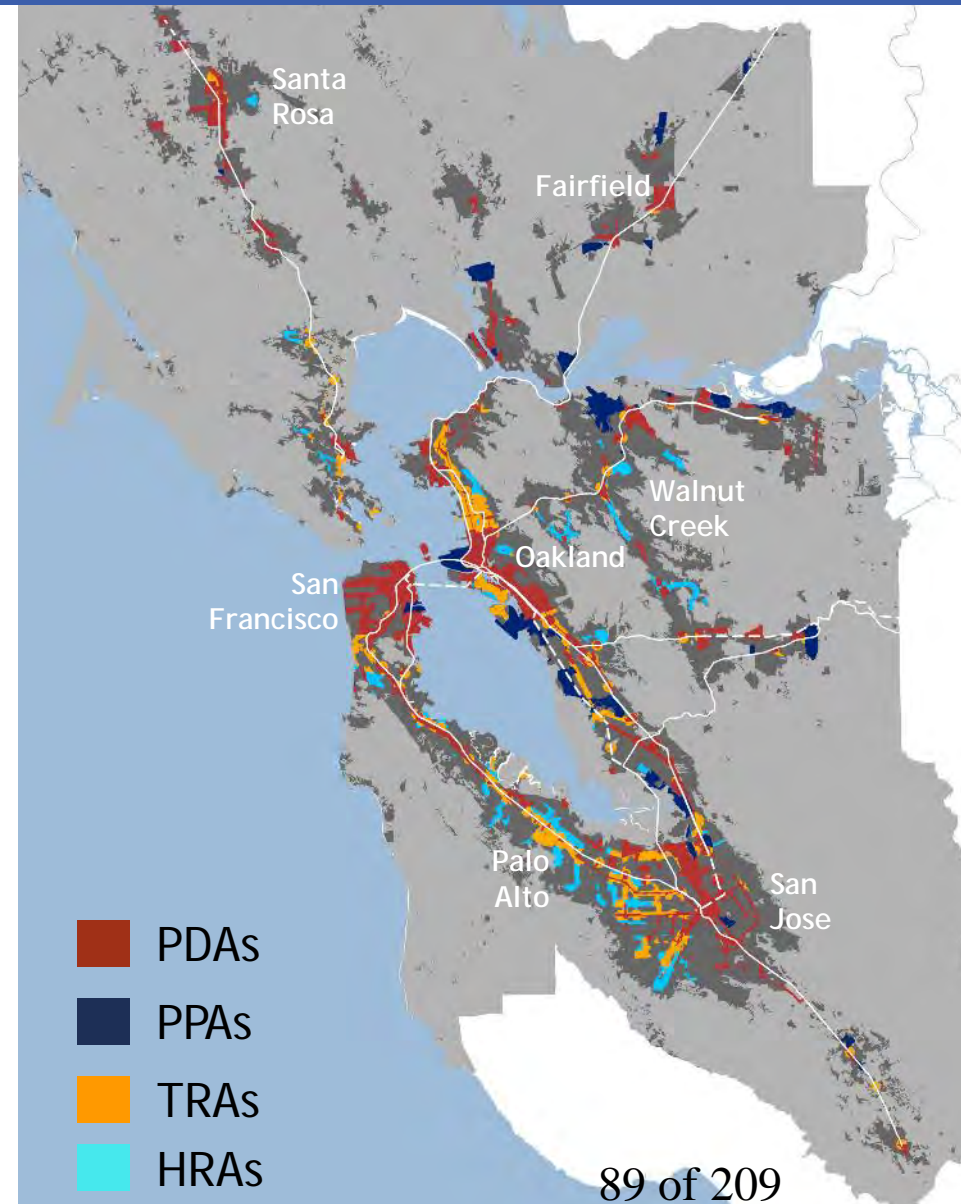
Priority Production Areas (PPAs)



Transit-Rich Areas (TRAs)



High-Resource Areas (HRAs)



