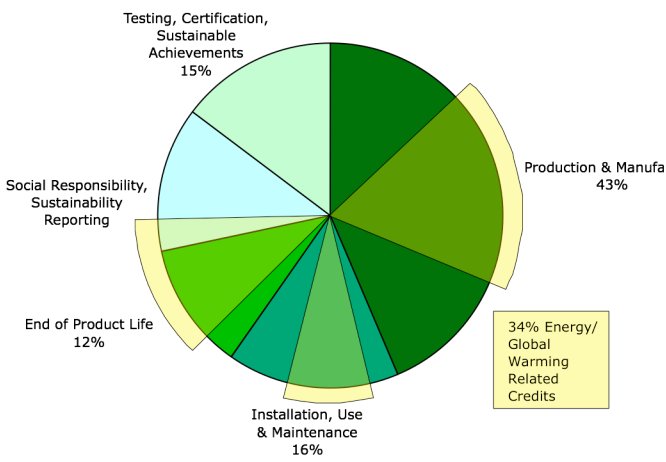




Green Building Pages, Inc. is a sustainable design and decision-making web database tool for environmentally and socially responsible building industry professionals and consumers. Since 2003, its mission has been to create a clear, concise, public format for communicating comprehensive, current, and transparent information to enable users to make informed decisions in choosing building materials that preserve health and whose production and manufacture processes promote environmental responsibility, social equity and economic sustainability.

The automated on-line GBP process enables product manufacturers to update their product information online 24/7 and provides multiple incentives to product manufacturers to reduce their impacts on global warming and to create a more sustainable building industry and society.

GBP Benchmarking Sustainability Credits



Green Building Pages Benchmarking Sustainability Credits closely follow the ASTM E2129-05 General Criteria product life cycle format, and the SMART Sustainable Product Standard, with the addition of corporate social responsibility criteria, providing a consistent framework of incentives, goals and benchmarks for product manufacturers, and consistent, clear, transparent information necessary for users.

Production & Manufacturing:
The heaviest credit weighting, 40% of total GBP Sustainability Credits, is in the production & manufacturing category. This reflects the greatest environmental impacts of that phase of product life.

Installation, Use and Maintenance:
20% of total GBP Credits are in the installation, use and maintenance category with increased weight for energy / global warming related credits.

End of Product Life:
Added incentives are given for reclamation programs, product reuse and alternative disposal.

Energy / Global Warming Issues:
46% of GBP Credits during the life cycle of a building product relate to energy use and the emissions of greenhouse and ozone depleting gases.

Social Responsibility:
Green Building Pages is the only resource guide with incentives and clear benchmarks in the category of social sustainability including health and safety of workers, wage equity and living wages here and abroad with incentives provided for chain of custody actions for upstream suppliers.

Other:
Credits for 3rd Party Certifications, chain of custody actions, and company sustainability reporting provide incentives for product manufacturers to address the broadest spectrum of environmental, economic and social responsibility issues. GBP Sustainable Achievement Award credits provide added incentives to manufacturers to incorporate innovative measures, such as carbon offsets, to offset their impacts on global warming.

