

Intro logo

Perception

Case Study Brewery Blocks 2

Case Study Landmark Building 2

US DOT case study_2

FAA case study_2

EPA case study_4

National weather service case study

Estimated value chart

Member growth



USGBC press

Immediate Measurable A

Triple bottom line

Triple bottom line_2

Additional construction costs

A \$4 investment

Average production gains

Health gains

Immediate Measurable A

Triggers to accelerate green building

What is the LEED system?_4

Levels of LEED ratings

Categories of LEED ratings_2

**LEED streamlined, refined
and online**

**LEED streamlined, refined
and online_2**

transforming
the

built

PORTFOLIO PROGRAM

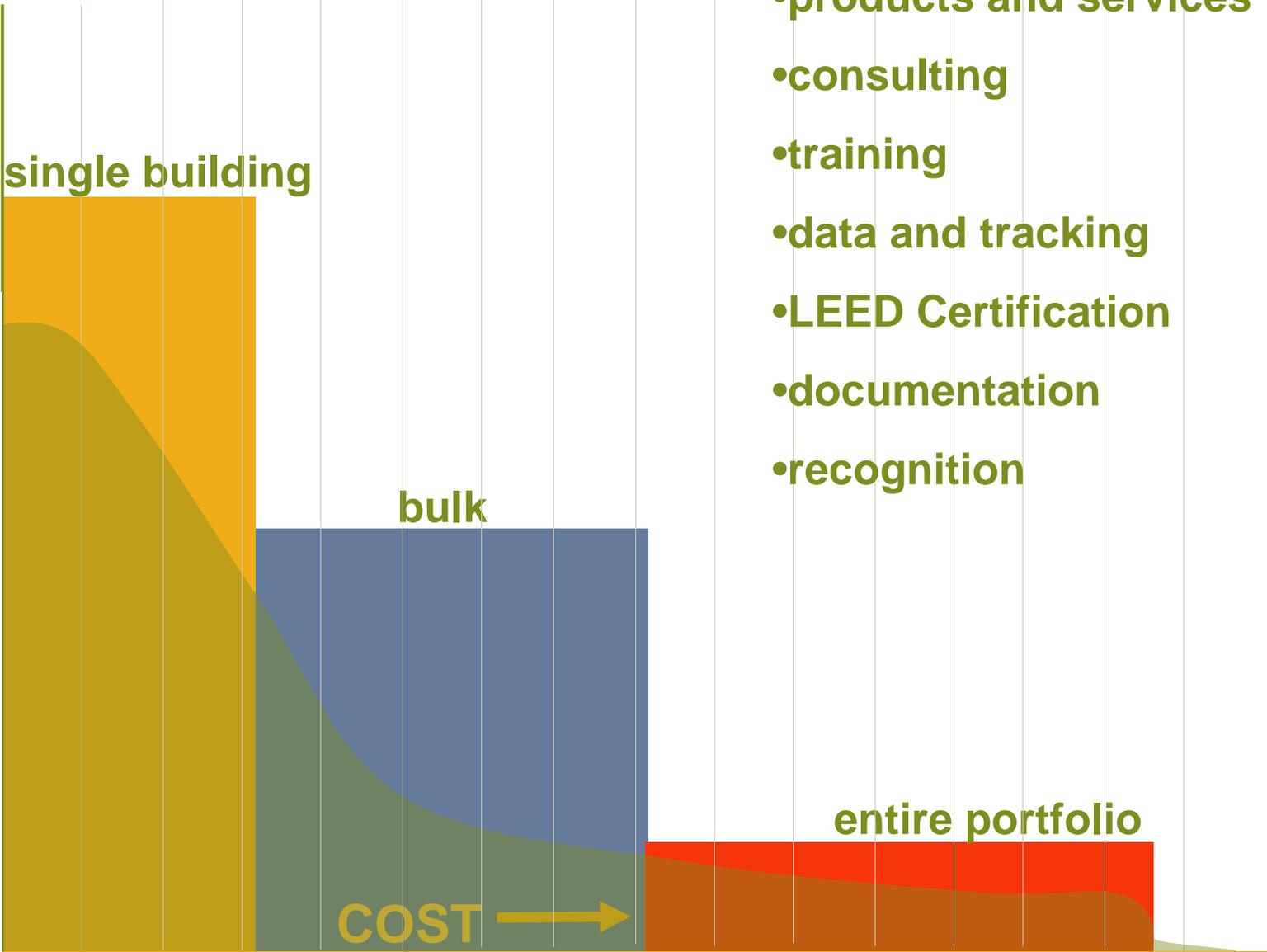
environment

**facilitate and recognize
environmental leadership
across organizational building portfolios**

Goals

- **recognize organizational excellence**
- **enable certification of multiple properties**
- **enable evaluation of prototypical credits**
- **provide a path for portfolios to adopt sustainable business practices as standard operating procedures**

per building cost efficiencies for:



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envir
PORTFOLIO
PROGRAM

Participant benefits

- 1.** Ability to clearly understand current portfolio-wide performance
- 2.** Savings realized through sustainable, cost-effective solutions
- 3.** Credibility and market advantages gained from third party verification
- 4.** USGBC-branded recognition

SUSTAINABLE SITES

- Goals
- Protect and/or restore sites
- Reuse existing buildings and/or sites
- Protect natural and agricultural areas
- Reduce need for automobiles

WATER EFFICIENCY

- Goals

- Water use reduction
- Reduce quantity of water needed
- Reduce municipal water supply and treatment burden

MATERIALS & RESOURCES

- Goals

- Reduce the amount of materials needed
