



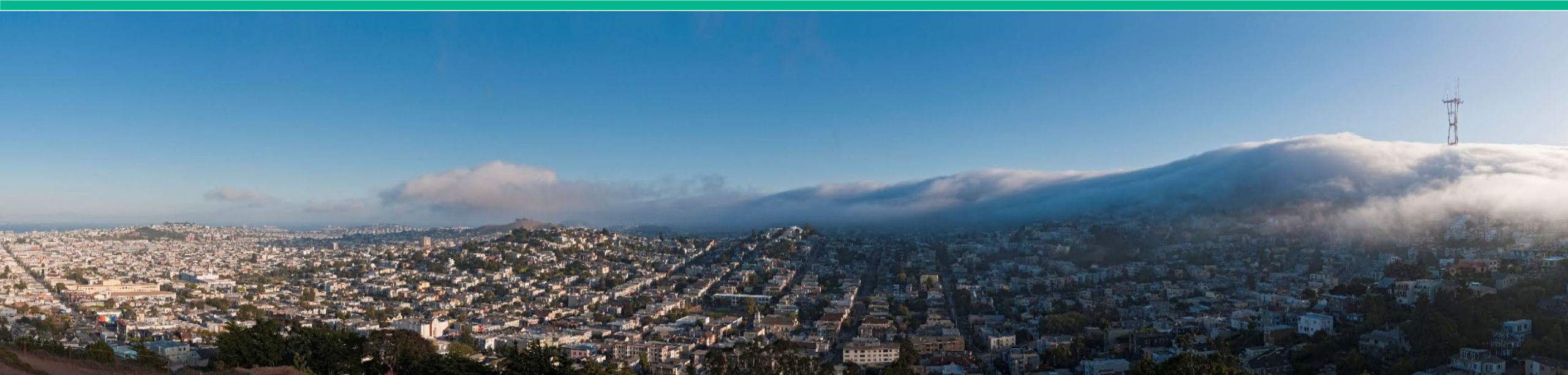
**SF** Environment

**Our home. Our city. Our planet.**

A Department of the City and County of San Francisco

# San Francisco's 2021 Climate Action Plan

San Francisco County Transportation Authority | January 2022  
Item #10



# Agenda



Purpose & Climate  
Targets

01

Lenses and Engagement

02

Key Sectors and Goals

