

GSA  
Office of Federal  
High-Performance  
Green Buildings

GSA



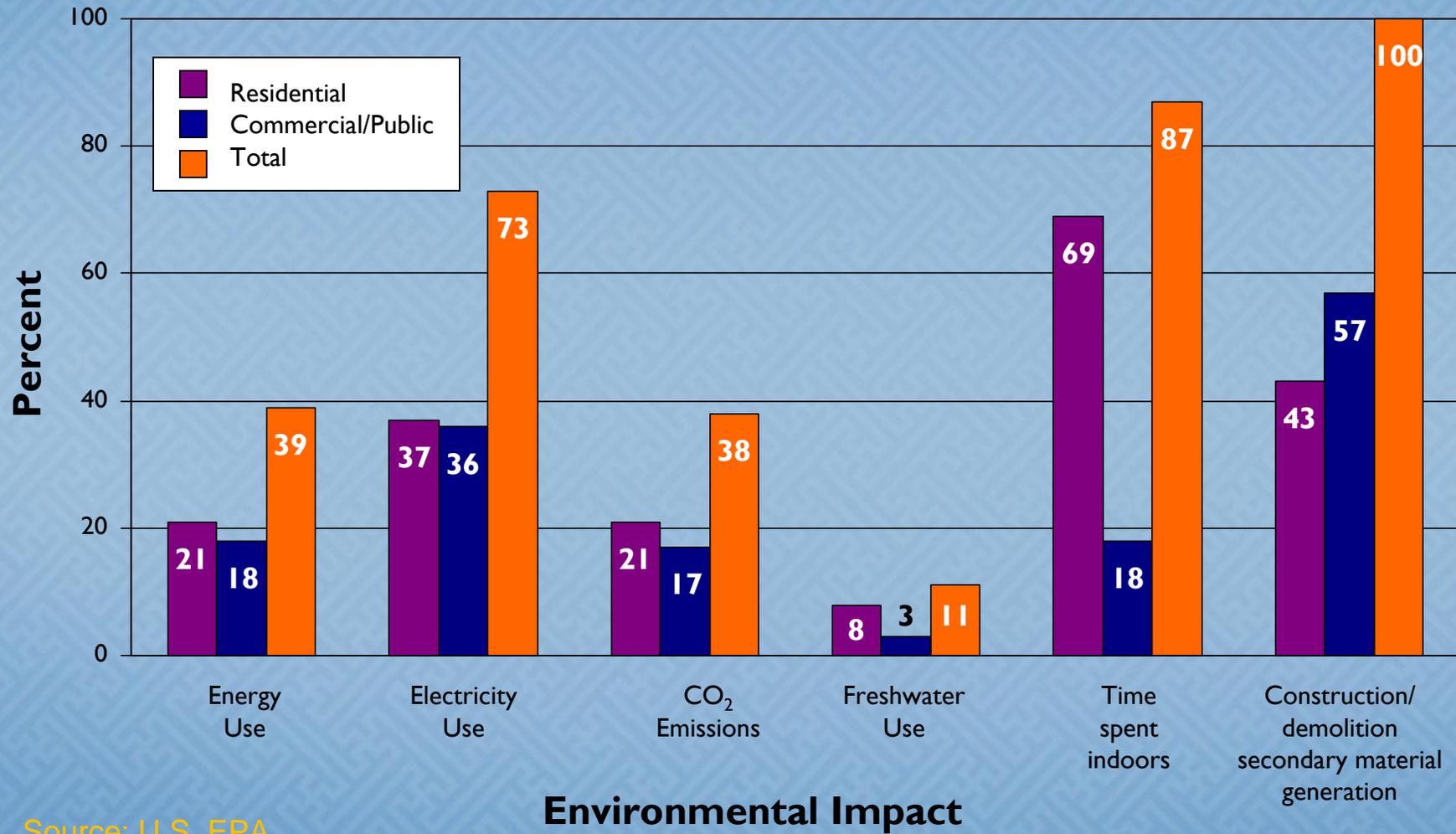
Joni Teter  
March 23, 2010  
St. Louis, MO

# **G S A ' S P U B L I C B U I L D I N G S S E R V I C E**

**PBS is the Landlord for Over 400 Federal Agencies, Bureaus & Commissions**

- **Portfolio Of 353.9 M Rentable Square Feet**
- **Space For Over 1,000,000 Tenants**
- **8,603 Owned And Leased Assets**
- **30 LEED Certified Properties**
- **FY' 08 Revenue—\$8.23 B**
- **\$881.2 M In Project Starts In FY' 08**

