



Executive Order 13514

Federal Leadership in Environmental, Energy, and Economic Performance

Office of the Federal Environmental Executive
Council on Environmental Quality



Purpose

Provide an update on implementation of EO 13514 to include:

- Establishment of the Federal Scope 1 & 2 GHG Reduction Target
- Establishment of Agency Scope 3 GHG Reduction Targets
- Submission of Agency Strategic Sustainability Performance Plans
- Guidance and recommendations
- The road ahead



Introduction



"This Executive Order builds on the momentum of the Recovery Act to help create a clean energy economy and demonstrates the Federal government's commitment, over and above what is already being done, to reducing emissions and saving money."

President Barack Obama signs in the CEQ Executive Order signing in the Oval Office, Oct. 5, 2009. (Official White House Photo by Pete Souza)



Federal Footprint

The Federal government:

- occupies nearly 500,000 buildings;
- operates more than 600,000 vehicles;
- employs more than 1.8 million civilians; and
- purchases more than \$500 billion per year in goods and services.





Federal Policy

The Executive Order builds upon and expands past efforts, including the energy reduction and environmental requirements of Executive Order 13423 to establish:

An integrated sustainability strategy for the Federal government in order to lead by example and achieve a clean energy economy





Agency Requirements

Section	Description	Timeframe
7(a)	Designate Agency Senior Sustainability Officer	COMPLETE
2(a)	Establish and report a target for agency-wide reductions of scope 1 and 2 GHG emissions	COMPLETE
2(b)	Establish and report a target for agency-wide reductions of scope 3 GHG emissions	COMPLETE
7(b)(ii)	Prepare and submit Agency Strategic Sustainability Performance Plan	COMPLETE
2(c)	Establish and report comprehensive agency GHG emissions inventory	COMPLETE
7(b)(ii)	Prepare and submit annual update of Agency Strategic Sustainability Performance Plan	First Annual Submission Complete



Additional Requirements

Lead Agency	Section	Description	Timeframe
DOE	9	Recommendations for Federal Greenhouse Gas Accounting and Reporting	Submitted on Schedule
DOT	10	Sustainable Locations for Federal Facilities	Submitted on Schedule
GSA	11	Federal Local Transportation Logistics	Submitted on Schedule
DOE	12	Federal Fleet Management Guidance	Submitted on Schedule
GSA	13	Vendor and Contractor Emissions Guidance	Submitted on Schedule
EPA	14	Stormwater Guidance for Federal Facilities	Submitted on Schedule



Implementation

What We've Accomplished so Far...
(Agency Requirements)





Senior Sustainability Officers

- Agency Senior Sustainability Officers (SSOs) meet with CEQ-OFEE and OMB on a regular basis.
- The most recent SSO quarterly meeting took place on August 4.





Scope 1&2 GHG Targets

- On January 29, 2010, the Federal Government announced a **28% emissions reduction target for scope 1&2 GHG emissions by FY 2020.**
- The Federal target reflects the goals established by 35 Federal agencies and primarily covers Federal buildings and Federal fleet vehicles.

"As the largest energy consumer in the United States, we have a responsibility to American citizens to reduce our energy use and become more efficient."

President Obama



Scope 3 GHG Targets

- On July 20, 2010, the Federal Government announced a **13% emissions reduction target for scope 3 GHG emissions by FY 2020.**
- This includes emissions from:
 - Federal employee travel
 - T&D losses from purchased electricity
 - Contracted municipal solid waste and wastewater
- This is very new territory and we are taking it one step at a time.



Strategic Sustainability Performance Plans

- In June, 2010, Federal agencies submitted to the CEQ Chair and the OMB Director, for their review and approval, a multi-year Strategic Sustainability Performance Plan.
- The sustainability plan integrates previous E.O.s, statutes, and requirements into a single framework.

**Agency
Strategic
Sustainability
Performance
Plans**

FY 2010



Strategic Sustainability Performance Plans

Goal Areas

- Scope 1 & 2 GHG reductions
- Scope 3 GHG reductions
- Development of an 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 Innovation



Implementation

What We've Accomplished so Far...
(Guidance & Recommendations)





Recommendations for Federal GHG Accounting and Reporting

- Required under Section 9.
- DOE-FEMP in coordination with (EPA, DOD, GSA, DOI, DOC) led an interagency working group to develop GHG reporting and accounting procedures.
- DOE-FEMP submitted final recommendations to CEQ on April 5, 2010.
- CEQ will issue Federal Guidance.