Plan Bay Area 2050: 11 Themes, 35 Bold Strategies

Item 7 - Attachment C

Plan Bay Area 2050 Preferred Alternative Strategies



Maintain and Optimize the Existing System



Create Healthy and Safe Streets



Build a Next-Generation Transit Network



Protect and Preserve Affordable Housing



Spur Housing Production at All Income Levels



Create Inclusive Communities



Improve Economic Mobility



Shift the Location of Jobs



Reduce Risks from Hazards



Expand Access to Parks and Open Space



Reduce Climate Emissions

Housing Strategies – Cost: \$468 Billion		
Protect and Preserve Affordable Housing	Further Strengthen Renter Protections Beyond State Legislation. Building upon recent tenant protection laws, limit annual rent increases to the rate of inflation, while exempting units less than 10 years old.	\$2 BILLION
	Preserve Existing Affordable Housing. Acquire homes currently affordable to low and middle income residents for preservation as permanently affordable and affordable housing.	\$237 BILLION
Spur Housing Production at All Income Levels	Allow a Greater Mix of Housing Densities and Types in Growth Areas. Allow a variety of housing types at a range of densities to be built in Priority Development Areas, select Transit-Rich Areas, and select High-Resource Areas.	N/A
	Build Adequate Affordable Housing to Ensure Homes for All. Conduct an enough development of affordable homes necessary to fill the existing gap in housing for the unmet community and to meet the needs of low-income households.	\$219 BILLION
	Integrate Affordable Housing into All Major Housing Projects. Require a baseline of 10 to 20 percent of new market-rate housing developments of 3 units or more to be affordable to low-income households.	N/A
	Transform Aging Malls and Office Parks into Neighborhoods. Permit and promote the reuse of shopping malls and office parks with limited commercial viability as neighborhoods with housing at all income levels.	N/A
Create Inclusive Communities	Provide Targeted Mortgage, Rental and Small Business Assistance to Communities of Concern. Provide assistance to low-income communities and communities of color to address the legacy of exclusion and predatory lending, while helping to grow locally owned businesses.	\$10 BILLION
	Accelerate Reuse of Public and Community-Owned Land for Mixed-Income Housing and Essential Services. Help public agencies, community land trusts and other non-profit organizations to accelerate development of mixed-income affordable housing.	N/A
Economic Strategies – Cost: \$234 Billion		
Improve Economic Mobility	Implement a Statewide Universal Basic Income. Provide an average \$200 per month payment for all Bay Area households to improve family stability, promote economic mobility and increase consumer spending.	\$205 BILLION
	Expand Job Training and Incubator Programs. Fund assistance programs for establishing and expanding small businesses, as well as job training programs, primarily in historically disadvantaged communities.	\$5 BILLION
	Invest in High-Speed Internet in Underserved Low-Income Communities. Provide broadband services and investment public infrastructure to ensure all communities have affordable access to high-speed internet.	\$10 BILLION
Shift the Location of Jobs	Allow Greater Commercial Densities in Growth Geographies. Allow greater densities for new commercial development in select Priority Development Areas and select Transit-Rich Areas to encourage more jobs to locate near public transit.	N/A
	Provide Incentives to Employers to Shift Jobs to Housing-Rich Areas Near Regional Rail Stations. Provide incentives to encourage employers to relocate offices to housing-rich areas near regional rail stations to encourage employees to relocate offices to housing-rich areas near regional rail stations.	\$10 BILLION
	Retain Key Industrial Lands through Establishment of Priority Production Areas. Implement local land use policies to protect key industrial lands, identified as Priority Production Areas, unless funding key infrastructure improvements in these areas.	\$4 BILLION

Learn more about each of the 35 adopted strategies at planbayarea.org.

Bold Strategies for a More Affordable Bay Area



Reduce the region's extreme cost of living by enabling over a million new homes near public transit

- Strategies include:
- Allow a Greater Mix of Housing Types and Densities in Growth Areas
 - Transform Aging Malls and Office Parks into Neighborhoods
 - Maintain Urban Growth Boundaries



Produce and preserve much-needed affordable housing through public, non-profit, and private sector action

- Strategies include:
- Preserve Existing Affordable Housing
 - Build Adequate Affordable Housing to Ensure Homes for All
 - Integrate Affordable Housing into All Major Housing Projects



Provide robust discounts for low-income residents both for tolls and transit fares

- Strategies include:
- Reform Regional Transit Fare Policy
 - Implement Per-Mile Tolling on Congested Freeways with Transit Alternatives

Bold Strategies for a More Connected Bay Area



Create a world-class public transportation system, emphasizing maintenance and ridership as critical twin goals

- Strategies include:
- Operate and Maintain the Existing System
 - Enhance Local Transit Frequency, Capacity, and Reliability
 - Expand and Modernize the Regional Rail Network



