

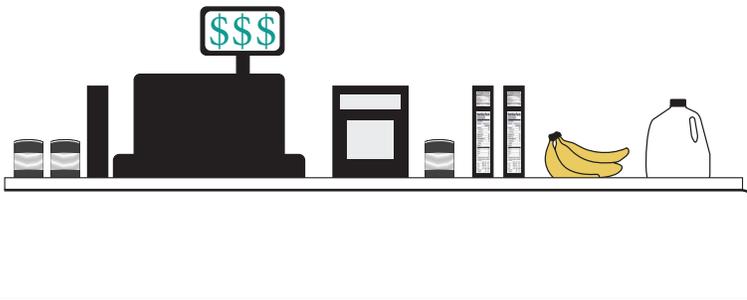
GROCERY

SUSTAINABLE
DESIGN & PRACTICE
BENEFITS

Bottom Line

Energy and cost savings attributed to efficiency measures are well documented. However, sustainable design and practice could have an impact on your bottom line far beyond reduced utility bills.

What if you could increase sales, decrease produce spoilage, and improve worker productivity?



ACCORDING TO
RECENT STUDIES:

The U.S. EPA estimates that \$1 in energy savings is equivalent to increasing sales by **\$59**

Shoppers spend more time in *well-daylit* stores

55% of consumers are willing to pay extra for products and services from companies that are committed to positive social and environmental impact

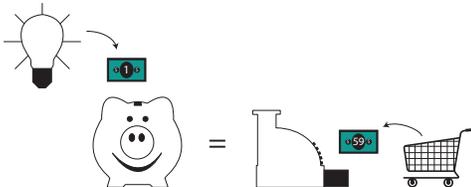
Employees of companies that voluntarily adopt "green practices" are **16%** more productive than the average



Savings Case Studies

Atkinson's Market in Ketchum, ID made energy efficient upgrades to its stores with the help of Idaho Power. This involved upgrading their lighting to fixtures that are more efficient and generate less heat. **This upgrade helps to keep produce fresher longer, and freezers to stay cool more efficiently.**

Sainsbury's grocery chain switched out their existing lighting in favor of more efficient LED lighting. The result was a 59% reduction in energy as well as a **more uniform light distribution**. This created an **improved interior environment** and a **better shopping experience**.



Other Benefits

- Upgrades to refrigeration and lighting systems can reduce the spoilage of perishable goods
- Stimulating the economy through the creation of jobs

(The recycling industry employs over 1 million people and generates \$200 Billion in annual revenues)

Where to Start

- Turn down lights during low traffic times
- Use night curtains on refrigerated cases
- Turn things off when not in use
- Recycle or reuse product packaging
- Set thermostats to minimum settings in stockrooms and offices

For More Information Visit:
www.idahopower.com/eetips

52% of consumers return to a grocery store based on a positive in-store experience.

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HOTELS

SUSTAINABLE DESIGN & PRACTICE BENEFITS

Bottom Line

Energy and cost savings attributed to efficiency measures are well documented. However, sustainable design and practice could have an impact on your bottom line far beyond reduced utility bills.

What if you could raise average daily rates, increase occupancy, host more conferences, and improve employee productivity?



Savings Case Studies

The Willard Intercontinental Hotel in Washington, DC gained **over 1 million dollars in new business in one year as a direct result of their green initiatives.** Meeting planners, and wedding parties who say they chose the hotel because of its green initiatives accounted for this increased revenue.

The Boutique hotel Stadthalle in Vienna won the Green Hotelier Award for 2015 as a result of their green initiatives. Within two years of their reopening they reached an **average occupancy rate of 83%** and an **average rating well above the 3 star standard in Vienna.**



Other Benefits

- Less employee turnover
- Higher resale value for properties and businesses that are sustainably managed
- Stimulating the economy through the creation of jobs

(The recycling industry employs over 1 million people and generates \$200 Billion in annual revenues)

Where to Start

- Linen reuse
- Lighting upgrade
- Low-flow plumbing fixtures
- Recycling
- Occupancy sensing thermostats

For More Information Visit:
www.idahopower.com/eetips



More than 90% of U.S. travelers surveyed said that they would choose a *green, environmentally conscious hotel* if the price and amenities were comparable to those at a non-sustainable hotel

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Multifamily

SUSTAINABLE DESIGN & PRACTICE BENEFITS

Buildings that underwent retrofits had *4.8% higher rental income*, valued at **\$8,240** per unit annually

ACCORDING TO RECENT STUDIES:

\$1 in energy performance improvements can add up to **\$3** in asset value

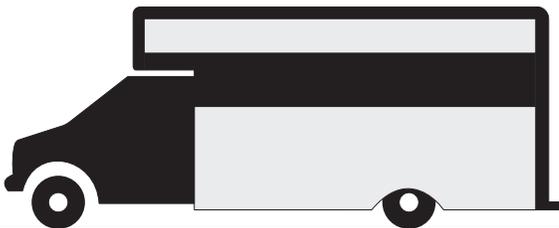
33% of renters moved in 2012. *Over 1/3 cited a housing-related reason for moving*, like the desire for a better home or lower maintenance costs

ENERGY STAR buildings sell for an average of **\$61/SF** more than their peers
LEED buildings sell for an average of **\$171/SF** more than their peers

Bottom Line

Energy and cost savings attributed to efficiency measures are well documented. However, sustainable design and practice could have an impact on your bottom line far beyond reduced utility bills.

What if you could decrease rental vacancy, lower maintenance costs, and increase your property's value?



Savings Case Studies

Energy efficiency improvements in a multifamily building in Buffalo, NY resulted in units that were significantly more comfortable in the winter. **The pre-retrofit vacancy rate of 15.7% was reduced to 2% post retrofit.** The property manager attributed this reduction almost entirely to an energy efficiency heating retrofit.