03

Solutions, Impact, & Co-benefits

04

Next Steps

05





# Purpose

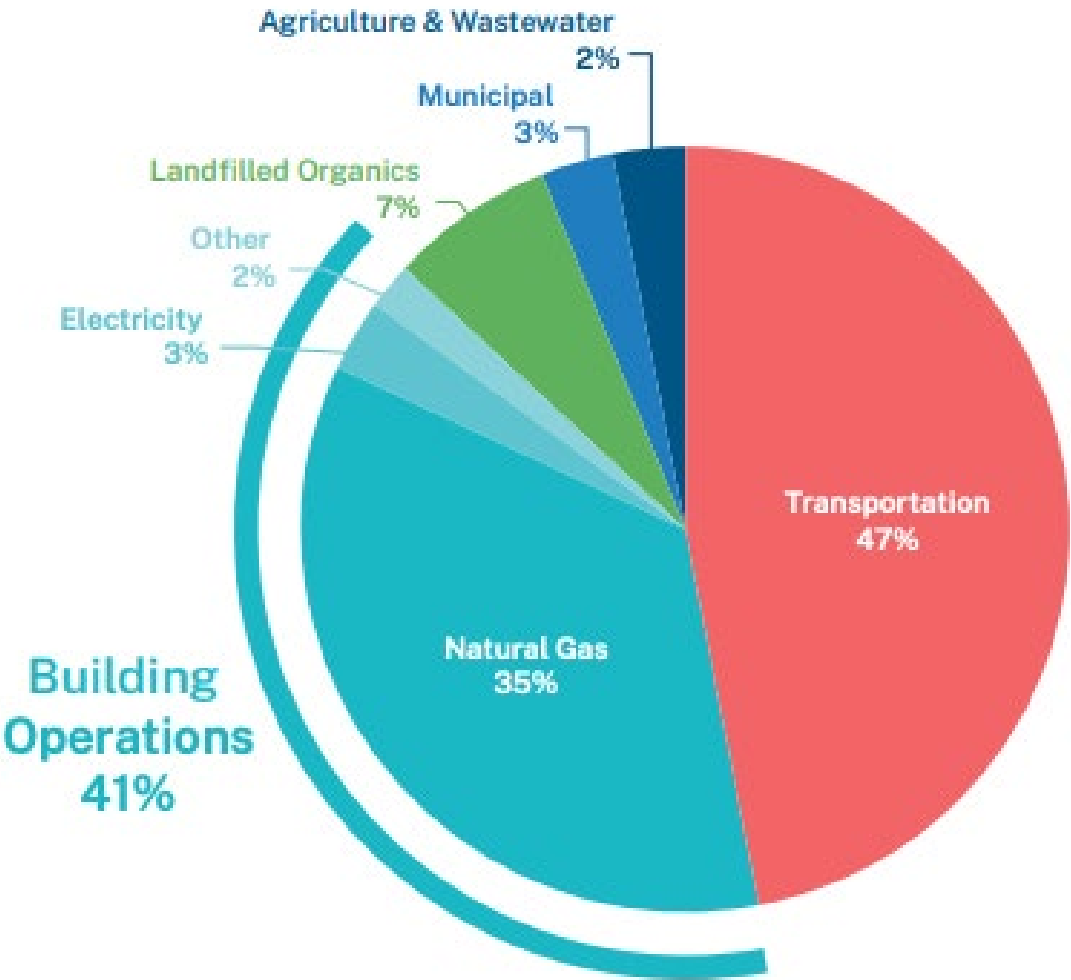


Comprehensive roadmap to reduce GHG emissions and advance racial & social equity.

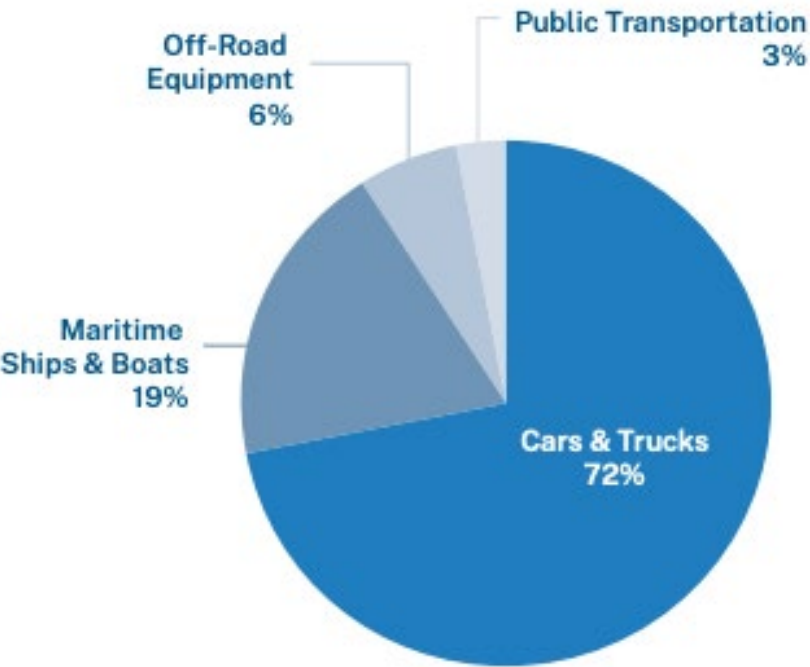
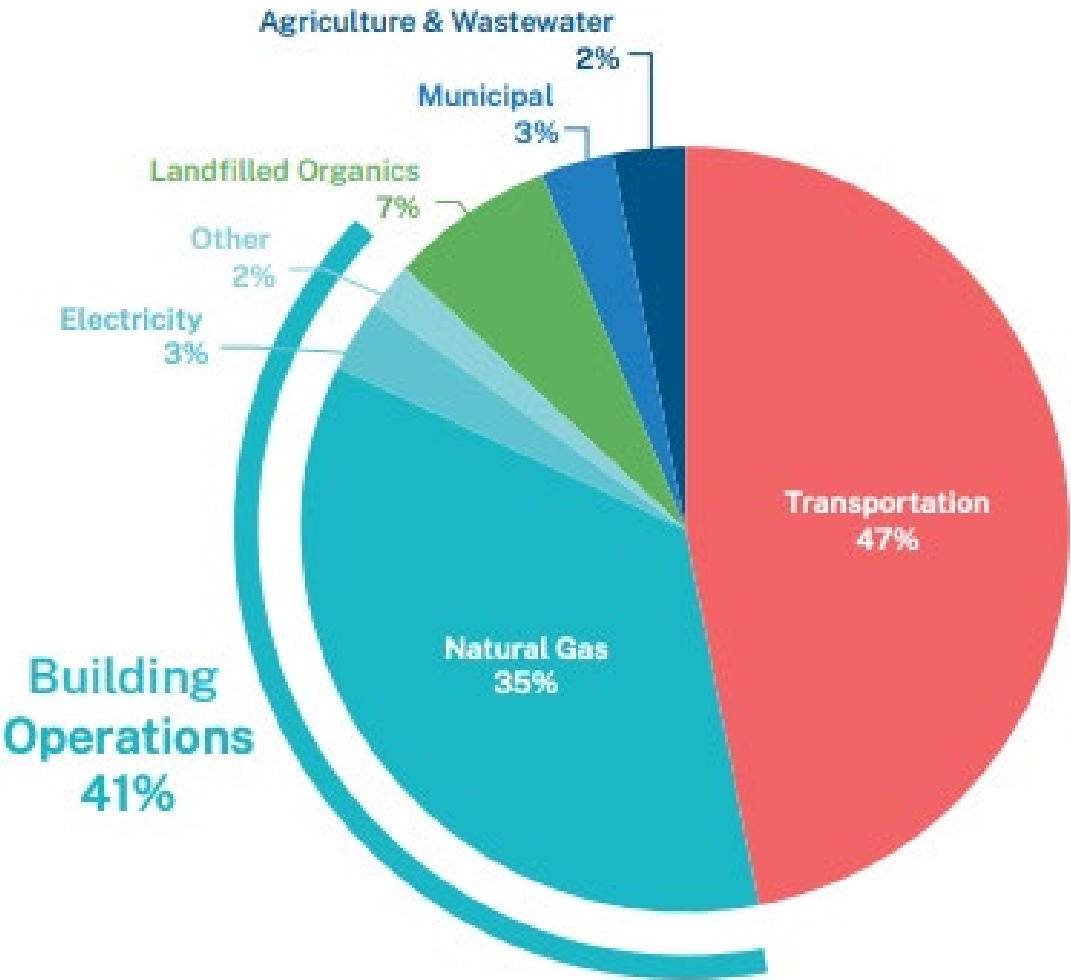
Points to future to reach the City's mandated climate action goals. Net Zero by 2040.

