



The Premier Energy Training Workshop
and Trade Show for Federal Agencies

A River of Energy Solutions

Achieving long term sustainability

Jeremy Cohen– U.S. Green Building Council

Sustainability in 10 years

Discuss sustainability and where it will be in 10 years . . .

- Defining sustainability
- Themes & trends from green building

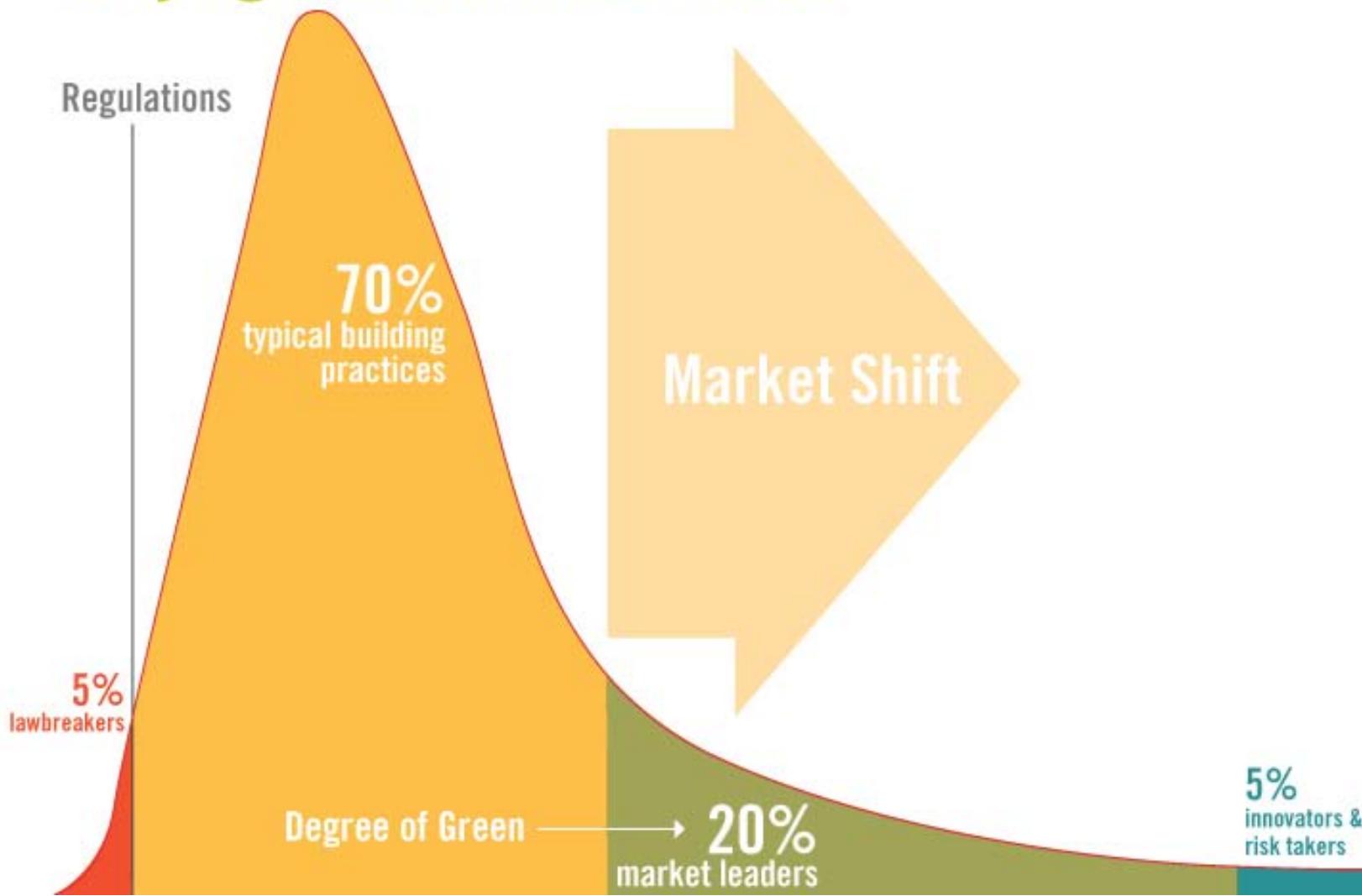
Themes and Trends

PAST: holistic, integrative,
innovative