Draft Federal Guidance for GHG Accounting and Reporting

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INITIATIVES

- Carbon Capture & Storage
- Gulf Coast Ecosystem Restoration
- Steps to Modernize and Reinvigorate NEPA
- Review of MMS NEPA Procedures
- Federal Sustainability
 - GreenGov
 - GHG Accounting & Reporting Guidance**
- Interagency Ocean Policy Task Force
- Recovery Through Retrofit
- Updated Principles and Guidelines for Water and Land Related Resources Implementation Studies
- Climate Change Adaptation Task Force

Draft Guidance for Federal Greenhouse Gas Accounting and Reporting

The Council on Environmental Quality (CEQ) released Draft Guidance for Federal Greenhouse Gas Reporting and Accounting for public comment on July 14, 2010. The draft guidance establishes government-wide requirements for calculating and reporting greenhouse gas emissions associated with Federal agency operations.

President Obama signed an [Executive Order on Federal Leadership in Environmental, Energy and Economic Performance](#) on October 5, 2009, which called on the Federal Government to lead by example towards building a clean energy economy, including by measuring, reporting, and reducing greenhouse gas emissions from direct and indirect activities. The Executive Order requires Federal agencies to "establish and report to the CEQ Chair and OMB Director a comprehensive inventory of absolute greenhouse gas emissions, including scope 1, scope 2, and specified scope 3 emissions." CEQ is responsible for issuing Federal guidance for this task.

The draft guidance is accompanied by a separate Draft Technical Support Document that provides detailed information on Federal inventory reporting requirements and calculation methodologies. The documents are available below:

[Draft Guidance – Federal GHG Accounting and Reporting](#)

[Draft Technical Support Document](#)



Recommendations for Sustainable Locations for Federal Facilities

- Required under Section 10.
- DOT, HUD and EPA in coordination with (GSA, DHS, DOD) led an interagency working group to develop recommendations on sustainable location strategies.
- DOT submitted final recommendations to CEQ on April 5, 2010.





Recommendations for Federal Local Transportation Logistics

- Required under Section 11.
- GSA in coordination with (DOT, Treasury, DOE, OPM) led an interagency working group to develop recommendations on policies and practices to support use of public transportation by Federal personnel.
- GSA submitted final recommendations to CEQ on April 5, 2010.





Guidance for Federal Fleet Management

- Required under Section 12.
- DOE-FEMP in coordination with GSA led an interagency working group to develop guidance for Federal fleet management.
- DOE issued guidance on April 5, 2010.





Recommendations for Vendor & Contractor Emissions

- Required under Section 13.
- GSA in coordination with (DOD, EPA) led an interagency working group to develop recommendations on working with the Federal vendor and contractor community to assist Federal agencies in tracking and reducing scope 3 GHG emissions.
- GSA provided final recommendations to CEQ on April 5, 2010.



Stormwater Guidance for Federal Facilities

- Required under Section 14.
- EPA in coordination with other Federal agencies developed and issued guidance on implementation of section 438 of EISA (2007).
- EPA issued guidance on December 4, 2009.





New Interagency Workgroups

- Convened by CEQ under authority of E.O. 13514:
 - Interagency Water Working Group.
 - Interagency Landscaping Working Group.
- Recognize ongoing work in these areas within Federal community.
- Continue to move those efforts forward.



Implementation

What Lies Ahead...
(Agency Requirements)





Comprehensive GHG Inventories

- In January of 2011, Federal agencies will prepare and submit to the CEQ Chair and the OMB Director, for their review and approval, a comprehensive inventory of absolute GHG emissions, including scopes 1 & 2, and specified scope 3 emissions.
- Agencies will submit emissions inventories annually thereafter for each preceding fiscal year.
- CEQ will publish Federal Guidance on GHG accounting and reporting.



Collaboration & Communication

- GreenGov Collaborative
- **GreenGov Symposium (Oct 5-7 in D.C.)**
- GreenGov Presidential Awards
- OFEE website
- FedCenter



www.OFEE.gov

www.whitehouse.gov/greengov

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2010 GreenGov Symposium

<http://www.whitehouse.gov/greengov>



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SYMPOSIUM

- **Dates and Location:**
 - Oct 5-7
 - Washington DC
 - Hosted by GWU
- **The Symposium is open to:**
 - Fed, State and Local Government
 - Non-Profit
 - Academic
 - Private