

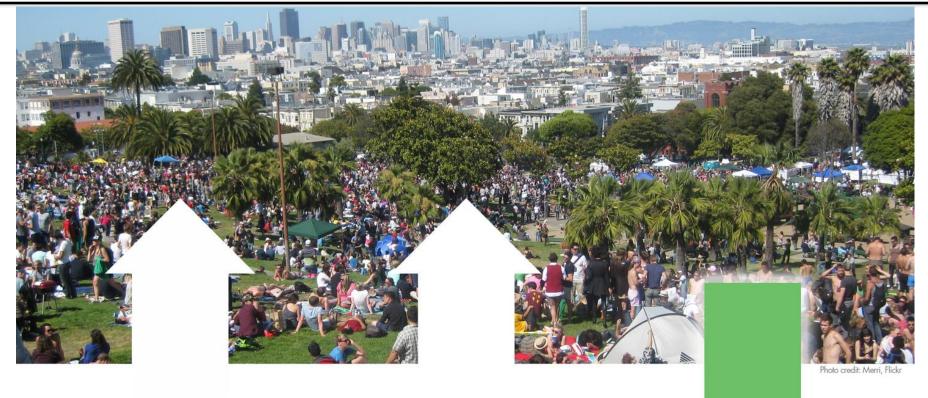
Cal Broomhead San Francisco Department of Environment MWCOG October 20, 2016







San Francisco Today



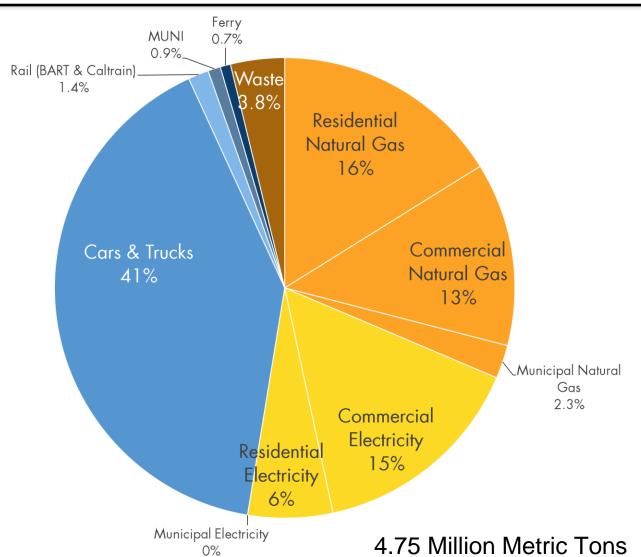
14.6%
Population

49.1% GDP

23.3%
GHG Emissions

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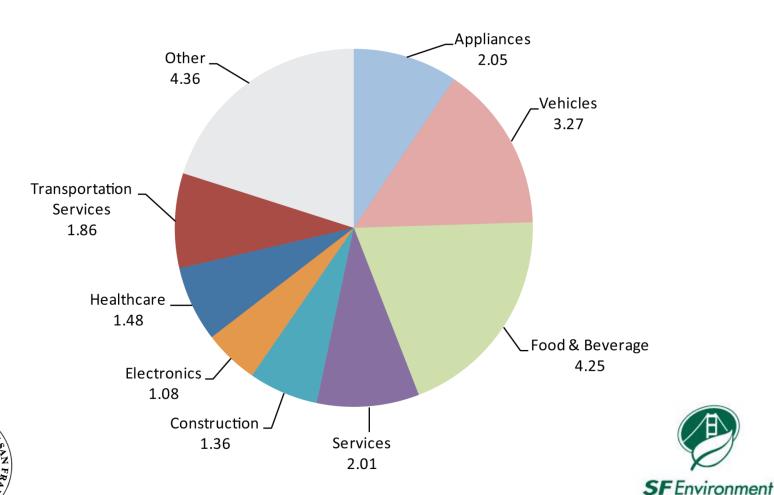


Source	CO ₂ e (MT)
Cars & Trucks	1,928,865
Residential Natural Gas	767,435
Commercial Electricity	725,050
Commercial Natural Gas	613,301
Residential Electricity	283,077
Waste	180,398
Municipal Natural Gas	111,551
Rail (BART & Caltrain)	68,625
MUNI	42,026
Ferry	34,472
Municipal Electricity	177
Forestry	-4,717
Total:	4,754,976
Total with Sink:	4,750,259

Category	%
Building Energy Use	52%
Transportation	44%
Waste	4%

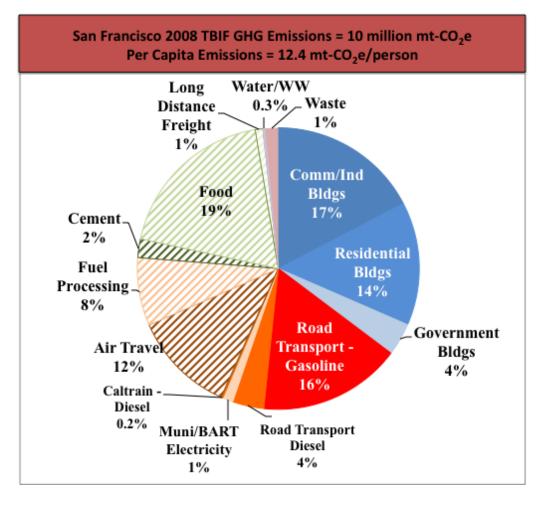
(23.3% below 1990)

San Francisco's Consumption Based Emissions Inventory 21.7 MMT



Our home. Our city. Our planet.

