

Federal Housing Finance Agency

2011 Sustainability Plan



October 2011

In accordance with Executive Order 13514, the Federal Housing Finance Agency (FHFA) has developed its Sustainability Plan. FHFA is committed to reducing the agency's greenhouse gas emissions and incorporating sustainability requirements into our daily operations.

As background information, FHFA is a small independent non-appropriated funded agency in the executive branch of the United States government. FHFA is responsible for the supervision, regulation, and housing mission oversight of Fannie Mae, Freddie Mac, and the Federal Home Loan Banks.

FHFA is pursuing several initiatives to improve our sustainability performance and achieve our reduction targets. First, FHFA is optimizing office space by consolidating the agency's facilities into one building and encouraging employees to work from home. The latter will reduce travel emissions. The new building will include sustainability designs that current facilities lack. Further, FHFA is consolidating our information technology data centers to optimize information technology operations. FHFA will continue to encourage employees to take part in our program that covers all costs of public transportation.

The actions outlined will provide tangible benefits to the agency. Communication plans must be developed to raise awareness and acceptance for programs such as telework, out-stationed employees, and recycling/waste reduction initiatives. Systems and processes must also be put into place to gather data and monitor performance against sustainability targets. These activities have been included in the Sustainability Plan.

Randolph Sinkler
Senior Sustainability Officer
Facilities Manager

I. Agency Policy Statement (optional image)

II. Sustainability and the Agency Mission

I. Sustainability and the Agency Mission

The Federal Housing Finance Agency is a small independent non-appropriated funded agency in the executive branch of the United States Government. FHFA was created on July 30, 2008, when President Bush signed into law the Housing and Economic Recovery Act of 2008 (HERA). HERA created a single regulator to oversee vital components of our country's secondary mortgage markets – Fannie Mae, Freddie Mac, and the Federal Home Loan Banks. A critical component of the law was combining the existing staffs of the Office of Federal Housing Enterprise Oversight (OFHEO), the Federal Housing Finance Board (FHFB), and the GSE mission office at the Department of Housing and Urban Development (HUD).

The mission of FHFA is to “Provide effective supervision, regulation and housing mission oversight of Fannie Mae, Freddie Mac and the Federal Home Loan Banks to promote their safety and soundness, support housing finance and affordable housing, and support a stable and liquid mortgage market.”

FHFA has developed a Strategic Plan [1] that includes a Resource Management Strategy that states “FHFA has the personnel, resources and infrastructure to manage effectively and efficiently to achieve its mission and goals.”

Achieving the sustainability targets will have the biggest effect in the resource management areas, specifically the facilities management, travel, employee commuting, and information technology. FHFA is continually looking for innovative ideas to house, deploy, and connect its employees.

Size and Scope of Operations

Size and Scope of Operations	Number	Comment
Total # Employees	455	
Total Acres Land Managed	0	
Total # Facilities Owned	0	
Total # Facilities Leased (GSA lease)	0	
Total # Facilities Leased (Non-GSA)	3	
Total Facility Gross Square Feet (GSF)	180	
Operates in # of Locations throughout U.S.	3	
Operates in # of Locations outside of U.S.	0	
Total # Fleet Vehicles Owned	0	

Size and Scope of Operations	Number	Comment
Total # Fleet Vehicles Leased	5	
Total # Exempted-Fleet Vehicles (Tactical, Emergency, etc.)	0	
Total Operating Budget FY 2010 (\$MIL)	163400000	
Total # Contracts Awarded FY 2010	652	
Total Amount Contracts Awarded FY 2010 (\$MIL)	42764068.02	
Total Amount Spent on Energy Consumption FY 2010 (\$MIL)	6661.2	
Total BTU Consumed per GSF		
Total Gallons of Water Consumed per GSF		
Total Scope 1 & 2 GHG Emissions (Comprehensive) FY 2008 Baseline MMTCO _{2e}	13.5	
Total Scope 1 & 2 GHG Emissions (Subject to Agency Scope 1 & 2 Reduction Target) FY 2008 Baseline MMTCO _{2e}		
Total Scope 3 GHG Emissions (Comprehensive) FY 2008 Baseline MMTCO _{2e}	1135.2	
Total Scope 3 GHG Emissions (Subject to Agency Scope 3 Reduction Target) FY 2008 Baseline MMTCO _{2e}		

II. Sustainability and the Agency Mission (optional image)

III. Greenhouse Gas Reduction Goals

FHFA is based in Washington, D.C. and does not operate field or regional offices. FHFA currently leases space in three commercial buildings. FHFA has approximately 500 employees. The vast majority of employees are based in Washington, D.C. FHFA has out-stationed bank examiners who are located throughout the country and work remotely from home offices when not on-site conducting bank examinations.

