



Green Building Practices and LEED Green Associate Exam Preparation

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Innovation (IN)

GA02 Excerpt IN Overview. LEED BD+C RG v4 - Pgs. 793-796

GA08 Innovation (IN) - Pgs. 144-146

Regional Priority (RP)

GA02 Excerpt RP Overview. LEED BD+C v4 - Pgs. 805

GA08 Regional Priority (RP) - Pgs. 147

LCCG Section 4. Innovation (IN) and Regional Priority (RP) - Pgs. 82-83

Innovation (IN)

GA02 Excerpt IN Overview. LEED BD+C RG v4 - Pgs. 793-796

Sustainable design strategies and measures are constantly evolving and improving. New technologies are continually introduced to the marketplace, and up-to-date scientific research influences building design strategies.

The purpose of this LEED category is to recognize projects for innovative building features and sustainable building practices and strategies.

Occasionally, a strategy results in building performance that greatly exceeds what is required in an existing LEED credit. Other strategies may not be addressed by any LEED prerequisite or credit but warrant consideration for their sustainability benefits.

In addition, LEED is most effectively implemented as part of a cohesive team, and this category addresses the role of a LEED Accredited Professional in facilitating that process.



Innovation (IN)

Adaptation	NC	CS	S	R	DC	WDC	HOS	HC
Total	6	6	6	6	6	6	6	6
Innovation	5	5	5	5	5	5	5	5
LEED Accredited Professional	1	1	1	1	1	1	1	1

The Innovation (IN) category addresses:

- Innovation
- Pilot Credits
- Exemplary Performance
- LEED AP with Specialty in a Principal Role on the Project Team

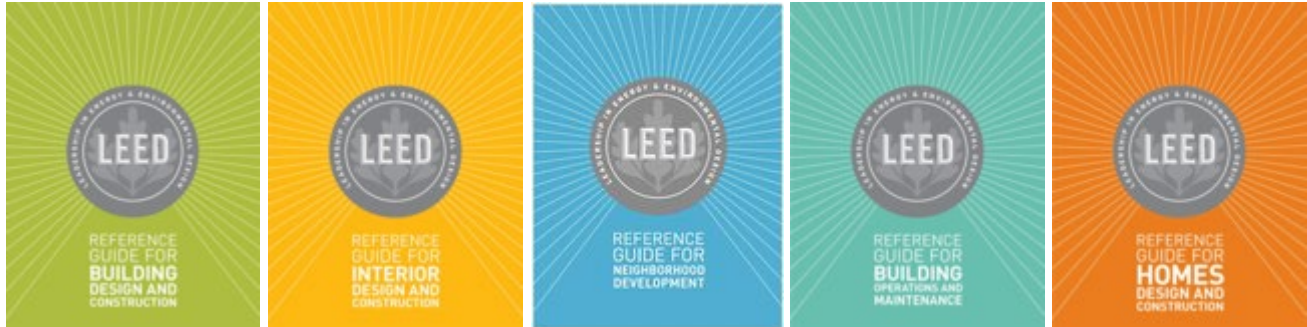
Innovation

Achieve significant, measurable environmental performance using a strategy not addressed in the LEED green building rating system.

EXAMPLES OF INNOVATIVE STRATEGIES INCLUDE:

- Developing a comprehensive green building educational program for members of the community, occupants, residents or other stakeholders.
- Creating, implementing, and maintaining a program for occupants or other stakeholders to divert a significant amount of waste generated from outside sources to appropriate recycling locations.

Points for Innovation can also be earned by achieving selected credits from other LEED rating systems.



Innovation Catalog

<https://www.usgbc.org/innovationcatalog>

Credit Library

Getting Started

Project Information

Minimum program requirements

Pilot Credits

Pilot credit library

Innovation catalog

Sample forms

Reference guide

FILTER INNOVATION STRATEGIES LEED BD+C: New Construction v4.1 - LEED v4.1

- Innovation: Green Advantage certification**
LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers
1 point
- School as a Teaching Tool**
LEED BD+C: New Construction, LEED BD+C: Schools, LEED O+M: Existing Buildings, LEED O+M: Schools Former Schools v3 Credit IDc3 1 point
- Innovation: Parksmart Measures**
LEED BD+C: New Construction, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers, LEED ID+C: Commercial Interiors, LEED ID+C: Retail, LEED ID+C: Hospitality
1 point
- Innovation: Green Building Education**
LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers, LEED ID+C: Commercial Interiors, LEED ID+C: Retail, LEED ID+C: Hospitality
From LI 3115 1 point
- Innovation: WELL Features**
LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers, LEED ID+C: Commercial Interiors, LEED ID+C: Retail, LEED ID+C: Hospitality
WELL Features for Innovation Catalog v4 1 point



Innovation: Green Building Education

Possible 1 point

Language

Resources

Addenda

Forum

All credits ←

Intent

To provide public education focusing on green building strategies and solutions.