- Use materials with less environmental impact
- Reduce and manage waste

INDOOR ENVIRONMENTAL QUALITY

- Goals

- Establish good indoor air quality
- Eliminate, reduce and manage the sources of indoor pollutants
- Ensure thermal comfort and system controllability
- Provide for occupant connection to the outdoor environment

ENERGY & ATMOSPHERE

- Goals
- Optimize energy efficiency and system performance
- Encourage renewable and alternative energy sources
- Support ozone protection protocols

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environment

CASE STUDIES

**Thomas Properties
Group**

Joe Serna Jr.

California EPA

Headquarters

Sacramento, CA

Commercial Office

**LEED-EB Platinum Pilot
Project**

Thomas Properties
Group

Joe Serna Jr.
California EPA
Headquarters
Sacramento, CA
Commercial Office
LEED-EB Platinum Pilot
Project

HIGHER

1. Staff retention
2. Occupant
3. Asset Value

LOWER

1. Energy Use
2. Waste Disposal
3. Operational Costs

10 million dollar increase in
asset value.

1,000,000 dollars in
annual savings due to improved
operations.

Case Study National Geographic

1

Case Study National Geographic

2



Girvetz Hall - UCSB
Santa Barbara, CA
Higher Education
LEED-EB Silver



The Environment Around Boulder Says Thanks!

ENERGY
STAR
Rating = 92

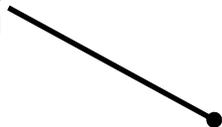
25% indoor
water use reduction

100% use of green
cleaning products

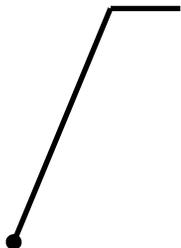
23% of students transported
to UMC on biofuel busses

University Memorial Center
University of Colorado
Boulder, CO
Higher Education
LEED-EB Silver

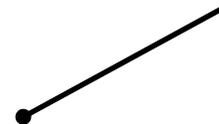
100 fume hoods
centrally controlled



recycled 86 tons of
construction waste



>50% occupant
recycling



USGBC ripple effect

Ripple effect 2

USGBC logo

Greenbuild Slide