# U.S. Environmental Impact of Buildings

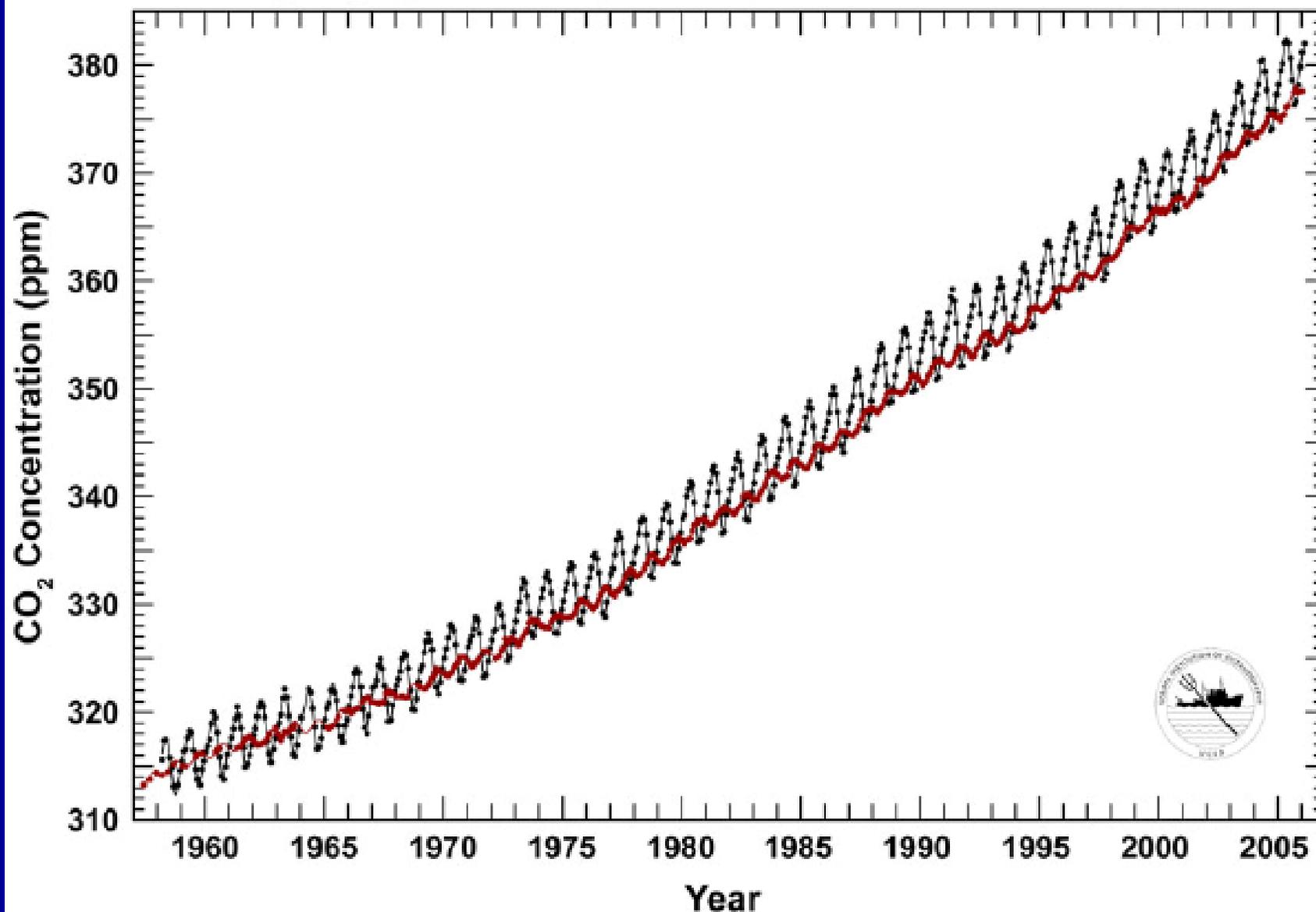


Source: U.S. EPA

# Mauna Loa Observatory, Hawaii and South Pole, Antarctica Monthly Average Carbon Dioxide Concentration

Data from Scripps CO<sub>2</sub> Program

Last updated February 2006



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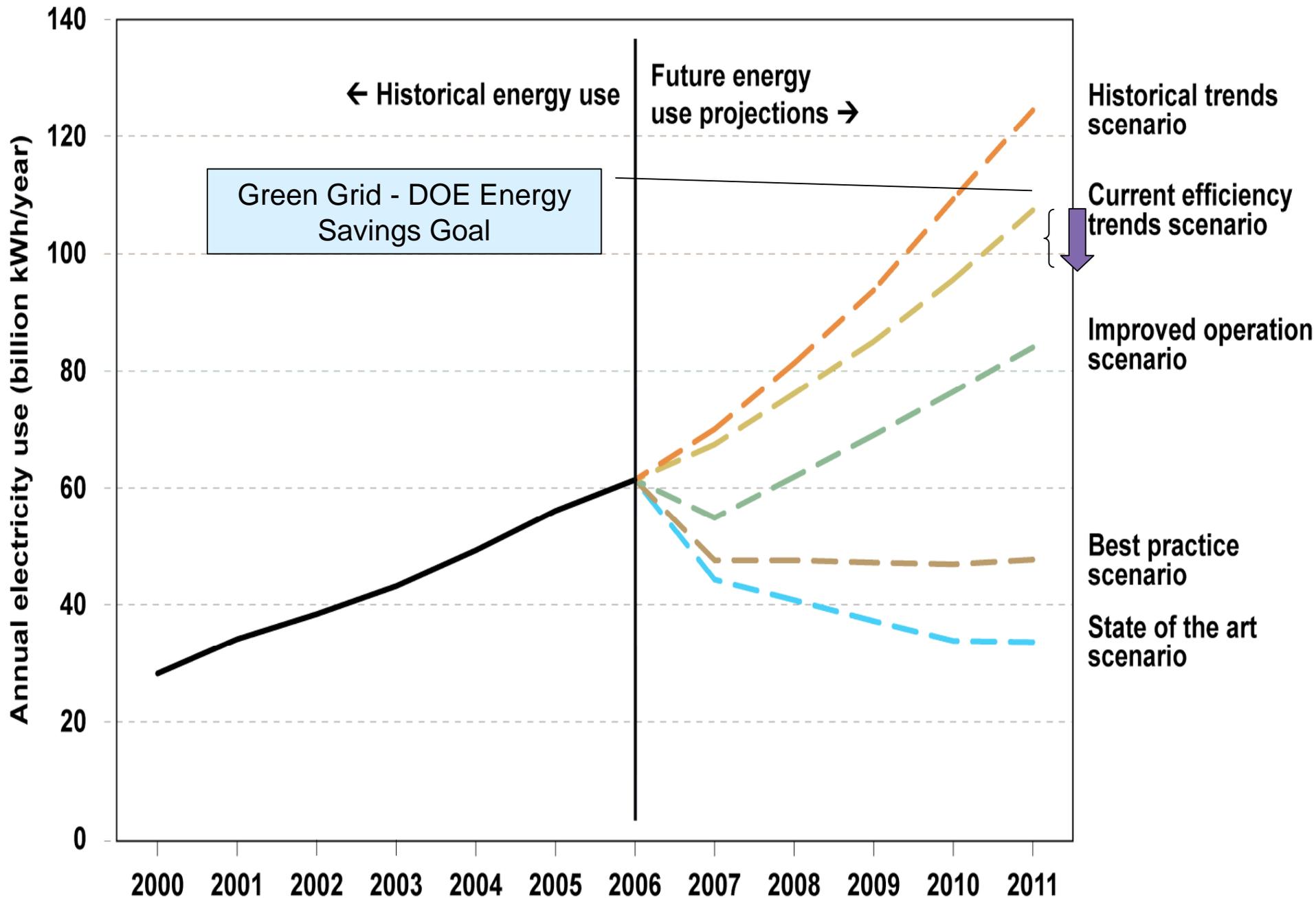
## Increase in coal-fired electric power

Coal-fired capacity, GWe, 2003 & USEIA projection

	<i>USA</i>	<i>China</i>	<i>India</i>	<i>World</i>
<i>2003</i>	310	239	67	1120
<i>2010</i>	319	<del>348</del> 478	95	1300
<i>2020</i>	345	<del>531</del> 756	140	1600
<i>2030</i>	457	<del>785</del> 1034	161	2000