Requirements

To take advantage of the educational value of the green building features of a project and to earn a LEED point, any approach should be actively instructional. Two of the following three elements must be included in the educational program:

1. A comprehensive signage program built into the building's spaces to educate the occupants and visitors of the benefits of green buildings. This program may include windows to view energy-saving mechanical equipment or signs to call attention to water-conserving landscape features.
2. The development of a manual, guideline or case study to inform the design of other buildings based on the successes of this project.
3. An educational outreach program or guided tour could be developed to focus on sustainable living, using the project as an example.

Additional guidance

Pilot Credits

USGBC's LEED Pilot Credit Library - <http://www.usgbc.org/pilotcredits>

There are Three Types of Pilot Credits:

1. Open Alternative Compliance Path (ACP) Pilot Credits
2. Open Pilot Credits
3. Closed Pilot Credits

Open ACP pilot credits



Offsite Financial Support for Habitat Protection

LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare
SSpc83 | 1 point



No Cooling Tower

LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers
WEpc94 | 2 points



ETS Control for Projects in Japan

LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers
EQpc97 | 0 point

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Sample forms

[View sample forms](#)



Pilot credit

ETS Control for Projects in Japan

Possible 0 point

Language

Resources

Addenda

Forum

All credits ←

Intent

To prevent or minimize exposure of non-smokers, indoor surfaces and ventilation distribution systems to environmental tobacco smoke.

Requirements

Note: This is a pilot alternative compliance path to [LEED v4 EQ Prerequisite: Environmental tobacco smoke control](#) and is only available to projects in Japan

Projects must meet the following criteria to be eligible to use this pilot ACP:

- Project must be located in a jurisdiction where smoking is banned outdoors, except in designated areas.
- The exterior smoking ban around the project must be enforced.
- All entrances to the project building must be more than 50 meters or 3 minute walk from a designated exterior smoking area.
- Project must be located on a site whose surrounding existing density within a 400-meter radius of the project boundary is equal to or greater than 8,035 m²/ha.

OR

- The project is located in a jurisdiction where the provision of a smoking room is either mandated by ordinance, encouraged by government subsidy/incentive or is a non-regulatory requirement.

and

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Open pilot credits



Ergonomics approach for computer users

LEED BD+C: New Construction, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED ID+C: Commercial Interiors, LEED ID+C: Retail

EQpc44 | 1 point



Bird collision deterrence

LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers

SSpc55 | 1 point



Enhanced acoustical performance - exterior noise control

LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers, LEED Residential BD+C: Multifamily, LEED Residential BD+C: Multifamily Core and Shell Development

EQpc57 | 1 point



Community contaminant prevention - airborne releases

LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers

EAPc66 | 1 point



Clean construction

LEED BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C: Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, LEED BD+C: Warehouses and Distribution Centers, LEED Residential BD+C: Multifamily, LEED Residential BD+C: Multifamily Core and Shell Development

SSpc75 | 1 point



Pilot credit

Clean construction

Possible 1 point

Language

Resources

Addenda

Forum

All credits ←

Intent

This is a **pilot credit**. To use any pilot credit on your LEED project, be sure to [register here](#). Documentation requirements and additional questions are listed below.

To minimize the health and climate impacts to local communities from diesel engine emissions associated with construction activities.

Requirements

Develop and implement a plan to reduce particulate matter (PM) emissions from nonroad and on-road diesel fueled vehicles, construction equipment, and temporary power generation used during construction projects.

The plan should include:

1. Nonroad Diesel Engines

For engines used on the jobsite that are 25 horsepower (HP) and greater, meet at least the equivalent of USEPA Tier 2 PM emission standards and the USEPA Tier 4 PM emission standard (or local equivalent for projects outside the U.S.) as listed in the table below for the specified HP rating and during the specified calendar year. The equipment must meet the requirements listed for the current year the equipment is in use on the job site.

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Sample forms

[View sample forms](#)

Exemplary Performance

Achieve exemplary performance in an existing LEED v4 prerequisite or credit that allows exemplary performance, as specified in the LEED Reference Guide, v4 edition.

An exemplary performance point is typically earned for achieving double the credit requirements or the next incremental percentage threshold.