Scope 1 & 2 Greenhouse Gas Emissions

Electricity Consumption

FHFA currently leases 184,864 square feet of space in three commercial buildings. The building landlords pay the utilities for 98% of the office space. FHFA pays for electricity in a small portion of leased space (3,726 square feet) in one of the buildings. This portion of the building includes a large conference room, storage, and locker

rooms. The electricity purchased for this space compromises the FHFA greenhouse gas (GHG) emission baseline for Fiscal Year (FY) 2008. In FY 2008, FHFA consumed 49.4 MWH of electricity to operate this space.

In January of 2010, we established a 30% reduction target that would reduce the electricity consumed for this space to 34.6 MWH by FY 2020. To achieve the reduction target, we have reduced use of unnecessary lighting by installing motion sensors, and monitoring the use of heating and cooling, especially during the warmer months.

FHFA is also moving into a greener facility.

FHFA Fleet

FHFA does not operate a fleet of twenty or more vehicles.

Scope 3 Greenhouse Gas Emissions

The current FHFA target is to reduce the GHG emissions due to employee travel by 5% by 2020.

Due to the agency's size, facility leasing, and mission, the overwhelming majority of FHFA's Scope 3 GHG emissions comes from business travel and employee commuting. FHFA's business travel is required to conduct on-site examinations of regulated entities.

FHFA conducted an employee commuter survey to develop the commuter baseline. The survey responses identified some reduction opportunities for employee commuting. First, only 18% of the survey responses indicated that they telework on a regular basis. Increasing the use of telework will reduce the total number of days that employees commute to the office. Second, for those that responded, the leading method of transportation for commuting was by car. Increasing the number of people using public transportation will also reduce GHG emissions. The survey methodology directs agencies to count non-responders as car commuters who travel to the office five days per week. This approach is aligned with the LEED for Existing Buildings and SCAQMD methodologies. In the FHFA employee commuter survey over two hundred employees did not respond and are counted as car commuters for the baseline. Based on participation in the agency's parking and transit benefit programs, the number of car commuters is significantly overstated. In future years, employee participation should be increased and/or the survey methodology changed to address this issue

FHFA does not receive any ARRA investments.

III. Greenhouse Gas Reduction Goals (optional image)

IV. Plan Implementation

The Sustainability Plan will be implemented by the Facilities Manager who is the FHFA SSO. Implementation will require action and support from various FHFA divisions and offices. Because of their operational responsibilities, some offices will be more involved in the implementation as outlined below.

1. Facilities Management Office (FMO) – Responsible for managing the facilities including day-to-day building operations, coordination of building repairs and maintenance, purchase of office supplies and equipment, and coordination with building management.
2. Office of Budget and Financial Management (OBFM) – Responsible for the budget, travel, acquisition, and strategic planning programs.
3. Office of Human Resources Management (OHRM) – Responsible for the agency’s human resources functions including coordination of the telework program.
4. Office of Information and Technology Management (OTIM) – Responsible for the information technology systems and hardware including the data center consolidation plan.
5. Division of Enterprise Regulation (DER) and Division of FHLBank Regulation (DBR) – Responsible for conducting examinations of the regulated entities including the work completed on-site and required business travel.

