

GBI'S Green Globes and Guiding Principles Compliance

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OBJECTIVES

- Explain the relationship between Green Building Initiative, the Green Globes Rating System, and Guiding Principles Compliance Verification System
- Provide an update on the GBI's work with the federal government
- Describe Green Globes and Guiding Principles Compliance program highlights
- Identify the available user support tools and informational trainings



Green Building Initiative (GBI) is a 501(c)(3) dedicated to accelerating the adoption of building practices that result in resource-efficient, healthier, and environmentally sustainable buildings.

We advance this mission through science-based, credible, and practical green building approaches for more sustainable communities.

Our certification programs exist under two umbrellas:

1. **Green Globes**—a third-party, sustainability and green building certification system that certifies public, commercial, industrial, and multi-family buildings.
2. **Guiding Principles Compliance**—a customized program designed to help federal departments and agencies verify direct compliance with *The Guiding Principles for Sustainable Federal Buildings and Associated Instructions*.

GBI INTRODUCTION



*ANSI/GBI 01-2010:
Green Building Assessment Protocol for
Commercial Buildings*

*Superseded by:
ANSI/GBI 01-2019: Green Building Assessment
Protocol for Commercial Buildings (published 6/11/19)*



2004: Green Globes brought to U.S. market by the Green Building Initiative (GBI)

2005: GBI approved as an ANSI Standards Development Organization (SDO)

2010: First version of GBI Green Globes green building standard is approved by ANSI

2013/4: Federal government recognizes Green Globes for federal projects

2014: GBI launches Guiding Principles Compliance (GPC program)

2016: GBI launches revised GPC program; DoD/UFC-specific component follows (2017)

2017: GBI obtains global rights to Green Globes

2019: GSA certification system review again recognizes Green Globes (March/July)

2019: GBI publishes updated Green Globes ANSI standard (June 11, 2019)

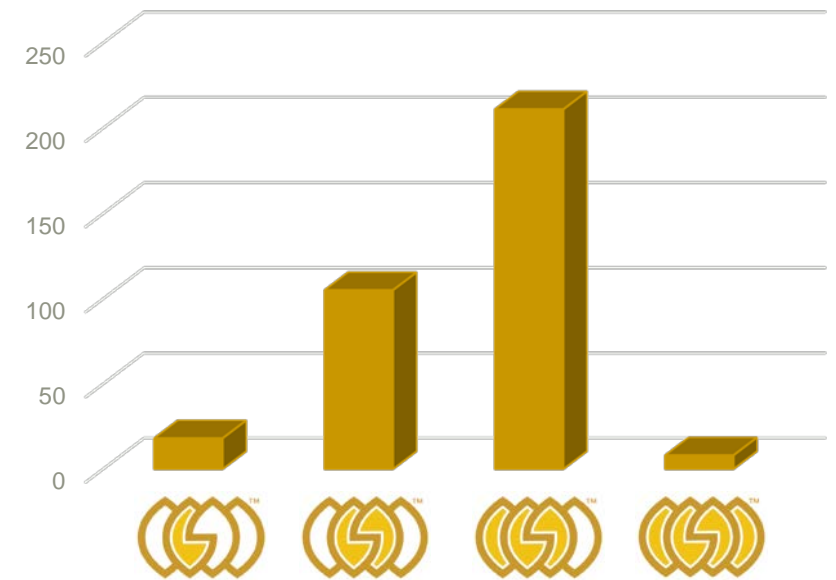
WORK WITH THE FEDERAL GOVERNMENT

613 Federal Building Certifications

- 342 Green Globes certifications
- 271 Guiding Principles Compliance Certifications/Verifications

104 federal government projects currently in process

- 46 Green Globes
- 58 Guiding Principles Compliance
- Undertaking projects with U.S. facilities abroad
- 2 federal projects are currently piloting the Green Globes 2019 standard (Department of Homeland Security; Veterans Administration)
- Departments certified through Green Globes and Guiding Principles Compliance:
 - GSA, DoD (all branches), DHS, State, HHS, VA, Department of Energy, Agriculture, NASA



federal building green globes certification levels

GREEN GLOBES CERTIFIES ALL TYPES OF BUILDINGS

- Office buildings and retail space
- Hospitality: hotels, restaurants
- Entertainment: museums, sports arenas, theaters
- Transportation: airports, rail stations
- Communications facilities
- Energy production facilities
- Multi-family: Apartments, Dorms, Barracks
- Hospitals, Laboratories, Research Centers
- Warehouses
- Aircraft hangars and testing facilities
- Classified facilities
- Historic buildings
- Data Centers
- Industrial facilities
- Incineration and recycling facilities

GREEN GLOBES BASICS



Similarities to market leader

- Four levels of certification
- Based on the same underlying performance and materials standards and criteria. (Can be found in Appendix A of technical manual.)
- Certification choices include new construction (NC), existing building (EB), Core & Shell (CS), and tenant fit-out (SI)
- Certification personnel training program (Green Globes Professional = LEED AP)

GREEN GLOBES RATINGS:

Once an assessment is verified by a third party, properties achieving a score of 35% or more receive a Green Globes rating based on the percentage of total points (up to 1,000) achieved.

