



# Kicking Gas to the Curb!

July 10, 2024

San Francisco Public Library

SAN FRANCISCO

**ENVIRONMENT**

DEPARTMENT



# San Francisco's Climate Emergency

SFE



# A Net Zero Carbon City by 2040

*with*

# 100% renewable electricity

**SFE**



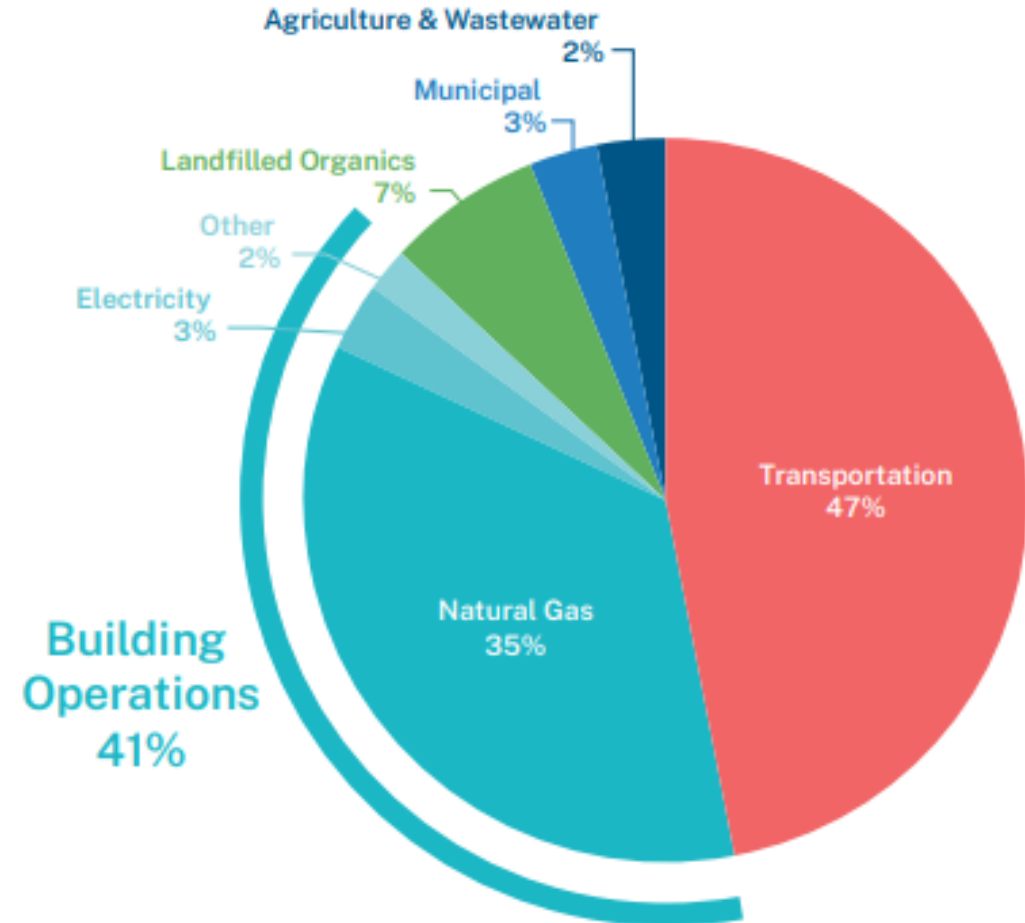
SAN FRANCISCO'S

# CLIMATE ACTION PLAN 2021



# Role of Buildings

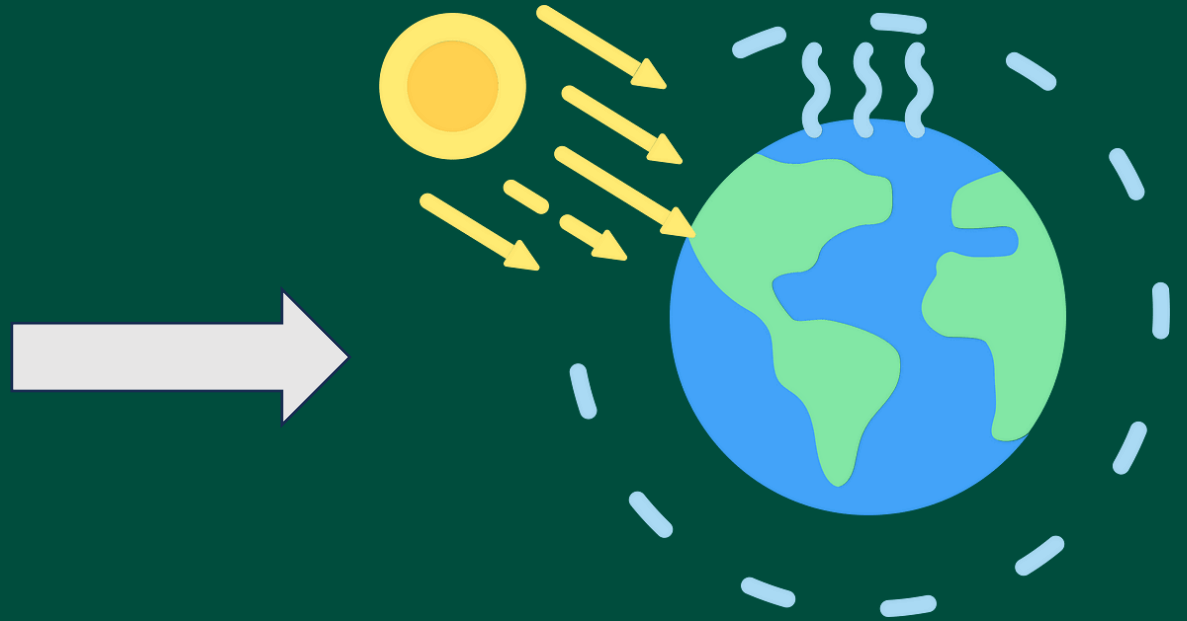
Building emissions  
are a major  
component of the  
City's emissions

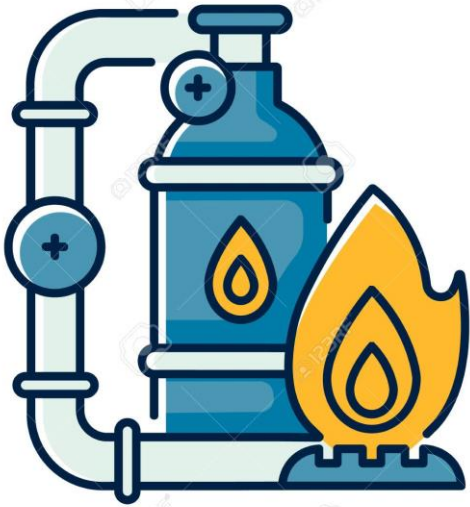


# What's the problem with natural gas?

The combustion of natural gas releases harmful pollutants into our atmosphere, primarily:

**CO<sub>2</sub> & Methane**





Energy derived from  
the combustion of  
natural gas



Energy derived from  
renewably-sourced  
electricity

# What is Electrification?



2027: Residential Water heaters  
2029: Residential Furnaces  
2031: Commercial Water Heaters



2030: Furnaces &  
Water Heaters

## Zero Emissions Regulations

# Benefits of Electrification



# Why Electrify? | *Better Performance*



Electric equipment  
provides an array of  
performance and  
efficiency enhancements

# Why Electrify? | *Improved Health & Safety*



Electric equipment  
doesn't release toxic  
pollutants harmful to  
human health

# Why Electrify? | *Climate Resilience*

Electric equipment allows communities to be more resilient in the face of global climate change

