

Fine Arts Museums of San Francisco

Climate Action Plan: 2012 – 2013



Legion of Honor



de Young

**Fine Arts Museums of San Francisco Departmental Climate Action Plan
Fiscal Year 2012-2013
Prepared By: Al Barna
Date: 03/28/2014**

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1. Introduction

The Fine Arts Museums of San Francisco’s (FAMSF) carbon footprint includes the consumption of energy (electricity, natural gas) in all three of our facilities and the liquid fuels from our vehicle fleet and diesel generators. It is our goal to maintain compliance with the San Francisco Department of Environment’s Greenhouse Gas Emissions Targets and Departmental Climate Action Plan Ordinance (Environmental Code Chapter 9).

To the best of our ability, we have confirmed that the carbon footprint data provided to us on Google Docs is accurate.

The Fine Arts Museums goal is to maintain our commitment to reducing CO2e emissions whenever possible while protecting the museums collections.

2. Departmental Profile

2a. Departmental Mission

The mission of the Fine Arts Museums of San Francisco (the de Young Museum and the Legion of Honor) is to provide, through the development and utilization of the collections, exhibitions, education, and community outreach programs, a rich and diversified experience of art and culture for the Bay Area, Northern California, and national and international audiences.

2b. Departmental Budget

FY12/13 Base			FY12/13 Base Proposed			FY12/13 FINAL		
Legion	deYoung	Total	Legion	deYoung	Total	Legion	deYoung	Total
6, 853, 083	6, 649, 381	13, 502, 464	13, 502, 864	7, 056, 757	14, 559, 621	7, 148, 991	6, 634, 327	13, 783, 318

2c. Number of Employees

The Museums currently employs 572 active employees.

The Fine Arts Museums of San Francisco (FAMSF) workforce comprises (a) employees of the Corporation of the Fine Arts Museums (COFAM) and (b) employees of the City and County of San Francisco (CCSF). There are 321 COFAM employees and 251 CCSF employees.

COFAM: Full-Time—173, Part-Time—15, On-Call—144

CCSF: Full-Time—50, Part-Time—42, On-Call—162

There are 249 computer workstations distributed throughout both museum facilities and the museum warehouse.

2d. Departmental Facilities (location and approximate size)

The Department's facilities are comprised of the following business locations:

deYoung Museum
50 Hagiwara Tea Garden Drive
Golden Gate Park
San Francisco, CA 94118
292,500 sq. ft.

Legion of Honor
100 34th Avenue
Lincoln Park
San Francisco, CA 94121
117,665 sq. ft.

Warehouse
1819 Egbert Avenue
San Francisco, CA 94124
27,440 sq. ft.

2e. Vehicles

The FAMSF uses three vehicles that are maintained by Central Shops. A straight truck and a smaller Sprinter are used primarily for hauling building materials and exhibition furniture between the Museums three locations. A light duty passenger van is used by the Museums Department for on-site education and outreach programming .

2f. Departmental Climate Action Plan Contact

The Fine Arts Museums Climate Action Plan contact is:

Al Barna
Occupational Health and Safety Officer
Phone: 415-750-7631
Email: abarna@famsf.org

3. Total Energy Consumption and Carbon Footprint

3a. The list of facilities used by the Department of the Environment to calculate the FY 2012-2013 Departmental carbon footprint has been verified by the Fine Arts Museums of San Francisco to be accurate and complete.

3b. Fiscal Year 2012-2013 Facilities Energy Consumption and Carbon Emissions Energy Use and Emissions Information

The Fine Arts Museums' carbon footprint includes the consumption of energy (electricity, natural gas) in the three facilities that we occupy and the liquid fuels from our vehicle fleet and diesel generators.