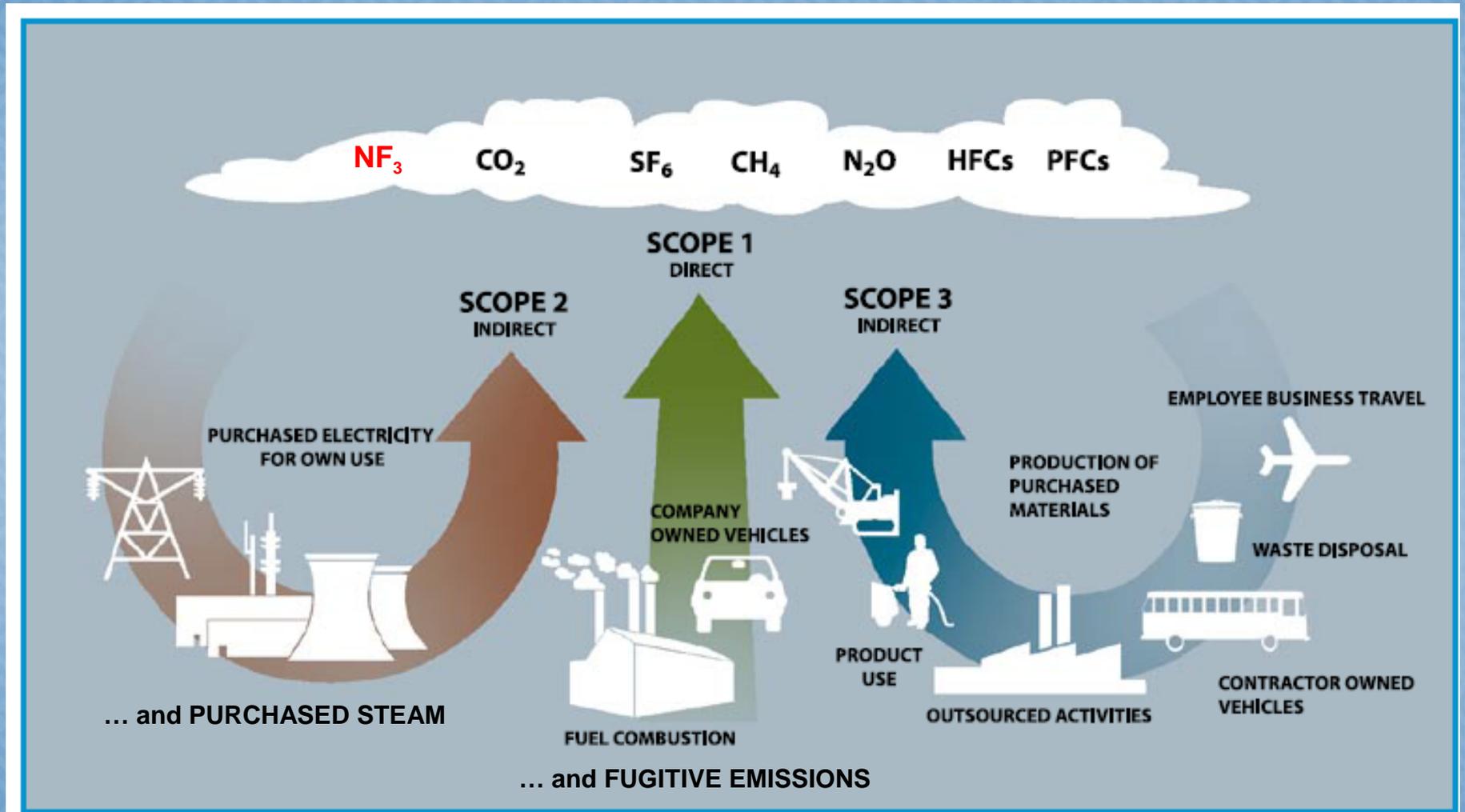
**World coal-electric capacity goes up ~900 GWe by 2030, and 640 GWe of the increase is in China and India.**

Source: US EIA, International Energy Outlook 2006 & 2008



Source: Report to Congress on Server and Data Center Energy Efficiency Public Law 109-431" US EPA, August 2, 2007

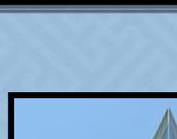
# Emission Sources (Scopes)



# What happened to our buildings?



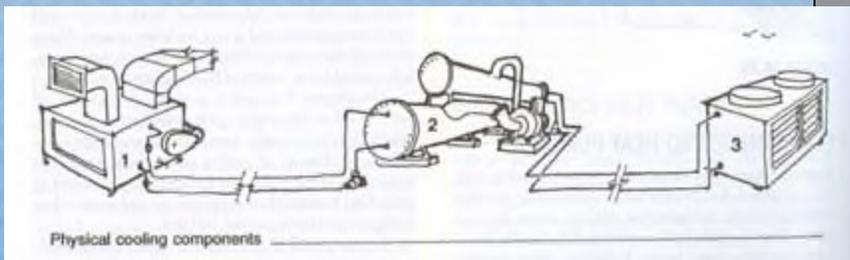
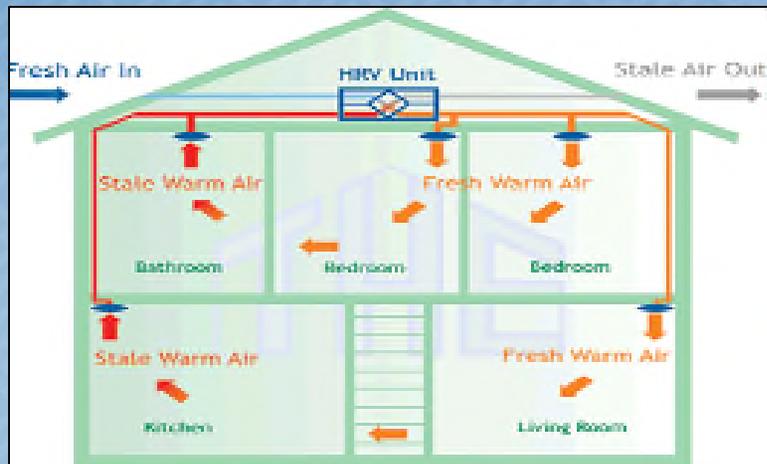
It is unfortunate...at the same time that large sheets of glass showed up, the era of cheap energy was ushered in..." William McDonough



**Brute force design**



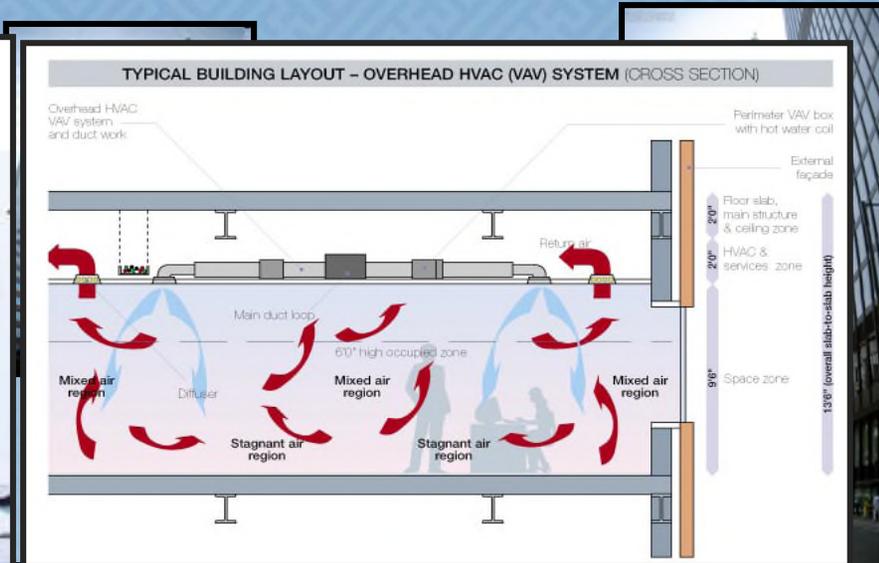
# Rely on mechanical HVAC\* & lighting...



...get HUGE energy costs

\* Heating, ventilation & air conditioning

# Combine the illusion of connection to Nature with sealed buildings to save energy...



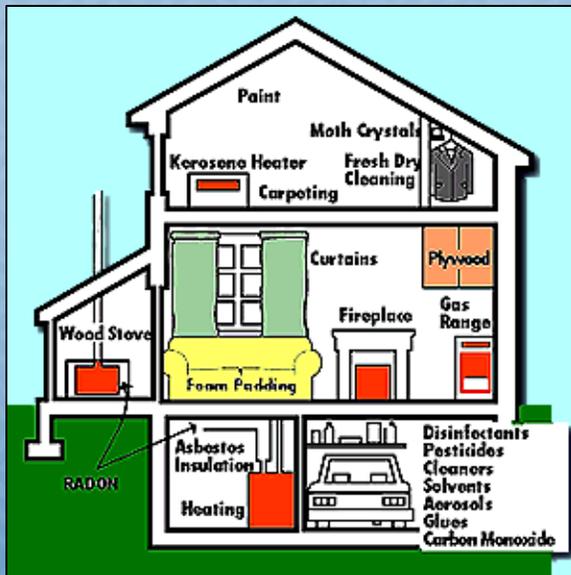
...get "Sick Buildings"



# “Sick Building Syndrome”

- + Mold & dust
- + Chemical pollutants
- + Radon
- + Poor ventilation =

- ✓ Headaches
- ✓ Skin irritation
- ✓ Asthma
- ✓ Poor general health
- ✓ Long term effects???



