



**GREEN
BUILDING
INITIATIVE™**

A Better Way to Build



Who is GBI?

- A 501(c)(3) non-profit
- Headquartered in Portland, OR
- Formed in 2004
- Membership based organization
- Acquired US License to Green Globes Software in 2005
 - used in Canada since 1996

Commercial Program



What is Green Globes?



North America's
first interactive design
guidance, environmental
assessment and rating
tool

Green Globes Offerings

- 1. Green Globes for New Construction** guides the Integrated Design Process at each stage of project delivery.
- 2. Green Globes for Continual Improvement** establishes the baseline, gives a current performance report, guides improvement.



Green Globes™ System

It's like having a 24-hour sustainability design consultant online.

The Green Globes™ system is a revolutionary green management tool that includes an assessment protocol, rating system and guide for integrating environmentally friendly design into commercial buildings. Once complete, it also facilitates recognition of the project through third-party verification. It's an interactive, flexible and affordable approach to environmental design.

Green Globes
Existing Buildings Pilot



Who uses Green Globes?

- Architects
- Engineers:
 - Electrical
 - Mechanical
 - Civil
 - HVAC
- Landscape designer
- Contractors
- Clients



Rating System Report

University of Minnesota recently completed a comparison study of Green Globes and LEED. Among their findings:

- More similarities than differences
- 80-85% point overlap between GG and LEED
- GG places greater emphasis on energy use and better integrates LCA



LCA Pioneer

- First green organization to complete a practical Life Cycle Assessment tool that will be integrated into Green Globes
 - Created in partnership with Athena Institute, University of Minnesota and Morrison Hershfield
- Authorized the free distribution of a generic version of the tool to the larger green building community

Other Recognitions

- **Recognized by United States Department of the Interior and Department of Health and Human Services for use on all of the new construction/renovation projects**
 - Implemented in response to last year's Memorandum of Understanding
- **Recognized in Fireman's Fund green insurance policy**
 - Policy holders can recognize annual insurance savings if they have a Green Globes rated building



Fireman's Fund[®]
Insurance Company



GBI ANSI Committee (30 Members)



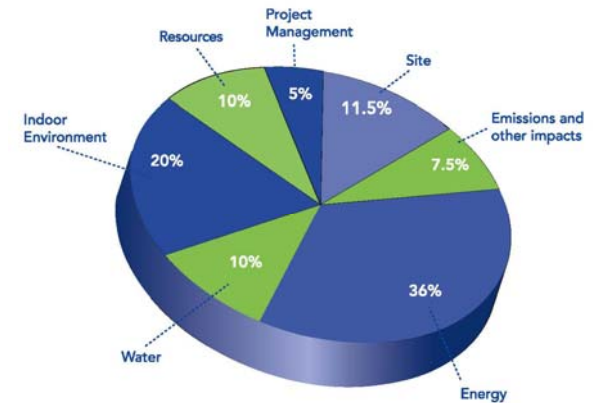
INITIATIVE



Green Globes for New Construction

Seven Areas of Assessment

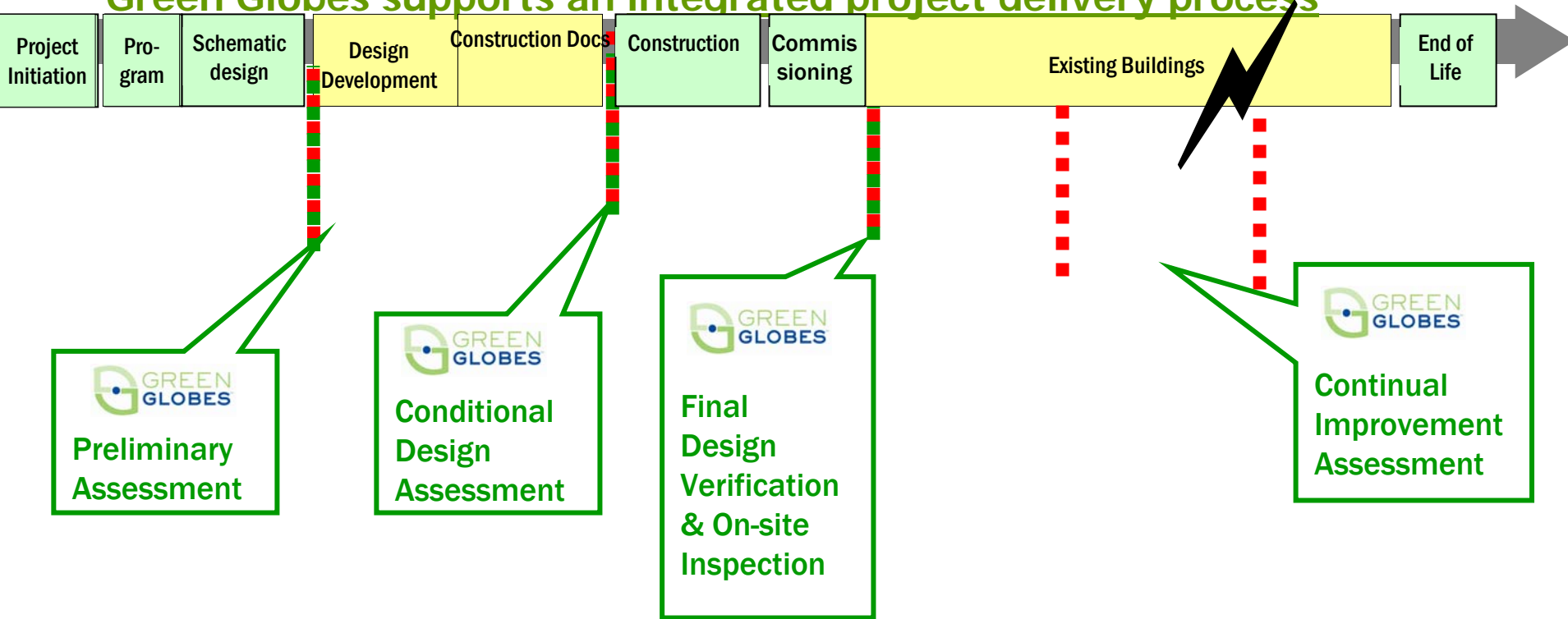
1. Project Management
2. Site
3. Energy
4. Water
5. Resources
6. Emissions and Other Impacts
7. Indoor Environment