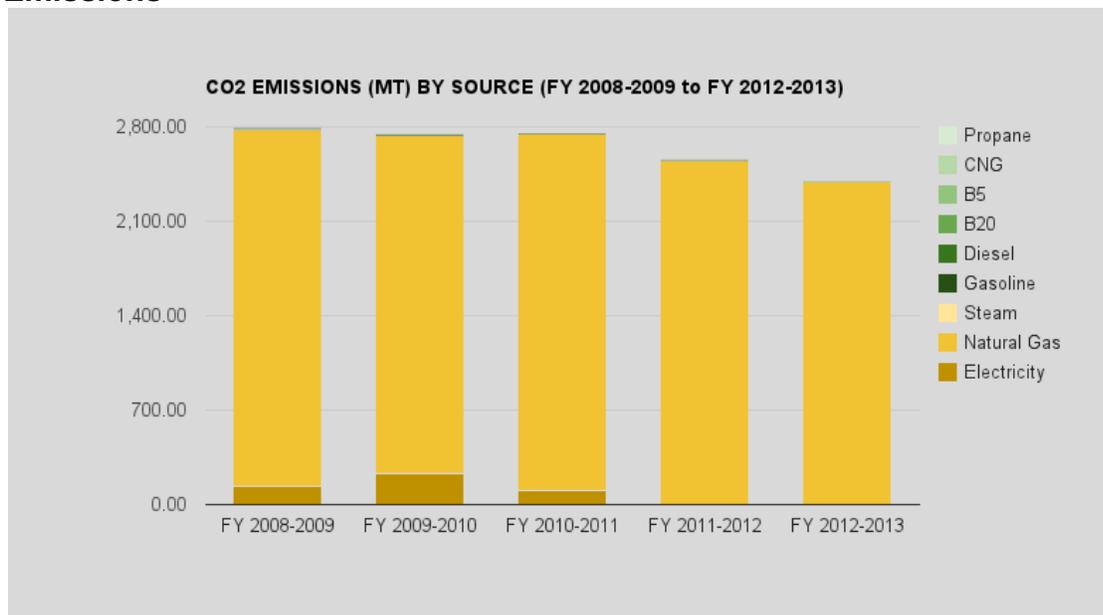
For FY11/12, our CO2e consumption and emissions are verified from the google docs data:

For FY 2011-2012, 2,556.67 metric tons of CO2 emissions were produced from building energy, and 7.64 metric tons of CO2 emissions are from liquid fuels produced our vehicle fleet.

FY 2008-2012 Emissions by Energy Source ANNUAL DEPARTMENTAL CO2 emissions (mt)					
Emission Source Detail:	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013
Electricity	134.83	229.51	101.29	0.00	0.00
Natural Gas	2,646.84	2,506.72	2,641.99	2,549.04	2,392.06
Steam					
Total Building Energy CO2 (mt)	2,781.67	2,736.23	2,743.28	2,549.04	2,392.06
Gasoline	5.56	7.05	5.78	3.49	0.85
B20	3.47	2.97	2.36	4.06	1.22
B5	0.00	0.00	0.31	0.09	5.63
CNG	0.00	0.00	0.00	0.00	0.00
Propane	0.00	0.00	0.00	0.00	0.00
Total Mobile Fuel CO2 (mt)	9.04	10.02	8.45	7.64	7.70
Total CO2 (mt)	2,790.70	2,746.25	2,751.74	2,556.67	2,399.67

Consumption by Source FY 2008-2009 to FY 2012-2013 ANNUAL DEPARTMENTAL CONSUMPTION					
Emission Source Detail (UNITS)	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013
Electricity (kWh)	12,822,994	13,225,132	13,237,489	12,894,446	12,414,326
Natural Gas (th)	498,838	472,431	497,925	480,406	450,733
Steam (lbs)	0	0	0	0	0
Water (gal)		11,558,096	13,510,376	11,767,536	7,120,960
Wastewater Discharge (gal)		10,399,594	12,151,933	10,587,416	6,399,439
Gasoline (gal)	632	800	656	397	96
B20 (gal)	428	366	291	500	0
B5 (gal)	0	0	32	9	0
CNG (GGE)	0	0	0	0	0
Propane (gal)					0

3c. 5-Year Historical Analysis of Facilities Energy Consumption and Carbon Emissions



3d. Vehicle List and Fuel Data Verification Statement

Vehicle Information: 621: Fine Arts Museums						Fiscal Year 2012-2013 Central Shops Fuel Total by Vehicle				
GSA Asset #	Vehicle Type	Year	Make	Model	Vehicle Fuel Type	Total CNG (GGE)	Total B20 (gal)	Total B5 (gal)	Total Gasoline (gal)	Propane (gal)
621-600	Truck	2005	Intl		Diesel	0	130	442	0	0
621-601	Truck	2009	Dodge		Diesel	0	169	9	0	0
621-501	Ld van	2000	Ford		Gasoline	0	0	0	96	0

The Corporation of The Fine Arts Museums of San Francisco, a private corporation, also owns two vehicles used by our department. A straight truck is used by the Museums Store, and a small transit van is used by the Museum Courier.