# Sustainability & Regulations

## Laws

- National Environmental Policy Act, 1969
- Clean Air Act, 1970; amended 1990
- Energy Policy and Conservation Act, 1975
- Resource Conservation & Recovery Act, 1976; amended 1994
- National Energy Conservation Policy Act, 1978
- Energy Policy Acts, 1992, 2005
- Energy Independence and Security Act, 2007

## Executive Orders

- 13101 Greening the Government through Waste Prevention, Recycling & Federal Acquisition
- 13123 Greening the Government through Efficient Energy Management
- 13134 Developing & Promoting Biobased Products and BioEnergy
- 13148 Greening the Government through Leadership in Environmental Management
- 13327 Federal Real Property Asset Management
- 13423 Strengthening Federal Environmental, Energy, and Transportation Management
- 13514 Federal Leadership in Environmental, Energy, and Economic Performance

# Federal Leadership in Environmental, Energy and Economic Performance

(EO 13514)

## Agencies shall:

- Increase energy efficiency
- Measure, report, and reduce greenhouse gas emissions from direct and indirect activities
- Conserve and protect water resources through efficiency, reuse, and stormwater management
- Eliminate waste, recycle, and prevent pollution
- Leverage agency acquisitions to foster sustainable technologies and environmentally preferable materials, products, and services
- Design, construct, maintain and operate high-performance sustainable buildings in sustainable locations
- Strengthen the vitality and livability of the communities in which Federal facilities are located
- Inform and involve employees in the achievement of these goals

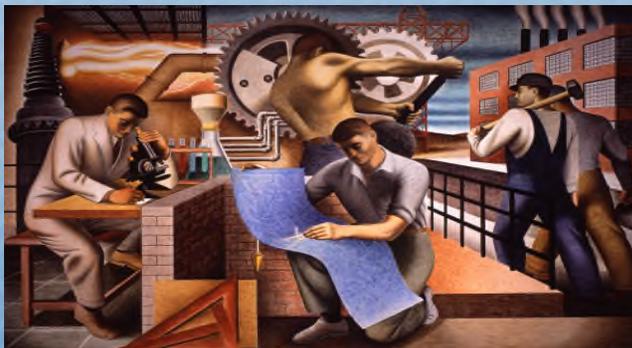
## EXECUTIVE ORDER 13514: ENVIRONMENTAL, ENERGY & ECONOMIC PERFORMANCE

- Measure, Manage, And Reduce Greenhouse Gas Emissions Toward Agency-defined Targets
- Scopes 1 & 2 *And* Scope3 Targets
- 26% Water Reduction By 2020
- 50% Waste Diversion
- Net Zero By 2020
- Transit-oriented Design



# PURPOSES: THE AMERICAN RECOVERY & REINVESTMENT ACT OF 2009

- Creating and saving jobs
- Increasing domestic renewable energy capacity
- Investing in infrastructure with long-term economic benefits
- Stabilizing state and local government budgets
- Assisting those most impacted by the recession



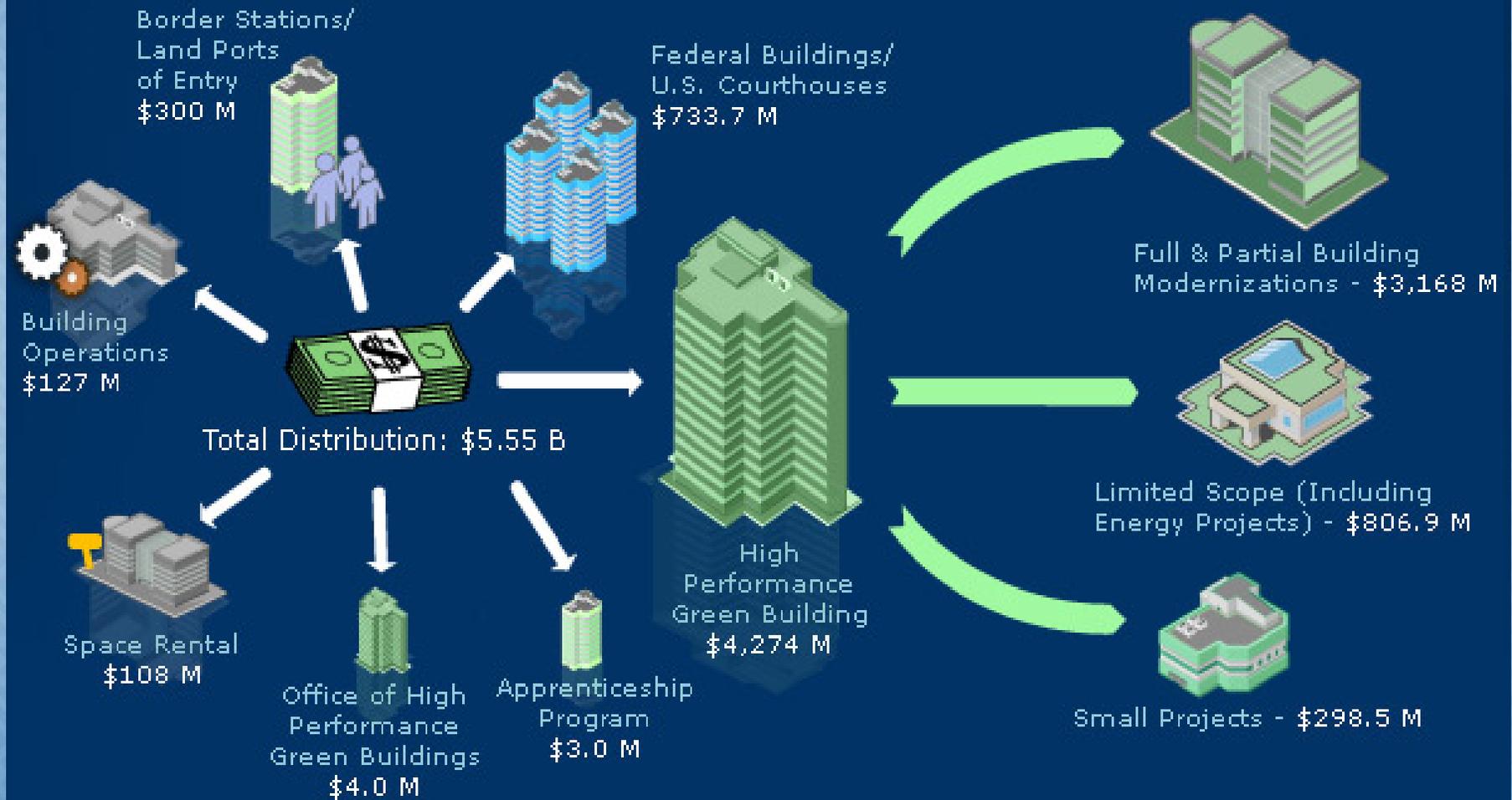
Security of the People, 1942  
Seymour Fogel