Standardize transit fares across the region and advance seamless mobility through schedule coordination

- Strategies include:
- Reform Regional Fare Policy
 - Enable a Seamless Mobility Experience



Permanently reduce traffic congestion through a proven approach of pricing select corridors

- Strategies include:
- Implement Per-Mile Tolling on Congested Freeways with Transit Alternatives
 - Build an Integrated Regional Express Lane and Express Bus Network

Bold Strategies for a More Diverse Bay Area



Protect renters from being displaced to the region's periphery and beyond

Strategies include:

- Further Strengthen Renter Protections Beyond State Legislation
- Preserve Existing Affordable Housing
- Support Community-Led Transportation Enhancements



Tackle racial inequities by enabling more housing in historically-exclusionary places

Strategies include:

- Allow a Greater Mix of Housing Types and Densities in Growth Areas
- Build Adequate Affordable Housing
- Accelerate Reuse of Public and Community-Owned Land



Reduce income inequality through new universal basic income and mortgage assistance programs

Strategies include:

- Implement a Statewide Universal Basic Income
- Provide Targeted Mortgage, Rental, and Small Business Assistance to Equity Priority Communities

Bold Strategies for a Healthier Bay Area

Item 7 - Attachment C



Strive to eliminate traffic deaths by making streets safer for all roadway users

Strategies include:

- Advance Regional Vision Zero Policy through Street Design and Reduced Speeds
- Build a Complete Streets Network



Protect tens of thousands of Bay Area homes from rising sea levels and from potential earthquake damage

Strategies include:

- Adapt to Sea Level Rise
- Provide Means-Based Financial Support to Retrofit Existing Residential Buildings



Tackle climate change by electrifying vehicles & buildings and reducing auto trips

Strategies include:

- Expand Clean Vehicle Initiatives
- Fund Energy Upgrades to Enable Carbon Neutrality in Existing Buildings
- Expand Transportation Demand Management Initiatives
- Expand Commute Trip Reduction Programs at Major Employers

Bold Strategies for a More Vibrant Bay Area



Encourage more job growth in housing-rich areas through financial incentives and streamlining

Strategies include:

- Provide Incentives to Employers to Shift Jobs to Housing-Rich Areas Well Served by Transit
- Allow Greater Commercial Densities in Growth Geographies



Preserve critical industrial lands and work to catalyze job growth in these locations

Strategies include:

- Retain Key Industrial Lands through Establishment of Priority Production Areas
- Expand Job Training and Incubator Programs



Ensure all communities have access to high-speed internet to fully participate in the digital economy

Strategies include:

- Invest in High-Speed Internet in Underserved Low-Income Communities

Strategy T6

Improve Interchanges and Address Highway Bottlenecks

- This strategy includes improvements to the I-580/US-101 interchange in San Rafael, as well as interim improvements to the SR-37 corridor that would provide short- to medium-term congestion relief.

Strategy T11

Expand and Modernize the Regional Rail Network

- While the buildout of the SMART commuter rail line is now complete in Marin County, this strategy includes ferry frequency boosts to provide better connections between regional rail hubs in Larkspur and San Francisco.

Strategy H4

Build Adequate Affordable Housing to Ensure Homes for All

- As one of the most income-stratified counties in the Bay Area, this strategy would help Marin County become more inclusive by creating deed-restricted units for nearly 10,000 low-income renter households.

Strategy EC1

Implement a Statewide Universal Basic Income

- By providing a \$500 per month universal basic income, this strategy could help lift up nearly 20,000 Marin County households currently making less than \$45,000 per year.