3e. Fiscal Year 2012-2013 Vehicle Fuel Consumption and Carbon Emissions

TOTAL FUEL	Fuel Consumption				
Fuel Type (units)	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013
Gasoline (gal)	632	800	656	397	96
Diesel or equivalent (gal)	0	0	0	0	0
B100 equivalent (gal)	0	0	0	0	0
B20 (gal)	428	366	291	500	150
B5 (gal)	0	0	32	9	584
CNG (GGE)	0	0	0	0	0
Propane (gal)	0	0	0	0	0

3f. 5-Year Historical analysis of Vehicle Fuel Consumption and Carbon Emissions

CO2 Emissions By Source (FY 2008-2009 TO FY 2012-2013)					
ANNUAL DEPARTMENTAL CO2 EMISSIONS (MT)					
Emission Source Detail (mt):	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013
Gasoline	5.56	7.05	5.78	3.49	0.85
Diesel (or equivalent)	0.00	0.00	0.00	0.00	0.00
B100 equivalent	0.00	0.00	0.00	0.00	0.00
B20	3.47	2.97	2.36	4.06	1.22
B5	0.00	0.00	0.31	0.09	5.63
CNG	0.00	0.00	0.00	0.00	0.00
Propane	0.00	0.00	0.00	0.00	0.00
Total Mobile Fuel CO2 (mt)	9.04	10.02	8.45	7.64	7.70
Total CO2 (mt)	2,791.21	2,746.74	2,752.25	2,557.17	2,399.76

4. Efforts in Facility Energy Reduction

4a. Energy Efficiency and Retrofit Projects

The Fine Arts Museums of San Francisco (FAMSF) in partnership with the San Francisco Public Utilities Commission (SFPUC) have implemented a series of HVAC efficiency improvements for the de Young Museum.

Measure Number	Measure Description	Annual Energy and Cost Savings						Cost Effectiveness (9.0 cts/kWh)		
		Electricity Savings (kWh)	Peak Savings (kW)	Gas Savings (therms)	Department (3.75 cts/kWh)	Cost of Service (9.0cts/kWh)	Gas Cost Savings (\$)	Total Utility Savings	SFPUC Estimated Project Cost	Simple Payback (yr)
EEM-1	Reduce air flow to non-critical zones after hours	73.807	0.0	980	\$2.768	\$6.643	\$649	\$7.291	\$3.711	0.5
EEM-2	Reactivate after hours turn down of CAV systems	250.767	0.0	6.069	\$9.404	\$22.569	\$4.017	\$26.586	\$38.936	1.5
EEM-3	Install Melink system to control kitchen exhaust hoods	24.251	0.1	332	\$909	\$2.183	\$220	\$2.403	\$25.422	10.6
EEM-4	Fully open triple duty valves and balance flow with VFD's for primary CHW pumps	56.277	0.0	0	\$2.073	\$4.975	\$0	\$4.975	\$14.705	3.0
EEM-5	Fully open triple duty valves and balance flow with VFD's for primary CHW pumps	19.904	0.0	0	\$746	\$1.791	50	\$1.791	\$10.110	5.6
EEM-6	Calibrate temperature, RH and CO2 sensors and test control valves, and replace failed equipment	86.419	0.0	7.523	\$3.241	\$7.778	\$4.980	\$12.757	#143.451	11.2
EEM-7	Integrate boiler controls with the EMCS and implement HHW supply temperature setpoint reset	696	0.0	4.006	\$26	\$63	\$2.651	\$2.714	\$20.668	7.6
TOTAL CONSTRUCTION COST AND SAVINGS		511, 122	0.1	18, 911	\$19, 167	\$46,001	\$12, 517	\$58, 518	\$257, 004	4.4
SFPUC SOFT COSTS									\$109, 220	
TOTAL SFPUC PROJECT COSTS AND SAVINGS		511, 122	0.1	18, 911	\$19, 167	\$46,001	\$12, 517	\$58, 518	\$366, 224	6.3

The following HVAC projects are included in the scope of work for the de Young Museum HVAC retrofit.