Paris Compliant Plan and addresses international community

# San Francisco's Sector-based Inventory (2019)



# San Francisco's Sector-based Inventory (2019)





# Climate Action Plan: Lenses



# Stakeholder Engagement



82 Staff from 20 City Department



Kick-off webinar with Mayor Breed; 10 public workshops (English, Chinese, & Spanish); 11 community presentations



238,845 people reached



5,777 actively engaged



800 public survey responses

# Climate Action Plan Requirements: Sectors



Energy  
Supply



Transportation &  
Land Use



Housing



Building  
Operations



Responsible  
Production &  
Consumption









Healthy  
Ecosystems



# Summary of Climate Action Goals



|   |   |
|---|---|
|  <b>Energy Supply</b>                  | 2025: 100% Renewable Electricity<br>2040: 100% Renewable Energy                                     |
|  <b>Transportation</b>                 | 2030: 80% Low-Carbon Trips & 25% EVs<br>2040: 100% EVs  |
|  <b>Housing</b>                        | 5,000 New Housing Units Per Year, 30% Affordable,<br>Emphasis on Rehab                              |
|  <b>Building Operations</b>             | 2021: New Buildings Zero Emissions<br>2035: All Large, Existing Commercial Buildings Zero Emissions |
|  <b>Production &amp; Consumption</b> | 2030: 15% Solid Waste Reduction & 50% Disposal Reduction  |
|  <b>Healthy Ecosystems</b>            | Sequester Carbon Through Nature-Based Solutions   |

# Transportation and Land Use Chapter



# Transportation and Land Use Strategies



## Public Transit

With community input, build a fast and reliable transit system that is accessible to all and will be travelers' preferred way to get around.



## Jobs & Housing Near Transit

Promote job growth, housing, and other development along transit corridors.



## Walking, Biking & Low-Carbon Modes

Create a complete and connected active transportation network that shift trips from driving to walking, biking, and other low-carbon modes.



## Increase Density Efficiency

Increase density, diversity of land uses, and location efficiency across San Francisco.



## Equitable Pricing Levers

Use equitable pricing levers to manage congestion and carbon emissions, while reinvesting revenues to further improve the multimodal transportation network.



## Zero Emission Vehicles

Accelerate the adoption of zero-emissions vehicles (ZEV's) and other electric mobility options.

