

**GREEN
BUILDINGS
FOR EVERYONE
WITHIN THIS
GENERATION**

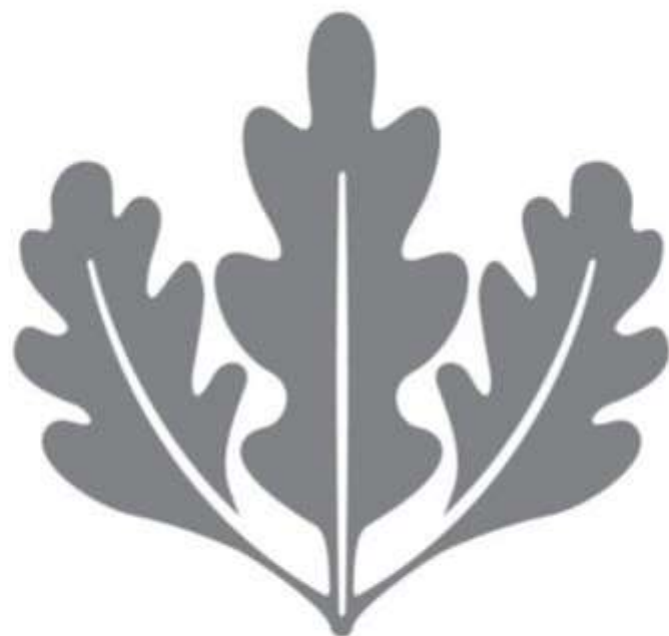


LEED as a Global, Regional and Local Tool for Market Transformation



Mark Ginsberg

USGBC Senior Fellow



MISSION

To transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy and prosperous environment that improves the quality of life.

VISION

Buildings and communities will regenerate and sustain the health and vitality of all life within a generation



The U.S. Green Building Council (USGBC) and its community are changing the way buildings and communities are designed, built and operated. We believe in better buildings; places that complement our environment and enhance our communities. Places that give people better, brighter, healthier places to live, work and play.





Leadership in Energy and Environmental Design



LEED® is an internationally recognized mark of excellence for buildings, communities and professionals that are transforming the building industry.



Pictured: Patrick H. Dollard Discovery Health Center | LEED Certified



Like a nutrition label, LEED® shows the ingredients that go into a green building, home, or neighborhood.

NEW CONSTRUCTION

NEIGHBORHOOD DEVELOPMENT

COMMERCIAL INTERIORS

HOMES

**EXISTING BUILDINGS
OPERATIONS + MAINTENANCE**

HEALTHCARE

CORE + SHELL DEVELOPMENT

RETAIL

SCHOOLS



LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN

A row of international flags on poles, including the German flag, is shown against a background of water and a cloudy sky. A large, semi-transparent green circle with a geometric pattern is overlaid in the center. The text "LEED®" is written in large white letters, and "IS GLOBAL" is written in smaller white letters below it.

LEED®
IS GLOBAL

LEED INTERNATIONAL *roundtable*



150 COUNTRIES & TERRITORIES

214,000 Projects

11.1 Billion Square Feet





TOP 10 COUNTRIES

FOR LEED OUTSIDE THE U.S.

1

CANADA

4

SOUTH
KOREA

7

BRAZIL

2

CHINA

5

TAIWAN

8

SINGAPORE

3

INDIA

6

GERMANY

9

UNITED ARAB
EMIRATES

10

FINLAND

GLOBAL
REGIONAL
LOCAL

ASIA PACIFIC

430 million square feet of LEED-certified space





WHY BUILD GREEN?





Green Infrastructure & Buildings

Energy Use

24%-50%

CO₂ Emissions

33%* -39%****

Water Use

40%**

Solid Waste

70%**

Green Buildings Can Reduce...

* Turner, C. & Frankel, M. (2008), Energy performance of LEED for New Construction buildings. Final report.

** Kats, G. (2003). The Costs and Financial Benefits of Green Building. A Report to California's Sustainable Building Task Force.

*** GSA Public Buildings Service (2008). Assessing green building performance. A post occupancy evaluation of 12 GSA buildings.