IV. Plan Implementation (optional image)

Table 1: Critical Planning Coordination

Originating Report / Plan	Scope 1 & 2 GHG Reduction	Scope 3 GHG Reduction	Develop and Maintain Agency Comprehensive GHG Inventory	High-Performance Sustainable Design/Green Buildings	Regional and Local Planning	Water Use Efficiency and Management	Pollution Prevention and Waste Elimination	Sustainable Acquisition	Electronic Stewardship and Data Centers	Agency Specific Innovation
GPRA Strategic Plan	No	No	No	No	No	No	No	No	No	Yes
Agency Capital Plan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
A-11 300s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Originating Report / Plan	Scope 1 & 2 GHG Reduction	Scope 3 GHG Reduction	Develop and Maintain Agency Comprehensive GHG Inventory	High-Performance Sustainable Design/Green Buildings	Regional and Local Planning	Water Use Efficiency and Management	Pollution Prevention and Waste Elimination	Sustainable Acquisition	Electronic Stewardship and Data Centers	Agency Specific Innovation
Annual GHG Inventory and Energy Data Report	Yes	No	Yes	N/A	N/A	N/A	N/A	Yes	N/A	N/A
EISA Section 432 Facility Evaluations/Project Reporting/Benchmarking	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Budget	No	No	N/A	N/A	N/A	N/A	N/A	No	Yes	Yes
Asset Management Plan / 3 Year Timeline	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Circular A-11 Exhibit 53s	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
OMB Scorecards	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DOE's Annual Federal Fleet Report to Congress and the President	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Data Center Consolidation Plan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	N/A
Environmental Management System	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No	N/A

Originating Report / Plan	Scope 1 & 2 GHG Reduction	Scope 3 GHG Reduction	Develop and Maintain Agency Comprehensive GHG Inventory	High-Performance Sustainable Design/Green Buildings	Regional and Local Planning	Water Use Efficiency and Management	Pollution Prevention and Waste Elimination	Sustainable Acquisition	Electronic Stewardship and Data Centers	Agency Specific Innovation
Instructions for Implementing Climate Change Adaptation Planning	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other (reports, policies, plans, etc.)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

V. Evaluating Return on Investment

FHFA is a small independent non-appropriated funded agency and does not typically fund a large amount of investment projects requiring evaluation and prioritization. FHFA does maintain an Investment Review Board (IRB) to review and approve large investments. When initiatives are presented to the IRB, they include a cost/benefit analysis to outline the investment and document the decision. The analysis will include a quantitative analysis such as initial investment, annual operating costs, and projected savings. The analysis will also include qualitative analysis such as impact on employees, service delivery improvements, change management requirements, project risks, and the effect on agency compliance with applicable laws, regulations, and strategic directives.

V. Evaluating Return on Investment (optional image)

VI. Transparency

FHFA will communicate its progress and results within the agency by posting the Sustainability Plan to the agency intranet site. In addition, the SSO will increase employee awareness through e-mail distribution and posted notices within the agency.

VI. Transparency (optional image)

Section 2: Performance Review & Annual Update (Update and Submit Annually)

I. Summary of Accomplishments

In FY 2011, FHFA has made the following accomplishments for GHG emission reduction.

1. Appointed Randolph Sinkler, Facilities Manager, as the agency's SSO.
2. Reviewed the requirements of Executive Order 13514 and identified Scope 1, Scope 2, and Scope 3 GHG emissions and reduction targets.
3. Conducted an employee commuter survey.
4. Continued with plans to consolidate agency data center operations and infrastructure.
5. Continued with plans to consolidate agency facilities.

Goal 1: Scope 1 & 2 Greenhouse Gas Reduction (Basic Performance Discussion, A - H)

- a. **Goal description:** FHFA will reduce energy use in non-leased property
- b. **Agency lead:** Randolph Sinkler, Facilities Manager
- c. **Implementation methods:** FHFA is moving into a new building in which all utilities are covered by the lease. Therefore, the milestones for FY2011 and FY2012 are zero energy use.
- d. **Positions:** Contractors and administrative staff will oversee and deal with the specifics of the move-in.
- e. **Planning Table:**

FY2011

FY2012

FHFA will continue preparations to move into the new building.

FHFA will move into the new building.

- f. **Agency Status:** The agency has been successful in plans to move into a new building. Previously, FHFA focused on installing motion sensor-activated lights to reduce energy use in non-leased space, but this will no longer be necessary.

g. **Return on Investment:** Projects aimed at reducing energy in agency-owned space will be eliminated as there will no longer be any agency-owned space.

h. **Highlights:** There have been no significant successes or challenges.