PRESENT: standards, lifecycle

FUTURE: scale, performance,
information

Varying Performance Levels



Past

- Holistic
- Integrative
- Innovative

Holistic

Sustainable Sites



Innovation
in Design

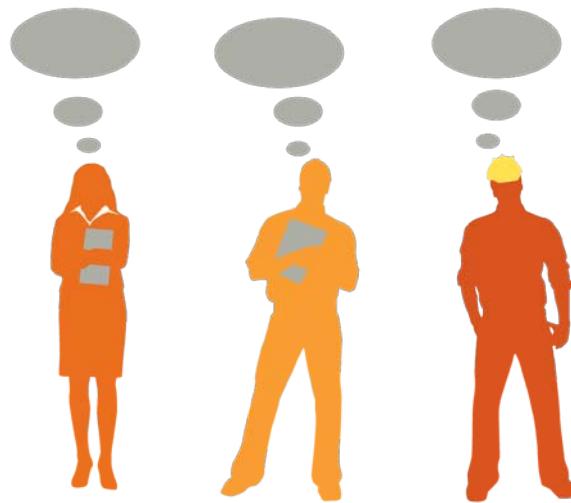
Indoor
Environmental
Quality

Materials &
Resources

Water
Efficiency

Energy &
Atmosphere

Integrative



VS



Innovative

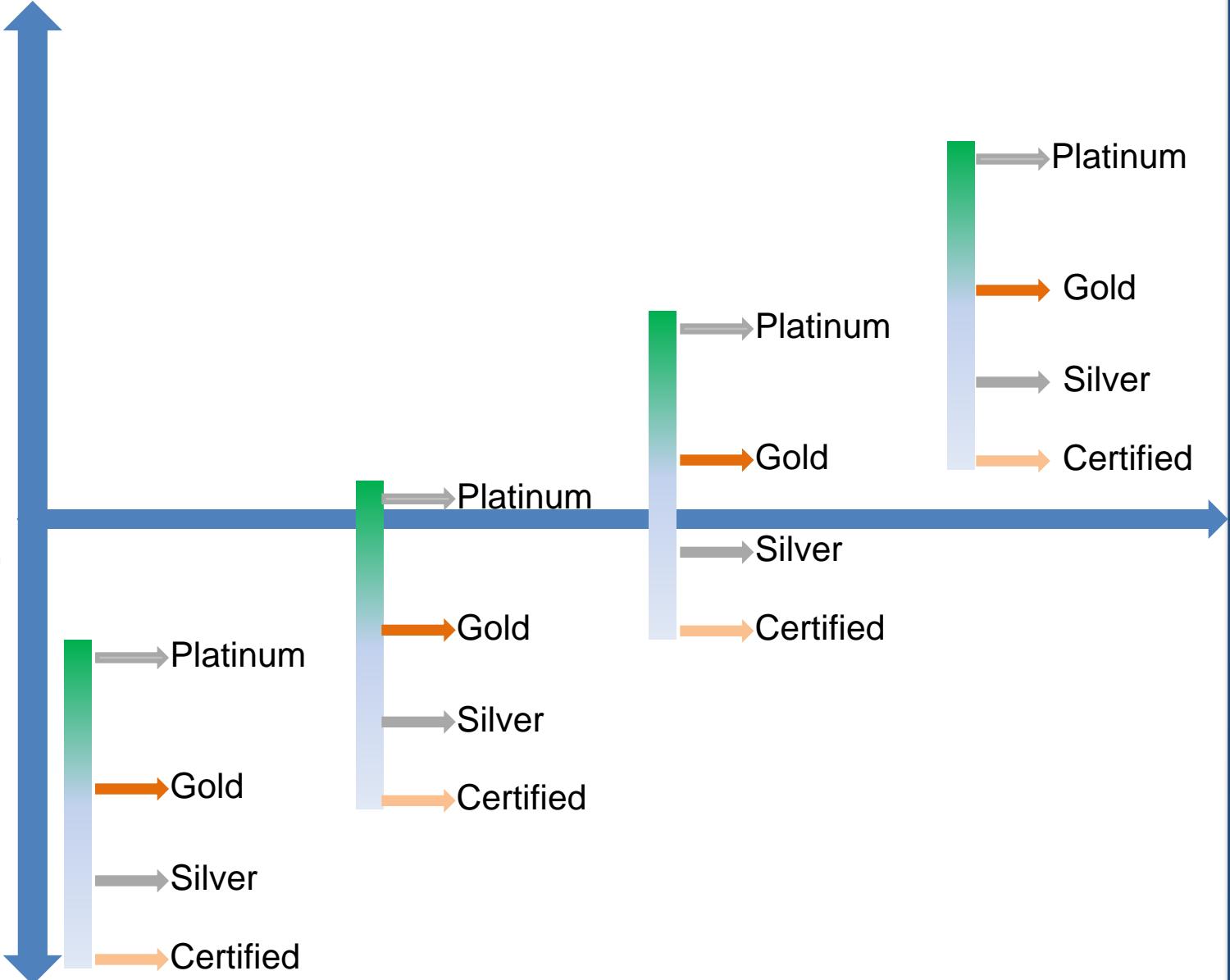
Era of “Firsts”



Bren Hall LEED-NC v1.0 Platinum (2002)