- Reduce air flow to non-critical zones after hours
- Re-activate after hours turn-down of constant air volume systems
- Install Melink Intelli-hood system to control kitchen exhaust fans
- Install VFD's for primary CHW pumps

- Install VFD's for primary HHW pumps
- Calibrate temperature, relative humidity and CO2 sensors and test control valves and damper actuators, and replace failed controls components
- **Integrate boiler controls with the EMCS and implement HHW supply temperature setpoint reset (*incomplete)**

4b. Energy Benchmarking and Compliance with the Energy Performance Ordinance

In order to comply with the Existing Buildings Energy Performance Ordinance (ORD 17-11, SF Environment Code Chapter 20), The Fine Arts Museums of San Francisco assisted the SFPUC in producing the 2011 Energy Benchmarking Report for San Francisco Municipal Buildings by verifying our Departments list of facilities, and the existing data for each facility (street address, year built, gross square footage, and building type).

The 2011 Energy Benchmarking Report is available at:

<http://www.sfwater.org/modules/showdocument.aspx?documentid=2938>

The Fine Arts Museums of San Francisco reviewed the list of it's facilities, which are sorted in the report by building type and listed in order of Energy Use Intensity (EUI) — the total annual energy use of the facility (in BTUs) divided by square feet of building area.

The SFPUC has conducted an energy audit for all three Fine Arts Museums facilities.

Facility Type	# of Facilities Benchmarked for The Fine Arts Museums Facility Type	Page Number(s) in Benchmarking Report
Art/Cultural Center	2	16
Warehouses	1	26

4c. Compliance With the Commercial Lighting Efficiency Ordinance

All buildings owned by the Fine Arts Museums are compliant with the requirements outlined in the Commercial Lighting Efficiency Ordinance (SF Building Code Chapter 13D).

4d. Information Technology

The Fine Arts Museums have completed a server consolidation project of rack-mounted servers to either virtual servers or blade servers. Both types reduce power and AC needs.

Former Server Room	4958 Watts/HR	16,200 BTU/HR
Consolidated Server Room	1950 Watts/HR	6,653.4 BTU/HR

All monitors are set to power save mode after 20 minutes of inactivity.

The Fine Arts Museums purchases Electronic Product Environmental Assessment Tool (EPEAT) Gold Standard certified products. We currently purchase the HP Compaq Elite 8300 SFF PC and the Lenovo ThinkPad X1.

A recent telephone system upgrade has reduced energy consumption from 2000 Watts/HR to 900 Watts/HR.

4e. Renewable Energy

There have been no renewable energy system projects implemented in FY 2012-2013

4f. Green Building

In an effort to increase our energy efficiency and conservation, the museums have been installing the V-Mod HVAC/UVGI maintenance tool. A typical installation of the V-Mod can potentially pay for itself in less than one year through energy and maintenance savings. When installed, the lamp destroys contaminants in the HVAC system, including molds and bacteria and maintains the system to virtually original specifications making it an extremely versatile UV-C system. The system delivers better energy savings through improved system efficiency. This system produces no ozone, gases, or other noxious fumes, and eliminates the need for chemical coil cleaning treatments. This project was started in the final quarter of 2010 and will continue into the next fiscal year. To date, eight of eleven air-handling units (AHU) have been retrofitted with UVGI systems.

The new de Young Museum provides ideal conditions for viewing the collection and is also an example of sustainable design. Sustainable design combines energy and resource use in both the construction and operation of a building as well as indoor air quality and pollution reduction.

The roof form with the long canopy on the west side shades the walls and glazing from direct solar radiation, which significantly reduces the cooling load on the building. The materials used in the exterior walls provide sufficient insulation.

The primary function of the air-conditioning systems is to preserve the collection and to provide comfortable conditions for viewing. The systems are designed to be energy efficient. Supply air is introduced at floor level, which takes advantage of stratification in the gallery spaces to reduce cooling loads and provide stable internal conditions. This system also reduces the total fan-pressure, which reduces electrical consumption by the fans. This low-level supply system uses a higher temperature for supply air than the conventional ceiling supply system, which in the mild climate of Golden Gate Park results in reduced demand for mechanical cooling.

The chillers, the central source of cooling for the building, are very efficient and use a refrigerant that does not deplete the Ozone Layer.

Direct sunlight into gallery spaces is undesirable, however, diffuse daylight in gallery spaces not only reduces electrical energy use it provides a better quality of light for viewing artwork. Daylight is introduced to the gallery spaces in two ways. Vertical shaded glass lets in diffused daylight from the main courtyard and the south facing façade above the main entrance. Skylights with light baffles and reflectors introduce

controlled daylight into gallery rooms on the upper floor. The glass used is a high performance type that lets in visible light yet cuts out a large percentage of the solar gain.

