



SUSTAINABLE BUILDING SYSTEMS

MAJOR GREEN BUILDING SYSTEMS

UNITED STATES GREEN BUILDING COUNCIL (USGBC)

The first non-profit organization dedicated to sustainable building and design and providing a codified system for creating sustainable design.



LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN (LEED)

A codified system consisting of several modules using a point system to environmentally rate buildings and their interiors.



LEED FOR COMMERCIAL INTERIORS

Point system module that rates an interior finish product based on criteria such as IAQ, recycled content, etc.

GREEN BUILDING INITIATIVE (GBI)

Their stated mission is to accelerate the adoption of building practices that result in environmentally sustainable buildings by using a more “equitable” rating system.



GREEN GLOBES

Web-based program for green building guidance and certification that includes an on-site assessment by a third party for certification. Interactive and flexible as it offers modular system.



3 MODULES:

Continual Improvement
New Construction
CIEB for Healthcare



SUSTAINABLE RATING CODES & STANDARDS

ANSI (AMERICAN NATIONAL STANDARDS INSTITUTE)

The first non-profit organization dedicated to sustainable building and design and providing a codified system for creating sustainable design.

NSF INTERNATIONAL

Certifies products and writes standards for manufactured goods, food & water.



NSF/ANSI 336 SUSTAINABILITY ASSESSMENT FOR COMMERCIAL FURNISHINGS & FABRIC

Addresses environmental, economic and social aspects of fabric products, including woven, non-woven, bonded and knitted fabrics used for upholstery.

IGCC (INTERNATIONAL GREEN CONSTRUCTION CODE)

Established to provide guidelines in the construction of sustainable buildings.

UL ENVIRONMENTS

Established to advance health, sustainability and environmental safety by supporting growth and development of environmentally-preferable products, services, and organizations. Maintains database of products tested and approved by them.



SUSTAINABLE COALITIONS, COUNCILS, ORGANIZATIONS & EDUCATION

AHPBC (THE AMERICAN HIGH PERFORMANCE BUILDINGS COALITION)

Supports green building codes, standards, rating systems and credits in systems they deem are transparent, data-driven, supported by science and performance.

UNITED STATES GREEN BUILDING COUNCIL (USGBC)

Creator of LEED systems. One of the first Councils on sustainability. Hosts GreenBuild tradeshow each year.



GREEN BUILDING ALLIANCE

Regional groups that form to promote environmental design. First USGBC affiliates.

ISO (INTERNATIONAL STANDARDS ORGANIZATION)

Provides criteria and management system for environmental manufacturing processes (ISO 14000).

ENVIRONMENTAL DESIGN & CONSTRUCTION MAJOR

Our future clients! Students currently attending educational institutions who take environmental design and construction as their major.



SUSTAINABLE SYSTEMS: HEALTHCARE ONLY

CENTER FOR HEALTH DESIGN (CHD)

Mission is to create global equality in healthcare design and promote only sustainable initiatives that are created or vetted via evidence based design.



EVIDENCE-BASED DESIGN ACCREDITATION AND CERTIFICATION (EDAC)

Certification created for healthcare design professionals by the CHD.



UNITED STATES GREEN BUILDING COUNCIL (USGBC)



LEED FOR HEALTHCARE

Module of criteria for environmental healthcare design.

HEALTH PRODUCT DECLARATION COLLABORATIVE

Manages HPD; Collaborative formed by committee of building product manufacturers and healthcare experts.



HEALTH PRODUCT DECLARATION (HPD)

System standardizes the way manufacturers report contents and health effects of their products.



GREENGLOBES



GREEN GLOBES CIEB (CONTINUAL IMPROVEMENT OF EXISTING BUILDINGS HC)

Flexible and more affordable alternative to LEED, providing healthcare facilities with on site assessment by a 3rd party.



SUSTAINABLE RATING CODES & STANDARDS – EUROPE ONLY

REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICAL SUBSTANCES (REACH)

Regulation places greater responsibility on industry to manage the risks from chemicals and to provide safety information on the substances.



EUROPEAN CHEMICAL AGENCY (ECHA)

Central point in the REACH system: manages databases to operate the system, coordinates evaluation of chemicals and is building public database of their hazard information.

WORLD GREEN BUILDING COUNCIL

Offshoot of USGBC for global environmental leaders concerning the built environment.

CEE GREEN BUILDING PROFESSIONALS ASSOCIATION

Central & Eastern European a&d collaborative created to accelerate environmental design in this region.

EUROPEAN COMMISSION

Sets an example by reducing the environmental impact of its own activities through EMAS.



EU ENVIRONMENTAL MANAGEMENT & ASSESSMENT SYSTEM (EMAS)

Tool to improve use of natural resources, reduction of CO2 emissions, recycling and sustainable performance .



ECOLABEL

Identifies products with reduced environmental impact throughout their life cycle.