Goal 1: Scope 1 & 2 Greenhouse Gas Reduction (Planning Table)

.	SCOPE 1&2 GHG TARGET	Unit	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
Buildings										
Buildings										
Buildings	Energy Intensity Reduction Goals (BTU/SF reduced from FY03 base year)	%	15	100	100	100	100	100		
Buildings	Planned Energy Intensity Reduction (BTU/SF reduced from FY03 base year)	%	15	100	100	100	100	100	100	100
Buildings	Renewable Electricity Goals (Percent of electricity from renewable sources)	%	5	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Buildings	Planned Renewable Electricity Use (Percent of electricity from renewable sources)	%	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fleet	Petroleum Use Reduction Targets (Percent reduction from FY05 base year)	%	10	12	14	16	18	20		30
Fleet	Planned Petroleum Use Reduction (Percent reduction from FY05 base year)	%	10	12	14	16	18	20	...	30
Fleet	Alternative Fuel Use in Fleet AFV Target (Percent increase from FY05 base year)	%	61	77	95	114	136	159		
Fleet	Planned Alternative Fuel Use in Fleet AFV (Percent increase from FY05 base year)	%	40	33	33	33	33	33	33	33

.	SCOPE 1&2 GHG TARGET	Unit	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
Fleet	Senior Executive Fleet Replaced with Low-GHG, High Efficiency Vehicles (Percent replaced from FY08 base year)	%	10	0	0	0	0	0	0	0
.	Other as defined by agency								...	
.	Total Scope 1 & 2 GHG Emissions (Comprehensive)	MMTCO2e	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
.	Total Scope 1 & 2 GHG Emissions (Subject to Agency Scope 1 & 2 GHG Reduction Target)	MMTCO2e	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
.	Overall Agency Scope 1 & 2 Reduction (reduced from FY08 base year)	%	50%	50%	50%	50%	50%	50%	50%	50%

Goal 1: Scope 1 & 2 Greenhouse Gas Reduction (Goal-Specific Items)

a. Buildings

- 1) Energy intensity has been reduced.
- 2) FHFA is looking into renewable energy. 3) FHFA has better per capita energy consumption.

b. Fleet 1

- 1) Petroleum use has been reduced. 2) Alternative fuel use has increased. 3) Fleet size has been modified to better suit agency needs. 4) FHFA was not able to acquire high fuel economy vehicles.
- 5) FHFA is replacing vehicles where possible. 6) N/A 7) FHFA has optimized fleet size but has been unable to acquire vehicles with very good fuel economies.

Goal 1 (optional image)

Goal 2: Scope 3 Greenhouse Gas Reduction & Develop and Maintain Agency Comprehensive Greenhouse Gas Inventory (Basic Performance Discussion, A - H)

- a. **Goal description:** Reduce GHG emissions from employee travel FTE by 5% by 2020.

b. **Agency Lead:** Randolph Sinkler, Facilities Manager

c. **Implementation Methods:** To encourage the use of the public transportation, the FHFA transit benefits cover the full cost of the employee's commuting costs using public transportation. FHFA will continue to promote the use of mass transit and the bike subsidy. In addition, FHFA will plan to increase the use of telework in order to cut down on the number of days that employees commute to the office. As FHFA is a growing agency, cost will increase. Because new employees will not be accustomed to the FHFA not covering transit costs, they will be more likely to take them, thus increasing the percentage of employees who do. In FY2011, emissions are predicted to have dropped by .5% from original levels, by 1% in FY2012.

d. **Positions:** FHFA has an adequate amount of staff to meet this goal. FHFA is a non-appropriated agency and does not require approval of additional funding to accomplish this goal.

e. **Planning Table:**

FY2011

FY2012

FY2013

FY2014

FY2015

FY2016

FY2017

FY2018

FY2019

FY2020

Total decrease

.5%

1%

1.5%

2%
 2.5%
 3%
 3.5%
 4%
 4.5%
 5%

f. **Agency Status:** Attempts to increase the number of employees who get commuter benefits have been successful. FHFA will continue to encourage employees to transition, so the conversion from driving to commuting is not yet complete. The project is ongoing.

g. **Return on Investment:** Projects have neither been expanded nor eliminated.

h. **Highlights:** The biker program is proving to be a challenge. As of FY 2010, there was only one FHFA employee who participated. However, many new employees chose to take commuter benefits.

Goal 2: Scope 3 Greenhouse Gas Reduction & Develop and Maintain Agency Comprehensive Greenhouse Gas Inventory (Planning Table)

SCOPE 3 GHG TARGET	Units	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
Total Scope 3 GHG Emissions (Comprehensive)	MMTCO2e	1300	1275	1250	1240	1220	1200	...	1100
Total Scope 3 GHG Emissions (Subject to Agency Scope 3 GHG Reduction Target)	MMTCO2e	1300	1275	1250	1240	1220	1200	...	1100
Overall Agency Scope 3 Reduction (reduced from FY08 base year)	%	4%	5.5%	7.5%	8.2%	9%	11%	...	18.5%
Other, as defined by agency	%							...	