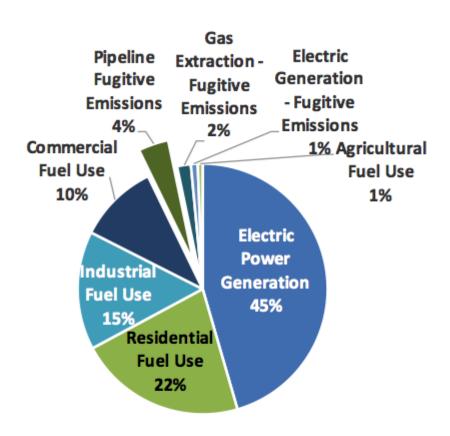
Trans-Boundary Infrastructure Footprint 10 MMT







Fugitive Emission



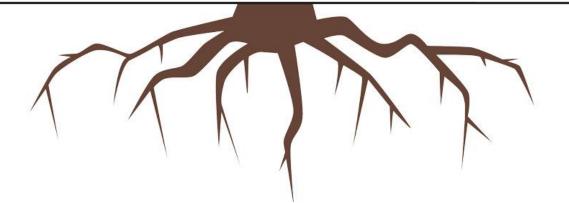


San Francisco Climate Action Strategy



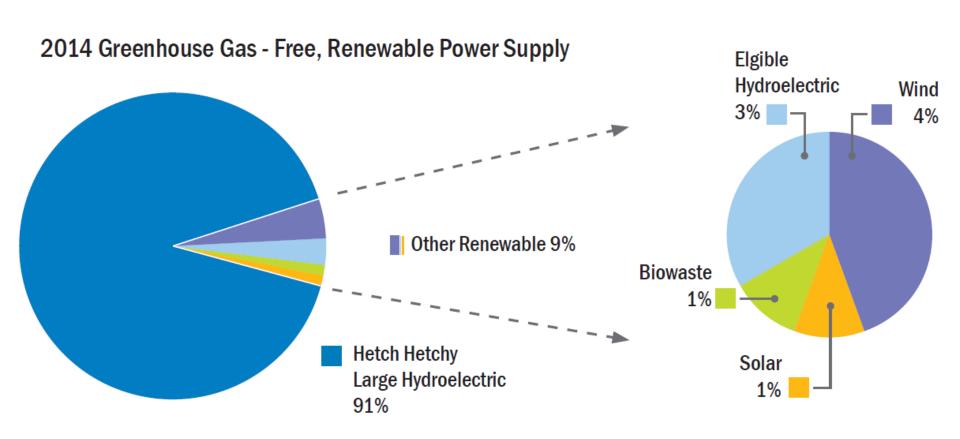
SAN FRANCISCO CLIMATE ACTION

050100





100% Carbon-Free Electricity



Single Family











Qualifying Customers by Program Areas



Small – Medium – Large Businesses & Nonprofits Multifamily Properties Condos & Apartments





Solar Market Development



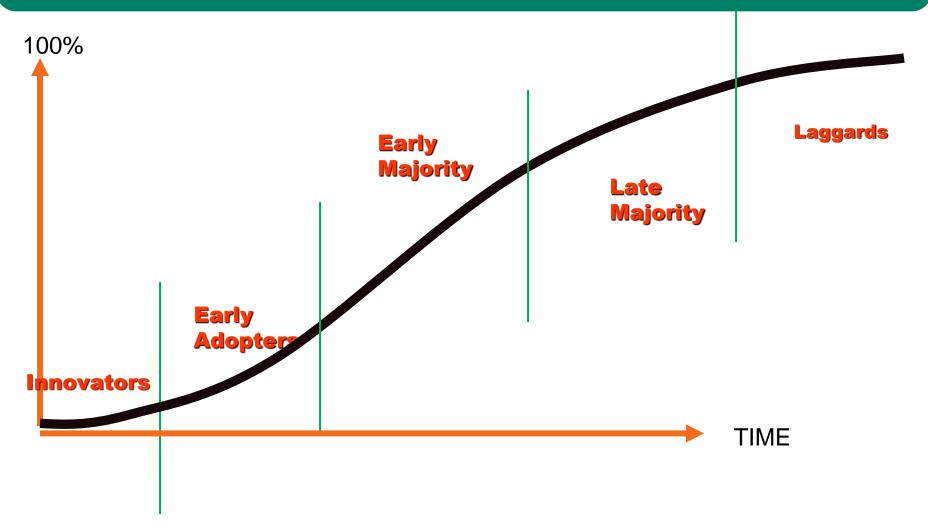
- Solar Task Force
- Streamlined permitting
- Solar Map
- Tours
- Aggregated purchasing
- GoSolarSF incentive
- Affordable Housing
- Municipal facilities