NET ZERO IMPACT

+

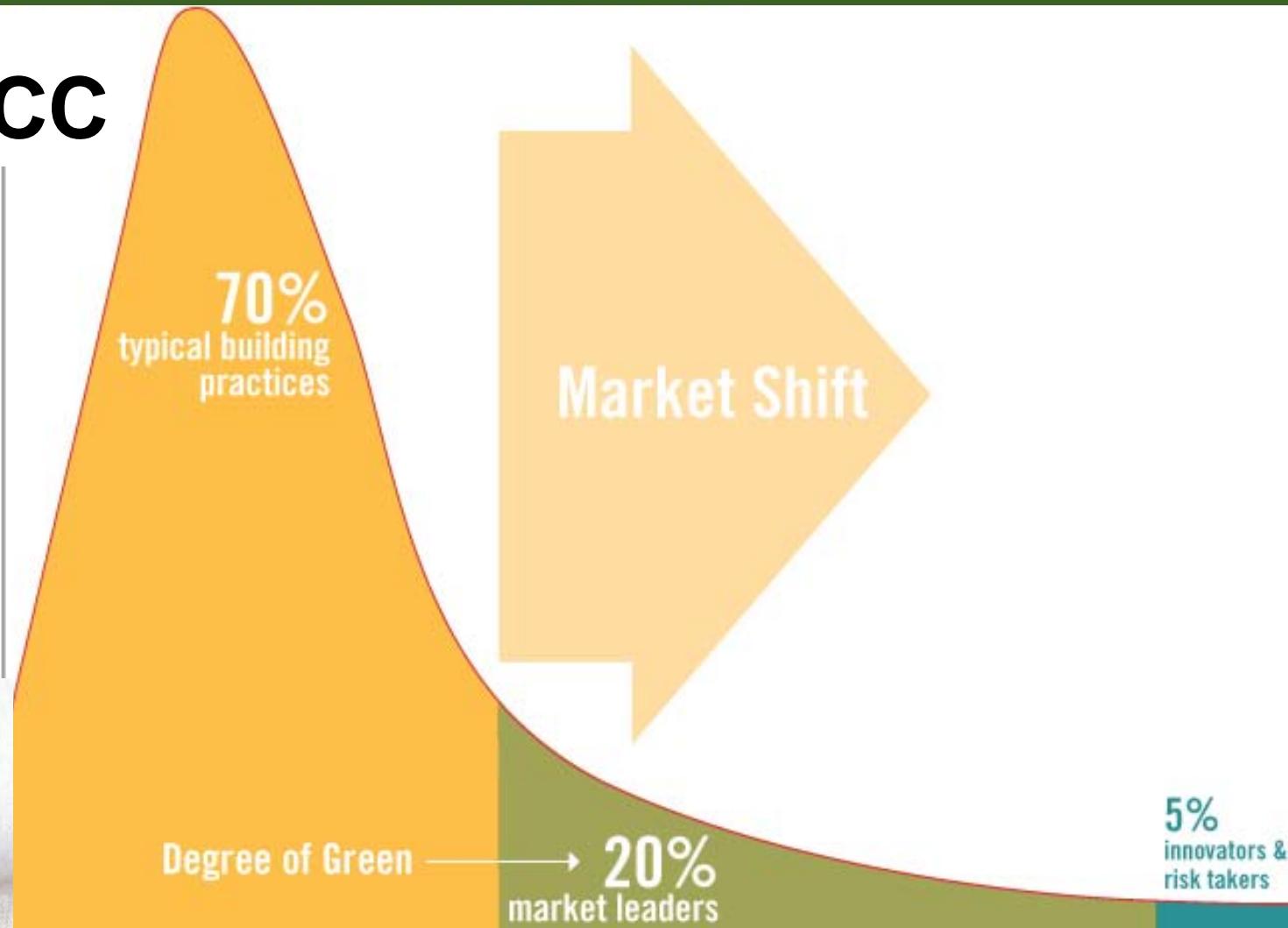


Present

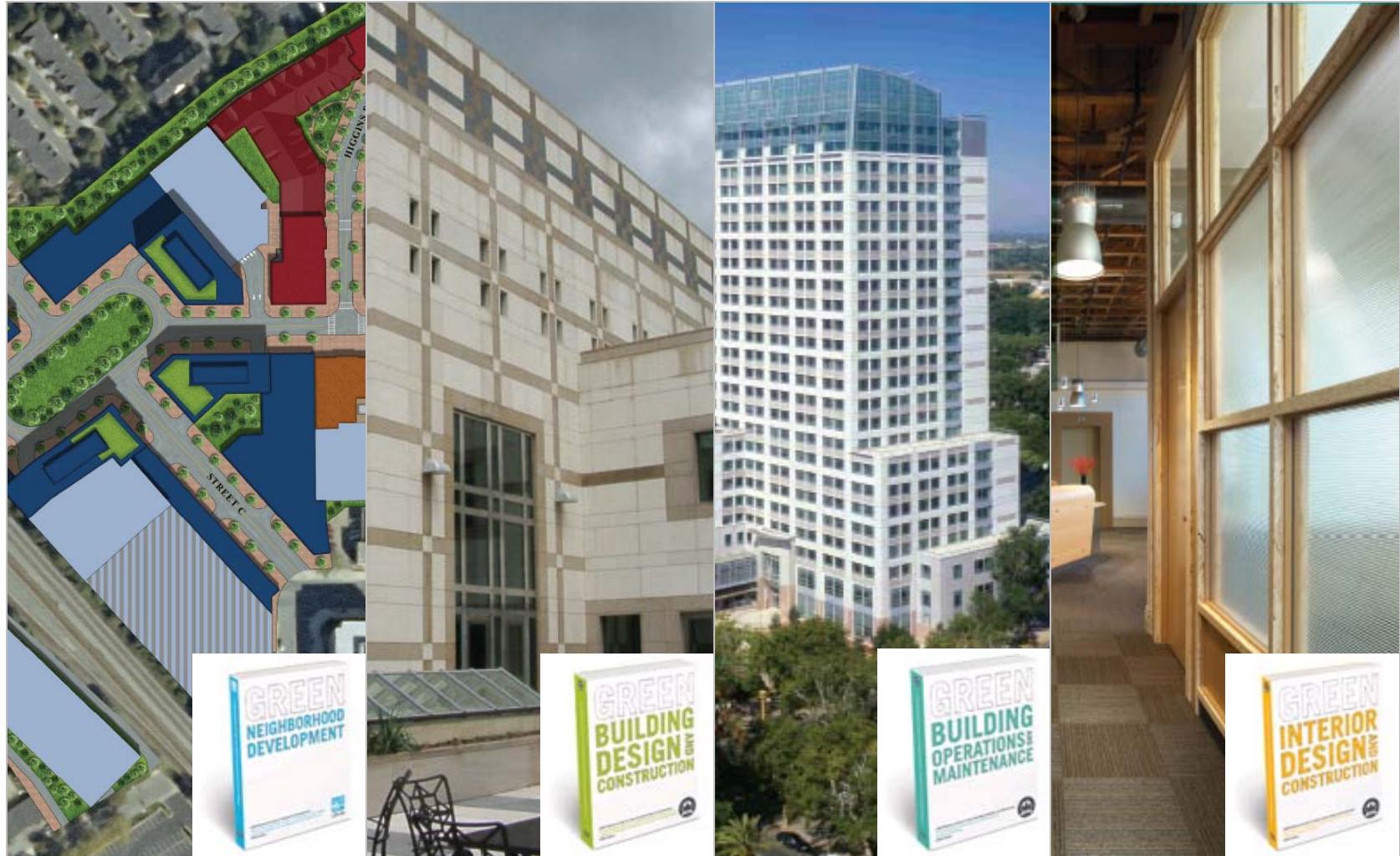
- Standards
- Lifecycle

Standards

IgCC



Lifecycle

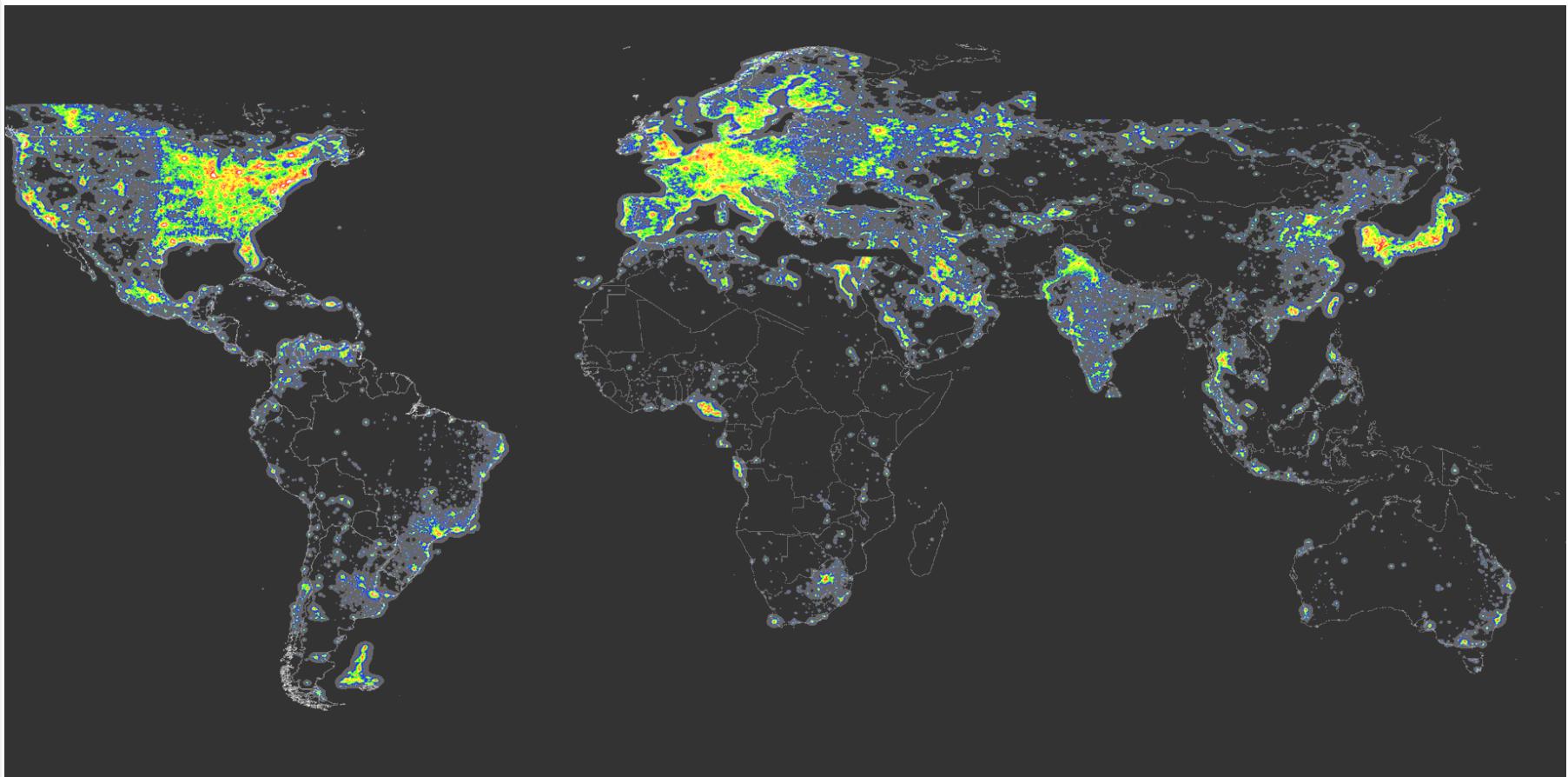


Future

- Scale
