LEED 2009
ADVANCEMENTS TO THE RATING SYSTEM

LEED ONLINE
FASTER, SMARTER & A BETTER USER EXPERIENCE

CERTIFICATION
SPED, CAPACITY, PERFORMANCE

= LEED V3
LEARNING OBJECTIVES

Upon completion of this presentation, you will understand...

1. **CREDIT PRIORITIZATION**, including the new methodology for weighting points

2. **HARMONIZATION OF RATING SYSTEMS**, including alignment of credits and the new bookshelf system

3. **REGIONALIZATION**, including additional points available for projects in your area

4. **REVISED STRUCTURE OF THE RATING SYSTEM**, including a comparison of previous versions to the new version and an introduction to the streamlined online interface

5. **NEW CREDENTIALING SYSTEM**, including areas of specialization and requirements for maintaining your credential.
HISTORY OF LEED LAUNCHES

NCv1.0 -> NCv2.1 -> NCv2.2

EBv1.0 -> EBv2.0

Clv1.0 -> Clv2.0

CSv1.0 -> CSv2.0

Schools

LEED 2009
LEED 2009
HARMONIZATION WEIGHTINGS REGIONAL CREDITS
HARMONIZATION

CREDIT ALIGNMENT AND HARMONIZATION

LEED'S MOST EFFECTIVE COMMON DENOMINATOR
Rating System

- LEED for New Construction
- LEED for Core & Shell
- LEED for Schools
- LEED for Healthcare*
- LEED for Retail*
- LEED for Commercial Interiors
- LEED for Retail Interiors*
- LEED for Existing Buildings
- LEED for Existing Schools*

Reference Guide

- GREEN BUILDING DESIGN & CONSTRUCTION
  2009 Edition
- GREEN INTERIOR DESIGN & CONSTRUCTION
  2009 Edition
- GREEN BUILDING OPERATIONS & MAINTENANCE
  2009 Edition
WEIGHTINGS

MARTKET

URGENCY
EXAMPLE: SS CREDIT 4.1

6 POINTS

CLIMATE CHANGE
INDOOR ENVIRONMENTAL QUALITY
RESOURCE DEPLETION
HUMAN HEALTH CRITERIA
WATER INTAKE
HUMAN HEALTH-CANCEROUS
ECOTOXICITY
EUTROPHICATION
HABITAT ALTERATION
HUMAN HEALTH-NONCANCEROUS
SMOG FORMATION
OZONE DEPLETION
AGROFICATION
100-POINT SCALE

- 40 Certified
- 50 Silver
- 60 Gold
- 80+ Platinum
## NC 2.2 vs 2009 Point Comparison

<table>
<thead>
<tr>
<th></th>
<th>V2</th>
<th>V3</th>
<th>% of Overall Points Req’d for Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>35</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>14</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>110</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Sustainable Sites: 14 vs 26
- Water Efficiency: 5 vs 10
- Energy & Atmosphere: 17 vs 35
- Materials & Resources: 13 vs 14
- Indoor Env. Quality: 15 vs 15
- Innovation in Design: 5 vs 6
- Regional Priority: 0 vs 4

Total Points Available: 69 vs 110

V2 V3
37% 36%
48% 45%
56% 55%
75% 73%

Certified
Silver
Gold
Platinum
## NC 2.2 vs 2009 Point Comparison

<table>
<thead>
<tr>
<th>V2</th>
<th>V3</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>17</td>
<td>Sustainable Sites</td>
</tr>
<tr>
<td>3</td>
<td>6</td>
<td>Water Efficiency</td>
</tr>
<tr>
<td>7</td>
<td>9</td>
<td>Energy &amp; Atmosphere</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>Materials &amp; Resources</td>
</tr>
<tr>
<td>13</td>
<td>13</td>
<td>Indoor Env. Quality</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>Innovation in Design</td>
</tr>
<tr>
<td>4</td>
<td></td>
<td>Regional Priority</td>
</tr>
<tr>
<td>35</td>
<td>53</td>
<td>Total Points</td>
</tr>
<tr>
<td>69</td>
<td>110</td>
<td>Total Points Available</td>
</tr>
<tr>
<td>51</td>
<td>48</td>
<td>Percentage of Total</td>
</tr>
</tbody>
</table>

**El Paso County Youth Services Center**
REGIONAL PRIORITY CREDIT EXAMPLES

SS Cr6.1: Stormwater Management, Quantity Control
WE Cr1: Water Efficient Landscaping, No Potable Use
WE Cr3: Water Use Reduction, 40%
EA Cr2: On-Site Renewable Energy
EA Cr4: Enhanced Refrigerant Management
MR Cr2: Construction Waste Management, 75%
MR Cr5: Regional Materials, 20%
Performance Achievement Thresholds

Baseline Standards

Prerequisite Changes

**WE Pr1:** Water Use Reduction, 20% is now a prerequisite

**EA Pr2:** Now includes the 10% energy reduction mandate previously required in EA Cr1

Credit Changes

**EQ Cr5:** Indoor Chemical & Pollutant Source Control, walk-off mats must be 10’ long instead of 6’
LEED ONLINE

- NEW user-friendly interface
- RESPONDS to changes in the LEED 2009 rating system
- STREAMLINES reporting between project teams & certification bodies
- IMPROVES efficiency for project management
- DESIGNED to be scalable
- AGGREGATES metrics
<table>
<thead>
<tr>
<th></th>
<th>V2</th>
<th>V3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td></td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

- Integrated project registration and post-certification
- Rating system selection guidance
- Direct project team/review team communication
- Guided application
- Detailed application timeline projection and history
- Project team management
- System-integrated forms
- Ability to work on forms offline
- Paperless application
ENHANCEMENTS

Account Management
Feedback
Project Registration
Individual, Block, and Schema Scenarios
Organization of Projects & Team Members
Integrated Credit Pages
PIF1: Minimum Program Requirements

PIF2: Project Summary

PIF3: Occupant and Usage Data

PIF4: Schedule and Overview Documents

BENEFIT Central collection point
STREAMLINING DATA LINKAGES

Site Area
Building Footprint
Gross Conditioned SF
Occupancy
Material Costs (Div 2-10)

BENEFIT Reduced time, greater accuracy
STREAMLINING CLARITY & SPECIFICITY

Less Narratives, More Precise Language
Context-Based Forms
Licensed Professional Exemptions
Automatic Data Checks

BENEFIT  Decreased documentation burden
LEED CERTIFICATION AND PROFESSIONAL CREDENTIALS

Rating System Development
LEED Online
Support & Education

Building Certification
Professional Accreditation

www.usgbc.org  www.gbcii.org
GREEN BUILDING
CERTIFICATION INSTITUTE

CREDENTIALED PROGRAM
GREEN BUILDING CERTIFICATION INSTITUTE

SPECIALTY CREDENTIAL
LEED v3 ROLLOUT

April 27, 2009

LEED v3 LAUNCH
- Technical enhancements to rating system: LEED 2009
- LEED Online
- New Building Certification Model

December 31, 2009

Last day for FREE upgrades to LEED v3 for existing projects

June 27, 2009

New projects will be required to register for LEED 2009

New reference guides available - electronic and hard copy

January
February
March
April
May
June
July
August
September
October
November
December
PREDICTABILITY
AND CONTINUOUS IMPROVEMENT

You can expect the next version in 2011. From then on, LEED will be updated every two years.
Thank you for your time!

QUESTIONS??

Ryan Moore, LEED AP BD&C
ryan@edi-arch.com
505-242-2851