



Going to School with ENERGY STAR

NASEO Buildings Committee

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Jean Lupinacci

Acting Director of the Climate Protection Partnerships Division
US Environmental Protection Agency

the ideal ...

clean air

green jobs

growing economy

resilience



the reality ...

huge scope

short timeframe

limited resources

resistance to change





The biggest little label in energy efficiency



products
4.8 billion

commercial buildings
27,000

homes
1.5 million

industrial plants
130

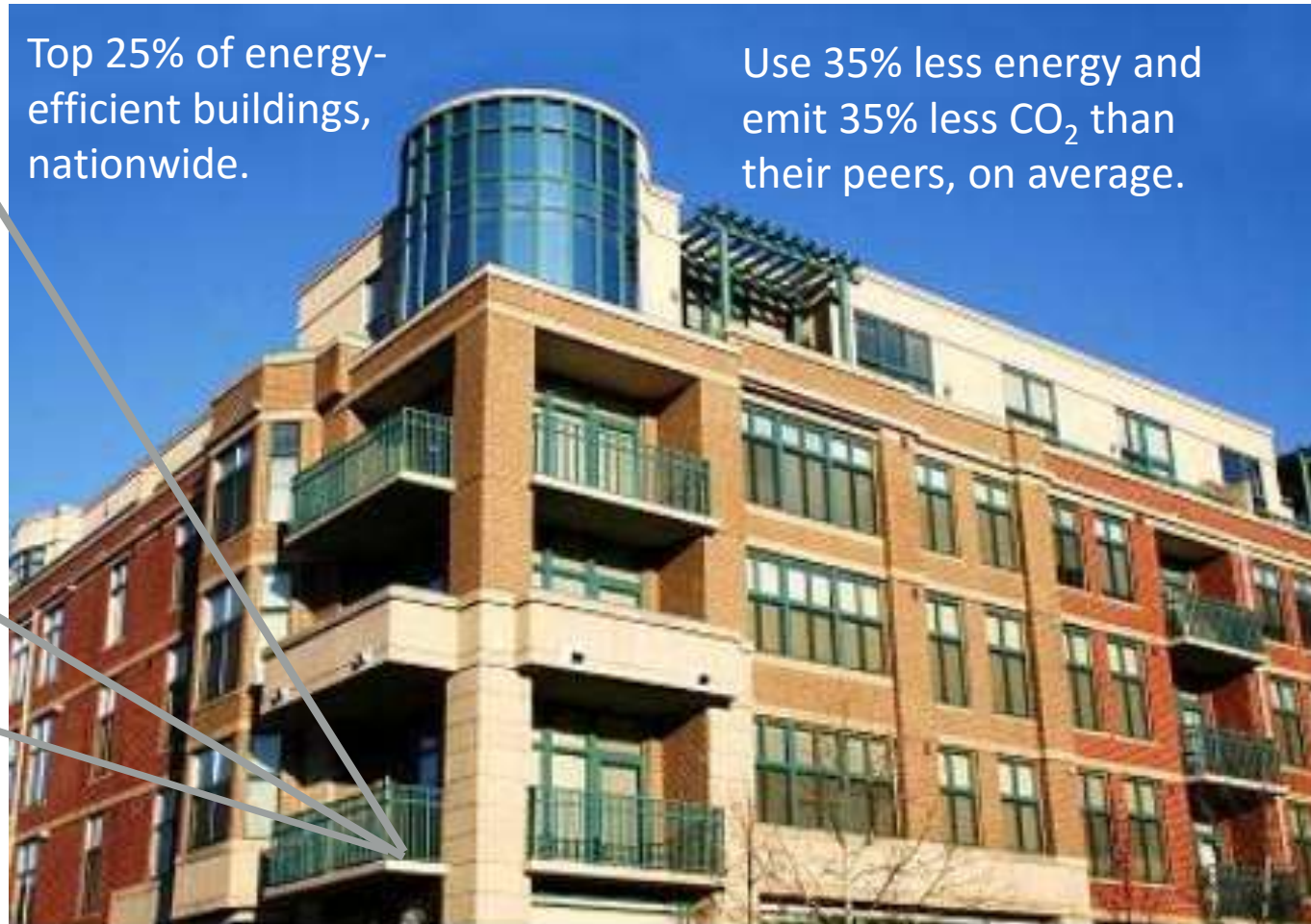




Earn the ENERGY STAR

Top 25% of energy-efficient buildings, nationwide.

Use 35% less energy and emit 35% less CO₂ than their peers, on average.



... more than just a label

Introducing My ENERGY STAR

Your personalized tool for saving energy at home. Discover the many simple actions you can take to make a big difference.

[GET STARTED →](#)

Be Your Own AMAZING
with ENERGY STAR

Save energy and help fight climate change with Team ENERGY STAR

[JUMP TO THE activities](#)

BATTLE OF THE BUILDINGS
TEAM CHALLENGE

EPA's NATIONAL BUILDING COMPETITION

ENERGY STAR KIDS!
IT'S ABOUT TIME!