- Performance
- Information

Scale

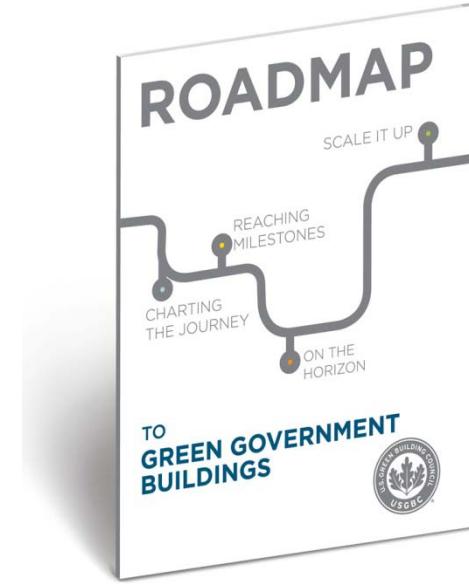
Era of Scale



LEED VOLUME PROGRAM

EXISTING BUILDINGS: OPERATIONS + MAINTENANCE

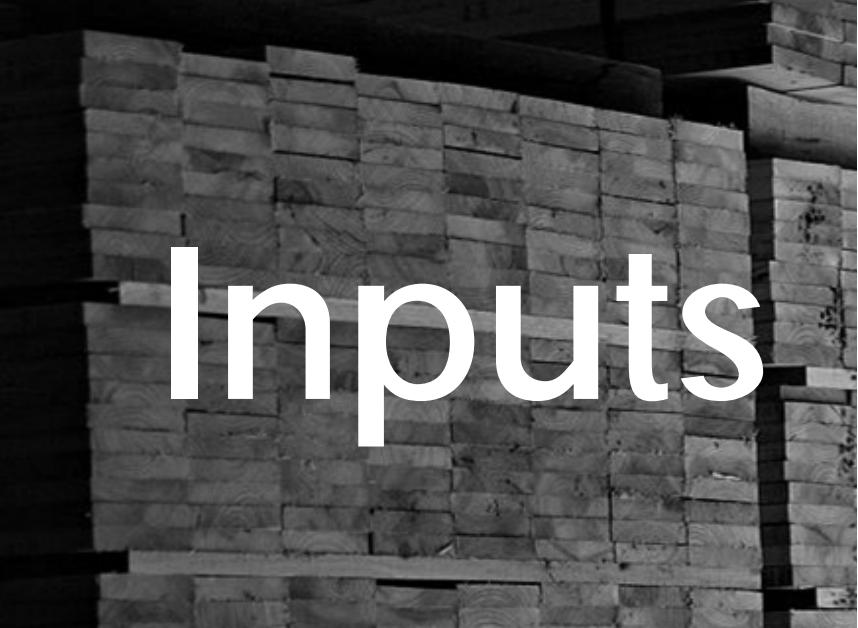
