

Standard	Definition Related to LEED
EPA Construction General Permit (CGP)	Storm water managementoutlines (NPDES) National Pollutant Discharge Elimination System
Phase 1 Environmental Site Assessment (ASTM E1527-05)	determines if environmental contamination exists at a project site
Phase II Environment a Site Assessment (ASTM E1903-97, 2002)	must be conducted if Phase I Environmental Site Assessment determines possible contamination
U.S. Department of Agriculture in the U.S. Code of Federal Regulations	defines prime farmland
Federal Emergency Management Agency (FEMA)	defines flood hazard areas
U.S. Army Corps of Engineers' Wetlands Delineation Manual	defines wetlands
Green score of 45 by (ACEEE) American Council for an Energy Efficient Economy	defines low emitting and fuel efficient vehicles
Institute of Transportation Engineers (ITE)	defines parking capacity
ASHRAE Standard 90.1 OR ANSI/ASHRAE/IESNA Standard 90.1	defines lighting power densities, lighting zones (indoor and outdoor) Guideline on energy efficiency and used to conduct energy simulations
EPA Act of 1992	regulates water usage (1.6 gpf toilet, 1.0 gpf for urinal, etc.)
EPA WaterSense	indicates water efficient fixture
Montreal Protocol	banned the production of chlorofluorocarbon (CFC) refrigerants in 1995 and is phasing out hydrochlorofluorocarbon (HCFC) refrigerants
EPA's Clean Air Act	imposed regulations on refrigerants
U.S. Department of Energy's Commercial Buildings Energy Consumption Survey (CBECS)	can be used to estimate energy use and costs
Green-e Electricity	electricity from a renewable sourcecertifies renewable energy certificates (RECs)
Green-e Climate	certified carbon offsets
International Organization for Standardization (ISO)	determines recycled content
ASHRAE Standard 62.1	determines indoor air quality defines operable window requirements
Blower Door Test	tests building air leakage of residential unitsfollow RESNET or ASTM standard
ANSI Standard S12.60	acoustical standards
Chartered Institution of Building Service Engineers Applications (CIBSE)	natural ventilation guidelines



Sheet Metal and Air Conditioning National Contractors Association (SMACNA)	regulates indoor air quality during construction
ASHRAE Standard 52.2	sets standard for testing air filters (MERV)
California Department of Public Health (CDPH)	VOC testing requirements (LEED for Schools only)
California Air Resources Board (CARB) 2007	regulates VOC content for on-site wet applied products (paint, sealer, etc.) regulates composite wood formaldehyde emissions
South Coast Air Quality Management District (SCAQMD) Rule 1113	also regulates VOC content for on-site wet applied products (paint, sealer, etc.)
South Coast Air Quality Management District (SCAQMD) Rule 1168	regulates VOC content for: adhesives and sealants
Green Seal	certifies lead- and cadmium-free paints
ANSI/BIFMA M7.1-2011	standard to verify indoor air contaminants for furniture
ASHRAE Standard 55	defines factors for thermal comfort
ENERGY STAR Portfolio Manager	online management tool that supports tracking and assessment of energy and water consumption
Sustainable Agriculture Standard	applies to nonwood forest products and bamboo
Forest Stewardship Council (FSC)	certifies sustainably harvested wood
Term	Definition Related to LEED
LEED credit categories (all systems except LEED for Neighborhood Development)	1) Location and Transportation 2) Sustainable Sites 3) Water Efficiency 4) Energy and Atmosphere 5) Materials and Resources 6) Indoor Environmental Quality
LEED for Neighborhood Development categories	1) Smart Location and Linkage 2) Neighborhood Pattern and Design 3) Green Infrastructure and Buildings
Levels of LEED certification	40 points - LEED Certified 50 points - LEED Silver 60 points - LEED Gold 80 points - LEED Platinum

