GREEN BUILDING FACTS

Green Building by the Numbers
March 2008


The construction market accounts for 14.2% of the $10 trillion U.S. GDP (Source: 2006 DOE Buildings Energy Data Book).

By 2009, 80% of corporate America is expected to be engaged in green at least 16% of the time, and 20% will be engaged in green 60% of the time (Source: McGraw Hill Construction, Greening of Corporate America SmartMarket Report, 2007).

U.S. Green Building Council:

Membership
• 14,204 member organizations including corporations, governmental agencies, nonprofits and others from throughout the industry.
• 91,000 actively engaged individuals.
• Since 2000, USGBC’s membership has increased ten-fold.

LEED® Green Building Rating System™
• The LEED for New Construction rating system was first released in 2000.
• LEED for Commercial Interiors and Existing Buildings became available in 2004 to address the tenant market and the operations and maintenance of existing buildings.
• LEED for Core & Shell became available in July 2006 for spec developments.
• LEED for Homes was launched in December 2007.
• LEED for Neighborhood Development, Retail and Healthcare are currently in pilot test.
• Nearly 3.2 billion square feet of commercial building space are involved with the LEED Green Building Rating System.
• By 2010, approximately 10% of commercial construction starts are expected to be green, according to McGraw Hill Green Building Smart Market Report 2006.
• Every business day, $464 million worth of construction registers with LEED.
March 2008

<table>
<thead>
<tr>
<th>LEED Registered Projects</th>
<th>New Construction</th>
<th>Commercial Interiors</th>
<th>Existing Buildings</th>
<th>Core &amp; Shell</th>
<th>Neighborhood Development</th>
<th>Schools</th>
<th>Retail</th>
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- There are LEED projects in all 50 states and 41 countries.
- Owners of LEED-registered and certified projects represent a diverse cross-section of the industry.

**Education & Accreditation**

- LEED workshop attendance: 69,920
- LEED Accredited Professionals: 47,836
- Greenbuild Attendees 2007: 22,835
- Greenbuild Attendees 2006: 13,382

**Size and Impact of the U.S. Built Environment**

Construction yields an annual output of U.S. $4.6 trillion, contributing to 8-10% of the global Gross Domestic Product encompassing a workforce of 120 million people and billions of transactions each day. *Source: Asia Construct, Euro Construct and National Statistics, 2006.*

Comprises 14.2% of the $10 trillion U.S. GDP. This includes all commercial, residential, industrial and infrastructure construction. Commercial and residential building construction constitutes 9% of the GDP. *Source: 2006 U.S. DOE Buildings Energy Data Book.*

**Energy consumption**


**Electricity consumption**

Water use:
- Buildings use 12.2% of all potable water, or 15 trillion gallons per year. Source: U.S. Geological Service, 1995 data.

Materials use:

Waste:

Sectors Expected to Have Green Building Growth

- Education 64%
- Government 62%
- Institutional 53%
- Office 49%
- Healthcare 45%
- Hospitality 21%
- Retail 20%


The three largest segments for nonresidential green building construction —office, education and health care—will account for more than 80 percent of total nonresidential green construction in 2008. Source: FMI’s 2008 U.S. Construction Overview.

What’s Driving Green Building

The factors are expediting the growth of green building:
1. Unprecedented level of government initiatives
2. heightened residential demand for green construction
3. Improvements in sustainable materials.
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Source: FMI’s 2008 U.S. Construction Overview.