85-100% FOUR GREEN GLOBES



Demonstrates national leadership and excellence in the practice of water, energy and environmental efficiency to reduce environmental impacts.

70-84% THREE GREEN GLOBES



Demonstrates leadership in applying the best practices regarding energy, water, and environmental efficiency.

55-69% TWO GREEN GLOBES



Demonstrates excellent progress in achieving reduction of environmental impacts and use of environmental efficiency practices.

35-54% ONE GREEN GLOBES



Demonstrates a commitment to environmental efficiency practices

KEY FEATURES OF GREEN GLOBES

An interactive online evaluation



- Saved responses in the online survey updates the total score
- Online ToolTips are available for many of the criteria

Not-Applicable, “N/As”

- Approved N/As do not count against final score
- Create system flexibility for use by any building type, recognizing individual project goals

No prerequisites

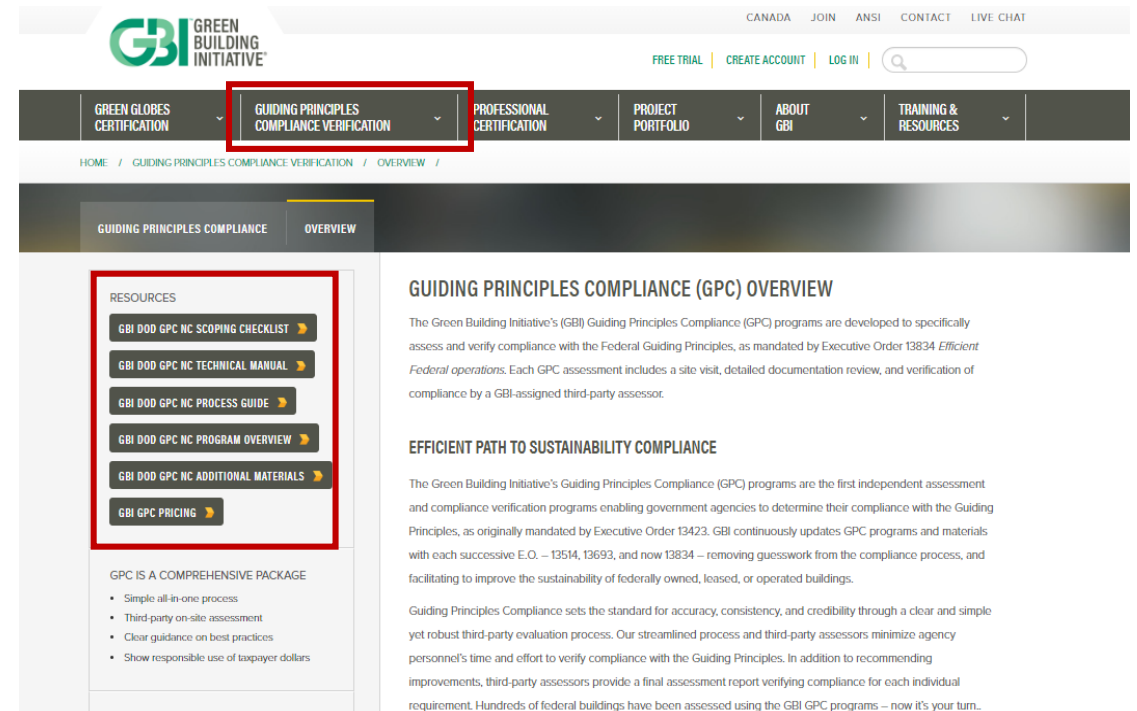


Weighted Criteria

- Survey based upon a maximum 1000-point scale, allows for weighting of criteria
- Minimizes or eliminates costly point-chasing

KEY FEATURES OF GPC

- Simple to use Excel-based survey
- “Not Applicable” provision for justified reasons
- Third-party Design Review Assessment and either Post Construction Document Review or On-Site Assessment
- Detailed reports outlining compliance status and recommendations for Ongoing Requirements
- Numerous free supplemental details including Technical Manual



