



SFMTA
Municipal
Transportation
Agency

2017 Transportation Sector Climate Action Strategy

SFMTA CAC

9/7/2017

Dual Mandates

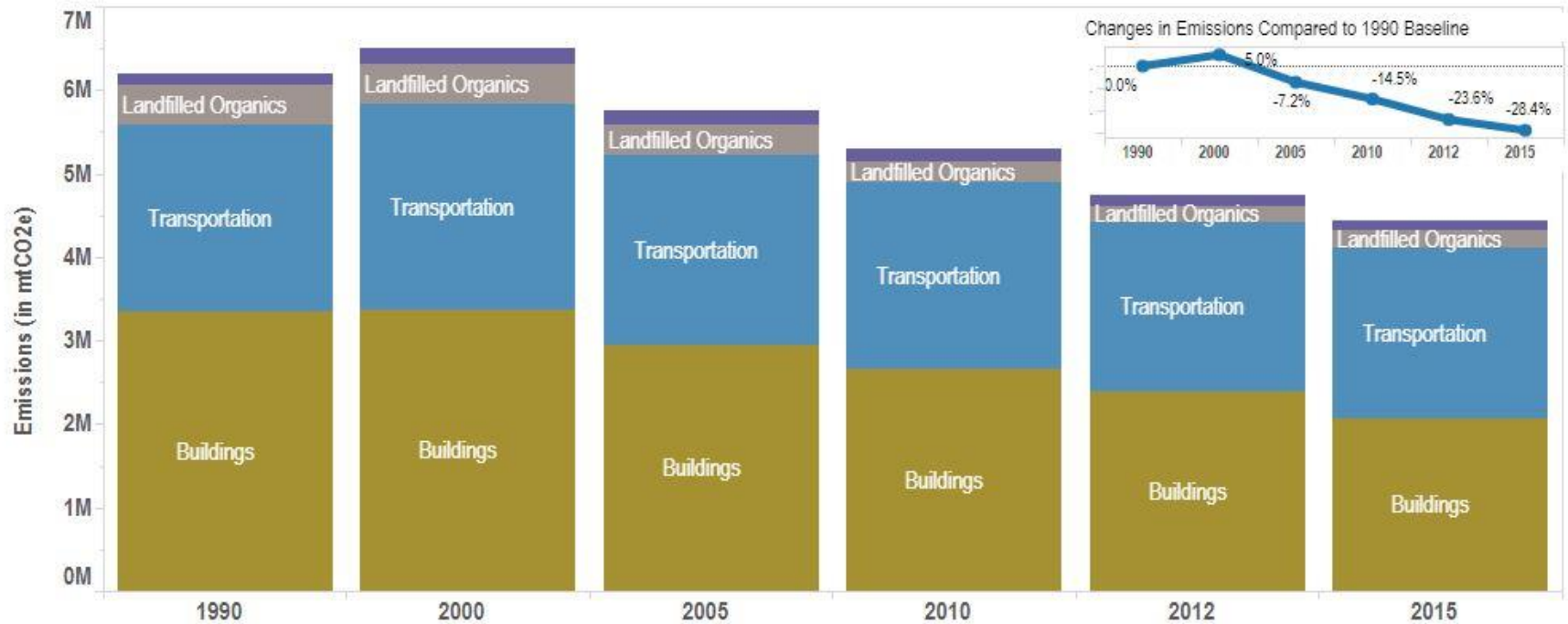
Proposition A mandates SFMTA to develop a Strategy every two years that reports on the progress towards achieving greenhouse gas reduction goals.



The Sea Level Rise Action Plan mandates that each department conduct a vulnerability assessment of their systems and assets.