Strategy EN1

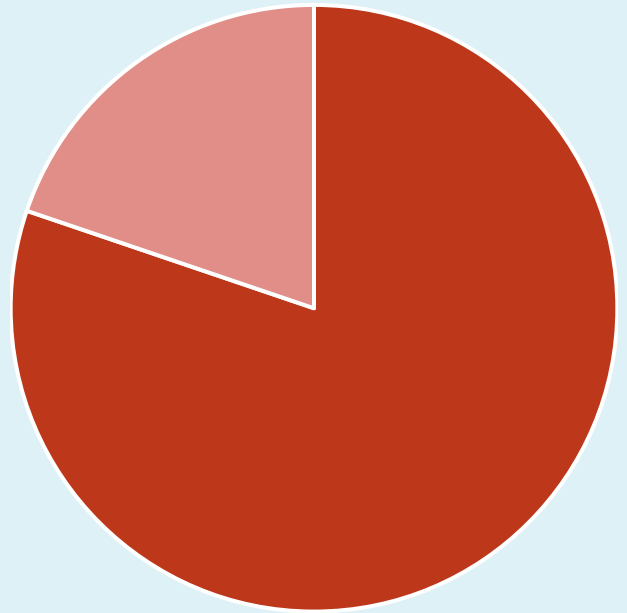
Adapt to Sea Level Rise

- With many of the region's most at-risk communities to two feet of sea level rise, this strategy includes critical protections along the shorelines of San Rafael, Corte Madera, Marin City, and Tiburon, among others - including much-needed wetland restoration efforts.

Plan Bay Area 2050: Revenues & Expenditures

Transportation Element

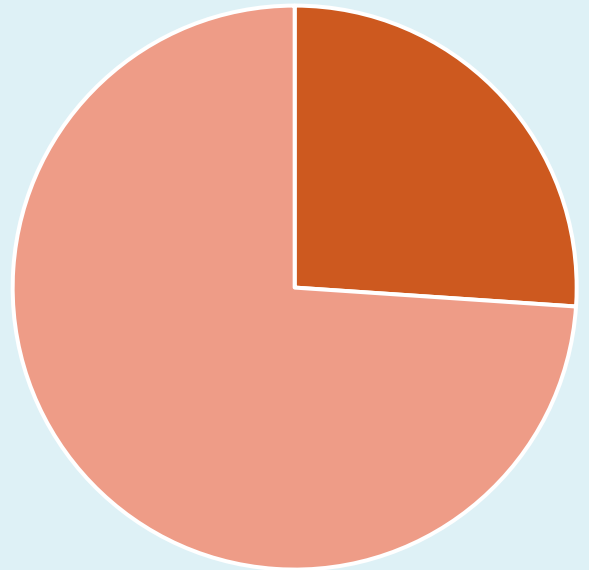
\$466 billion in existing funding
\$113 billion in new revenues



■ Existing Revenues ■ New Revenues

Housing Element

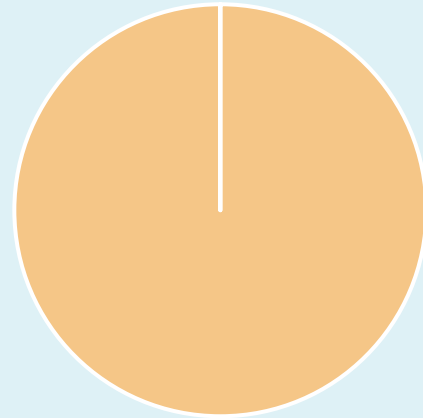
\$122 billion in existing funding
\$346 billion in new revenues



■ Existing Revenues ■ New Revenues

Economy Element

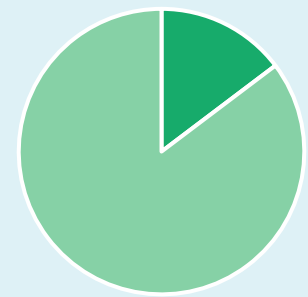
N/A in existing funding
\$234 billion in new revenues



■ Existing Revenues ■ New Revenues

Environment Element

\$15 billion in existing funding
\$87 billion in new revenues



■ Existing Revenues ■ New Revenues

Note: \$12 billion in existing transportation funding is shown in Environment Element for climate & sea level rise strategies.

Note: new housing revenues could come from a mix of federal, state, regional, or local sources.

Note: as Needs & Revenue data is unavailable for economic development, existing funding is underrepresented.

Note: as Needs & Revenue data is unavailable for parks & conservation, existing funding is underrepresented.