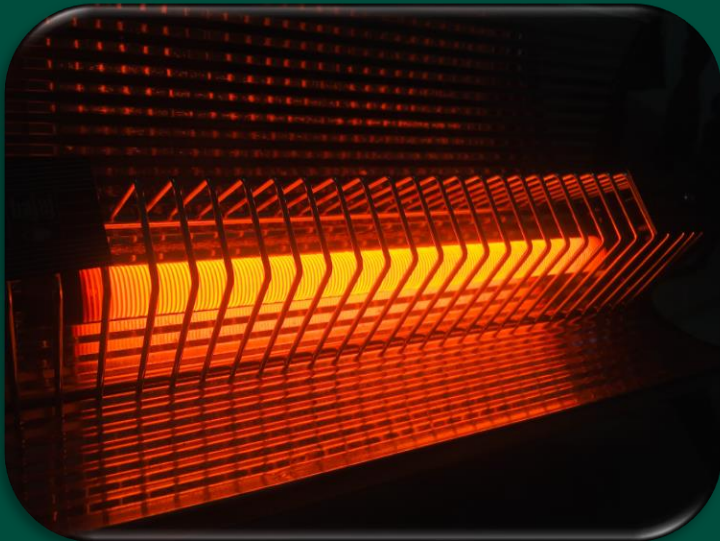


# Where is the Gas in Your Home?



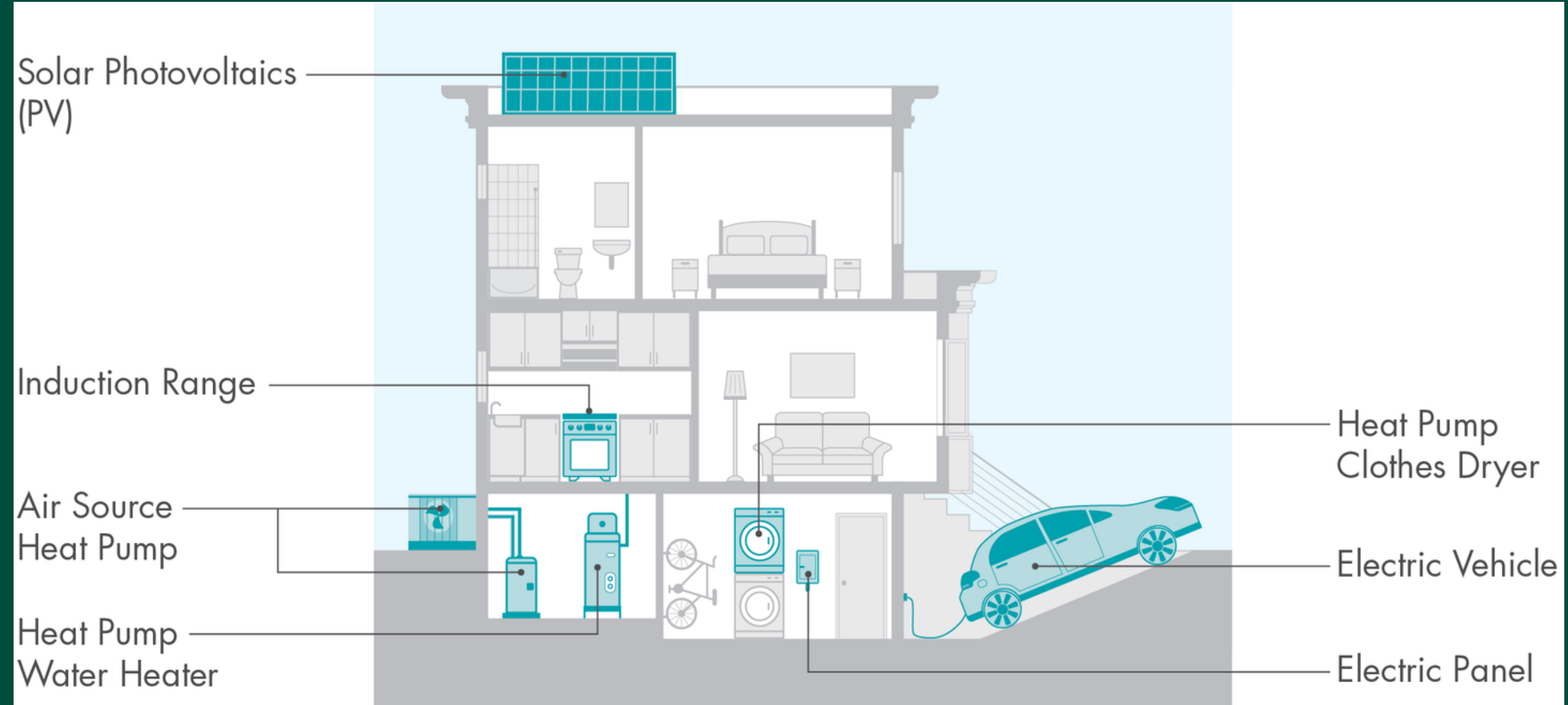
Gas appliances that you are likely to find in your home include:

- Furnaces/Boilers
- Water heaters
- Clothes dryers
- Gas stoves





# Components of an all-electric home



# Resources & Incentives

# Homeowners | *Strategies & Tips*



Develop an [electrification plan](#)



Identify applicable [incentives](#), [financing](#) & [contractors](#)



Sign up for [SuperGreen](#) electricity!