2 of 4



LEED Impact Categories	1) Climate Change
(in order of weighting)	2) Human Health
(in order of weighting)	3) Water Resources
	4) Biodiversity
	5) Material (Natural) Resources
	6) Greener Economy
	7) Community
LEED Association Factors	1) Relative Efficacy
	2) Duration
	3) Control
Minimum Program Requirements (MPRs)	minimum characteristics or conditions that make a project
	appropriate to pursue LEED certification:
	1) Must be in a permanent location on existing land
	2) Must use reasonable LEED boundaries
	3) Must comply with project size requirements
Scorecard Rules	1) 100 base points – the base LEED Rating System is a 100 point system.
	2) 1 point minimum - All credits in the rating system are worth at least one point.
	3) Whole points - Rounding conventions are used to ensure that fractional credit values are rounded
	to the nearest whole point.
Triple Bottom Line	1) People (social capital)
Triple Bottom Line	2) Planet (natural capital)
	3) Profit (economic capital)
Building Commissioning	ensures that systems are designed efficiently, are installed
	appropriately, and operate as intended
Net Zero	net-zero energy projects use no more energy from the grid than they generate on site
Systems thinking	the built environment is understood as a series of relationships in which each part affects many other
	parts
Life-cycle approach	looking at all stages of a project, product, or service
Integrative processes	emphasizes connections and communication among professionals and stakeholders throughout the
	life of a project
The Prius Effect	Delivering real-time energy information in a convenient way by installing meters where operators can
	act on the information and make changes to use energy more efficiently
Natural Capitalism	capital markets can be used for—rather than against—sustainability, not by eliminating them or
ινατωι αι Φαριταιίδιτι	adding intensive regulation, but by using leverage points within the system
	adding intensive regulation, but by using leverage points within the system
Charrette	charrettes are intense workshops designed to produce specific deliverables
Volatile organic compounds (VOCs)	organic chemicals given off at room temperature that pollute the air
	i



Brownfield sites	land where development may be complicated by the presence or potential presence of hazardous substances, pollutants, or contaminants
Heat island effect	increase in air temperature in a developed area compared with an undeveloped area
Solar reflectivity index (SRI)	combines reflectivity with emissivity high SRI values reduce heat gainthe higher the better
Emissivity	ability of a material to emit energy through radiation scale is from 0-1.0the lower the better
Albedo	reflection coefficient- Albedo is measured on a scale from zero (for no reflection of a perfectly black surface) to 1 (for perfect reflection of a white surface)the lower the better
Commercial Building Energy End Use (top 3)	1) Space Heating - 36% of total energy consumed2) Lighting - 21% of total energy consumed3) Cooling - 8% of total energy consumed
Impervious surfaces	(ex. asphalt and concrete)- prevent percolation and infiltration and encourage water runoff, causing soil erosion and in some places sedimentation of local waterways
Low-impact development (LID) and	approaches to land management that mimic natural
Green Infrastructure (GI) Xeriscaping	systems and manage rainwater as close to the source as possible the use of drought-tolerant native or adapted plants along with rocks, bark mulch, and other landscape elements
Demand response (DR)	encourage electricity customers to reduce their usage during peak demand times
Renewable energy certificates (RECs)	tradable, nontangible commodity associated with the qualities of renewable electricity generation
Environmental Product Declarations (EPDs)	product transparency tool providing environmental impact of product
Thermal comfort	includes temperature, humidity, and air movement
Minimum efficiency reporting value (MERV)	scale to rate the effectiveness of air filters
Credit Interpretation Ruling (CIR)	ruling process is designed to allow Project Teams to obtain technical and administrative guidancenon-precedent-setting (ruling can't be applied to other projects)
LEED Interpretations	official answers to technical inquiries about implementing LEED on a projectprecedent-setting (ruling can be applied to other projects)
Green Rater	individual who is working for a LEED Homes provider and performs on-site inspections and testing for the LEED Homes Rating System
Development footprint	the area affected by development or by project site activity. Hardscape, access roads, parking lots, nonbuilding facilities, and the building itself are all included in the development footprint.
Full-time equivalency (FTE)	FTE employees are determined by adding full-time employees and part-time employees, adjusted for their hours of work
Natural ventilation or passive ventilation	providing ventilation by thermal, wind, or diffusion effects through doors, windows, or other intentional openings in the building