THE BUSINESS BENEFITS

Design and Construction Costs

Asset Value

Operating Costs

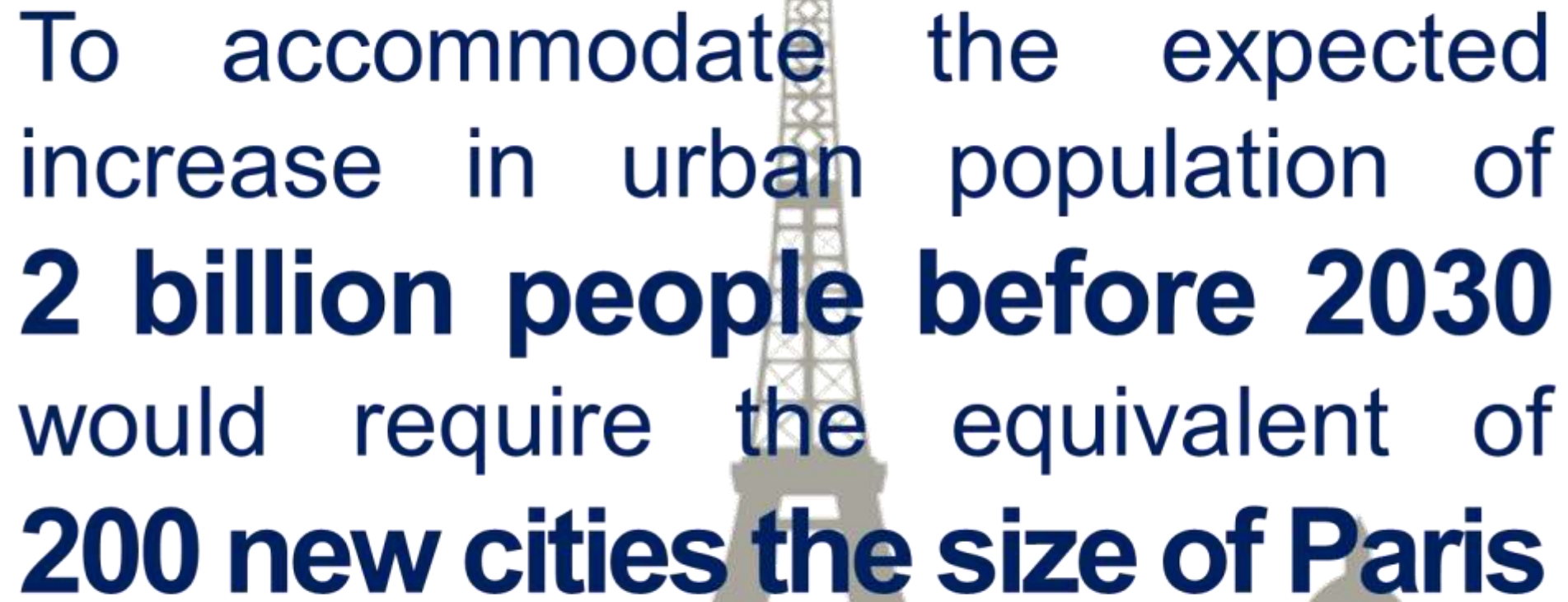
Workplace Productivity and Health

Risk Mitigation

SCALING UP

FROM GREEN BUILDINGS TO GREEN CITIES



A light gray silhouette of the Paris skyline is visible in the background. The Eiffel Tower is the central and tallest element, with its lattice structure clearly defined. To the left of the tower, there are smaller silhouettes of buildings, including one with a prominent archway. To the right, the large dome of Notre-Dame de Paris is visible. The entire skyline is set against a plain white background.