Goal 2: Scope 3 Greenhouse Gas Reduction & Develop and Maintain Agency Comprehensive Greenhouse Gas Inventory (Goal-Specific Items)

a . FHFA is successfully convincing its employees to commute to work.

b . N/A Covered by lease. Insignificant amount of purchased energy is lost due to the small size of the facility being powered. There are no specific plans. FHFA used the GHG Inventory report tools, inputting data from pepco invoices and traveltrax data. **f.** FHFA collected data from pepco invoices for energy used to power buildings. FHFA used traveltrax data for fleet and air travel emissions. FHFA relied on GHG's calculations for emissions for commuter travel. There were no challenges. FHFA will be aware of emissions and strive to lower them. **g.** Other, as defined by Agency.

Goal 2 (optional image)

Goal 3: High-Performance Sustainable Design/Green Buildings & Regional and Local Planning (Basic Performance Discussion, A - H)

a. **Goal Description:** FHFA is moving from three buildings into one new building that is both regional local and sustainable.

b. **Agency Lead:** Dan Berkland, Relocation Manager

c. **Implementation Methods:** FHFA has hired a broker, acquired a lease agreement, and hired a construction contractor. FHFA is currently acquiring building permits. FHFA will then build out the space and initiate a stagger move-in by the agency. As far as sustainability goes, the facility was designed with sustainability in mind.

Constitution Center is centrally located within a major business district which provides direct access to multiple forms of public transit. The building itself has recently undergone a major renovation meeting LEED Gold status.

New, efficient plumbing fixtures have been installed as part of a water use efficiency effort that will conserve significant amounts of fresh water per year. An efficient energy chilled beam mechanical system is in place as the building standard. A building management system is installed to regulate major building systems and optimize their performance and efficiency. The move to Constitution Center will also support FHFA's Sustainability Plan by providing green cleaning and recycling programs. FY2011 will see the more sustainable building completed, and in FY2012, FHFA will not use the older, less green buildings.

d. **Positions:** Dan Berkland, Relocation Manager, Randolph Sinkler, various contractors.

e. **Planning Table:**

FY2011

FY2012

FHFA will complete preparations to move into the new building. The new building will be completed.

FHFA will move into the new building in November of 2011.

- f. **Agency Status:** There have been no problems with the project. The design is complete, construction contracts have been awarded, and everything is on schedule.
- g. **Return on Investment:** The move-in is as high a priority as ever.
- h. **Highlights:** The move to a new building is going according to plan.

Goal 3: High-Performance Sustainable Design/Green Buildings & Regional and Local Planning (Planning Table)

GOAL 3 Targets	Units	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
Owned Buildings	%	0	0	0	0	0	0	...	0
FRPP-Reported Leased Buildings	%	0	100	100	100	100	100	...	100
Total Buildings	%	0	100	100	100	100	100	...	100
Other (Buildings), as defined by agency		0	100	100	100	100	100	...	100
Other (Reg/Local Planning), as defined by agency		100	100	100	100	100	100	...	100

Goal 3: High-Performance Sustainable Design/Green Buildings & Regional and Local Planning (Goal-Specific Items)

High-Performance Sustainable Design / Green Buildings 3

- a. FHFA’s new building will achieve zero net energy. b. Guiding principles have been complied with c. N/A part of lease
- d. FHFA is conforming completely.e. The new facility incorporates several energy-saving green mechanisms. f. The new building is being built in an area that is readily accessible via public transportationg. FHFA is reducing maintenance costs.h. FHFA is consolidating into one facility.i. FHFA is encouraging employees to telework. j. N/A. FHFA is not located in historic structures. k. Because FHFA’s energy use will be covered by the lease, the energy covered by the GHG report is 0.

Regional and Local Planning 7

- a. Local infrastructure is equipped to deal with FHFA’s new building. b. Align agency policies to increase effectiveness of local planning efforts regarding transportation, energy resources and the environment. c. Increase effectiveness of regional measures that enhance integrity of local ecosystems and watersheds. d. Agency policy

has been updated. e. FHFA is integrating methods and practices to streamline efficiency.f. Agency policy has been updated accordingly. g. FHFA is not currently participating in any projects aimed at environmental restoration.