U.S. GREEN BUILDING COUNCIL & GREEN BUILDING CERTIFICATION INSTITUTE



Application Guide for
multiple building and on
campus projects

www.usgbc.org/campusguidance

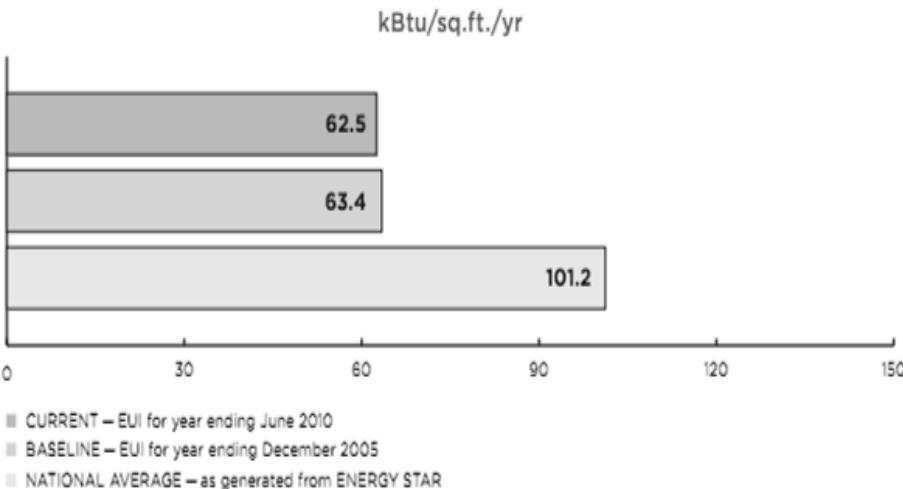
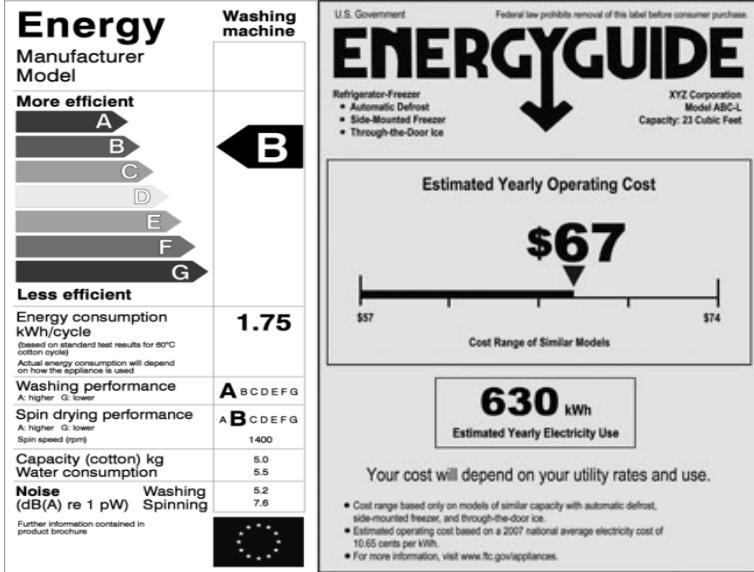
Performance