Much of the copper used for the building façade was recycled copper. Copper is 100% recyclable.

The wood used in floors, ceilings and art cases is from sustainable growth forests in Australia.

Fly ash (a fine, glass-like powder recovered from gases created by coal-fired electric power generation) was used in the concrete, thus using a material that would otherwise go into landfills.

More than 85% of the materials from the demolition of the old de Young and Asian Art Museum were recycled. This included more than 13,000 tons of concrete, 108 tons of asphalt, 40 tons of steel, and 50 tons of steel reinforcing bars from the concrete.

The rainwater runoff from the roof goes into recharge chambers under the Sculpture Garden rather than going into the city sewers.

Energy Conservation and Efficiency Measures

HVAC: FAMSF is using the economizer operation on 13 of 14 total Air Handling Units (AHU) that supply our facilities. The AHU's condition air in four ways: heat, cool, dehumidify, and humidify. The AHU then distributes the preconditioned air to the zones for tempering as needed to maintain zone set points. The AHU's condition the air in two ways; mechanically, or through economized control. Mechanical cooling is done through chiller plants. There are three chiller plant types utilized in FAMSF facilities designed to minimize energy consumption for fluctuating demands: helicals, adaptive frequency drive centrifugals, and an air cooled system two-stage screw type compressors.

Building Automation System (BAS): These systems are incorporated into all main equipment within the facilities. The BAS monitors, balances, and controls the interactions between equipment and climate settings. The system dictates operation and sets parameters from which all equipment functions. The BAS fine-tunes temperature and humidity control to various zones in the museums using Proportional Integral Derivative (PID) calculations that balance and maintain climate. With zone climates maintained, the systems as a whole see fewer energy spikes which lead to significant savings during peak demand hours.

Lighting: FAMSF uses two general lighting system control types to maintain efficiency and reduce energy consumption: dimming control, and lighting control relay systems (Wattstopper). The dimming control is integrated with Wattstopper at the FAMSF's largest facility, increasing the level of efficiency. Wattstopper automatically sheds gallery lighting after the museums close to reduce energy consumption. Exterior lights adjust automatically for sunset and sunrise throughout the year. Photocells turn off gallery backlit skylights at FAMSF's largest facility. Motion sensors turn off lights in workspaces when no motion is detected. Incandescent and fluorescent brightness can be dimmed in several areas of the museums, resulting in considerable energy savings.

Our water efficiency and conservation program is under development. All plumbing fixtures in the de Young Museum are equipped with water saving motion sensors. We are in the process of determining the cost effectiveness of replacing the current battery operated motion sensors with a hard-wired system.

5. Efforts in Water Use Reduction

5a. Water Data Verification Statement

The list of water accounts used by the Department of the Environment to calculate annual departmental water use has been verified by the Fine Arts Museums of San Francisco to be accurate and complete.

5b. Fiscal Year 2012 – 2013 Water Consumption and Wastewater Discharge

FY 2008-2009 to FY 2012-2013 Annual Water Consumption and Wastewater Discharge					
Emission Source Detail (UNITS)	FY 2008-2009	FY 2009-2010	FY 2010-2011	FY 2011-2012	FY 2012-2013
Water (gal)		11,558,096	13,510,376	11,767,536	7, 120,960
Wastewater Discharge (gal)		10,399,594	12,151,933	10,587,416	6,399,439

5c. 4-Year Historical Analysis of Water Consumption and Wastewater Discharge

The Fine Arts Museums FY 2012-2013 water consumption was 7,120,960 gallons. Water consumption at the Fine Arts Museums can vary due to the potential popularity of any scheduled exhibition. Fluctuations in water consumption over the past four years tend to reflect some of the more heavily attended exhibitions that have been presented.

5d. Water Conservation

The Fine Arts Museums have complied with a City mandate to reduce the amount of irrigation water used by 10%.

6. Efforts in Vehicle Fuel Reduction

6a. Compliance With the Healthy Air and Clean Transportation Ordinance

The Healthy Air and Clean Transportation Ordinance (HACTO) is a mandate that all City employees and departments should use sustainable transportation such as public transit, walking, ridesharing, or biking to minimize single-occupancy vehicle transportation as much as possible, and when it is not, to use green vehicles. To implement this ordinance, each department is required to develop a Transit First plan outlining how your department will implement the various sustainable options to reduce vehicle usage and a Transit First report on implementation. For departments that manage their own fleet of vehicles, fleet size must be reduced by 5% annually.