Forecasting the Future: Housing & Jobs Growth Item 7 - Attachment C

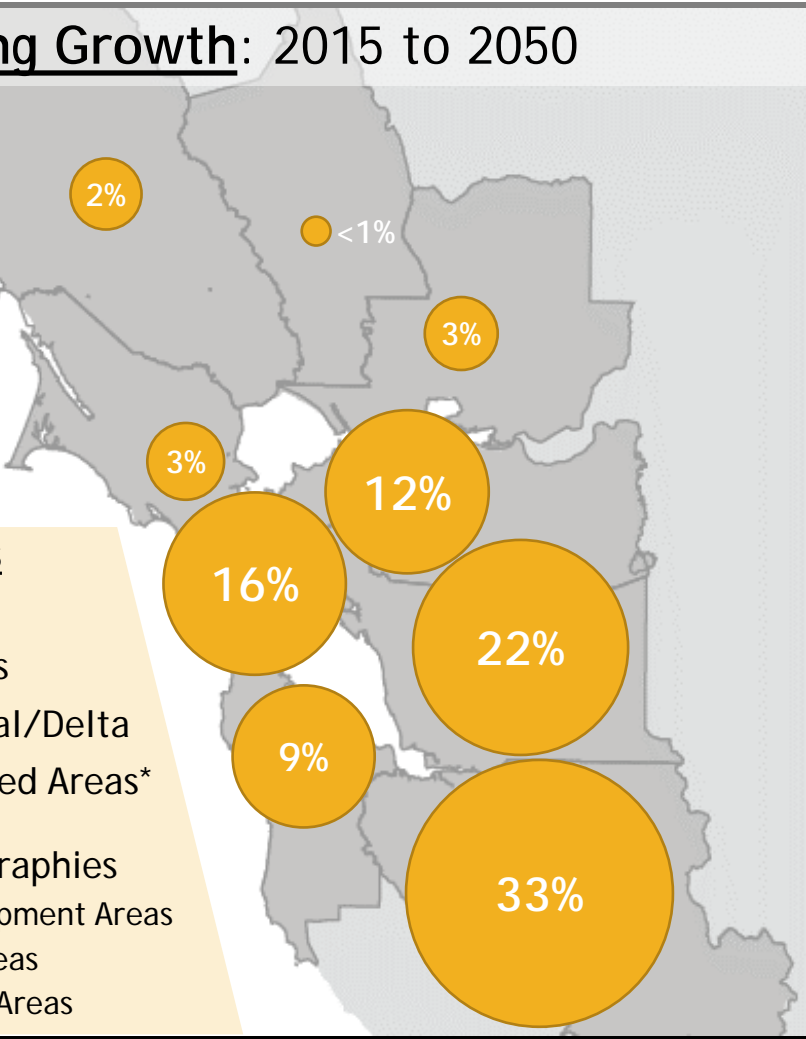
Housing Growth: 2015 to 2050

MAP LEGEND

X% County's share of regional growth, sized based upon total number of new households

KEY GROWTH STATISTICS

- 43%** in Big 3 Cities
- 34%** in Bayside Cities
- 18%** in Inland/Coastal/Delta
- 5%** in Unincorporated Areas*
- 85%** in Growth Geographies
- 72%** in Priority Development Areas
- 82%** in Transit-Rich Areas
- 28%** in High-Resource Areas