KEY FEATURES OF GREEN GLOBES & GPC

Green Globes Assessors, High-Touch Customer Service, Team-Based Mentality

- Green Globes Assessors (GGA)/GPC Assessors (GPCA) work with project team from assignment to completion
- GGAs/GPCAs available to answer questions throughout process
- On-Site assessment by a third-party sustainability expert GGA
- A detailed final assessment report
- GBI staff support throughout project (project managers & technical experts)



GPC NC ASSESSMENT PROCESS



GREEN GLOBES NC ASSESSMENT PROCESS



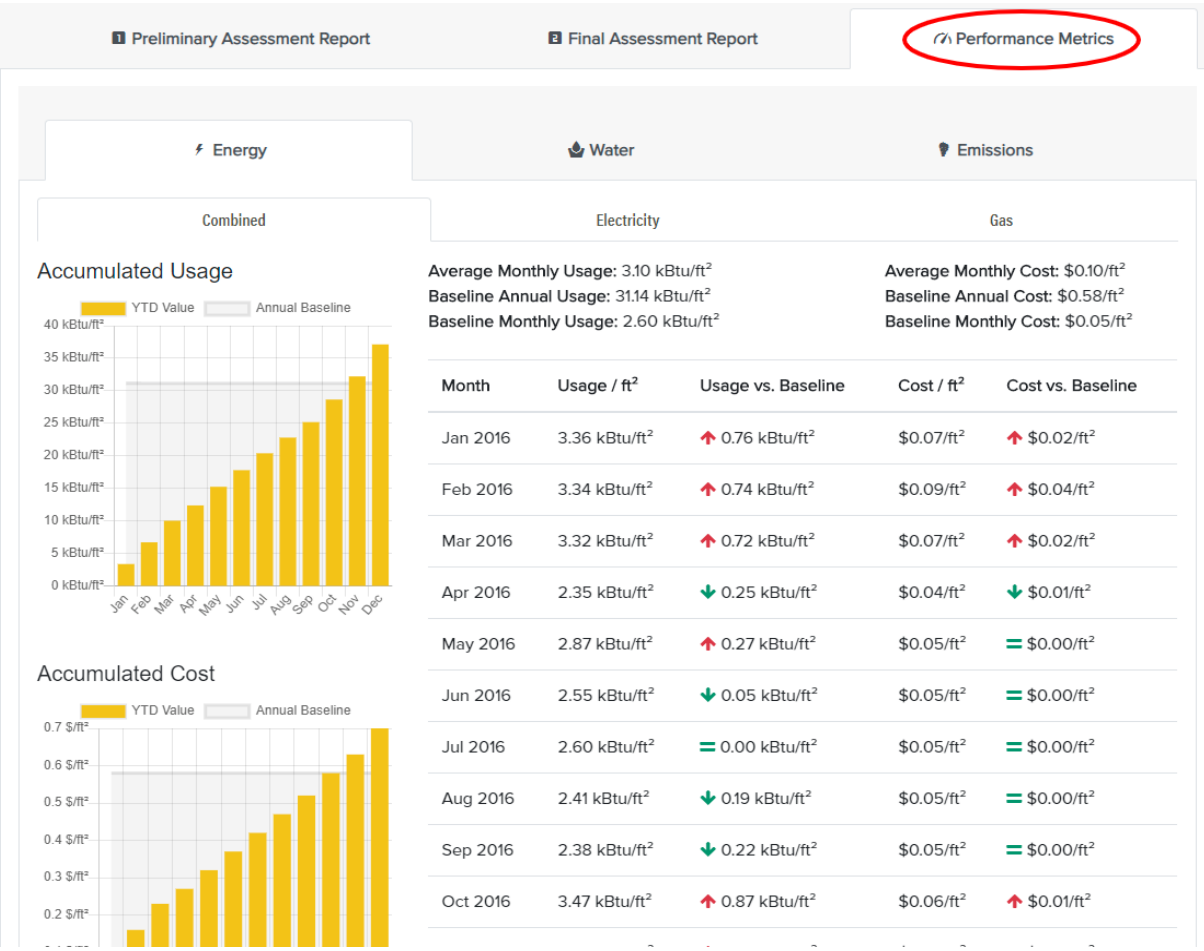
Green Globes Software Update 2019

Updated Features

- Comprehensive explanation of each criterion and guidance for achievement are available for free.
- Users can leave comments and questions for the assessor and upload their supporting documentation.
- The questionnaire can be filtered by unanswered criteria, federal requirements, and criteria status to focus on only certain criteria.
- The questionnaire can be searched by keyword to easily find credits pertaining to certain topics.
- The questionnaire provides total visibility of the point claimed for each criterion, the points awarded by the assessor, and the verification status.
- Built-in reports provide a summary of each assessment, including a scoring breakdown, explanation of changes made by the assessor, a list of items pending verification, and assessor recommendations for improvement.
- Users can track 12 months of energy, water, waste, and emissions data for each project and generate usage and cost reports. The data can be input manually or imported from ENERGY STAR.
- Comparison Reports allow users to create side-by-side comparisons of the Green Globes and performance data for projects within their portfolio or across multiple portfolios.