Construction, 1938  
Chaim Gross

# PBS' RECOVERY ACT SPEND PLAN

## TRANSFORMING FEDERAL BUILDINGS INTO HIGH-PERFORMANCE GREEN BUILDINGS



# Recovery Act Performance Results

- Standard Specifications & Scopes
- Performance Results
- Metering & Sub-Metering by Sub-System
- Change to Tenant Sub-Metering?
- Commitments Are Visible (*Transparency*)
- Performance Will Be Tracked & Published
- “Proving Ground”

# GREEN BUILDING MODERNIZATIONS

\$4.5 B Focused On High-Performance Green Building Projects

\$3.2 B For Full And Partial Building Modernizations With High-Performance Features And Existing Modernization Designs

- 43 Projects Selected For:
  - High-Performance Features Concentrating On Energy Conservation And Renewable Energy Generation
  - Speed of Construction Start (Creating Jobs)
  - Execution Risk
  - Facility Condition
  - Improving Asset Utilization
  - Return on Investment
  - Avoiding Lease Costs
  - Historic Significance



Robert Young Federal Building,  
St. Louis



Richard Bolling Federal  
Building Lobby & Plaza, KC



Bldg 110, Goodfellow Federal  
Complex,  
St. Louis

# GREEN BUILDING LIMITED SCOPE

\$800 M focused on high-performance green building projects

- Tiered Structure:
  1. Building Tune-Up (Re-Commissioning + Controls +)
  2. Lighting Replacement
  3. Mechanical Systems
- Includes such improvements as:
  - Renewable energy—photovoltaics and wind
  - Roofing, including green roofs
  - Windows
  - Lighting replacement
  - High-performance building systems
  - Advanced metering



Bldg 104, Goodfellow Federal  
Complex,  
St. Louis



Thomas Eagleton  
Courthouse,  
St. Louis

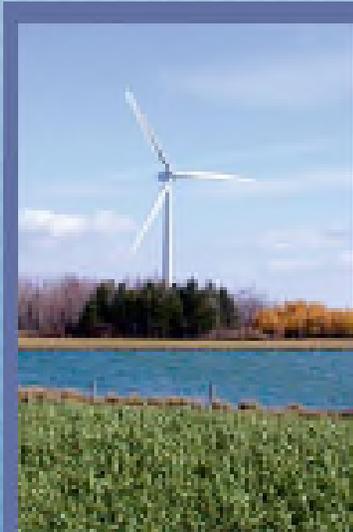


8930 Ward, KC

# GREEN BUILDING SMALL PROJECTS

\$300 M focused on high-performance green building projects

- Includes such improvements as:
  - Renewable energy—photovoltaics and wind
  - Roofing, including green roofs
  - Windows
  - Lighting replacement
  - High-performance building systems
  - Advanced metering

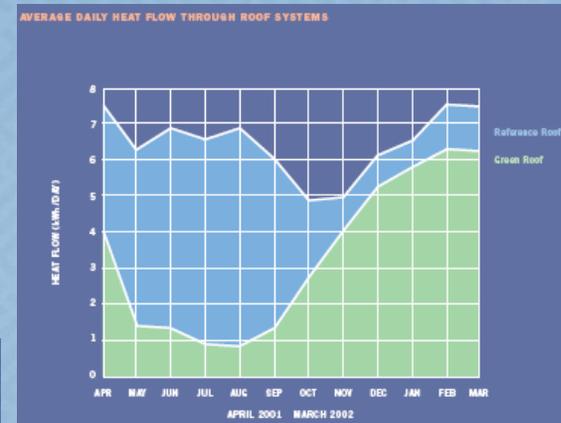
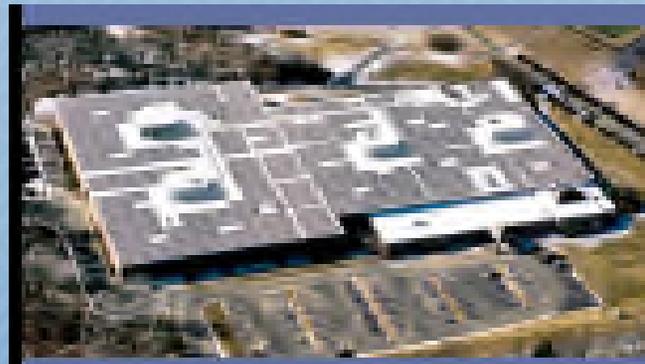


# Proving Ground

- Incorporating Emerging Or Under-used Energy and Resource Effective Technologies into Building Renovation and New Construction
- Measuring And Publishing the Results:
  - Chilled beams,
  - Natural ventilation,
  - Demand-side ventilation control
  - O&M training
  - Vermiculture
  - Solar hybrid lighting
  - Piezoelectric
- New Forms of Contracting
- Process Changes Needed Of Make The New Technologies Successful
- “Smart Buildings” Controls Integration

# “Green Proving Ground”

- Geothermal
- Light
- Envelope
- Wind
- Solar
- Roofs



# Measurement

- Energy Intensity
- Fuel Source
- LEED
- Building
- Organization
- GHG Emissions
- Fuel Result
- LEEP
- Portfolio
- Enterprise....Country

# Go Green: GSA Environmental Initiatives



## Buy Green with GSA



GSA offers green products and services to help our nation build a clean energy future.

- Products
- Services
- Vehicles

## Go Green with GSA



Learn how GSA supports your efforts to protect the environment.

- Telework
- Recycling and Properly Disposal
- Green Training and Events

## Go Green with the Recovery Act



GSA is working to modernize our nation's infrastructure and enhance energy independence under the Recovery Act.

- Find out more >

## Build and Manage Green Facilities



Learn how GSA initiatives can help you make the building you manage a healthier, more efficient space.

- Environmental Programs
- Sustainable Design
- Consense Energy and Water

## Practice Green Policies



Learn more about GSA's policies to protect the environment.

- GSA Environmental Policy
- GSA's Green Procurement Acquisition Letter
- GSA Scorecards

## Contacts

### For Agency Environmental Policy

Lee Gregory  
(202) 501-1533  
lee.gregory@gsa.gov

### For Buildings

Donald Horn  
(206) 220-4944  
donald.horn@gsa.gov

### For Products & Services

MAS Helpdesk (National Customer Service Center)  
(800) 488-3111  
Fax (816) 926-6952  
mashelpdesk@gsa.gov

### For Vehicles

(800) 605-CARS  
Fax (703) 605-9868  
vehiclebuying@gsa.gov

## Green Highlights

[GSA Kicks Off Recovery Act Construction Projects Billings](#)  
October 2, 2009

[GSA Fulfills Administration's Recovery Act-Related Greening of Federal Fleet](#)  
October 1, 2009

[Obama Administration Launches GSA Cloud Software Apps.gov](#)  
September 15, 2009

## Buy Green with GSA Tools

[Buy green products and services with](#)