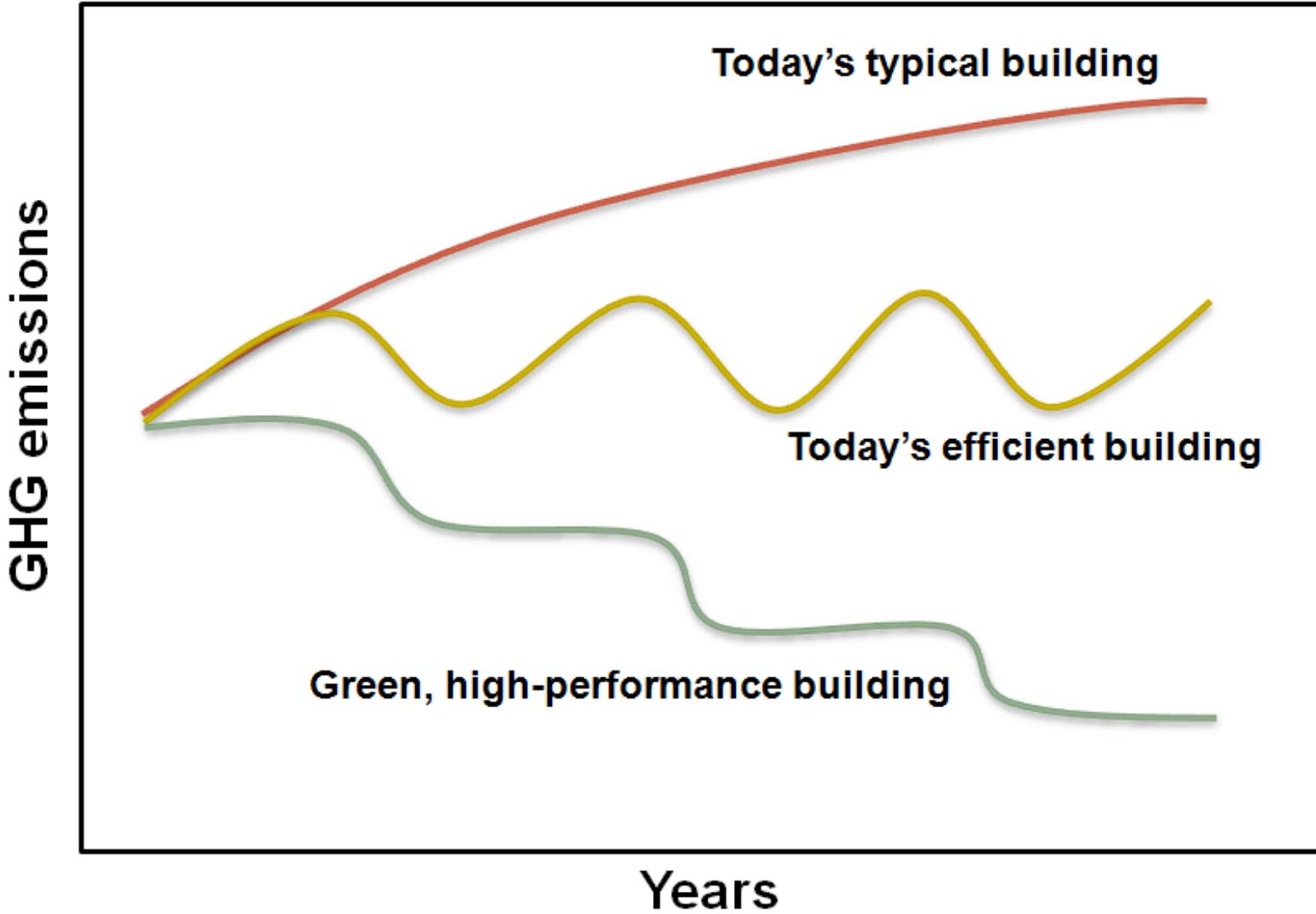


Inputs



Performance

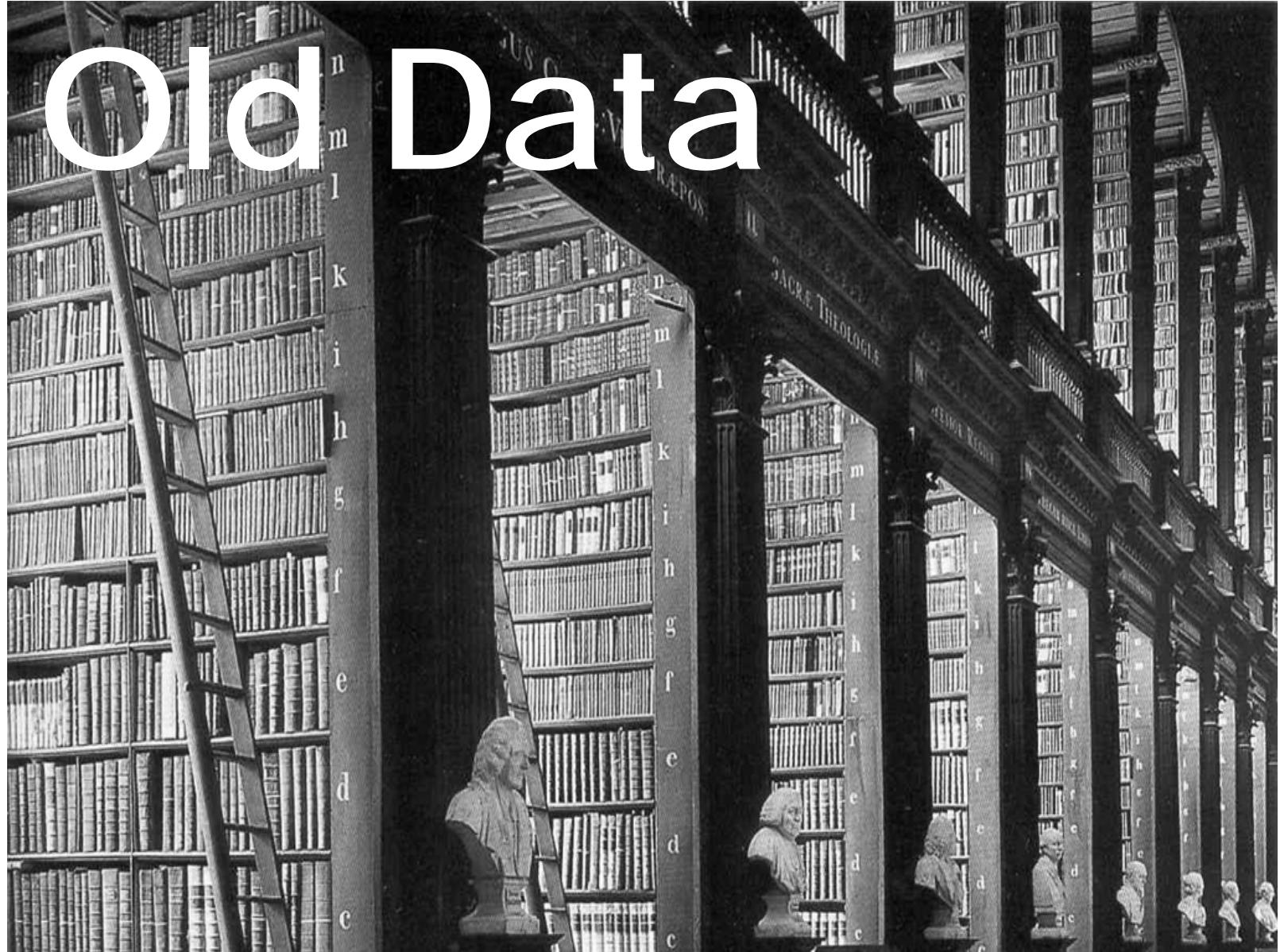




BUILDING PERFORMANCE PARTNERSHIP

A partnership between USGBC and building owners to optimize building performance through data collection, analysis and action. BPP will transform the way the world views efficient building operations.