WHEE! YOU WON!
CONGRATULATE GUESTS

STIMULANT!
Share it with the ENERGY STAR & EPA logo!

YOUR PLANET NEEDS YOU!
FIND OUT WHY! →

YOU CAN MAKE BIG CHANGES!
FIND OUT HOW! →

Join the **LOR4x**

ENERGY STAR®
PortfolioManager™

LEARN MORE AT
http://www.epa.gov/energy

CHANGE THE WORLD. Start with ENERGY STAR.
Make a change today to save energy and protect the climate. 1,267,339 individuals already have.

[TAKE THE PLEDGE](#) [JOIN TEAM ENERGY STAR](#) [BECOME A PLEDGE DRIVER](#) [SHARE YOUR STORY](#)

INCREASED PLEDGE

INTERACTIVE MAP

Use the Filter to narrow your search and find buildings that are among the country's most energy efficient.

Greenhouse Gas Emissions
 Energy Star
 Pledge Drivers

[SEARCH](#)



What's Your score?

it's easy

[Get Started!](#)

CAMPAIGN STATUS

Low Carbon IT Campaign Power Management Pledge

6,622,596
Computers Pledged to Power Manage.

2,529,848,024
LBS of Greenhouse Gas Emissions Avoided Annually.

1,648,109,462
kWh Saved Annually.

Check back regularly to see how your efforts and those of others are collectively making a difference!



Over 6,000 Organizations Partner with ENERGY STAR



ENERGY STAR is the simple choice for energy efficiency. For more than 20 years, EPA's ENERGY STAR program has been America's resource for saving energy and protecting the environment. Join the millions making a difference at energystar.gov.



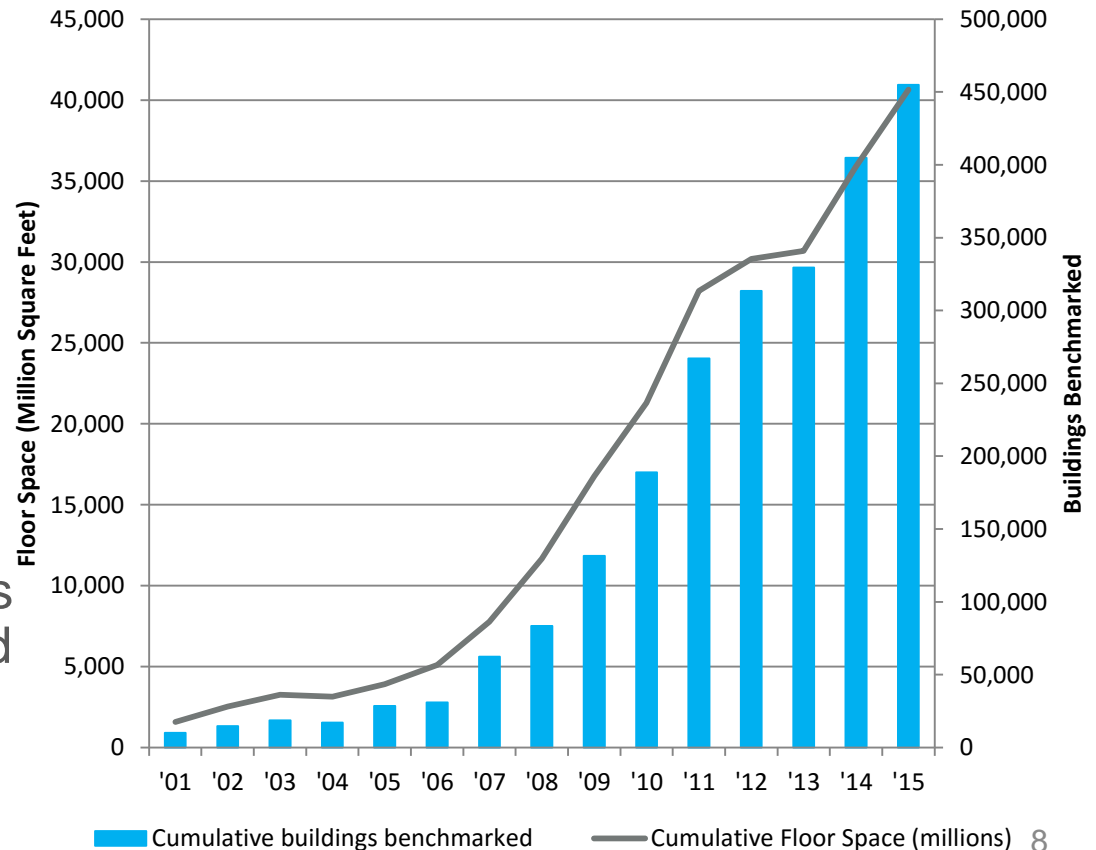


Benchmarking with ENERGY STAR is the industry standard.