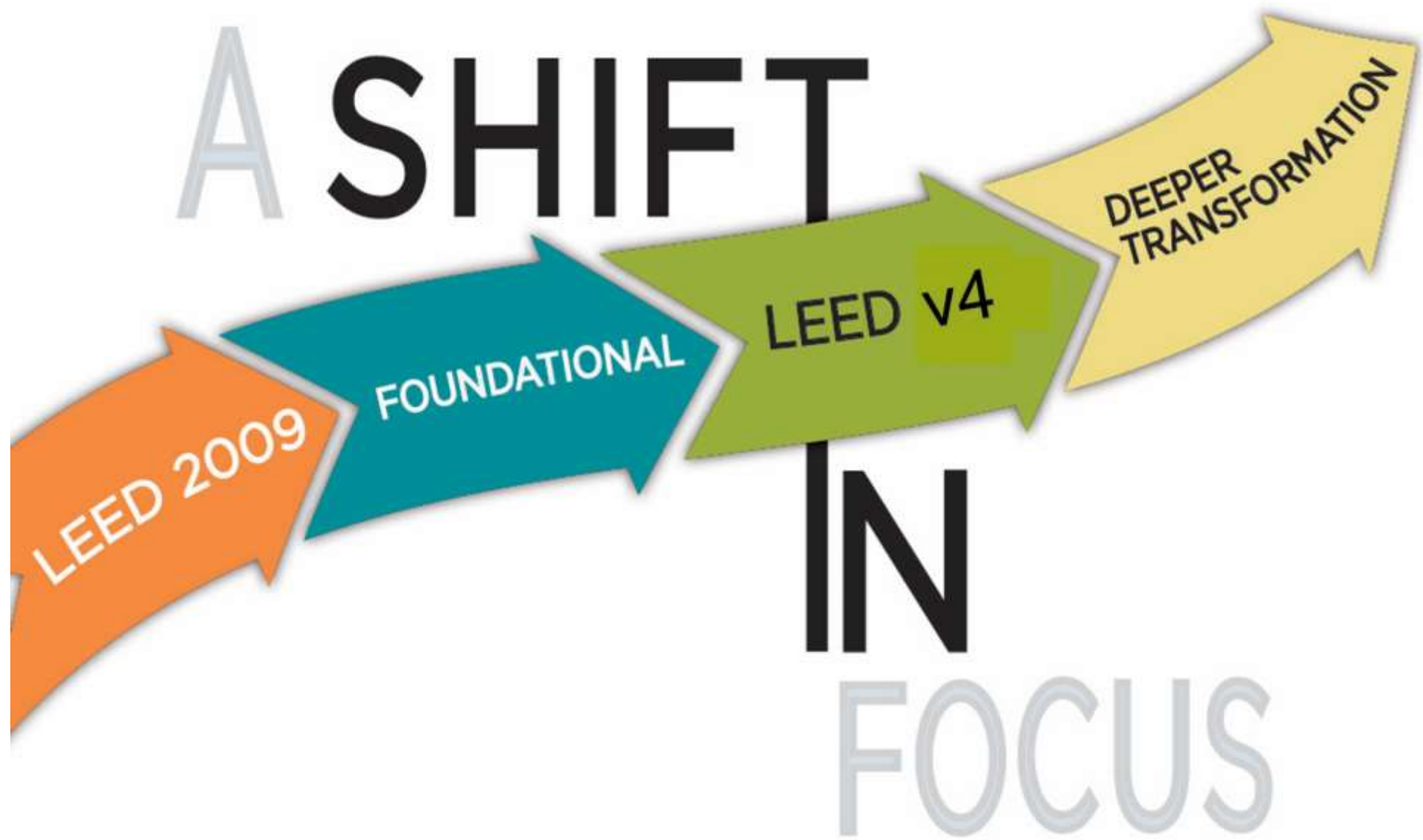
To accommodate the expected
increase in urban population of
2 billion people before 2030
would require the equivalent of
200 new cities the size of Paris

**We must work together to protect
our good Earth**





LEED
v4





LEED

MARKET
TRANSFORMATION

Transforming the Market

Through:

Dynamic Plaque

Training and Certifying Professionals

Publications

New Media and Interviews

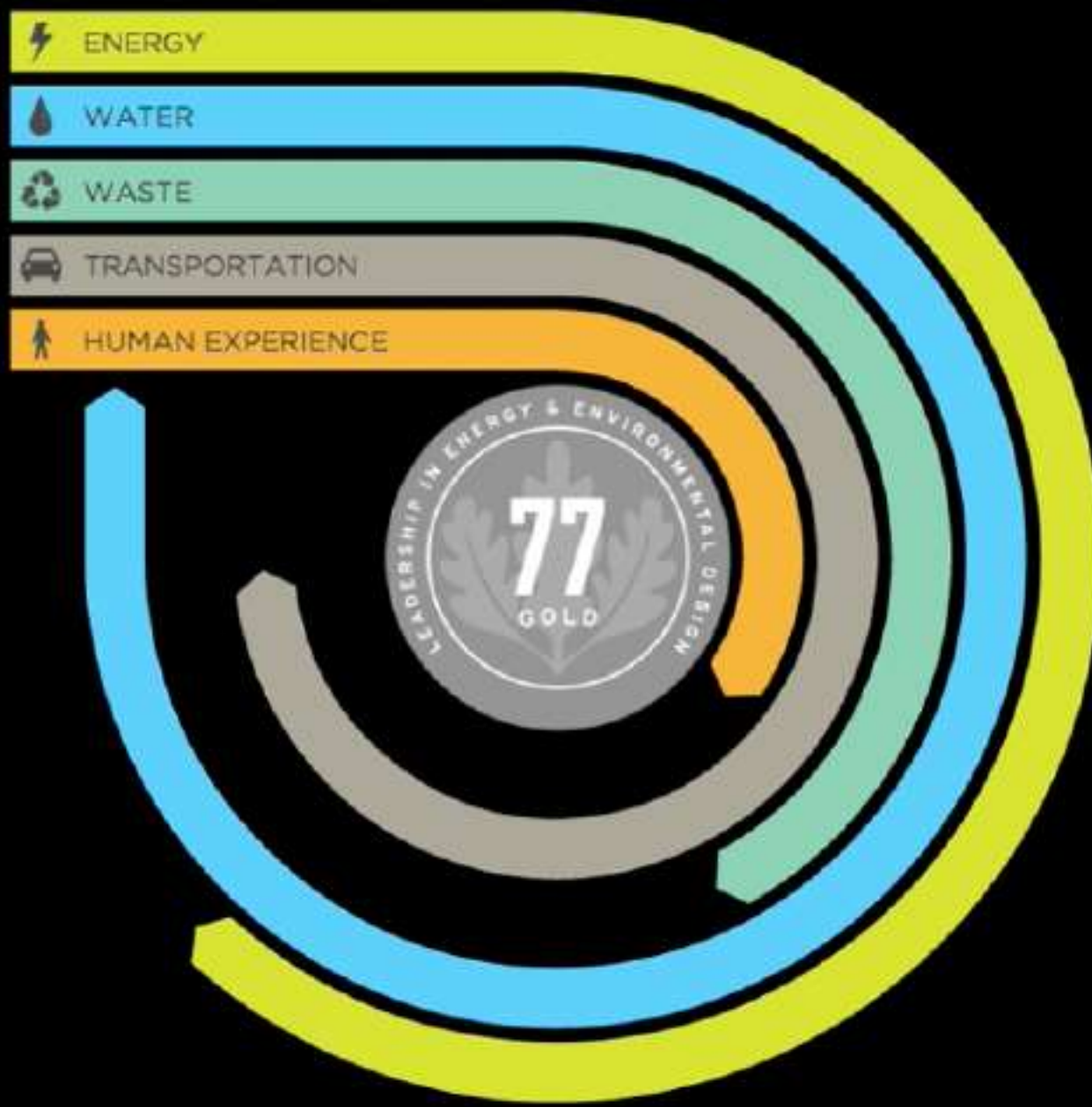
Policy and Initiatives

Education and Green Schools

GBIG Website

Connecting Green Buildings and Health





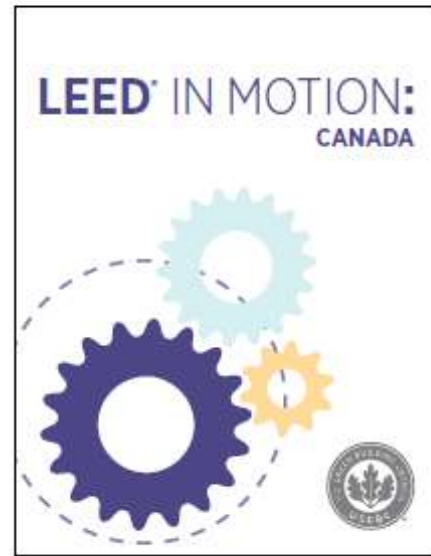