Green Globes Software Update

Performance Data Reporting Additional Information Pop-Up



GREEN GLOBES

WELCOME JENNA MIDDAUGH! [LC](#)

89% Client Score | 98% Progress

Additional Information

Technical Reference Manual

Tooltip

Prescribed values of light per unit of area, given in lumens/square foot or, in the case of parking lots, lumens/parking site. The values are found in Tables A and B of the IDA - IES Model Lighting Ordinance (MLO). Information for the basis of lighting design must be provided during assessment.

Assessment Guidance

During Stage 1 or 2 review, the lighting designer shall provide a narrative that will describe which lighting zone the property falls under and calculations showing compliance to Table A and Table B.

References

- IDA - IES Model Lighting Ordinance (MLO), Tables A and B

Scoring Matrix

Response	Score	Max Points
Yes	1.5	1.5
No	0	1.5

GREEN GLOBES #3.2.5.1

Is there a requirement that the exterior lighting will not exceed prescribed values for the amount of light per unit of area?

Yes (1.5 points) | No (0 points)



GREEN GLOBES ASSESSMENT AREAS

Environmental Assessment Areas		
SI	NC	EB
Project Management	Project Management	N/A
N/A	Site	N/A (Included within Resources)
Energy	Energy	Energy
Water	Water	Water
Materials & Resources	Materials & Resources	Resources
Emissions	Emissions	Emissions, Effluents & Pollution Controls
Indoor Environment	Indoor Environment	Indoor Environment
N/A	N/A	Environmental Management

TRAINING AND EDUCATION

Professional and Project Training

- GBI offers self-paced, online GGP/GPCP training and certification
- In-person GPCP training planned for June 2020 in Virginia Beach, VA
- Staff provide presentations to federal teams. i.e. SAME conferences, Energy Exchange annual meeting
- Exclusive Federal team webinars: September 18 (1p eastern) for Green Globes/GPC basic webinar training; December 3 (1pm eastern) webinar on changes/updates in Green Globes 2019.
 - Topic: **Introduction to GBI's Green Globes and GPC Webinar** When: Sep 18, 2019 01:00 PM Eastern Time (US and Canada) <https://zoom.us/webinar/register/a9336d2f7f2b09328c34be5db4a05ad8>
 - Topic: **Updates to Green Globes programs** When: December 3, 2019, 01:00 PM Eastern Time (US and Canada) join from a PC, Mac, iPad, iPhone or Android device: Please click this URL to join. <https://zoom.us/s/754474822> or join by phone: Dial US: +1 669 900 6833 or +1 929 436 2866; Webinar ID: 754 474 822

USER RESOURCES

CANADA JOIN ANSI CONTACT LIVE CHAT

WELCOME MEGAN BAKER!

[MY ACCOUNT](#) ▾

[MY ORDER](#)

GLOBAL INFORMATION PROJECT PORTFOLIO ABOUT GBI **TRAINING & RESOURCES**

- PROFESSIONAL CERTIFICATION
- CREDITED COURSES
- USER RESOURCES**
- GREEN RESOURCE LIBRARY

Downloads

Webinars

TOPIC

- Green Building Initiative (General)**
- Green Globes (General)
- Green Globes NC
- Green Globes EB
- Green Globes SI
- Guiding Principles Compliance (General)
- Guiding Principles Compliance NC
- Guiding Principles Compliance EB

Green Globes for Corporate Portfolio Managers

DOWNLOADS

WEBINARS

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USER RESOURCES

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- Guiding Principles Compliance NC
- Guiding Principles Compliance EB

Green Building Initiative Cancellation Policy

Green Building Initiative
GREEN BUILDING INITIATIVE

Clients who order and subsequently cancel services ordered from GBI are subject to the following cancellation policy. All cancellation requests must be made in writing to GBI by email or mail.

DOWNLOAD

GBI Discrepancy Resolution & Appeal Guidelines

This document outlines the procedures for requesting a discrepancy review or appeal of a Green Globes or Guiding Principles Compliance certification report.

DOWNLOAD

GBI W-9 Form

This document is the IRS Form W-9 (Request for Taxpayer Identification Number and Certification) for the Green Building Initiative. The form was signed by GBI Controller, Julia Fleming on 01/16/18.

DOWNLOAD

GREEN GLOBES BUILDING CERTIFICATION

Water Consumption Calculator

Green Globes Flexibility Features

Comparison of Green Globes & LEED



THANK YOU!



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