Cumulative through 2015

- More than 450,000 properties benchmarking energy use
- More than 110,000 properties benchmarking water use in Portfolio Manager
- More than 200,000 properties benchmark energy/water using web services
- More than 27,000 properties are ENERGY STAR certified

Buildings Benchmarked in EPA's Portfolio Manager





ENERGY STAR® PortfolioManager®

- **Track key performance metrics across a portfolio**
 - ENERGY STAR 1-to-100 score available for many building types
 - Whole-building energy consumption for all buildings types
 - Track greenhouse gas emissions and water consumption
 - ENERGY STAR Score update with 2012 CBECS data beginning soon
 - *Waste Tracking coming Spring 2016!*
 - *Potential 1-100 multifamily water performance score in development*
- **Implement state-wide programs in one platform**
 - Set baselines for energy and water performance for all state program participants
 - Collect benchmarking results using streamlined data sharing features
 - Create custom reports and communicate results
 - Leverage ENERGY STAR recognition

→ *Accessible in a free, online secure platform:*

www.energystar.gov/benchmark

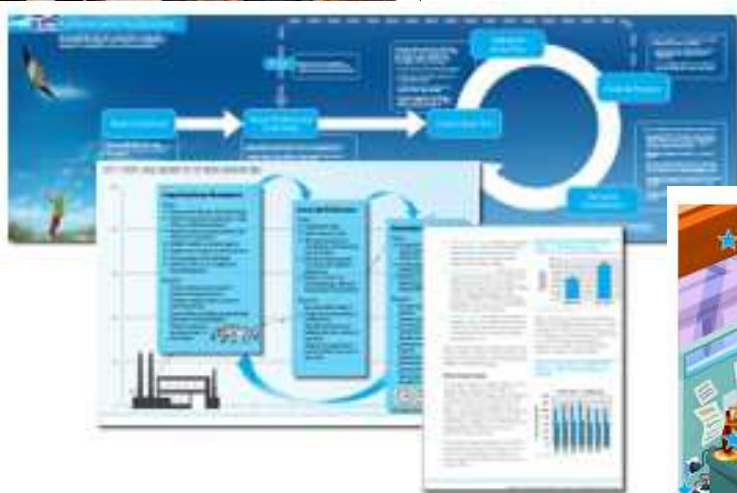
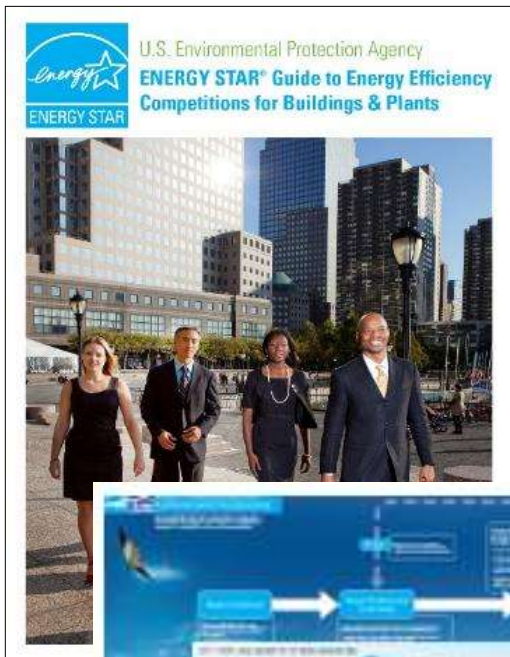


ENERGY STAR makes benchmarking *actionable*

- Guidelines for Energy Management
- Energy Efficiency Competition Planning Guide
- Success Stories: Landlords and Tenants
- Communications Strategy Planning Guide
- “Bring Your Green to Work” Engagement Kit
- Action Workbooks for Congregations and Small Businesses

...new resources added regularly!

www.energystar.gov/buildings/tools-and-resources





Engage utility providers to support benchmarking with better access to data

- Utilities can:
 - Use ENERGY STAR performance metrics to target program resources, identifying buildings with significant energy efficiency potential
 - Promote benchmarking as an integral component of programs promoting whole-building performance improvement
 - Improve customer access to data needed to benchmark in Portfolio Manager
 - [New! Find Utilities Providing Energy Data for Benchmarking](#)
 - [Additional resources for utilities and energy efficiency program sponsors](#)





NASEO Buildings Committee ENERGY STAR Task Force

- Through the establishment of an ENERGY STAR Task Force, NASEO and EPA will work with key member-states to develop policy and programmatic recommendations, resources, and best practices to be shared through the broader Buildings Committee and NASEO membership at-large.
 - Launch model state-wide ENERGY STAR programs that target sectors such as K-12, Industrial, Multifamily, CRE
 - Implement successful state-wide benchmarking programs
 - Leverage local benchmarking/transparency programs
 - Improve access to whole building energy data
 - ENERGY STAR “kit” for State Energy Plans



The NASEO ENERGY STAR Task Force will be kicked off with a 2016 webinar series starting in March!



What does success look like?

Kentucky School Board Association School Energy Managers Project

- Assisting Kentucky school districts in formulating and implementing energy management plans using the seven-step ENERGY STAR Guidelines for Energy Management.
- Increased the number of ENERGY STAR certified schools in Kentucky from—12 to more than 295 since 2008
- Saving more than \$68 million in avoided energy costs since 2009.





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Homepage - www.energystar.gov/buildings

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