Green Building Pages Benchmarking Sustainability Credits / % Weight

| Credit Category | Credit Sub-Category | Max Credits | Sub-Total MaxCredits | TOTAL Max Credits | % within greater category | Overall % | Energy, GH Gas, Ozone Related Credits |
|--|--|-------------|----------------------|-------------------|---------------------------|--|---------------------------------------|
| Production & Manufacturing | | | 435.00 | | | 43.50% | 15.60% |
| LCA | | | 25.00 | | | 5.75% | 2.50% |
| | ISO 14040 Life Cycle Assessment | 25.00 | | | 100% | 5.75% | 2.50% |
| LCIA | | | 30.00 | | | 6.90% | 3.00% |
| | ISO 14042 Life Cycle Impact Assessment | 30.00 | | | 100% | 6.90% | 3.00% |
| Carbon Footprint | | | 25.00 | | | 5.75% | 2.50% |
| | Carbon Footprint Calculation / Verification | 25.00 | | | 100% | 5.75% | 2.50% |
| Inputs | | | 110.00 | | | 25.29% | 11.00% |
| | Extraction Impact* | 15.00 | | | 14% | 3.45% | 1.50% |
| | Total % recycled or re-used material (by weight) | 15.00 | | | 14% | 3.45% | 1.50% |
| | Bio-based | 15.00 | | | 14% | 3.45% | 1.50% |
| | Renewable Resources | 15.00 | | | 14% | 3.45% | 1.50% |
| | Uses Toxic or Carcinogenic Materials/Chemicals | 20.00 | | | 18% | 4.60% | 2.00% |
| | Disclosure of Inputs | 30.00 | | | 27% | 6.90% | 3.00% |
| Outputs | | | 60.00 | | | 13.79% | 6.00% |
| | EPA Standards | 10.00 | | | 17% | 2.30% | 1.00% |
| | Re-sourcing Waste Products (input for another product) | 10.00 | | | 17% | 2.30% | 1.00% |
| | On-Site Waste Treatment | 10.00 | | | 17% | 2.30% | 1.00% |
| | Disclosure of Outputs | 30.00 | | | 50% | 6.90% | 3.00% |
| Water | | | 20.00 | | | 4.60% | 2.00% |
| | Water Conservation | 10.00 | | | 50% | 2.30% | 1.00% |
| | Waste Water Handling | 10.00 | | | 50% | 2.30% | 1.00% |
| Energy | | | 42.00 | | | 9.66% | 4.20% |
| | Energy Conservation | 15.00 | | | 36% | 3.45% | 1.50% |
| | On-Site Renewable Energy Source for Manufacturing Facility | 12.00 | | | 29% | 2.76% | 1.20% |
| | Green Energy Provider | 10.00 | | | 24% | 2.30% | 1.00% |
| | Green Energy Investing | 5.00 | | | 12% | 1.15% | 0.50% |
| Greenhouse Gases & Ozone Depletion | | | 40.00 | | | 9.20% | 4.00% |
| | Greenhouse Gas Emission | 20.00 | | | 50% | 4.60% | 2.00% |
| | Ozone Depleting Gases | 20.00 | | | 50% | 4.60% | 2.00% |
| Packaging | | | 15.00 | | | 3.45% | 1.50% |
| | Quantity of Packaging by Volume | 3.00 | | | 20% | 0.69% | 0.30% |
| | Recycled Content | 3.00 | | | 20% | 0.69% | 0.30% |
| | Packaging Materials | 5.00 | | | 33% | 1.15% | 0.50% |
| | Collection and Return of Packaging for Re-Use | 2.00 | | | 13% | 0.46% | 0.20% |
| | Steps Taken to Reduce Packaging | 2.00 | | | 13% | 0.46% | 0.20% |
| Transportation | | | 18.00 | | | 4.14% | 1.80% |
| | Average Distance from Supply to Manufacture | 5.00 | | | 28% | 1.15% | 0.50% |
| | Average Distance from Manufacture to Distribution | 5.00 | | | 28% | 1.15% | 0.50% |
| | Mode of Transport | 5.00 | | | 28% | 1.15% | 0.50% |
| | Steps Taken to Reduce Environmental Impact of Transport. | 3.00 | | | 17% | 0.69% | 0.30% |
| Chain of Custody | | | 50.00 | | | 11.49% | 5.00% |
| | Supplier Information Disclosure | 50.00 | | | 100% | 11.49% | 5.00% |
| Installation, Use and Maintenance | | | 163.00 | | | 16.30% | 7.70% |
| Installation | | | 30.00 | | | 18.40% | 3.00% |
| | Embodied Energy-No Machinery Required | 10.00 | | | 33% | 6.13% | 1.00% |
| | No Toxic Materials | 20.00 | | | 67% | 12.27% | 2.00% |
| Use & Maintenance | | | 32.00 | | | 19.63% | 3.20% |
| | Embodied Energy-No Machinery Required | 12.00 | | | 38% | 7.36% | 1.20% |
| | No Toxic Materials | 20.00 | | | 63% | 12.27% | 2.00% |