6b. Transit First Campaign

The Fine Arts Museums encourage employees to commute sustainably to work by offering secure bike-parking lockers and bike racks at our facilities. We also encourage employees to participate in the Pre-Tax Commuter Benefits Program.

The Fine Arts Museums participate in the CityCycle program. We provide a bicycle for employees wishing to use it for work-related travel.

7. Other Sustainable Practices

7a. Zero Waste

In 1993, FAMSF implemented a Waste Minimization Program designed to identify waste minimization techniques, strategies, and resources available to reduce or eliminate the generation of hazardous waste. This program is in compliance mandated by the U.S. Congress Resource Conservation and Recovery Act (RCRA) in 1984.

In 2009, a recycling and composting program was implemented that is compliant with provisions established by the City and County of San Francisco. Recology services are provided by Sunset Scavenger.

Batteries, fluorescent tubes/bulbs, and hazardous chemicals are recycled in conjunction with the San Francisco Department of Public Health. Pickup and removal is scheduled on a quarterly basis.

A Hazardous Materials Unified Program Agency (HMUPA) Compliance Certificate is issued on an annual basis. Maintaining the certificate is contingent upon compliance with all provisions of Articles 21, 21A, 22, 24, and 30 of the San Francisco Health Code (SFHC).

In 1997, an Integrated Pest Management Program was created in accordance with the City of San Francisco's Pesticide Ordinance. The program is administered and monitored by an in-house IPM committee.

Paper Reduction

The following procedures have been implemented in an effort to reduce paper use:

- An electronic invoice scanning program called Paper Save
- 100% recycled paper for copy machines and printers
- e-mail and e-file
- hand towel waste composting
- Installation of Dyson Airblade hand dryers
- Recycled wet umbrella bags

- Encourage double-sided document printing
- ADP system paperless time cards
- Reusable gallery guide and pamphlet receptacles

Facility Name	Address	#1 Trash Item	Action to eliminate it from landfill
De Young Museum	50 Hagiwara Tea Garden Drive	Rest room hand towels	Hand towel waste is inspected for contaminants and then diverted to the compost bin.
Legion of Honor	100 34 th Avenue		Installation of Dyson Airblade dryers at designated locations

7b. Carbon Sequestration/Urban Forest

The outdoor environment of the new de Young features a public sculpture garden and terrace beneath a cantilevered roof; a children’s garden; and landscaping that creates an organic link between the building and the surrounding environment on all four sides. The landscape design integrates historic elements from the old de Young—including the sphinx sculptures, the Pool of Enchantment, and the original palm trees—as well as sandstone, redwood, ferns and other plants and materials relevant to the site. There are interior fern and eucalyptus courts. This creates a museum that is permeable, open, and inviting to the public.

7c. Community Wide Impact

The Fine Arts Museums have presented a number of exhibitions that have examined environmental and sustainable issues with education, information, hands-on activities, and programs designed by the museums Education Department.

We have implemented a comprehensive composting and recycling program in all of our café’s and staff lounges.

Visitors who present a MUNI fast pass or valid transfer receive a \$2 discount off the standard museum admission price.

8. Report Summary and Departmental Climate Action Goals

The Fine Arts Museums of San Francisco strives to provide a high quality cultural experience for visitors and a safe and healthy workplace for employees with minimal impact on the natural environment in Golden Gate Park, Lincoln Park, and the City and County of San Francisco.

The Fine Arts Museums of San Francisco recognizes the importance and benefits of reducing the museums carbon footprint. We will continue to explore opportunities and methods to implement sustainability policies that are socially, environmentally, and economically sound. Our challenge is to strike a balance between the conservation requirements of the collections and the needs of museum staff and visitors, and the museums impact on the environment.

Appendix A

Healthy Air and Clean Transportation Ordinance Departmental Plan for Vehicle Reduction and Transit-First Programs

The City is committed to achieve its air pollution and greenhouse gas reduction goals by promoting the use of zero or ultra-low emissions vehicles, minimizing the use of single-occupancy vehicles, promoting the use of transit and other driving-alternatives in carrying out official duties, and reducing the total number of passenger cars and light-duty trucks, vans, and SUVs (under 10,000 lbs. GVW) in the municipal fleet. The Department of the Environment shall provide guidance and resources for City Departments working to develop and implement their Transit-First and vehicle reduction programs. This document is a template and guide for the Departments of the City and County of San Francisco to develop and report on their strategies as required by the Healthy Air and Clean Transportation Ordinance (Chapter 4 of the City's Environmental Code).