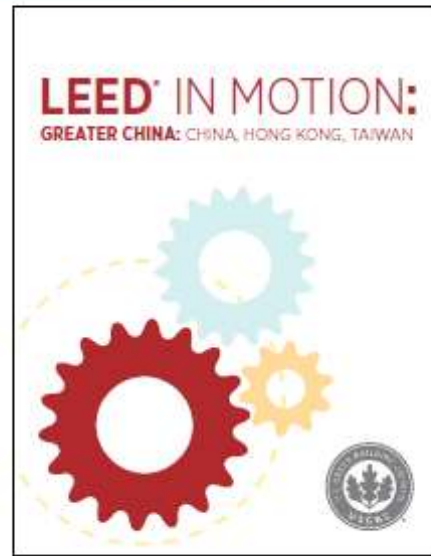
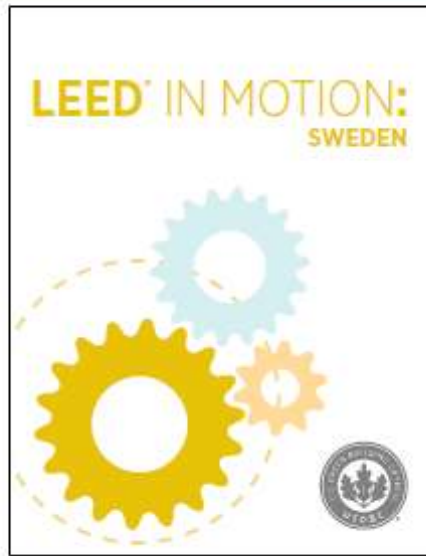
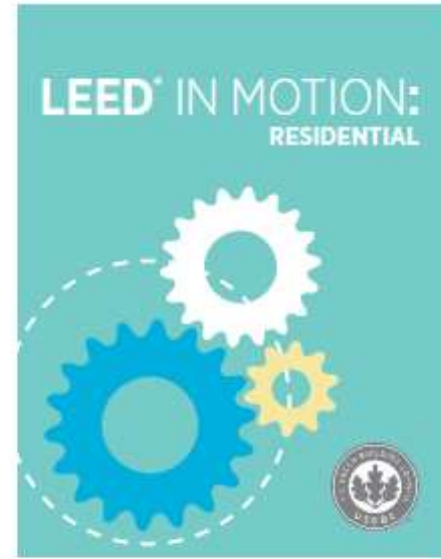
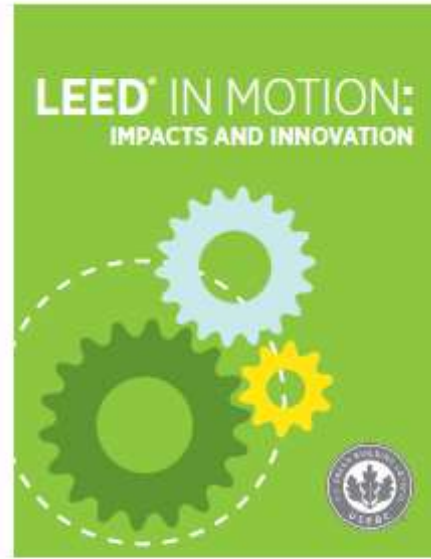
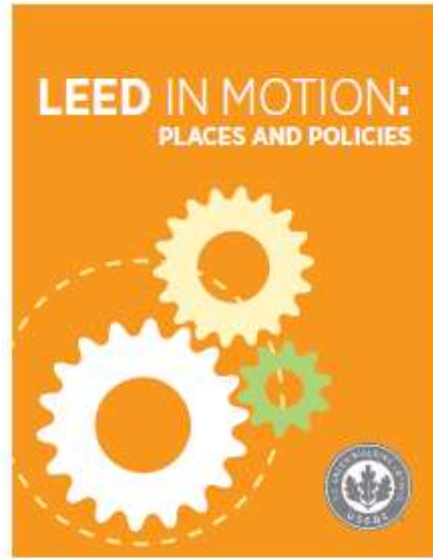
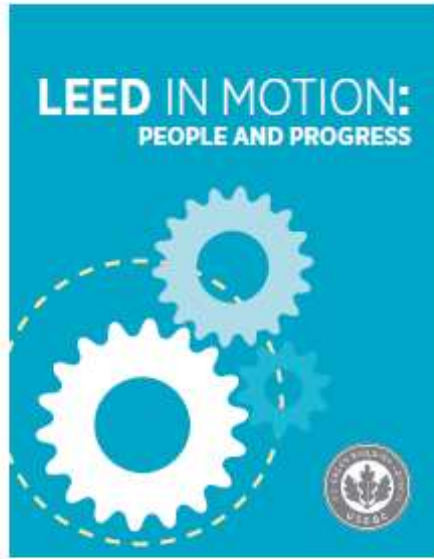