Three buildings totaling 70 units were retrofitted in Chicago, Illinois. Post retrofit these buildings saw a **17 percent reduction in maintenance costs.** The overall maintenance cost per unit post retrofit is \$836 compared with a national average of \$1,084.



Other Benefits

- Fewer unit turnovers
- Higher property values
- Tenants have greater income stability
- Higher rents
- Good publicity

Where to Start

- Improve insulation in the walls and roof
- Improve the sealing around the windows
- Upgrade the heating and cooling equipment
- Install low-flow plumbing fixtures
- Replace less-efficient lights with LED lighting

For More Information Visit:

https://www.energystar.gov/sites/default/files/tools/FINAL_Multifamily_Checklist.pdf



More efficient plumbing fixtures such as low-flow toilets and faucet aerators can produce savings of 30-40% with two year paybacks. This helps to cover the costs of more expensive building upgrades such as window and boiler replacements which have a longer payback period.

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OFFICE

SUSTAINABLE DESIGN & PRACTICE BENEFITS

Bottom Line

Energy and cost savings attributed to efficiency measures are well documented. However, sustainable design and practice could have an impact on your bottom line far beyond reduced utility bills.

What if you could improve employee well-being, increase rent rates, bolster your company's public image, and improve employee productivity?



ACCORDING TO RECENT STUDIES:



Savings Case Studies

Adobe Systems, Inc. announced in 2006 that it had received **three LEED Platinum awards** for its headquarters towers. The company reaped **great publicity** and showed that it had garnered a net present **value return of almost 20 to one** on its initial investment.

CSHQA transformed an old, distressed warehouse in a redeveloping district of Boise into a **modern sustainable facility** for their office. They integrated their values and culture by creating **a model for how to live and work while providing a great employee environment, sustainably and cost effectively.**



Other Benefits

- Increasing communication
- Creating positive psychological and social experiences
- Stimulating the economy through the creation of jobs

(The recycling industry employs over 1 million people and generates \$200 Billion in annual revenues)

Where to Start

- Lighting upgrade
- Install occupancy sensors
- Turn things off when not in use (PC power management)
- Recycle office paper
- Replace old equipment with more energy efficient devices

For More Information Visit:
www.idahopower.com/eetips

Health Care Savings

Building retrofits which improved the indoor environment of a building resulted in **reductions of:**

Non-specific Health and Discomfort Effects **20-50%**

Communicable Respiratory Diseases **9-20%**

Allergies and Asthma **18-25%**

Fewer Sick Days

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RETAIL

SUSTAINABLE DESIGN & PRACTICE BENEFITS

Bottom Line

Energy and cost savings attributed to efficiency measures are well documented. However, sustainable design and practice could have an impact on your bottom line far beyond reduced utility bills.

What if you could increase sales, create a more pleasing shopping environment, and improve worker productivity?



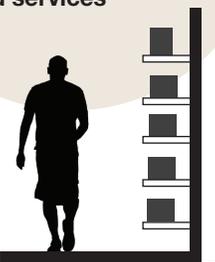
ACCORDING TO RECENT STUDIES:

66 %
of consumers
worldwide prefer
to support
companies that
give back to
society

Shoppers spend
more time in
well-daylit
stores

82% of "green
customers" said that
*they would pay a
premium of at least
5% for green products
and services*

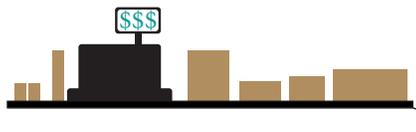
Employees of
companies that voluntarily
adopt "green practices"
are **16%** more
productive than the
average



Savings Case Studies

A study of 108 retail stores conducted by The Heschong Mahone Group (HMG) statistically demonstrated that **diffusing sky-lights improve retail sales by 40 percent** compared to retail stores without daylight. **An increase in sales for a typical store from \$2.00/ft² to between \$2.61 and \$2.98/ft²** might be expected with the addition of a skylight system.

Havertys is a full-service home furnishings retailer that in 2013 selected a Virginia Beach showroom for a lighting upgrade. The solution was to **replace all of their track lights with more efficient LED lighting**. The transition to LED lights has been a big success **providing higher quality lighting for showroom products**.



Other Benefits

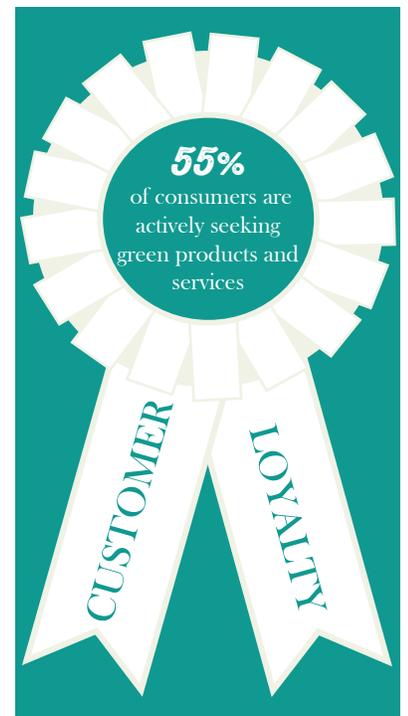
- Creating a more pleasing shopping and working environment
- Managing reputation or brand
- Stimulating the economy through the creation of jobs

(The recycling industry employs over 1 million people and generates \$200 Billion in annual revenues)

Where to Start

- Lighting upgrade
- Install occupancy sensors
- Turn things off when not in use
- Recycle or reuse product packaging
- Set thermostats to minimum settings in stockrooms and offices

For More Information Visit:
https://www.energystar.gov/ial/business/challenge/learn_more/Retail.pdf



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