1,000 Points Available

Integrated Project Delivery and Operation





Green Globes supports an integrated project delivery process



Verified Rating



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 1000) achieved.

85-100%		Reserved for select building designs which serve as national or world leaders in energy and environmental performance. The project introduces design practices that can be adopted and implemented by others.
70-84%		Demonstrates leadership in energy and environmental design practices and a commitment to continuous improvement and industry leadership.
55-69%		Demonstrates excellent progress in achieving eco-efficiency results through current best practices in energy and environmental design.
35-54%		Demonstrates movement beyond awareness and commitment to sound energy and environmental design practices by demonstrating good progress in reducing environmental impacts.



Green Globes for Continual Improvement of Existing Buildings

Intro: Building Management Issues

The drivers

1. Demand of shareholders
2. Energy and environmental pressures
3. Outsourcing the management of assets

Good stewardship

Greater accountability

Reduced energy consumption

Greater cost-effectiveness

Benchmarking: What gets measured, gets done

Green Globes: Energy & Environmental Assessment

The screenshot shows the Green Globes website with a navigation bar (Home, Criteria, Building Owners, Building Managers, Forum) and a main content area. The main content includes a description of the program, a link to BOMA Earth Awards, a registration/login link, and a section for assessing buildings (Office Building, Multi-Residential). Logos for various partners like SCHLERKE, ENBRIDGE, and Ontario are visible at the bottom.

Home Criteria Building Owners Building Managers Forum

Green Globes

Environmental Assessment of Buildings

What it is

Slide Show
Turning environmental investment into market advantage

FAQs

Screen Shots

Privacy

Terms of Use

Contact

[Click here for BOMA Earth Awards](#)

An online audit for building owners and managers to measure energy, indoor health and environmental performance against best practice standards. Using a confidential questionnaire, the program generates a comprehensive online report.

[To Register / Login click here.](#)

Assess your building

Office Building

Multi-Residential

There is a fee for the assessment which helps pay for site maintenance and development.

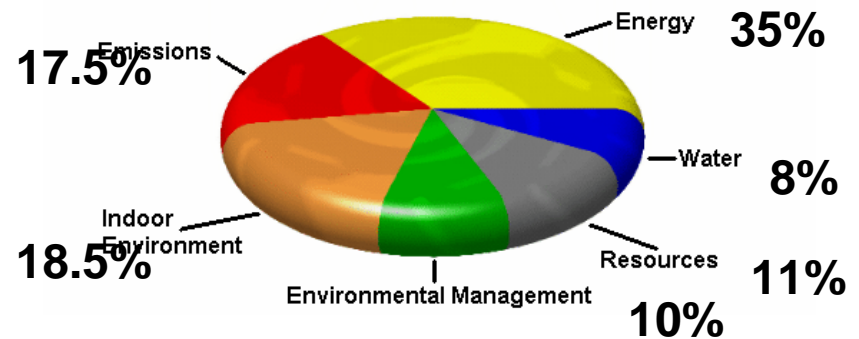
SCHLERKE
Casatelli
ENBRIDGE
Consumers Gas
Ontario
ONTARIO POWER
GENERATION

Green Globes for Continual Improvement:

Compatible with ISO 14000 and BOMA Earth Awards, provides energy and environmental performance evaluation and rating.

Six Areas of Assessment

1. Energy
2. Water
3. Resources
4. Emissions, Effluents & Other Impacts
5. Indoor Environment
6. Environmental Management



Continual Improvement of Existing Buildings

- **Assess and benchmark building performance**
- **Develop comprehensive action plan for improvement**
- **Evaluate and compare multiple buildings within a portfolio**
- **Foster increased environmental consciousness while training operational staff**
- **Improve tenant relations by demonstrating commitment to the environment and tenant health and comfort**



Database of State Incentives for Renewable Energy

- Database of state green building incentives
- Searchable by state
- Residential and commercial
- Available on www.thegbi.org

Contact Us

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