Goal 3 (optional image)

GOAL 4: Water Use Efficiency and Management (Basic Performance Discussion, A - H)

N/A. All water use is currently covered by lease. FHFA will work with managers to improve water use efficiency.

GOAL 4: Water Use Efficiency and Management (Planning Table)

Water Use Efficiency & MGMT	Units	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
Potable Water Reduction Targets (gal/SF reduced from FY07 base year)	%							...	
Planned Potable Water Reduction (gal/SF reduced from FY07 base year)	%							...	
Industrial, Landscaping, and Agricultural Water Reduction Targets (gal reduced from FY10 base year)	%							...	
Planned Industrial, Landscaping, and Agricultural Water Reduction (gal reduced from FY10 base year)	%							...	
Other, as defined by agency								...	

GOAL 4: Water Use Efficiency and Management (Goal-Specific Items)

FHFA currently leases space in three privately-owned buildings and does not control the waste elimination and removal of solid waste for the buildings. FHFA participates in building programs for waste management and recycling.

Goal 4 (optional image)

GOAL 5: Pollution Prevention and Waste Reduction (Basic Performance Discussion, A - H)

FHFA currently leases space in three privately-owned buildings and does not control the waste elimination and removal of solid waste for the buildings. FHFA participates in building programs for waste management and recycling.

GOAL 5: Pollution Prevention and Waste Reduction (Planning Table)

Pollution Prevention & Waste Reduction	Units	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
Non-Hazardous Solid Waste Diversion Targets (Non-C & D)	%							...	
C & D Material & Debris Diversion Targets	%							...	
If agency uses on-site or off-site waste-to-energy, estimated total weight of materials managed through waste-to-energy	Tons or Pounds							...	
Number of sites or facilities with on-site composting programs	#							...	
Number of sites or facilities recycling through off-site composting programs	#							...	
If agency has on-site or off-site composting programs, estimated total weight of materials diverted to composting	Tons or pounds							...	
% of agency-operated offices/sites with a recycling program	%							...	
If agency offices located in multi-tenant buildings, % of those buildings with a recycling program	%							...	
% of agency-operated residential housing with recycling programs	%							...	
Other, as defined by agency								...	

GOAL 5: Pollution Prevention and Waste Reduction (Goal-Specific Items)

N/A

Goal 5 (optional image)

GOAL 6: Sustainable Acquisitions (Basic Performance Discussion, A - H)

a. **Goal Description:** FHFA will implement metrics to track and report on sustainable acquisition. FHFA will review the current systems used to track and report our acquisitions. In addition, FHFA is monitoring changes to the Federal Acquisition Regulation (FAR) that incorporate the sustainability requirements.

b. **Agency Lead:** Randolph Sinkler, Facilities Manager

c. **Implementation methods:** FHFA is implementing sustainable acquisition requirements for purchases related to office supplies, facilities, and energy efficient equipment (e.g. Energy Star rated). When requests are submitted for purchase, the acquisition staff will check to see if the sustainable acquisition options have been reviewed. Due to the size of the agency and the amount of purchases processed, reporting of metrics and checking sustainable acquisition requirements is a manual process. By FY 2011 FHFA will have better recording metrics; by FY 2012 these will be in place.

d. **Positions:** The Facilities department is well-staffed and well-organized. FHFA has a Contracting Operations department that also monitors sustainable acquisitions.

e. **Planning Table:**

FY2011

FY2012

FHFA will continue reviewing methods of recording sustainable acquisitions.

After consolidating in one building, FHFA will implement a new metric to track and report on sustainable acquisitions.

f. **Agency Status:** FHFA has already begun making sustainable acquisitions. Some examples of going green in the past year are: buying recycled paper; switching from Styrofoam to paper cups with recyclable sleeves; having a new office supplier (BPA) that requires the recycling of all toner cartridges; purchase of 200 laptops in FY 2011 that are Energy Star 5.0 and EPEAT Gold.

g. **Return on Investment:** Implementation of sustainable acquisition is going well. No programs have been cancelled; FHFA continues to acquire green products.

h. **Highlights:** There have been no significant challenges. The general move toward green products can be viewed as a success.

