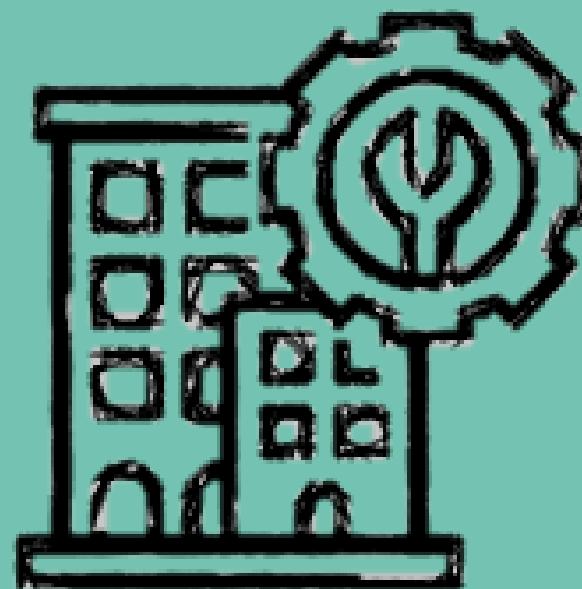


LEED



O+M



LEED

Leadership in Environmental and Energy Design (LEED)

- ✓ The most widely used green building rating system in the world
- ✓ Addresses all current topics:
 - Energy conservation
 - Water conservation and efficiency
 - Carbon dioxide (CO₂) emission reduction
 - Indoor air quality improvement
 - Resource Management and awareness of their impacts
- ✓ Provides third-party certification (GBCI) that a building or community was designed and built using strategies aimed at improving its performance

LEED RATING SYSTEMS

- Building Design and Construction (BD+C)
- Interior Design and Construction (ID+C)
- Operations and Maintenance (O+M)
- Neighborhood Development (ND)
- Cities and Communities

LEED Certification

- ✓ 3 Minimum Program Requirements (MPRs), that must be met for any project to be eligible for LEED certification
- ✓ Number of Credit Categories: 9 for LEED BD+C & O+M, 8 for LEED ID+C, 4 for LEED ND
- ✓ Each Category includes Prerequisites Credits
- ✓ In order for a property to be certified, it must meet ALL the Prerequisites
- ✓ Each Credit gives specific points, the standard in total gives 110 points
- ✓ The certification level of the building is determined based on the total number of points earned according to the table below:
 - Certified min 40 points
 - Silver min 50 points
 - Gold min 60 points
 - Platinum min 80 points



LEED CREDIT CATEGORIES¹

Integrative Process (IP)²

Location and Transportation (LT)

Sustainable Sites (SS)³

Water Efficiency (WE)

Energy & Atmosphere (EA)

Materials and Resources (MR)

Indoor Environmental Quality (IEQ)

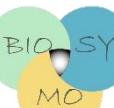
Innovation (IN)

Regional Priority (RP)

1. LEED ND & Cities and Communities are excluded

2. Not applicable to LEED O+M

3. Not applicable to LEED ID+C



LEED BD+C: Commercial

(Building Design and Construction)

Applicable to the design & construction phase of a new building or a building's major renovation.

- ✓ Available for virtually all building types, with minor adjustments to the type of use. These are:

- New Construction/ Major Renovation (includes all building types that do not fall into the following subcategories)
- Core & Shell – refers to buildings that are less than 60% complete
- Retail
- Schools
- Healthcare
- Hospitality
- Warehouses & Distribution Centers
- Data Centers

LEED BD+C: Homes

(Building Design and Construction)

Designed for residential buildings, it concerns the design and construction phase of a new building or a building's major renovation phase.

- ✓ It is divided into:

- Homes and Multifamily Lowrise
- Multifamily Midrise up to 8 floors
- Multifamily buildings of more floors are included in BD+C: New Construction

LEED ND

(Neighborhood Development)

Applicable to the development of a new or existing sustainable neighborhood, that includes residential or non-residential buildings or both.