| Off-gassing | | | 36.00 | | | 22.09% | 3.60% |
| | No off-gassing during installation | 12.00 | | | 33% | 7.36% | 1.20% |
| | No off-gassing during use | 12.00 | | | 33% | 7.36% | 1.20% |
| | No off-gassing during maintenance | 12.00 | | | 33% | 7.36% | 1.20% |
| Energy/Resource Consumption During Use | | | 35.00 | | | 21.47% | 3.50% |
| | Power Demand | 25.00 | | | 71% | 15.34% | 2.50% |
| | Product Efficiency Over Time | 10.00 | | | 29% | 6.13% | 1.00% |
| Durability & Performance | | | 30.00 | | | 18.40% | 3.00% |
| | Life Expectancy of Product | 10.00 | | | 33% | 6.13% | 1.00% |
| | Product Performance Over Time | 10.00 | | | 33% | 6.13% | 1.00% |
| | Product Repair or Warranty | 10.00 | | | 33% | 6.13% | 1.00% |
| End of Product Life | | | 118.00 | | | 11.80% | 10.30% |
| Product Reclamation Program | | | 53.00 | | | 44.92% | 5.30% |
| | Alternative Disposal | 15.00 | | | 28% | 12.71% | 1.50% |
| | Reclamation Program | 38.00 | | | 72% | 32.20% | 3.80% |
| Product Reincarnation: | | | 65.00 | | | 55.08% | 6.50% |
| | Re-use | 30.00 | | | 46% | 25.42% | 3.00% |
| | Recycle | 20.00 | | | 31% | 16.95% | 2.00% |
| | Biodegrade | 15.00 | | | 23% | 12.71% | 1.50% |
| Social | | | 138.00 | | | 13.80% | |
| Occupational Health and Safety | | | 10.00 | | | 7.25% | 1.00% |
| | Policy and Claims | 5.00 | | | 50% | 3.62% | 0.50% |
| | OSHA Standards | 5.00 | | | 50% | 3.62% | 0.50% |
| Company Environmental Policy | | | 20.00 | | | 14.49% | 2.00% |
| | Environmental Education/Training | 5.00 | | | 25% | 3.62% | 0.50% |
| | Environmental Policy & Claims | 5.00 | | | 25% | 3.62% | 0.50% |
| | Environmental Goals | 5.00 | | | 25% | 3.62% | 0.50% |
| | Facilities Recycling (Paper, Plastics, Aluminum, Scrap Metals) | 5.00 | | | 25% | 3.62% | 0.50% |
| Wage Equity | | | 9.00 | | | 6.52% | 0.90% |
| | Policy & Goals | 4.00 | | | 44% | 2.90% | 0.40% |
| | CEO (or highest paid employee) salary | 5.00 | | | 56% | 3.62% | 0.50% |
| Gender Equality | | | 9.00 | | | 6.52% | 0.90% |
| | Policy & Goals | 4.00 | | | 44% | 2.90% | 0.40% |
| | Leadership | 5.00 | | | 56% | 3.62% | 0.50% |
| Human Rights | | | 20.00 | | | 14.49% | 2.00% |
| | Policy & Goals | 10.00 | | | 50% | 7.25% | 1.00% |
| | Child Labor Policy | 10.00 | | | 50% | 7.25% | 1.00% |
| Diversity | | | 5.00 | | | 3.62% | 0.50% |
| Employee Benefits | | | 5.00 | | | 3.62% | 0.50% |
| Corporate Generosity | | | 10.00 | | | 7.25% | 1.00% |
| | Community Reinvestment | 5.00 | | | 50% | 3.62% | 0.50% |
| | Charitable Giving | 5.00 | | | 50% | 3.62% | 0.50% |
| Social Chain of Custody | | | 30.00 | | | 21.74% | 3.00% |
| | Supplier Information Disclosure | 30.00 | | | 100% | 21.74% | 3.00% |
| Sustainability Reporting | | | 20.00 | | | 14.49% | 2.00% |
| Other | | | 146.00 | | | 14.60% | |
| Certification by Independent Certification Agencies | | | 65.00 | | | 44.52% | 6.50% |
| | Product Certified [SMaRT-30-50 pts; 25 pts- (Type I); 10 pts- (Type II)] | 50.00 | max. | | 77% | 34.25% | 5.00% |
| | Company is certified (specify certification) | 5.00 | | | 8% | 3.42% | 0.50% |
| | LEED Building Certification (specify building and rating received) | 10.00 | max. | | 15% | 6.85% | 1.00% |
| Testing by Authorized Testing Agencies | | | 6.00 | | | 4.11% | 0.60% |
| | Product Testing | 3.00 | | | 50% | 2.05% | 0.30% |
| | Company Testing | 3.00 | | | 50% | 2.05% | 0.30% |
| Sustainable Achievement Award | | | 50.00 | | | 34.25% | 5.00% |
| Disclosure of Information | | | 25.00 | | | 17.12% | 2.50% |
| Total GBP Sustainability Credits | | | 1000 | | | Total GBP Energy / Greenhouse Gas Related Credits | 33.60% |