GOAL 6: Sustainable Acquisitions (Planning Table)

Sustainable Acquisition	Units	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
New Contract Actions Meeting Sustainable Acquisition Requirements	%	12%	15	18	25	35	40	...	45
Energy Efficient Products (Energy Star, FEMP-designated, and low standby power devices)	%	12	15	18	20	22	25	...	33
Water Efficient Products	%	N/A	N/A	N/A	NA/	N/A	N/A	...	N/A
Biobased Products	%	3%	5%	6%	7%	8%	10%	...	15%
Recycled Content Products	%	10	15	20	25	25	25	...	30
Environmentally Preferable Products/Services (excluding EPEAT - EPEAT is included in Goal 7)	%	2	2	5	5	6	7	...	10
SNAP/non-ozone depleting substances	%	3	4	5	5	7	8	...	10
Other, as defined by agency								...	

GOAL 6: Sustainable Acquisition Contract Review

SUSTAINABLE ACQUISITION CONTRACT REVIEW	1st QTR FY 11	2nd QTR FY 11	3rd QTR FY 11 (planned)	4th QTR FY 11 (planned)
Total # Agency Contracts	150	176	160	166
Total # Contracts Eligible for Review	100	150	120	130
Total Contracts Eligible Contract Reviewed (i.e., 5% or more eligible based on previous OMB guidance)	10	20	15	17
# of Compliant Contracts	70	83	97	95
Total % of Compliant Contracts	46	47	60	57

GOAL 6: Sustainable Acquisitions Contract Review

Tool unavailable.

GOAL 6: Sustainable Acquisitions (Goal-Specific Items)

a. FHFA is working to ensure the sustainability of its contracts. b. Procurement plans are being updated to make more sustainable acquisitions. c. Contracts that seemed as if they could be questionable were reviewed.

Goal 6 (optional image)

GOAL 7: Electronic Stewardship and Data Centers (Basic Performance Discussion, A - H)

1. Goal 7: Electronic Stewardship and Data Centers

a. **Goal Description:** Build consolidated data centers in the new building and a back-up system in Dallas.

b. **Agency Lead:** Randolph Sinkler, Facilities Manager

c. **Implementation Methods:** FHFA will hire a broker, acquire a lease agreement, hire a construction contractor, acquire building permits, and build out the space. In FY2011 the consolidated data center will be finished and in FY2012 the existing data centers will be replaced by the new one.

d. **Positions:** Contractors, full-time administrative staff.

e. **Planning Table:** There is currently no timetable for the backup data center in Dallas. The predicted timetable for the centralized primary data center is as follows:

FY2011

FY2012

FHFA will complete preparations to the new building.

The data center will become functional on October 1, 2011. Existing data centers will remain functional until the last employees have moved into the new location.

f. **Agency Status:** The project is progressing on schedule. Land in Dallas has been looked at.

g. **Return on Investment:** The project has not been abandoned. Creating a single data center is a priority as it would greatly increase efficiency, and a back-up is necessary in case of emergency.

h. **Highlights:** There have been no great successes or failures.

GOAL 7: Electronic Stewardship and Data Centers (Planning Table)

ELECTRONIC STEWARDHIP & DATA CENTERS	Units	FY10	FY11	FY12	FY13	FY14	FY15
% of electronic product acquisition covered by current Energy Star specifications that must be energy-star qualified	100	100	100	100	100	100	100
% of covered electronic product acquisitions that are EPEAT-registered	100	100	100	100	100	100	100
% of covered electronic product acquisitions that are FEMP-designated	100	100	100	100	100	100	100
% of agency, eligible PC, Laptops, and Monitors with power management actively implemented and in use	100	100	100	100	100	100	100
% of agency, eligible electronic printing products with duplexing features in use	75	75	75	75	75	75	75
% of electronic assets covered by sound disposition practices	100	100	100	100	100	100	100
% of agency data centers independently metered, advanced metered, or sub-metered to determine monthly (or more frequently) Power Utilization Effectiveness (PUE)	100	100	100	100	100	100	100
Reduction in the number of agency data centers	0	0	0	0	0	0	0
% of agency data centers operating with an average CPU utilization greater than 65%	100	100	100	100	100	100	100
Maximum annual weighted average Power Utilization Effectiveness (PUE) for agency.	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GOAL 7: Electronic Stewardship and Data Centers (Goal-Specific Items)

a. Such products are being procured when available. **b.** FHFA is implementing these policies. **c.** Agency policy is being updated accordingly. **d.** Disposing of property is dealt with by building management. **e.** Such initiatives will be slowly implemented, and sub-par materials will be phased out. **f.** Agency policy has been updated appropriately.