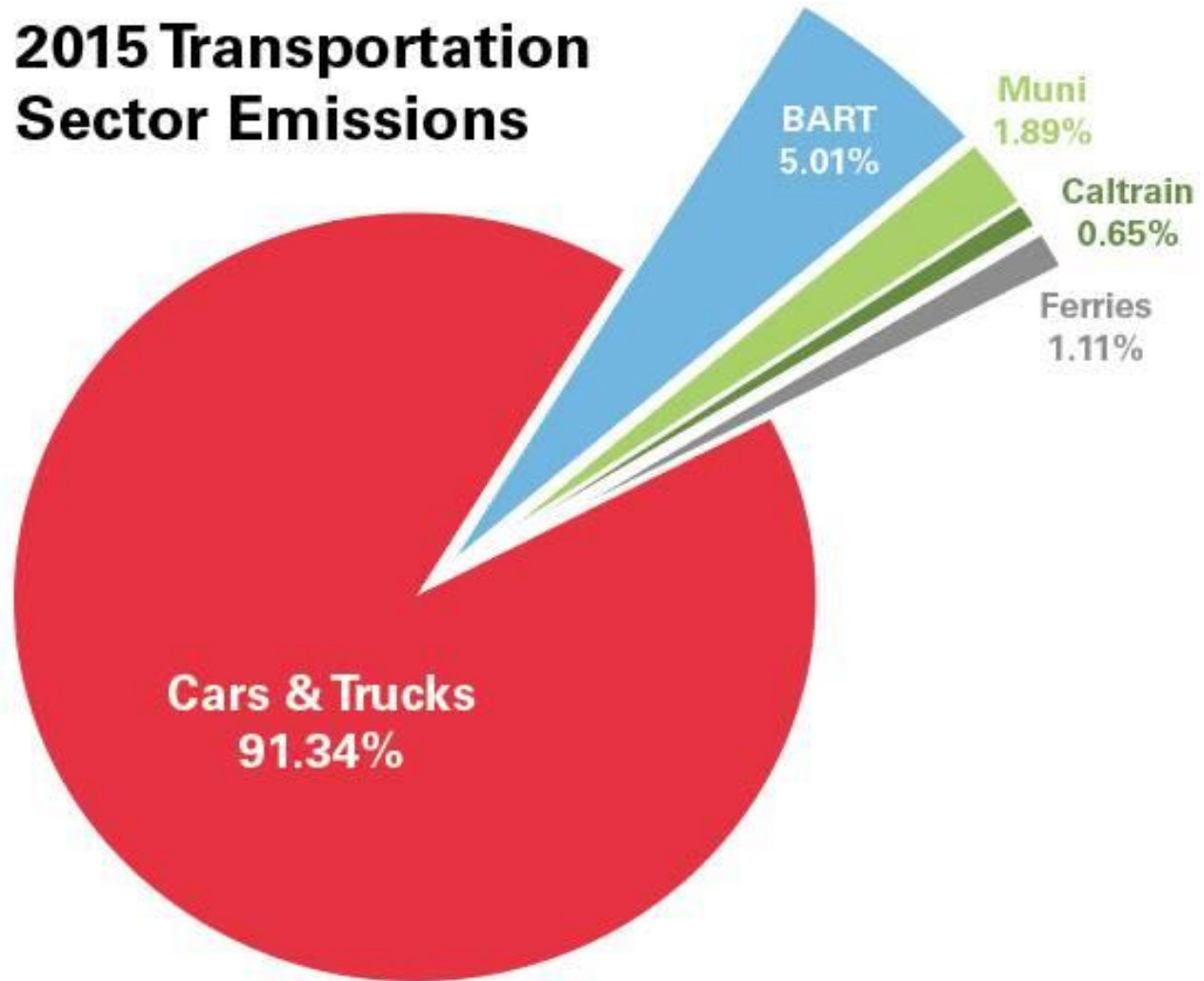


Citywide Emissions Trends



Transportation Sector Emissions

2015 Transportation Sector Emissions



Climate Action Framework

SAN FRANCISCO CLIMATE ACTION

0



Zero Waste

Send nothing to landfill.

50



50% Clean Transportation

Take half your trips by bus or bike.

100



100% Renewable Energy

Choose power from renewable resources.

ROOTS



Roots

Heal the planet.

Climate Mitigation Program Areas



**LAND USE AND
TRANSPORTATION**

TRANSIT



**PRICING AND
CONGESTION
MANAGEMENT**

**COMPLETE
STREETS**



**TRANSPORTATION
DEMAND
MANAGEMENT**

**ZERO EMISSION
VEHICLES AND
INFRASTRUCTURE**



**EMERGING
MOBILITY**



TDM

Program Area: Transit

Goal: By 2025, increase transit ridership by providing safe, reliable, accessible, equitable, rapid and environmentally sustainable transit service across San Francisco.

Long-Term Strategies:

Long-Term Strategies:		GHG REDUCTION POTENTIAL	CO-BENEFITS				COST
TRA-1	Maintain and expand local and rapid transit service and make system improvements that increases safety, reliability and accessibility.		✓	✓	✓	✓	
TRA-2	Expand regional transit core capacity to accommodate growth and encourage mode shift to transit, walking and bicycling.		✓	✓	✓	✓	
TRA-3	Secure Cap and Trade and other grant funds that can support fleet expansion, storage and maintenance to help accommodate future growth and ridership.		✓	✓	✓		

LEGEND

- Potential to reduce Greenhouse gas
- Potential to advance equity
- Potential to improve public health
- Consistent with Transit First Policy
- Potential to support jobs and prosperity
- Initial Capital Cost (public)

2018-2020 Implementation Actions: Continue Muni Forward service improvements and initiate planning to support future service improvements.

Climate Adaptation Program Areas



**EDUCATION
CAPACITY AND
COMMUNICATION**

**CAPITAL
PLANNING**

**SFMTA 20-YEAR
CAPITAL PLAN
2017**



**VULNERABILITY
ASSESSMENT**

**ADAPTATION
STRATEGIES PLANS
AND POLICIES**



**PARTNERSHIPS
AND
COLLABORATION**

Program Area: Education, Capacity and Communication

Goal: By 2020, increase awareness of climate impacts and capacity of agency staff, the public and decision makers to address climate change impacts.

Long-Term Strategies:

		POTENTIAL TO INCREASE RESILIENCE	CO-BENEFITS				COST
ECC-1	Coordinate with city partners to establish a climate change communication working group.		✓	✓	✓		
ECC-2	Engage local communities and stakeholders on climate change and its future impacts on the transportation sector.		✓	✓	✓		

LEGEND

- Potential to reduce Greenhouse gas
- Potential to advance equity
- Potential to improve public health
- Consistent with Transit First Policy
- Potential to support jobs and prosperity
- Initial Capital Cost (public)

2018-2020 Implementation Action: Make targeted presentations to internal and external audiences that raise awareness of climate impacts to the transportation system.

Implementation

Realizing the mid-century climate goals is **feasible** and **realistic** but will require a **transformation** of the transportation sector which must start with implementation of the Strategy.

- **Sustained leadership**
- **Bold policies**
- **Innovative projects**
- **Strategic investments**