Printer Friendly format

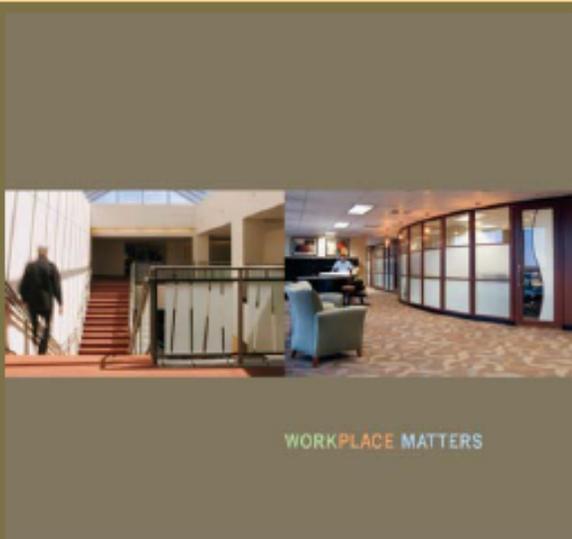
Last Reviewed 2/22/2010

# Publications



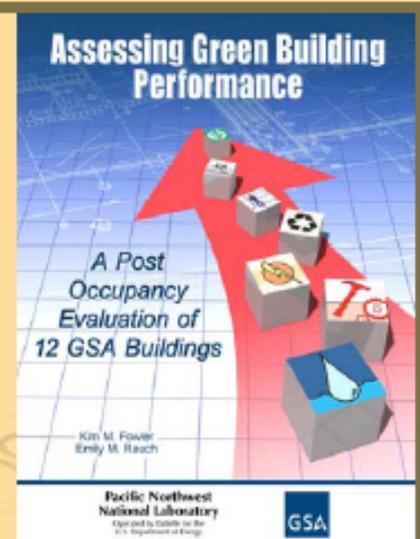
Sustainability Matters contains best practices and case studies to inform readers about GSA's sustainable initiatives and strategies to ensure that Federal buildings are meeting mandates.

The summary of GSA's evaluation of 12 sustainably designed buildings in its national portfolio.

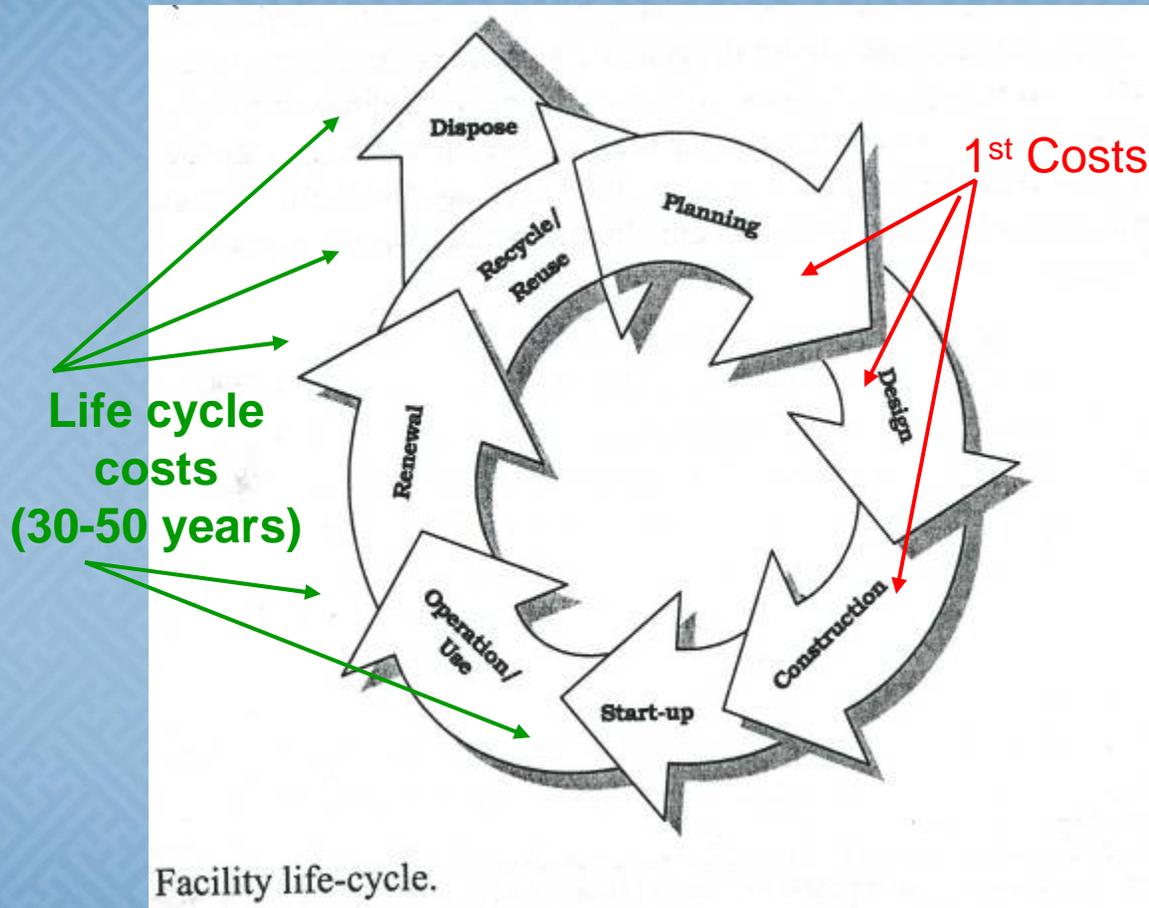


Workplace Matters is a publication in a series of GSA initiatives about the workplace and evolving work practices in the federal government.

GSA's evaluation of 12 sustainably designed buildings in its national portfolio to determine if the buildings are performing as expected.



# “Whole Building View”



<http://www.wbdg.org/>

# Standard Specs & Criteria

For:

- Lighting w/ & w/o Ceiling Replacement
- LEDs for Garages and Parking Lots
- Exit Stairway Lighting
- PV & PV Integrated Membrane Roof
- Planted Roof, Cool Roof
- Performance Criteria for Whole and Partial Building Modernization
- Lighting Controls
- Commissioning; Energy Audits
- Meters & Data Feeds from Meters
- Improvements to Existing Engineering Design, Generally

***ALL Available on the Whole Building Design Guide  
(WBDG.org)***

What are you looking for?

Enter keywords, part#/NSN, manufacturer, contractor, contract #

Search input field

Look in...

All Categories

Advanced Search

Find it!

Special Programs

American Recovery & Reinvestment Act of 2009



Use GSA Contract Vehicles for Recovery/Stimulus purchases.

Strategic Sourcing BPAs



direct access to Strategic Sourcing and agency specific BPAs

Environmental



direct access to a variety of environmental oriented products

AbilityOne Program



one-stop shopping for available AbilityOne (formerly JWOD) solutions

Disaster Relief



identify a full range of products and services for relief and preparedness

Wildland Fire



quickly locate available

Welcome

Since 1949, it has been our mission to help agencies better serve the public by meeting - at best value - their needs for products and services, and to simplify access to information. For over 12 years, GSA Advantage has been a reliable and proven one-stop online resource for thousands of Federal employees worldwide. GSA Advantage offers the most comprehensive selection of approved products and services from GSA contracts. Thanks for choosing GSA!

Customer Advisory: Potential Contamination of MRE Dairyshakes

Save Time & Money with... Blanket Purchase Agreements on GSA Advantage! Click here to learn more >>

Frequently Asked Questions: Password Assistance, Does Advantage issue invoices?, How do I get order status?, How do I get a GSA Supply Catalog?