LEED® PROFESSIONALS

A LEED professional credential signifies that you are a leader in the field and an active participant in the green building movement.

| RATING SYSTEMS | LEED® for Building Design and Construction | LEED® for Interior Design and Construction | LEED® for Building Operations and Maintenance | LEED® for Neighborhood Development™ |
|---------------------------|---|---|---|---|
| REFERENCE GUIDES |   |  |  |  |
| MARKET SECTOR ADAPTATIONS | New Construction Core and Shell Schools Retail Healthcare Data Centers Hospitality Warehouses and Distribution Centers Homes Multifamily Midrise | Commercial Interiors Retail | Existing Buildings Data Centers Warehouses and Distribution Centers Hospitality Schools | Plan Project |

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INTRODUCING USGBC+ MAGAZINE



plus.usgbc.org

Useful Website

www.usgbc.org

Education Materials

Case Studies

Blogs and Articles

LEED Training and Certification

Reference Guides

Singapore BCA Zero Energy Building



<http://www.bbc.co.uk/news/business-24134984>



NAVY'S ENERGY & SUSTAINABLE
DEMONSTRATION FACILITY
PORT HUENEME, CA
LEED GOLD - NEW CONSTRUCTION

GOVERNMENT LEED® POLICIES AND INITIATIVES

16 FEDERAL AGENCIES
OR DEPARTMENTS

30+ STATES

400+ LOCALITIES



OUR BOLD MISSION

is to create healthy, sustainable
schools for everyone within this generation.

WHERE WE LEARN MATTERS

www.centerforgreenschools.org

**THE CENTER
FOR GREEN SCHOOLS**



3,000

K-12 and higher education projects have been LEED®-certified thanks to the efforts of the **Center for Green Schools at USGBC**, which accelerates the transformation of schools and campuses through conversations with key decision-makers, collaboration with education and environmental associates, and by offering tools and resources.



www.mygreenapple.org
September 27, 2014



1,300

communities held projects for the inaugural **Green Apple Day of Service**, which gives parents, teachers, students, companies and local organizations the opportunity to transform all schools into healthy, safe and productive learning environments through local service projects.