HACTO Submission Forms 2013

Department *	Fine Arts Museums
Name of Person Preparing Report *	Al Barna
Title of Person Preparing Report *	Occ. Health and Safety officer
Email of Person Preparing Report *	abarna@famsf.org
Name of Department Director *	Charlie Castillo
Acknowledgement *	I acknowledge that the information provided is accurate.
Does your department promote or plan	Yes

to promote employees to use public transit for work-related travel? *

What resources will your department offer? *

Clipper Card

From looking at last year's HACTO Plan, please describe the successes and challenges of promoting transit for work-related travel: *

Employees from outlying areas have difficulty coordinating the use of multiple public transportation agencies to get to and from work in a timely manner.

Does your department offer employees access to bicycles for work-related travels? *

Yes

Are they part of the CityCycle program? *

Yes

How many bicycles are available? *

1

How many locations have CityCycle bikes? *

1

From looking at last year's HACTO Plan, please describe the successes and challenges of promoting bicycles for work-related travel:

Weather conditions and distance travelled provide the biggest challenge.

Does your department belong or have a plan to belong to a City vehicle pool or car-sharing program for work-related travels? *

No

What are the reasons for not

Our locations in Golden Gate and Lincoln Parks and employee

encouraging or planning to encourage employees to use car-sharing for work-related travel? * schedules are not ideal for car-sharing .

Is your department able or have plans to host a tele-conference call? * Yes

Is your department able or have plans be able to host a video-conference call? * Yes

Please use this space to describe in greater detail all of your department's Transit-First programs related to at work travel: * FAMSF provides bicycle racks for visitors and employees. Museum employees are eligible for enrollment in a pre-tax transit pass program designed by WAGE WORKS

Does your department promote or have plans to promote the use of public transit for commuting to/from work? * Yes

How will you promote public transit? * Encourage participation in the Pre-Tax Commuter Benefits program

From looking at last year's HACTO Plan, please describe the successes and challenges of promoting public transit for commuting to/from work: * Weather and residential locations provide a challenge for museum employees who commute to work.

Does your department promote or plan to promote the use of bicycles for commuting to/from work? * Yes

How will you promote bicycle commuting? * Provide indoor/safe bike storage

	Offer on-site showers and/or lockers
These bicycle-friendly resources are available at: *	All locations
From looking at last year's HACTO Plan, please describe the successes and challenges of promoting bicycling for commuting to/from work: *	Employees are very comfortable driving to work. Physical limitations, family obligations and scheduling provide challenges to promoting bicycle commuting
Does your department plan to promote the use of ridesharing for commuting to/from work? *	Yes
How will you promote ridesharing? *	Encourage registration in the 511-matching program
From looking at last year's HACTO Plan, please describe the successes and challenges of promoting ridesharing for commuting to/from work: *	Based on last years HACTO survey, commuters are comfortable driving a single occupant vehicle in order to maximize the needs and obligations of their daily work and non-work obligations.
D. Does your department offer or plan to offer tele-commuting? *	Yes
From looking at last year's HACTO Plan, please describe the successes and challenges of promoting tele-commuting: *	Tele-commuting is offered on a case by case basis.
Please use this space to describe in greater detail all of your department's Transit-First programs related to commuting to/from work: *	The Fine Arts Museums encourage employees to commute sustainably to work by offering secure bike-parking lockers and bike racks at our facilities. We also encourage employees to participate in the Pre-Tax Commuter Benefits Program. The Fine Arts Museums participate in the CityCycle program.

We provide a bicycle for employees wishing to use it for work-related travel.

Campaign Options *

2. Poster & e-communications campaign

How many vehicles is your department
planning to remove from service in
FY13-14 (July 1, 2013-June 30, 2014)?

0

*

How many vehicles is your department
planning to change the status of
vehicles turned in for credit toward your
vehicle reduction requirement in FY13-
14 (July 1, 2013-June 30, 2014)? *

0

The number of vehicles your
department plans to remove is: *

Equal to or more than the number needed to be compliant.

You have completed this section of HACTO. Thank You.