- ✓ It is subdivided into:



- Design – concerns projects from schematic design to their construction
- Existing projects



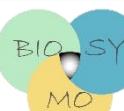
LEED O+M

(Operations and Maintenance)

Focuses on the sustainable operation and maintenance of existing buildings.

- ✓ Applies to:

- Existing buildings (includes all building types that do not fall into the following subcategories)
- Retail
- Warehouses & Distribution Centers
- Hospitality
- Data Centers
- Healthcare
- Schools



Involved Roles in Certification

LEED O+M

1. Project Owner/ Project Manager

- Appoints the rest of the roles
- Decides the level of LEED certification
- Co-defines LEED goals
- Coordinates communication among parties



4. Green Business Certification Inc.

- Third-party certification body
- Certifies the role of LEED AP O+M
- Certifies the project

2. Project Facilities Management Team

- Maintains and implements any changes to the project
- Co-defines LEED goals
- Collects the required certification documents

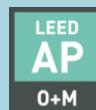
3. LEED Consultant (ideally LEED AP O+M)

- Conducts the building's current performance audit
- Leads the team and defines LEED certification goals
- Conducts inspections during the project
- Gives directions for any corrective actions
- Collects and evaluates the required supporting certification documents and checks the project file

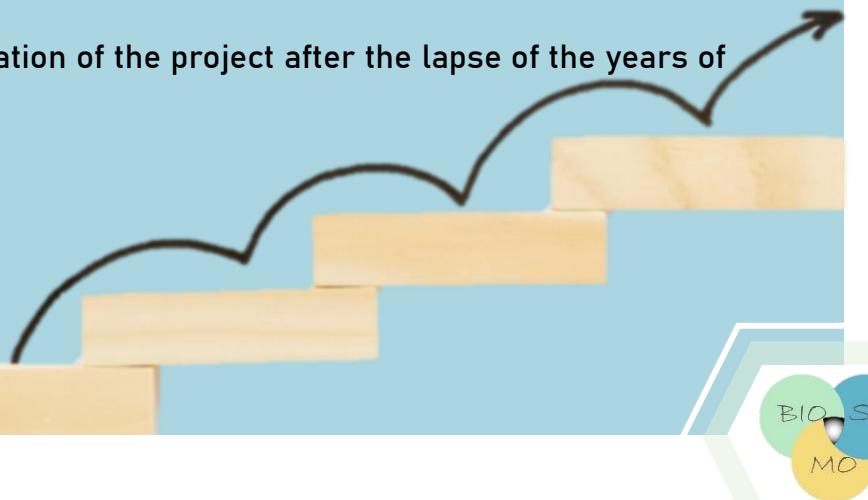
Steps towards LEED O+M Certification

Certification Steps

- ✓ Project definition
- ✓ Collection of project information for assessing the capabilities of the certification
- ✓ Team Formation Including Sustainability Consultant (LEED AP)
- ✓ Goal-Setting Workshop (LEED Charrette)
- ✓ Task Assignment (LEED Action Plan)
- ✓ Project Registration within LEED Platform (LEED Online or Arc)
- ✓ Collection of metrics data during the operation of the project in order to demonstrate compliance with the goals of the standard that have been set
- ✓ Collection of individual data for the fulfillment of the prerequisites and credits of the LEED standard
- ✓ Audits and surveys conduction
- ✓ Project submission for certification
- ✓ Continuous development of the applied techniques and recertification of the project after the lapse of the years of certification
- ✓ Project submission for recertification



Our company provides the required expertise and experience at the certification process, with trained personnel certified as LEED AP O+M.



LEED O+M

Credits Overview

v.4 LEED O+M: Existing Buildings

8 credit categories, 12 prerequisites, 40 credits

Credit Category	Prerequisites	Credits	Points
Location and Transportation (LT)	0	1	15
Sustainable Sites (SS)	1	6	10
Water Efficiency (WE)	2	4	12
Energy & Atmosphere (EA)	4	8	38
Materials and Resources (MR)	2	5	8
Indoor Environmental Quality (IEQ)	3	10	17
Innovation (IN)	0	2	6
Regional Priority (RP)	0	4	4
Total	12	40	110

For more information and support regarding LEED O+M certification, contact our team of experts!