Exemplary Performance Credits:

IP Credit: Integrative Process

LT Credit: High-Priority Site and Equitable Development

LT Credit: Reduced Parking Footprint

SS Credit: Protect or Restore Habitat

WE Credit: Indoor Water Use Reduction

EA Credit: Optimize Energy Performance

EA Credit: Grid Harmonization

EA Credit: Renewable Energy

MR Credit: Building Product Disclosure and Optimization – Environmental Product Declarations

MR Credit: Building Product Disclosure and Optimization – Sourcing of Raw Materials

MR Credit: Building Product Disclosure and Optimization – Material Ingredients

MR Credit: Construction and Demolition Waste Management

EQ Credit: Low-Emitting Materials

EQ CREDIT: Indoor Air Quality Assessment

EQ Credit: Daylight

EQ Credit: Acoustic Performance

Examples

Next Incremental Percentage Threshold

WE Credit: Indoor Water Use Reduction

Table 1. Points for reducing water use

Percentage Reduction	Points (BD+C)	Points (CS)	Points (Schools, Retail, Hospitality, Healthcare)
25%	1	1	1
30%	2	2	2
35%	3	3	3
40%	4	4	4
45%	5	--	5
50%	6	--	--

Exemplary Performance

Achieve 55% savings.

Double the Credit Requirement

SS Credit: Protect or Restore Habitat

Preserve and protect from all development and construction activity 40% of the greenfield area on the site (if such areas exist).

AND

Option 1. On-Site Restoration

Using native or adapted vegetation, restore 25% (including the building footprint) of all portions of the site identified as previously disturbed. Vegetated roof surfaces may be included if the plants are native or adapted and provide habitat.

Exemplary Performance

Option 1. Double the 25% restoration requirement (restore at least 50%).

Option 2. Double the financial donation requirement (provide at least \$0.40 per square foot or \$4.00 per square meter).

LEED Accredited Professional

LEED® PROFESSIONAL CREDENTIALS



The LEED AP® logos signify a depth of knowledge in green building practices and specialization in a particular field.

Regional Priority (RP)

GA02 Excerpt RP Overview. LEED BD+C v4 - Pgs. 805



Regional Priority (RP)

Adaptation	NC	CS	S	R	DC	WDC	HOS	HC
Total	4	4	4	4	4	4	4	4
Regional Priority	1	1	1	1	1	1	1	1
Regional Priority	1	1	1	1	1	1	1	1
Regional Priority	1	1	1	1	1	1	1	1
Regional Priority	1	1	1	1	1	1	1	1

Regional Priority (RP) - Because some environmental issues are particular to a locale, volunteers from USGBC chapters and the LEED International Roundtable have identified distinct environmental priorities within their areas and the credits that address those issues. These Regional Priority credits encourage project teams to focus on their local environmental priorities. [more...](#)