Information





New Data

GBIG

The Green Building Information Gateway

www.gbig.org



GBIG EXPLORER: Place

Explore Places and Cities Through Green Building Data



GBIG EXCHANGE: Portal

Create & Share Green Building Maps, Applications & Groups

More GBIG Apps



GBIG Explorer ➔

Explore over 250 green buildings in the



GBIG Analyst ➔

Navigate a map displaying nearby LEED



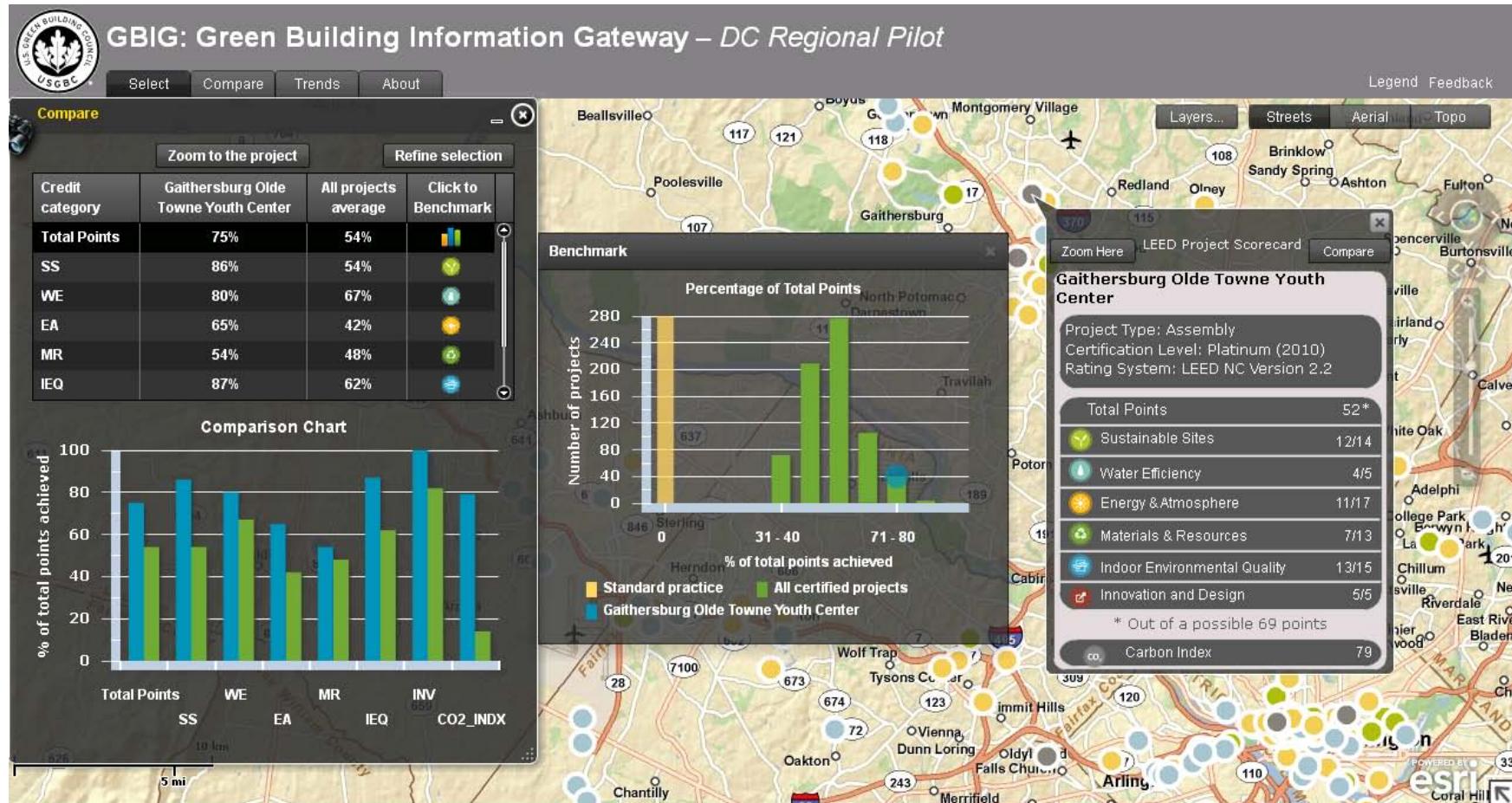
GBIG DC Regional Pilot ➔

Information technology that provides a view



Source: ArcScene

GBIG Pilot Project



Sustainability in 10 years

Holism, integration, and innovation
continue to redefine the possible

Minimum **standards** and **lifecycle** focus
apply broad pressure for change

Achieving **scale** and sustained
performance powered by **information**

QUESTIONS ?

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