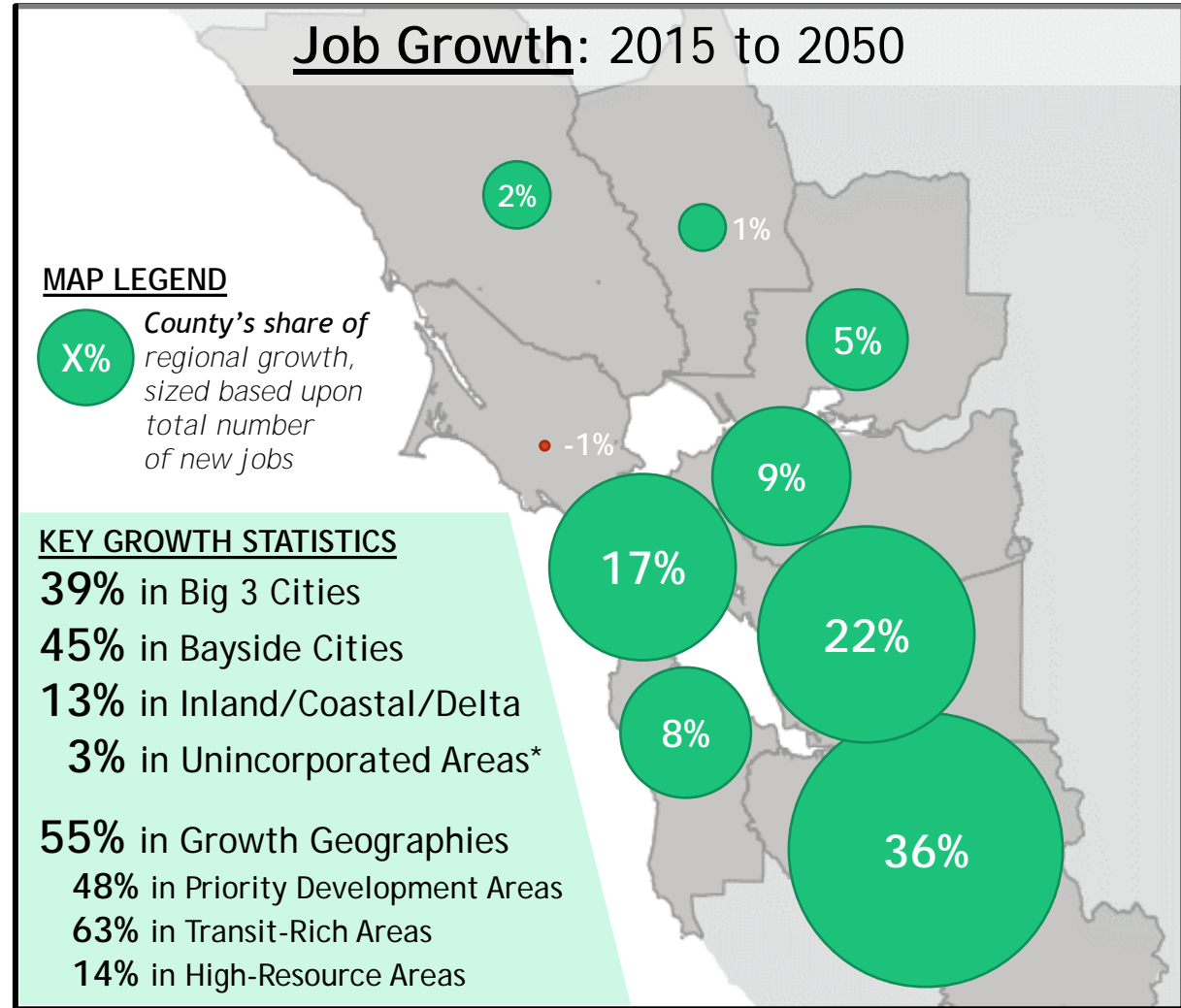
Job Growth: 2015 to 2050

MAP LEGEND

X% County's share of regional growth, sized based upon total number of new jobs

KEY GROWTH STATISTICS

- 39%** in Big 3 Cities
- 45%** in Bayside Cities
- 13%** in Inland/Coastal/Delta
- 3%** in Unincorporated Areas*
- 55%** in Growth Geographies
- 48%** in Priority Development Areas
- 63%** in Transit-Rich Areas
- 14%** in High-Resource Areas



* All urbanized growth in unincorporated areas is focused within existing urban growth boundaries (Strategy EN4).

For breakdowns on the subcounty level, please refer to the Final Blueprint Growth Pattern on planbayarea.org.

Totals do not always sum to 100% due to rounding.

Forecasting the Future: Projected Outcomes

AFFORDABLE



Plan would reduce housing & transportation cost burden by 13 percentage points, with even greater improvements for low-income households

CONNECTED



Plan would improve access to frequent transit and to safe bicycle & pedestrian facilities, enabling nearly 20 percent of workers to shift away from commuting by auto

DIVERSE



Plan would provide more affordable housing in historically-exclusionary jurisdictions, while helping at least 10 percent of the region's low-income residents to buy their first home

HEALTHY



Plan would meet the state-mandated greenhouse gas reduction target, while concurrently protecting nearly all homes from sea level rise impacts through 2050

VIBRANT



Plan would improve jobs-housing balance in counties throughout the Bay Area, yielding shorter commutes for all workers

Advancing Toward Implementation: Overview

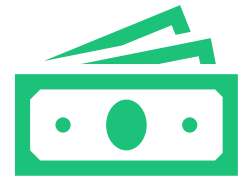
Plan Bay Area 2050
30-year strategies

Implementation Plan
5-year near-term actions

The near-term Implementation Plan for Plan Bay Area 2050 is exploring the success factors for each of the 35 strategies, the role for MTC/ABAG, and specific MTC/ABAG implementation actions.