- Products: Building & Industrial, Furniture & Furnishings, Hospitality, Cleaning, & Chemicals, IT Solutions & Electronics, Laboratory, Scientific, & Medical, Law Enforcement, Fire, & Security, Office Solutions, Recreation & Apparel, Services

- Services: Charge Card Services, Facilities Services, Financial Services, Fleet, Office Services, Professional Services, Property Disposal, Security Services, Technology Services

- Requisition Status: find the status of any GSA requisition
- NSN Quick Order: quickly order GSA managed NSNs
- FEDSTRIP: use this tool to submit FEDSTRIP requisitions

Get quotes fast with GSA e-Buy. Learn more about e-Buy.

- State & Local: Purchase Products and Services For: Disaster Recovery, Cooperative Purchasing, Register here!

- Contractor Info: How do I get a GSA contract?, How do I get on GSA Advantage or e-Buy?, More Contractor Info...

Get my Orders! GSA Advantage Sales

## Go Environmental with GSA Advantage!



GSA Advantage has thousands of products and services available to assist federal agencies meet their environmental purchasing goals. The environmental aisle is designed to allow direct access to the variety of environmental products and services that GSA offers. Customers are encouraged to purchase products designated as biobased and recycled content, ENERGY STAR and FEMP qualified, water efficient, and non-ozone depleting materials.

Note: For some products, vendors denote whether the product meets the specifications and determine which symbols to display. If there is a question about this specification, customers should contact schedule vendors for confirmation prior to placing an order.

Use the categories and filters below to find your products.

### Shop For Environmental Items

Enter a search term and select one or more environmental indicators to limit your search to specific environmental products. If you do not select any environmental indicators, the search will return all items matching at least one of the

#### Why Environmental?

Whether fulfilling a requirement or concerned about the environment, there are lots of reasons to choose environmentally sound products.

For some good reasons to buy environmental, take a look at the following links:

- Energy Efficient (FAR Subpart 23.2)
- Recycled Products (FAR Subpart 23.4)
- Environmentally Friendly (FAR Subpart 23.7)
- Ozone Depleting Substances (FAR Subpart 23.8)
- Pollution Prevention (FAR Subpart 23.10)

depleting materials.

Note: For some products, vendors denote whether the product meets the specifications and determine which symbols to display. If there is a question about this specification, customers should contact schedule vendors for confirmation prior to placing an order.

Use the categories and filters below to find your products.

following links...

- ⚙ Energy Efficient (FAR Subpart 23.2)
- ⚙ Recycled Products (FAR Subpart 23.4)
- ⚙ Environmentally Friendly (FAR Subpart 23.7)
- ⚙ Ozone Depleting Substances (FAR Subpart 23.8)
- ⚙ Pollution Prevention (FAR Subpart 23.10)
- ⚙ Major Environmental Laws
- ⚙ Executive Order 13423 (Strengthening Federal Environmental, Energy, and Transportation Management)
- ⚙ Other Environmental Executive Orders

### Shop For Environmental Items

Enter a search term and select one or more environmental indicators to limit your search to specific environmental products. If you do not select any environmental indicators, the search will return all items matching at least one of the environmental indicators.

Look for:  in **Environmental**

Matching the following criteria:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Biobased                 | <input type="checkbox"/> EPEAT                      | <input type="checkbox"/> Non-Toxic Items   |
| <input type="checkbox"/> CA Air Quality Compliant | <input type="checkbox"/> ETV                        | <input type="checkbox"/> PRIME Item        |
| <input type="checkbox"/> CPG Item                 | <input type="checkbox"/> FEMP Energy Efficient item | <input type="checkbox"/> Recycled Content  |
| <input type="checkbox"/> Energy Star Compliant    | <input type="checkbox"/> Green Seal of Approval     | <input type="checkbox"/> S.N.A.P. Approved |
| <input type="checkbox"/> Environmentally Friendly | <input type="checkbox"/> NESHAP Compliant           |  |

**Find**



# Environmentally Preferable Purchasing (EPP)

U.S. ENVIRONMENTAL PROTECTION AGENCY



Contact Us Search:  All EPA  This Area  Go

You are here: [EPA Home](#) » [Prevention, Pesticides & Toxic Substances](#) » [Pollution Prevention](#) » [Environmentally Preferable Purchasing](#)

Environmentally Preferable Purchasing (EPP) helps the federal government "buy green," and in doing so, uses the federal government's enormous buying power to stimulate market demand for green products and services. Geared first to help federal purchasers, this site can help green vendors, businesses large and small -- and consumers. Use the easy index to:

- Find and evaluate information about green products and services;
- Identify federal green buying requirements;
- Calculate the costs and benefits of purchasing choices;
- Manage green purchasing processes.



Sections of the site most useful to consumers include: finding and evaluating green products and services; tools and related links.

## [Basic Information](#)

## [Federal EPP Efforts](#)

## [Policy and Guidance for Federal Purchasers](#)

- [EPA's Final Guidance on Environmentally Preferable Purchasing](#)
- [Executive Orders](#)
- [Federal Acquisition Regulation](#)
- [EPA's Green Purchasing Guides](#)
- [Green Product and Service Standards](#)

## [Finding and Evaluating Green Products and Services](#)

- [Building & Construction](#)
- [Carpets](#)
- [Cleaning](#)
- [Electronics](#)
- [Fleets](#)
- [Food Services](#)
- [Landscaping](#)
- [Meetings & Conferences](#)
- [Office Supplies](#)
- [Paper](#)
- [Looking for Something Else?](#)

## [Hands-On Tools for Green Purchasing](#)

- [General Tools and Training](#)
- [Product- and Service- Specific Tools and Calculators](#)
- [Database of Environmental Information for Products and Services](#)

## [Publications](#)

- [EPP Updates \(EPP Program Newsletter\)](#)
- [Case Studies in Green Purchasing](#)
- [EPA's Green Purchasing Guides](#)
- [Other Related Documents](#)

## [Information for Vendors of Green Products and Services](#)

## [Frequent Questions](#)

## [Related Links](#)

- [Federal Government Web Sites](#)
- [State and Local Government Web Sites](#)
- [International Program Web Sites](#)
- [Other Environmentally Preferable Purchasing Web Sites](#)

[EPA Home](#) | [Privacy and Security Notice](#) | [Contact Us](#)

Last updated on Thursday, January 28, 2010  
http://www.epa.gov/epp/  
[Print As-Is](#)

Done



## Welcome to the WBDG!

With over 250,000 users downloading 2 million documents per month



The goal of 'Whole Building' Design is to create a successful high-performance building by applying an integrated design and team approach to the project during the planning and programming phases. Explore the WBDG via our new User's Guide.

## Services

Construction Criteria Base

## Popular Links

- [Unified Facilities Criteria](#)
- [Unified Facilities Guide Specifications \(UFGS\)](#)
- [Construction Waste Management Database](#)

## WBDG Focus

### Site Security Design

The GSA has responded to changing security requirements by calling for innovative physical solutions that: support design excellence, contribute to sustainability and environmental preservation, create buildings that will endure into the future, provide safe, productive federal workplaces, and improve the communities in which we work. This new process entails looking beyond the scope of buildings to include the surrounding site and community. New pages on site security design offer an introduction to the topic as well as an overview of the process outlined in the GSA's Site Security Design Guide.