# Renters | *Strategies & Tips*



Try out [induction cooking](#) & other [electric appliances](#)



Request an [energy-saving toolkit](#) to reduce gas usage



Sign up for [CleanPowerSF](#)



Encourage your landlord to electrify



# Direct Install Program



## Upgrade your home with a free heat pump water heater (HPWH)!

Disadvantaged communities have historically dealt with the worst air pollution, traffic density, heat exposure, and other environmental hazards. San Francisco is transitioning from gas to electric appliances to reduce air pollution, and The Hub is dedicated to making this transition affordable and beneficial in these communities. Our HPWH program is just the first step.

*We'll secure up to \$10,785 in rebate funding to fully cover the cost of the upgrade and support you each step of the way.*

# Who is eligible?

*Gas water heater in your home is 8+ years old*

*Household earns <80% of the Area Median Income (AMI)  
(e.g. 4-person household that makes less than \$115,300/yr)*

*Proof of income not required w/participation in public  
assistance programs such as Medi-Cal, SNAP, or CalWorks.*

# EV Incentives

Incentive Lookup tool:  
[DriveClean.CA.Gov](https://DriveClean.CA.Gov)

EV Options:  
[ElectricForAll.org](https://ElectricForAll.org)

Income Based Incentives:  
[AccessCleanCA.org](https://AccessCleanCA.org)



Credit: DriveClean.CA.Gov

The screenshot shows the DriveClean.CA.Gov website interface. At the top, the logo "DriveClean ca.gov" is displayed, with the tagline "Brought to you by the California Air Resources Board". Navigation links for "Search Vehicles", "Search Incentives", and "Vehicle Types" are present. The "Your Location" section includes a ZIP code input field with "94102" and a search icon, along with a note to "Enter ZIP code to estimate incentives for your location". A toggle switch for "Include income-based incentives" is turned on. The "Filter By:" section on the left contains several dropdown menus: "New or Used" (set to "- Any -"), "Vehicle Type" (set to "- Any -"), "Incentive Type" (set to "- Any -"), "User Type" (set to "Individual"), "Scrap/Retire a Vehicle" (set to "- Any -"), "Household Size" (set to "- Any -"), and "Household Income" (set to "- Any -"). A "Clear All" link is also available. The main content area displays four incentive cards. The first card, "Bay Area Air Quality Management District - Clean Cars for All", offers a "\$12,000" incentive, labeled as "Local Vehicle Incentive", and is marked as "Income Eligible Only". The second card, "Consumer Assistance Program - Vehicle Retirement", offers a "\$1,000" incentive, labeled as "State Vehicle Incentive". The third card, "Federal Tax Credit for New Electric Vehicles (Income Qualified)", offers a "\$7,500" incentive, labeled as "National Vehicle Incentive". The fourth card, "Federal Tax Credit for Used Electric Vehicles (Income Qualified)", offers a "\$4,000" incentive, also labeled as "National Vehicle Incentive". Each card includes a "More Details" button.



# 2024 Electrification Fair

*September 28 (Sat)  
10 am - 2 pm  
Women's Building*

Including:

- Educational workshops
- Resource fair
- Financial & technical resources
- Induction cooktop giveaway!

## For homeowners, renters & contractors!





# 2024 Electric Home Tours

*September 29 (Sun)*  
*1-4 PM*

Seeking:

- Fully electrified homes
- Partially electrified homes
- Residents who are eager to share their electric life with the community!

## Apply Today!



LIFE'S BETTER ELECTRIC

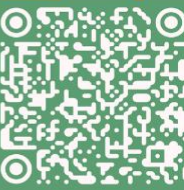
San Francisco

2024

ELECTRIC  
HOME TOURS  
09/29



Apply today to host a tour of your home!





# Thank you!

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