Authority



Financial Resources



Technical Capacity



Public & Political Support



Lead



Partner

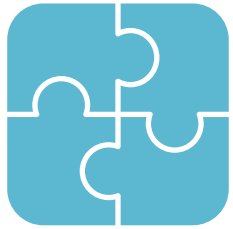


Support

Moving into summer 2021, MTC/ABAG will pivot to the **partnership phase of the Implementation Plan**, identifying existing initiatives and roles for partner organizations to ensure the success of Plan Bay Area 2050.

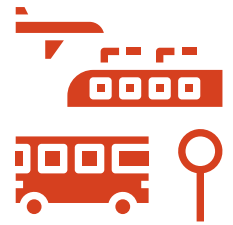
Advancing Toward Implementation: Initial Actions

The initial actions identified in the Draft Implementation Plan focus on near-term actions - through 2025 - that MTC and ABAG can prioritize to advance Plan implementation, which will be augmented by commitments from partners this summer and fall. **Select implementation actions identified to-date are shown below and on the following slide:**



Cross-Cutting

- **Seek new revenues to support identified needs**, from a next-generation transit network to a suite of sea level rise protections to affordable housing production & preservation
- **Continue and seek greater strategic alignment** between a broad range of existing MTC/ABAG programs, including Express Lanes, FasTrak START, Clipper START, Regional Housing Technical Assistance, and Regional Trails, among others



Transportation

- **Implement the recommendations** of the Blue Ribbon Transit Recovery Task Force, the Fare Integration Task Force, and the Regional Active Transportation Plan
- **Complete & advance the TOD Policy Update** to ensure land use supports transit investments
- **Lead the next-generations freeways study** to further explore pricing and complementary strategies through deep engagement with partners, stakeholders, and the public

Advancing Toward Implementation: Initial Actions



Housing

- Provide financial resources and technical assistance through the Regional Housing Technical Assistance and PDA Planning Program
- Launch and deliver a suite of pilot projects to equitably advance the “3 P’s” of housing: protection, preservation, and production
- Partner with local jurisdictions to study and accelerate mall & office park redevelopment



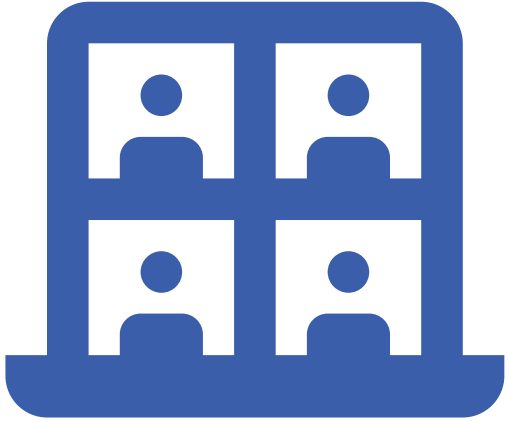
Economy

- Evaluate funding sources and develop a pilot Priority Production Area (PPA) Planning and Technical Assistance program, with a goal of supporting up to five PPAs by 2025
- Engage with local partners on economic recovery as part of the Regional Government Partnership for Local Economic Rebound initiative



Environment

- Explore legislative reforms to establish clear roles for sea level rise adaptation
- Restructure MTC Climate Initiatives program and operational travel demand management (TDM) programs to ensure they can effectively scale over the next five years
- Evaluate feasibility of expanding the scope and mission of BayREN to develop a broader range of program offerings that support building retrofits and water & energy upgrades



Virtual Public Workshops

- June 14 at 5 PM – East Bay Focus (*Alameda & Contra Costa Counties*)
- June 30 at 12 PM – North Bay Focus (*Marin, Napa, Solano & Sonoma Counties*)
- June 17 at 12 PM – South Bay Focus (*Santa Clara County*)
- June 28 at 5 PM – West Bay Focus (*San Francisco & San Mateo Counties*)



Virtual Public Hearings

- June 11 at 9:30 AM (Draft Plan Document) & directly after (EIR)
- June 22 at 5:30 PM (Draft Plan Document) & 6:30 PM (EIR)
- July 7 at 1:30 PM (Draft Plan Document) & 2:30 PM (EIR)



Overview Videos
& Web Resources



Youth Events &
Video Challenge



Virtual Tribal
Summit

What's Next: Upcoming Public Comment Period

Item 7 - Attachment C



Draft Plan Bay Area 2050 is slated for public release by early June and will include:

- Draft Plan Document + Implementation Plan
- Draft Supplemental Reports
- Draft Environmental Impact Report

The public comment period will continue through July 20th - for more information on how to submit comments, go to planbayarea.org.