Plan Bay Area 2050: Integrating Equity

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

Wifi Network: BAMCGuest
Password: goldengate101

Please go to this link in your browser: PollEv.com/rewg139
Advancing Equity in Plan Bay Area 2050

Therese McMillan
Executive Director
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
Introductions

Kỳ-Nam Miller
Public Engagement Lead, Legislation and Public Affairs

Anup Tapase
Associate Planner, Regional Planning Program

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Today’s Agenda

Advancing Equity in Plan Bay Area 2050, Therese McMillan

• Setting the Stage:
  o Plan Bay Area 2050 Overview, Dave Vautin
  o Takeaways from Horizon: Strategies for Plan Bay Area 2050, Anup Tapase
    • Poll-Everywhere Activity: What issues are most important to you
  o 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”.

Meets federal & state requirements
Identifies local and regional strategies
Establishes a long-range regional vision across multiple topic areas
Plan Bay Area 2050 will cover four topic areas and integrate two cross-cutting issues.

**Cross-Cutting Issues**

- Equity
- Resilience

**Topic Areas**

- Transportation
- Environment
- Housing
- Economy
Plan Bay Area builds on Horizon

Horizon: Futures, Project Performance, etc.

Plan Bay Area 2050: Blueprint
(previously Preferred Scenario)

Plan Bay Area 2050: Finalization

February 2018-October 2019
Robust scenario planning, project evaluation, and policy analyses

September 2019-Summer 2020
Selection of resilient and equitable strategies to create a more comprehensive regional plan

Summer 2020-Summer 2021
Development of shorter-range Implementation Plan + environmental analysis
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 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
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.

35 Strategies Analyzed in Futures Planning

- 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)

- Optimize Existing Transit Network: 26
- Build Road Capacity: 13
- Optimize Freeways: 10
- Extend Rail Network: 10
- Build Core Rail: 10
- Build Local Transit: 9
- Protect Existing Infrastructure: 8
- Enhance Alternative Modes: 7

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
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.

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

- **Rising Tides, Falling Fortunes**
  - Up to 9%
  - 6%

- **Clean & Green**
  - Up to 9%
  - 6%

- **Back to the Future**
  - Up to 10%
  - 6%

**Active (walk+bike) mode share**

- **2015**
- **2050 Round 1**
- **2050 Round 2**

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*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

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

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

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

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

**Clean and Green**  
+1.3M Homes, +1.1M Jobs

**Back to the Future**  
+2.1M Homes, +2.7M Jobs

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

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

Legend:
- very low
- low
- avg.
- high
- very high
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**

- **new households 2015 - 2050**
  - Outside growth areas
  - High Resource Areas only
  - Transit and High Resource Areas
  - Transit Areas only

![Graph showing the location of households added between 2015-2050 relative to growth geography.](image)
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

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

<table>
<thead>
<tr>
<th>Strategies for discussion today</th>
<th>Housing Costs / Overall Housing Production</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Allow a Greater Mix of Housing Types &amp; Densities in PDAs, HRAs, other transit-rich areas</td>
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<tr>
<td></td>
<td>Streamline Development in All Areas Designated for Growth</td>
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<td></td>
<td>Transform Aging Malls and Office Parks into Neighborhoods</td>
</tr>
<tr>
<td>Affordable Housing Preservation &amp; Production</td>
<td>Fund Affordable Housing Preservation &amp; Production</td>
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<tr>
<td></td>
<td>Require 10 to 20 Percent of All New Housing to be Affordable</td>
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</table>

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

- Repurpose Public Land to Build Housing
- Increase Renter Protections
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**

<table>
<thead>
<tr>
<th>Eligible Families (Today)</th>
<th>Condition (Today)</th>
<th>Future Condition</th>
<th>Changed Condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>73,000+ Bay Area lower-income households with a child under the age of 5</td>
<td>Parent(s) work and already pay for childcare</td>
<td>use benefit</td>
<td>30% avg. increase in household income</td>
</tr>
<tr>
<td></td>
<td>Parent(s) do not work and provide childcare</td>
<td>don't use benefit</td>
<td>50% avg. increase in household income</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>no change</td>
</tr>
</tbody>
</table>
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

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

Vehicle miles traveled (VMT) areas account for 98%, 97%, and 94% of all office job growth.
## Preliminary Economic Strategies for Plan Bay Area 2050

<table>
<thead>
<tr>
<th>Strategies for discussion today</th>
<th>Economic Mobility</th>
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<tbody>
<tr>
<td></td>
<td>Implement Regional Office Development Impact Fees</td>
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<td></td>
<td>Establish Priority Production Areas to Protect Industrial Lands</td>
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<tr>
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<th>Jobs/Housing Imbalance</th>
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<tbody>
<tr>
<td></td>
<td>Implement Regional Office Development Impact Fees</td>
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<table>
<thead>
<tr>
<th>Significant revisions needed for inclusion in Plan Bay Area 2050 Blueprint</th>
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<tbody>
<tr>
<td>Expand Construction Workforce Programs</td>
<td>Place Office Caps in Job-Rich Cities</td>
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<table>
<thead>
<tr>
<th>Already advancing into implementation due to state legislative action in 2019.</th>
<th>Provide Portable Benefits for Part-Time/Freelance Workers</th>
</tr>
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</table>
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*

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**Damage Distribution**

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

- 500
- 5,000
- 50,000

*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

- 500
- 5,000
- 50,000

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.

**Maintain Urban Growth Boundaries**
Restrict urban development on greenfield lands, continuing the region’s recent commitment to reducing sprawl outward.

**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.
### Strategies for discussion today

<table>
<thead>
<tr>
<th>Climate Change Adaptation</th>
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<tbody>
<tr>
<td>Retrofit Older Existing Buildings (Energy, Water, Seismic, Fire)</td>
</tr>
<tr>
<td>Adapt to Sea Level Rise</td>
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<table>
<thead>
<tr>
<th>Climate Change Mitigation</th>
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<tbody>
<tr>
<td>Promote Use of Electric Vehicles</td>
</tr>
<tr>
<td>Support Shared-Use Mobility Services</td>
</tr>
<tr>
<td>Strengthen the Commuter Benefits Program</td>
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</tbody>
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<tr>
<th>Natural Land Impacts</th>
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<tbody>
<tr>
<td>Maintain Urban Growth Boundaries</td>
</tr>
</tbody>
</table>

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**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

Public Engagement: Round 1 Results To-Date

Regional Equity Working Group Workshop

December 11, 2019
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
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
Strategy Handouts are available at the tables

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

Strategy:
The region could expand local adoption of incentives, evenly between drought and fire protection, and provide a 5% residential discount.

Potential Impact:
- Could reduce residential earthquake risk for

Adapt to Sea Level Rise

Strategy:
The region could adapt its shoreline to near-term sea level rise. A significant portion of the region’s 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
Pick any table!
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
Pick any table!
Next Steps

Dave Vautin, Horizon/PBA 2050 Project Manager
Regional Planning Program
Plan Bay Area 2050 Schedule

DECEMBER 2019

Public Engagement

Policy & Advocacy

Scenario Planning

Technical Analyses

Other

Plan Bay Area 2050

2019

2020

2021

Crossings Perspective Paper

Futures Round 2 Analysis

Project Performance

Draft Blueprint

Final Blueprint

Implementation Plan

Draft Plan Document

Draft EIR

Final Plan Document

Final

Final

Regional Housing Needs Allocation (RHNA)

Forecast, Needs, Revenues, etc.
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