



Glossary of Terms:

- **AV- (Audio/Video)** Refers to equipment and applications that deal with sound and sight. The A/V world includes microphones, tape recorders, audio mixers, still and video cameras, film projectors, slide projectors, VCRs, CD and DVD players/recorders, amplifiers and speakers. AV Products and practices are integral to an organization's communication infrastructure.
- **Electronic Waste-** Electronic products such as computers, TVs, refrigerators, mobile phones and office equipment that are discarded by consumers. E-waste is a problem due to the many hazardous materials contained in these products. E-waste is an expanding problem as the acceleration of technology causes more and more electronic products to become obsolete each year. Electronic equipment represents 70% of America's toxic waste in landfills while only comprising 2% of total waste. Equipment recycling programs and using products with longer life-spans helps to reduce e-waste. Energy Star certified products will have longer life-spans than their non-certified equivalents.
- **Energy Star Certification-** ENERGY STAR is the trusted, government-backed symbol for energy efficiency helping us all save money and protect the environment through energy-efficient products and practices. The Energy Star label was established to:
 - Reduce greenhouse gas emissions and other pollutants caused by the inefficient use of energy
 - Make it easy for consumers to identify and purchase energy-efficient products that offer savings on energy bills without sacrificing performance, features, and comfort.
- **Implementations** for more sustainable festivals/events
 - Compostable cups, plates, and cutlery
 - Use of renewable energy wherever possible: Many festivals use solar-powered stages or wind power.
 - Widespread, visible, and extensive recycling programs
 - Education about the local environment
 - Public transportation / shuttles
 - Use of Energy Star certified electronics in festival production
 - Invite food vendors that use locally-produced, organic foods
- **LCD-** Stands for "Liquid Crystal Display." LCDs are super-thin displays that are used in laptop computer screens and flat panel monitors. Since LCD screens are based on the principle of blocking light (rather than emitting it), they use up much less power than standard CRT (Cathode-Ray Tube) monitors.
- **LED-** Light-emitting diode. An LED is an electronic device that emits light when an electrical current is passed through it. Since LEDs are energy efficient and have a long lifespan (often more than 100,000 hours), they have begun to replace traditional light bulbs in several areas. Some examples include street lights, the red lights on cars, and various types of decorative lighting.
- **Renewable Energy Credits-** A REC represents the property rights to the environmental, social, and other nonpower qualities of renewable electricity generation. A REC, and its associated attributes and benefits, can be sold separately from the underlying physical electricity associated with a renewable-based generation source. At the point of generation, both product components can be sold together or separately, as a bundled or unbundled product. In either case, the renewable generator feeds the physical electricity onto the electricity grid, where it mixes with electricity from other generation sources. Since electrons from all generation sources are indistinguishable, it is impossible to track the physical electrons from a specific point of generation to a specific point of use.
- **ROI- Return on Investment-** A performance measure used to evaluate the efficiency of an investment or to compare the efficiency of a number of different investments.

$$ROI = \frac{\text{Gain from Investment} - \text{Cost of Investment}}{\text{Cost of Investment}}$$
- **Sustainability Standards-** Three separate standards have been developed to help define a "sustainable event."
 - BS8901- A management system that provides requirements for planning and managing sustainable events of all sizes and types. It requires identification and documentation of key sustainability issues like venue selection, operating procedures, supply chain management, procurement, communications, transport, and others. The standard is applicable to the entire range of events, from large scale conferences and unique events such as music festivals and COP15, the United Nations Conference on Climate Change .
 - APEX- The Convention Industry Council (CIC) has partnered with the American Society for Testing and Materials (ASTM) to work on the APEX initiative towards green meeting and events best practices. The APEX/ASTM standards measure the following nine areas: accommodation, A/V and production, communications, destinations, exhibits, food & beverage, meeting venue, on-site offices, and communication.
 - GRI- The Global Reporting Initiative is an international NGO that provides a framework for sustainability reporting. The GRI is presently working on guidelines for the events industry due in 2012.



Examples of Renewable Energy at Festivals and Events

- [Music on the Mountaintop](#)
- [Shakori Hills Grassroots Festival](#)
- [Minneapolis Convention Center](#)
- [Atlantic City Convention Center](#)
- [Auburn A/V](#)
- [Sustainable Waves](#)
- [Glastonbury Festival](#)
- [Coachella](#)
- [Clean Energy Events](#)
- [The "Wind Bowl"](#)
- [Proximity Hotel](#)
- [Dezhou, China](#)
- [New Orleans 30-90 Green Music Fest](#)
- [Minnesota State Fair](#)

Reference Websites for Sustainable Festivals and Events

- [Green Meeting Industry Council](#): International non-profit organization dedicated to sustainability in the events industry.
- [NC Green Travel](#): Initiative through the NC Division of Environmental Assistance and Outreach (DEAO) promoting green travel.
- [NC Electronics Recycling](#): Initiative through the NC DEAO promoting electronics recycling.
- [NC Green Power](#): Initiative approved by the NC Utilities Commission to add more green energy to the state's existing power supply.
- [Denver Sustainable Event Guide](#): Ideas and case studies relating to sustainable events that provide assistance to event planners.
- [A Greener Festival](#): Website dedicated to making festivals more eco-friendly and attendee-friendly at the same time.
- [Green Meetings](#): Products, solutions and information to improve the eco-friendliness and cost-effectiveness of your business meetings and conferences.
- [Energy Star](#): International standard for energy efficient consumer products. Began as a U.S. government program and has since been adopted internationally.
- [BSI 8901](#): Handbook containing the basics a sustainability management system for events.
- [Convention Industry Council](#): Provides an overview of APEX/ASTM environmentally sustainable meeting standards. Links to CIC members, current research, and events.
- [Global Reporting Initiative](#): Currently developing sustainability reporting guidelines for the events industry. Developing indicators that measure the events' industry's social, economic, and environmental impacts.
- [United States Environmental Protection Agency](#): Provides an outline for going carbon neutral at events. Examples include the 2006 FIFA World Cup, 2006 Olympics in Torino, and the 2004 Republican and Democratic National Conventions.
- [ECU's Center For Sustainable Tourism](#): Provides resources and links for businesses. Links to many online resources, tip sheets, industry partners, and much more.
- [RETI website](#): The home page for the Renewable Energy in Tourism Initiative. Provides links to previous webinar recordings as well as supplemental materials.