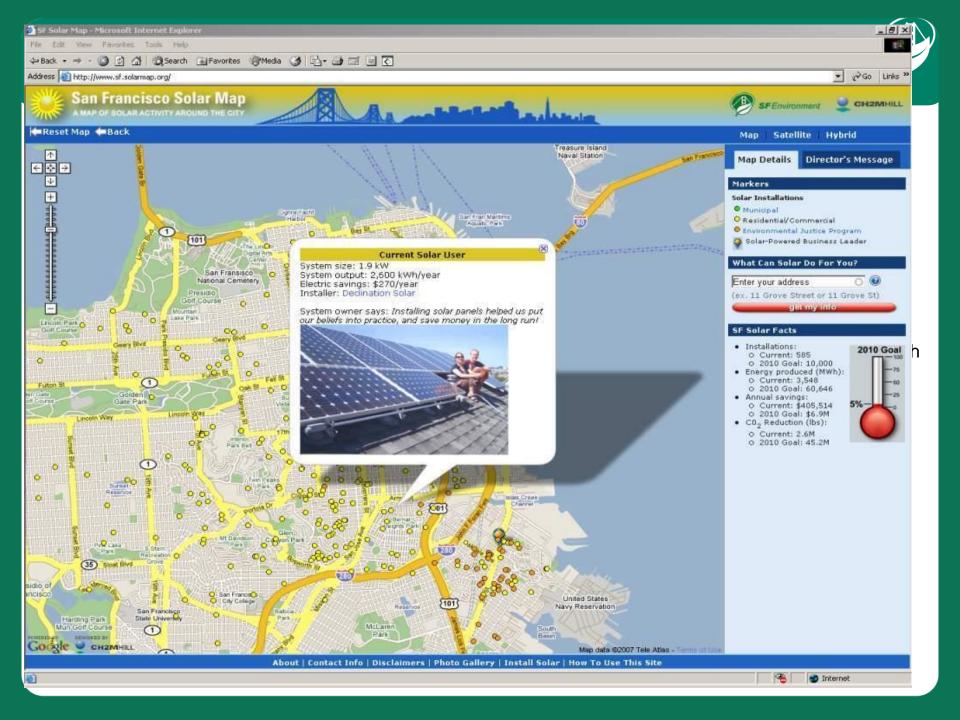


Market Adoption



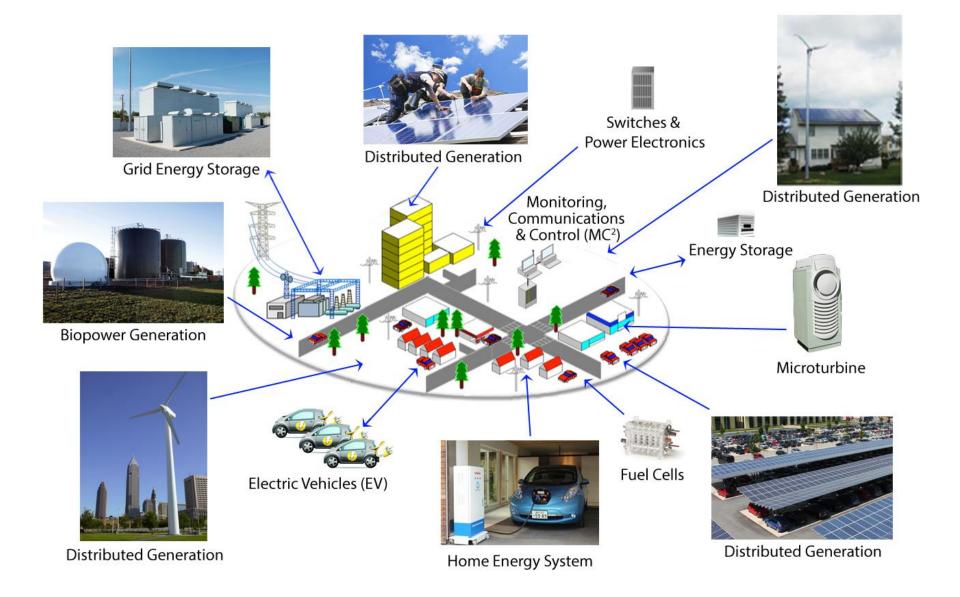






District Systems





Technical Assistance











Law







- Technology & Standards
- Installer Recruitment
- Training
- Marketing
- Tracking (data)
- Audits
- Finance
- Quality Control
- Evaluation (EM&V)



- Sales
- Installation
- IncentivePayments