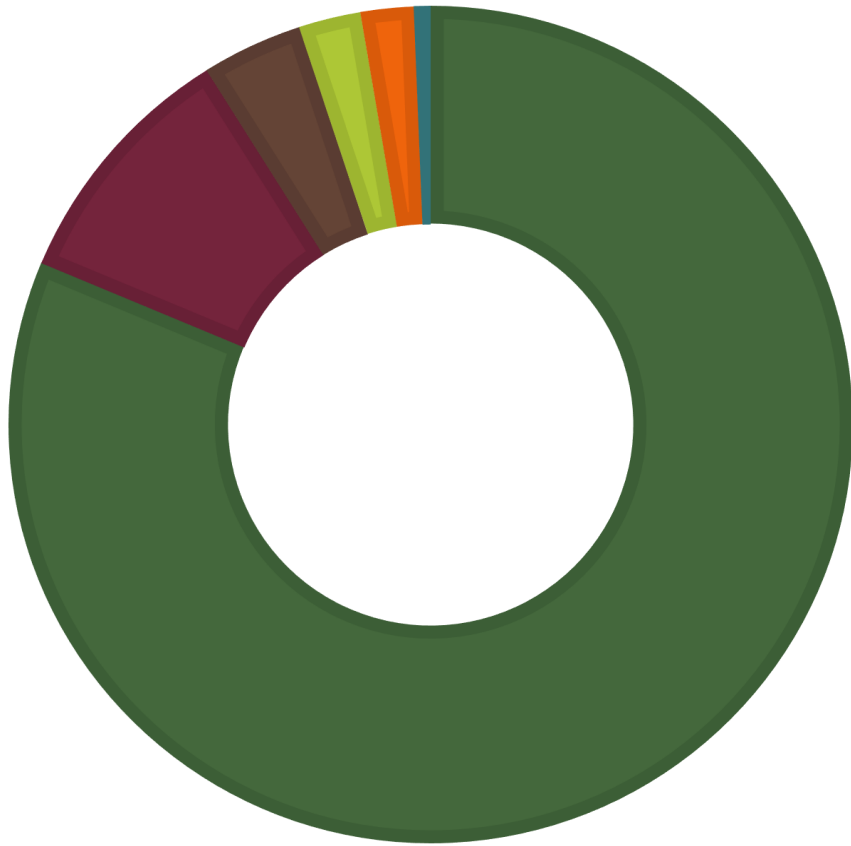


## Parking Efficiencies

Use San Francisco's parking resources more efficiently.



# Projected Impacts of Strategies



| Strategy | Focus Area           | GHG Reduction (MTCO2e) |
|----------|----------------------|------------------------|
| TLU.7    | Clean Vehicles (EVs) | -766,726               |
| TLU.3    | Road Pricing         | -92,082                |
| TLU.4    | Parking Pricing      | -36,545                |
| TLU.5/6  | Land Use             | -22,350                |
| TLU.1    | Transit              | -19,169                |
| TLU.2    | Biking/Walking/TDM   | -5,917                 |



# Co-benefits



| CO-BENEFIT   | EMISSIONS | CONGESTION | EQUITY | PUBLIC HEALTH | SAFETY | ECONOMIC VITALITY |
|--|-----------|------------|--------|---------------|--------|-------------------|
| TLU 1: Build a fast and reliable transit system that will be everyone's preferred way to get around. |           |            |        |               |        |                   |
| TLU 1.1  | ✱         | ✱          | ✱      | ✱             | ✱      | ✱                 |
| TLU 1.2  | ✱         | ✱          | ✱      | ✱             | ✱      | ✱                 |
| TLU 1.3  | ✱         | ✱          | ✱      | ✱             | ✱      | ✱                 |
| TLU 1.4  |           |            | ✱      | ✱             | ✱      |                   |
| TLU 1.5  | ✱         |            | ✱      | ✱             | ✱      | ✱                 |
| TLU 1.6  | ✱         | ✱          | ✱      | ✱             | ✱      | ✱                 |
| TLU 1.7  |           |            | ✱      |               |        |                   |
| TLU 1.8  | ✱         | ✱          | ✱      | ✱             | ✱      | ✱                 |

# Top Climate Solutions to get to Net-Zero Emissions



## TRANSPORTATION & LAND USE

Invest in public and active transportation projects

Accelerate adoption of zero emission vehicles and expansion of public charging infrastructure

Increase density and mixed land use near transit

Implement and reform parking management programs

Utilize pricing levers to reduce private vehicles use & minimize congestion

## ENERGY SUPPLY

Use 100% renewable electricity and phase-out all fossil fuels

## BUILDING OPERATIONS

Electrify existing buildings

## HOUSING

Increase affordable compact infill housing production near transit

## RESPONSIBLE PRODUCTION & CONSUMPTION

Reduce food waste and embrace a plant-rich diet

## HEALTHY ECOSYSTEMS

Enhance and maintain San Francisco's urban forest and open space

# Next Steps



# Thank You



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