## Participating Agencies



## New and Updated Pages

- [WBDG10 Seismic Design Basics](#)  
Continuing Education - 03/12/2010
- [WBDG11 Site Security Design Process and Strategies](#)  
Continuing Education - 03/12/2010
- [WBDG12 Window and Glazing Design Strategies for](#)



U.S. Post Office and Courthouse



SUPERIOR ENERGY MANAGEMENT CREATES ENVIRONMENTAL LEADERS

U.S. Environmental Protection Agency - U.S. Department of Energy

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Buildings & Plants

Guidelines for Energy Management

Tools & Resources Library

Expert Help

Commercial Building Design

Green Buildings

Getting Started for...

- Government
- Healthcare
- Higher Education
- Hospitality/Entertainment
- Industrial
- K-12
- Real Estate/Multifamily
- Retail
- Small

Home > Buildings & Plants



CEMEX, Inc. CEMEX Clinchfield Cement Plant 2720 Highway 341 South

Buildings & Plants

Improving the energy efficiency of the places where we work, play and learn helps us save energy, save money, and fight global warming. Look for facilities that have earned the ENERGY STAR – the national mark of excellence in energy performance – and know with confidence that the facilities are energy efficient and have a smaller carbon footprint.

View All Labeled Facilities



Strategy

Guidelines for Energy Management

Get started by applying our proven strategy to set performance goals, create and implement action plans, assess performance and progress, and recognize your organization's achievements.

Commercial Building Design

Make energy performance a priority in your next building's design. Use Target Finder to set your energy performance target.

Green Buildings and Energy Efficiency

Make sure your buildings deliver environmental and financial results.

Energy Strategy for the Future

Discover the steps U.S. businesses should take today to prepare for the energy



Quick Finder

- Portfolio Manager Login
- Target Finder
- ENERGY STAR Challenge
- ENERGY STAR Leaders
- Earn the ENERGY STAR
- Purchasing & Procurement
- Service Providers Directory
- Find Labeled Buildings and Plants
- Communications

- Retail
- Small Business
- Congregations
- Service & Products Providers
- Utilities & Energy Efficiency Program Sponsors
- Water/Wastewater Utilities

Join ENERGY STAR

### Energy Strategy for the Future

Discover the steps U.S. businesses should take today to prepare for the energy challenges that lie ahead. Learn more about the recommendations of twenty leading U.S. companies in the ground-breaking report, [Energy Strategy for the Road Ahead](#) (619KB).

### Tools

[Tools & Resources Library](#), including free resources, like [Portfolio Manager](#), to assist your organization in meeting its energy performance goals.

### Experienced Professionals

[Expert Help](#) found through use of directories of service and products providers and energy efficiency program sponsors.

[Networking Opportunities](#) with peers who have successfully used energy management best practices.

[Training](#) including Introduction to ENERGY STAR, Creating Action Plans, Assessing Performance, and Financing Strategies.

### Recognition

See how others have achieved [Success through ENERGY STAR](#) and earned recognition:

- Learn how your building can [earn the ENERGY STAR](#)
- [Find qualified buildings and plants](#) that have earned the ENERGY STAR
- See [Building & Plants Partner List](#)
- See [ENERGY STAR Leaders](#) that improved organization-wide
- Read [Partners in Practice](#) stories about best practices, and much more
- Find out how to [JOIN!](#)

Email This Page

- Communications
- Materials
- Training

### News

[2009 ENERGY STAR Leaders Achieve Record Savings](#) (132KB) | [Press Release](#)

[Winter 2010 Business & Industry Newsletter](#)

[2010 ENERGY STAR Awards Ceremony](#)

### More...

Follow us on

### Spotlight on Success

[2009 ENERGY STAR Award Winners](#)

[2009 ENERGY STAR Small Business and Congregations Award Winners](#)



Search BioPreferred

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Browse by Subject

- ▶ Policies & Laws
- ▶ Designation Items
- ▶ Product Submission
- ▶ Purchasing Biobased
- ▶ Success Stories

You are here: [Home](#)

## BioPreferred

About BioPreferred

The BioPreferred<sup>SM</sup> program aims to increase the purchase and use of renewable, environmentally friendly biobased products while providing "green" jobs and new markets for farmers, manufacturers, and vendors.

The BioPreferred program offers three major benefits: Climate Change Impact Reduction, Energy/Environmental Security, and Economic Development.

Visit our online [catalog](#) of biobased products.

### Spotlights

More



**Maps of Biobased Companies**  
(click image for an enlarged view of the map)



**BioPreferred Designated Item of the Month: Multi-Purpose Cleaner**

### Public Meeting: BioPreferred Intermediate Materials and Feedstocks

#### Participate onsite or via Webinar

Come to discuss biobased intermediate materials and feedstock (IMF) with BioPreferred. IMF products typically are used to manufacture components of end-user products. For example, IMFs are used to produce fibers for fabric, packaging film and disposable cutlery. All interested parties, including manufacturers, vendors, Federal purchasers and other biobased product stakeholders, are encouraged to attend or participate via Webinar.

Topics include:

- The designation of IMF for Federal procurement preference as mandated by the 2008 Farm Bill
- Qualifying IMF for BioPreferred's voluntary product label

### I Want To...

- Buy Biobased Products
- Access Training and Tools for Procurement Personnel
- List my Biobased Product
- Sell to the Federal Government
- Comment on a Proposed Rule
- Participate in a Pilot Program Exchange

### Quick Links

- BioPreferred Labeling Program
- Current List of Item Designations
- Proposed and Final Regulations



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On Wednesday, Feb. 23-24, 2010, the Department of Agriculture's (USDA) BioPreferred Program management held **Two Days of Biobased Product Information and Education** at the University of California in Riverside, CA. Links to more information will be posted here soon.

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On January 5, 2010, the Department of Agriculture's (USDA) BioPreferred Program management held a **BioPreferred Public Meeting: Lifecycle Assessment Forum** in Washington, D.C. - Links provided below share the Meeting Summary, Presentation Slides, Meeting Transcript, and Attendees documents.

- [Meeting Summary](#) (PDF;277Kb)
- [Presentation Slides](#) (PDF;3.2Mb)
- [Meeting Transcript](#) (PDF;742Kb)
- [Attendees](#) (PDF;837Kb)

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### In the News

[More](#) ▶

**February 2010 – BioPreferred e-Newsletter**

**USDA Gives a Big (Green) Thumbs Up - COMPOSITES 2010**

**NEWS RELEASE: EcoLogo Releases its First Hand Sanitizers Standard with USDA's BioPreferred Support**

**January 2010 – BioPreferred e-Newsletter**

**December, 2009 - Bio-Based Products in the U.S. Today (wmv format)**

**December 2009 - BioPreferred eNewsletter**

**Nov. 16, 2009 - "More biobased products identified for procurement." Federal Times**

**Nov 4, 2009 - Radio Actuality: More Biobased Products Added to Federal Preferred Buying List (Gary Crawford and Ron Buckhalt)**

**Nov 4, 2009 - Biopreferred Designates Nine Additional Biobased Designated Items for Federal Procurement**

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### Quick Links

#### **Catalog**

This is an online "listing" of products that fall within the BioPreferred designated items/item categories.

#### **Proposed and Final Regulations**

# QUESTIONS?



IRS Kansas City  
Campus



EPA Region 7  
Headquarters



GSA Finance  
Atrium, Bannister  
Federal Complex



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