Search The Green Building Information Gateway

ALL



ACTIVITIES



BUILDINGS



PLACES



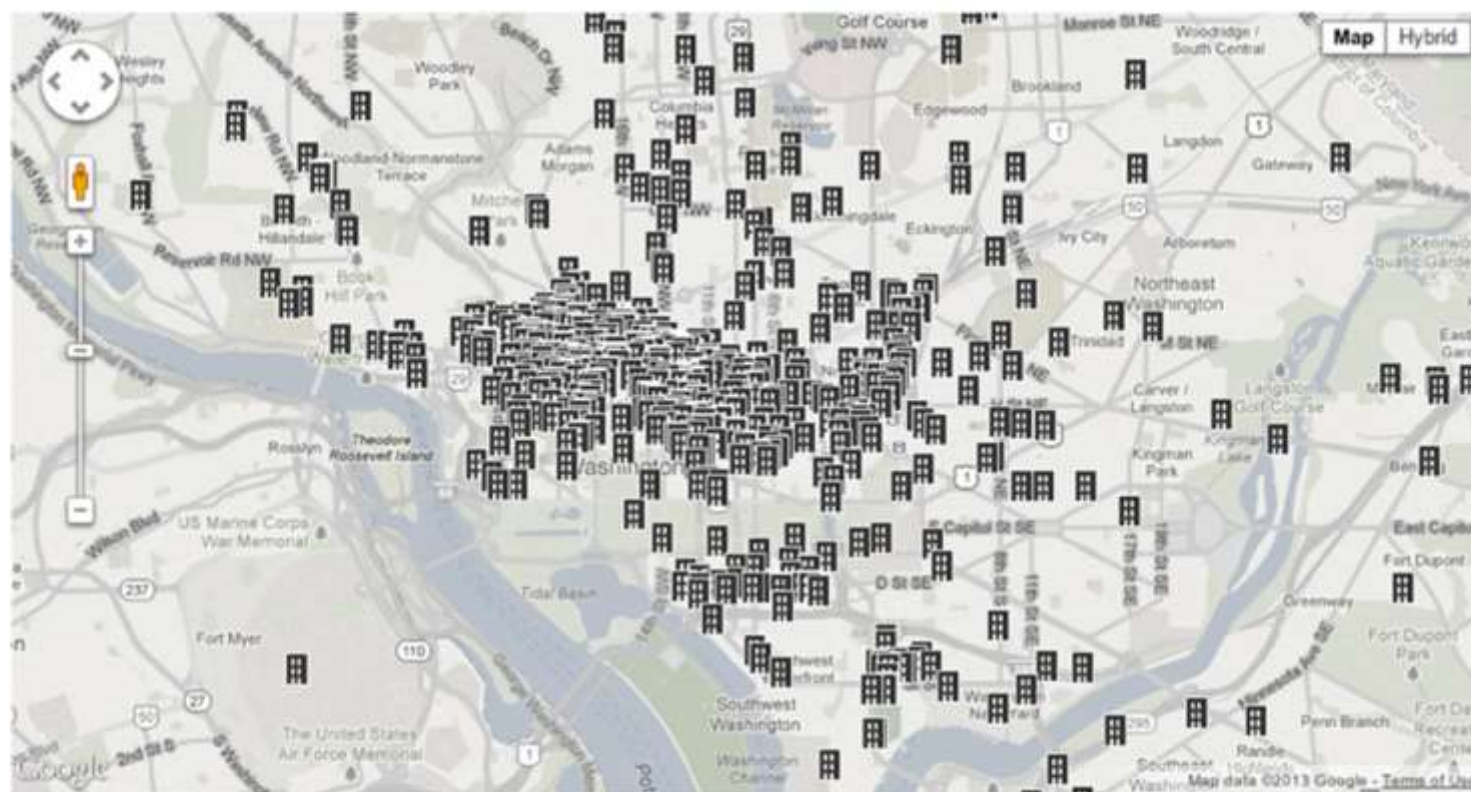
COLLECTIONS

SEARCH 🔍

[More Search Options >](#)

Visit **GBIG**.org

Washington, District of Columbia

[Overview](#)[Activities \(1,679\)](#)[Table](#)[Map](#)

ACTIVITIES
Green Events & Projects

BUILDINGS
Green Structures

PLACES
Cities, States & Countries

STRATEGIES
Processes & Practices

COLLECTIONS
Groups & Project Portfolios

Home » Activities » United States » District of Columbia » Washington

USGBC Headquarters



Overview LEED Dashboard Compare Collections Resources

Save This

CERTIFICATION SUMMARY

LEED for Commercial Interiors (v2009) Platinum on 9/1/2007



94/110

Possible Points

Exceptional

Top 1% of projects in this rating system version

WHY IT'S GREEN

Water

Energy

Site

Materials

Indoor

Environment

ACTIONS

Building systems calibrated and tested to perform to design specs

35% reduction in lighting power density

Purchased green power through 2-yr renewable energy contract

Commitment to monitor and verify ongoing energy consumption

LOCATION



This project is located at:

2101 L Street NW, Washington, DC, US

5 other events at this building

ACTIVITY DETAILS

Activity Type LEED Certification

Owner Type Non-Profit

Space Use Office

Project Size 73,300 sq ft

Project Scope Building interior

The background of the image is a blurred financial market display. It features a grid of data tables at the top with various numerical values in red and blue. Below the tables are several line charts and a candlestick chart. The candlestick chart has a red line and a blue line, with a label '10 percentile' visible. The x-axis of the charts shows months from July to December. The y-axis has numerical values ranging from 200 to 450. The overall theme is financial data and market performance.

GREEN BUILDING = WELL BEING

A photograph of three young girls of South Asian descent smiling and hugging each other outdoors. The girl on the left is wearing a red and white checkered shirt and has a red bow in her hair. The girl in the middle is also wearing a red and white checkered shirt. The girl on the right is wearing a red floral dress and is laughing joyfully. The background is a blurred green landscape.

LEED
ON



And All of Us Working Together.
We Can Achieve a Better World





Resources You Can Use

WWW.USGBC.ORG

WWW.CENTERFORGREENSCHOOLS.ORG

WWW.MYGREENAPPLE.ORG

WWW.BBC.CO.UK/NEWS/BUSINESS-24134984

MGINSBERG@USGBC.ORG