Regional Priority Credit Lookup

<https://www.usgbc.org/rpc>

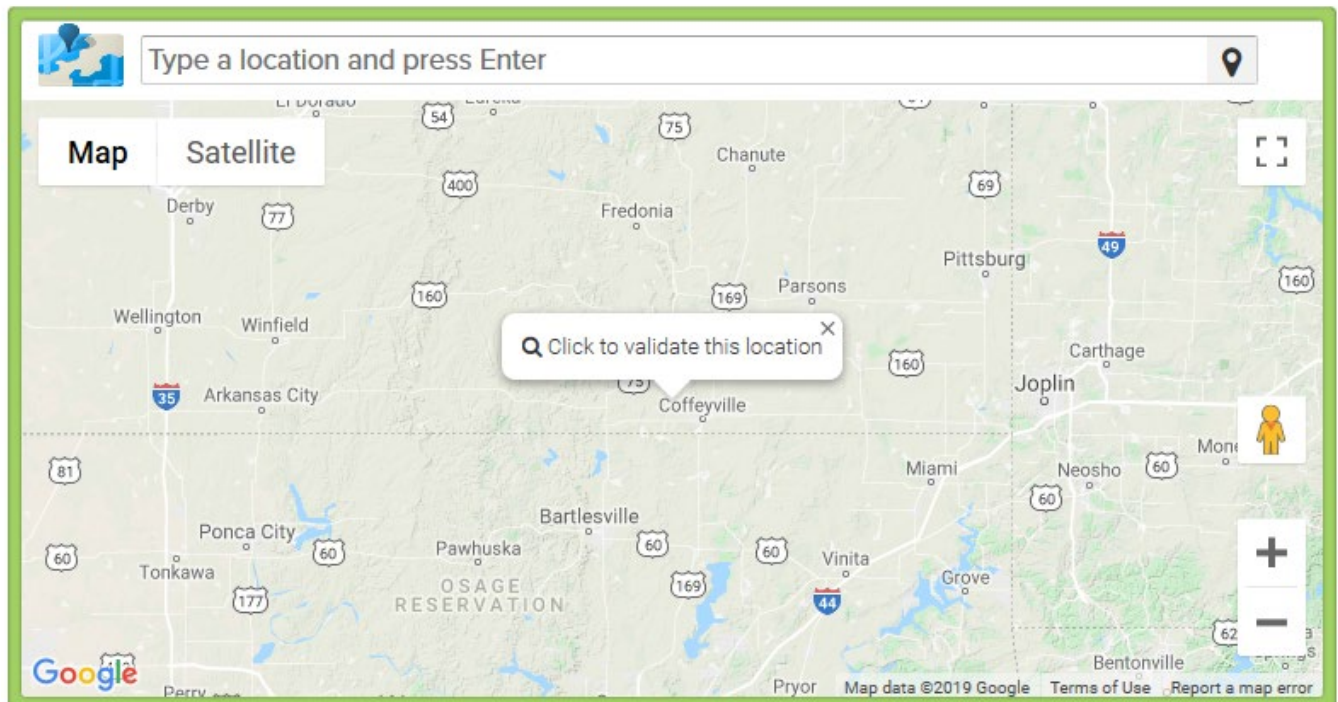
Regional priority credit lookup

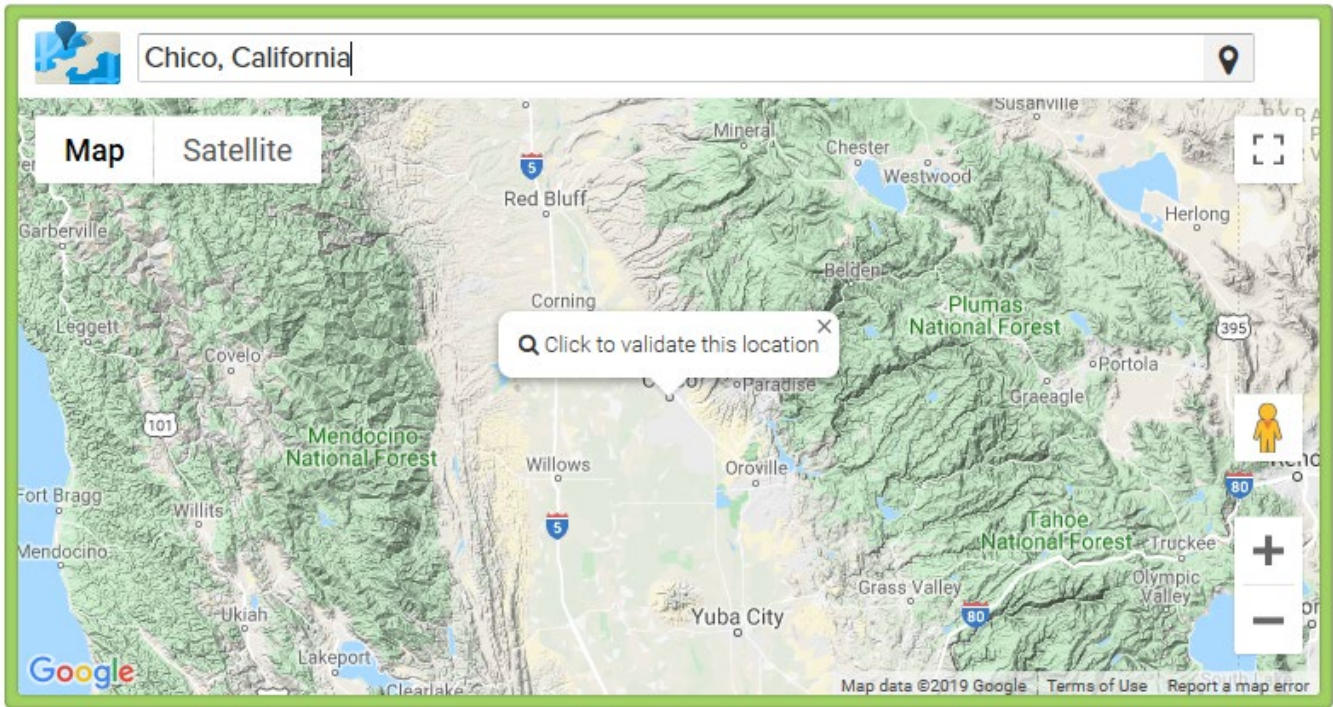
FILTER

LEED BD+C: New Construction ▾

v4.1 ▾

Projects registered prior to **May 8th 2016**, regional priority selections are based on zip code. [Click here](#) to view zip code lookup





Optimize Energy Performance

Up to 18 points



Renewable Energy

Up to 5 points



Reduced Parking Footprint

1 point

Required Point Threshold: 1



Rainwater Management

Up to 3 points

Required Point Threshold: 3



Outdoor Water Use Reduction

Up to 2 points

Required Point Threshold: 2



Indoor Water Use Reduction

Up to 6 points

Required Point Threshold: 4