Goal 7 (optional image)

GOAL 8: (New) Agency Innovation & Government-Wide Support (Basic Performance Discussion, A - H)

1. GOAL 8: Agency Innovation & Government-Wide Support

- a. **Goal Description:** FHFA has implemented several sustainability programs to make the agency greener.
- b. **Agency Lead:** Randolph Sinkler, Facilities Manager
- c. **Implementation Methods:** There are no specific targets for FY 2011 and FY2012. The following table explains programs that have been implemented:

Initiatives

Description

Effect on Sustainability

Improve employee awareness for recycling and waste reduction.

FHFA works with the lease holders and works with employees to encourage greener behavior.

Reduce waste and increase recycling.

- d. **Positions:** This program utilizes many employees, federal and contractors, part- and full-time.
- e. **Planning Table:** N/A. The program above is ongoing and is aimed at increasing employee awareness, which is difficult to measure.
- f. **Agency Status:** FHFA continues to implement programs to address sustainability. So far, such implementations have been successful, the commuter benefit program particularly so. The success of current programs will result in implementation of other sustainability programs in the future.
- g. **Return on Investment:** No previously-included projects have been cancelled.
- h. **Highlights:** FHFA's programs have been successful.

GOAL 8: (New) Agency Innovation & Government-Wide Support (Planning Table)

AGENCY INNOVATION & Government-Wide Support	Units	FY10	FY11	FY12	FY13	FY14	FY15	...	FY20
Programs, Projects, Initiatives that support Gov-wide efforts		0	1	2	2	3	3		5
Other, as defined by agency									

GOAL 8: (New) Agency Innovation & Government-Wide Support (Goal-Specific Items)

a. FHFA has not been called on to support agencies that oversee interagency work groups. **b.** FHFA has not been called upon to support coordinating agencies. **c.** FHFA has not been called upon to support agencies that develop tools.

d. FHFA has not been called on to support agencies that have collaborated to transfer to or share space with other agencies.

Goal 8 (optional image)

Section 3: Agency Self Evaluation

Agency Self Evaluation

Agency Self Evaluation	Answer
Does your Sustainability Plan incorporate and align sustainability goals, GHG targets and overarching objectives for sustainability with the Agency Strategic Plan?	Yes
Does it provide annual targets, strategies and approaches for achieving the 2015 and 2020 goals?	Yes
Is the Sustainability Plan consistent with the FY2012 President's Budget?	Yes
Does the Sustainability Plan integrate all statutory and Executive Order requirements into a single implementation framework for advancing sustainability goals along with existing mission and management goals, making the best use of existing and available resources?	Yes

Agency Self Evaluation	Answer
Does your plan include methods for obtaining data needed to measure progress, evaluate results, and improve performance?	Yes

Explanations & Other Key Questions for 2011

1. Did your agency meet by 12/30/10 due date and/or is it now able to demonstrate comprehensive implementation of the EO 13423 Electronic Stewardship goals?

Yes. FHFA has signed a new lease that will consolidate data centers and has plans to create a back-up in Dallas.

2. Is your agency tracking and monitoring all its contract awards for inclusion of requirements for mandatory federally-designated green products in 95% of relevant acquisitions?

There is a conscious effort to go green. Among other things FHFA is buying recycled paper and recycling spent toner cartridges.

3. Has your agency completed energy evaluations on at least 75% of its facilities?

FHFA has completed energy evaluations on 100% of its facilities.

4. Will your agency meet the deadline of October 1, 2012 (EPACT'05 Sec 103) for metering of energy use? (Agency should provide current status of buildings metered and plans for meeting the deadline).

N/A. Energy use is included in the lease.

5. If your agency reports to the FRPP, will it be able to report by December 2011 that at least 7% of its inventory meets the High Performance Sustainable Guiding Principles? (If no, agency needs to provide schedule and plan for actions to be taken in the next 6 months).

N/A. FHFA is independent of GSA lease acquisition policy.

Resource/Investment Allocation by Goal