

Carbon Offsetting the 11th ICRS



ICRS is an officially registered event with Carbonfund.org and a portion of your registration fee will be used to reduce the climate impact of the Symposium by supporting **renewable energy, energy efficiency, and reforestation** projects that reduce and offset CO₂ emissions.

To carry the CarbonFree™ label a complete a rigorous greenhouse gas emissions assessment must be carried out and the resulting emissions must be offset through the support of greenhouse gas reduction strategies.



How does offsetting work?

1. Reduce What You Can, Offset What You Can't.™
2. Calculate Your Emissions. Carbonfund.org's Carbon Calculator uses information from the US Department of Energy's Energy Information Agency and other sources to develop an accurate assessment of carbon dioxide emissions emitted per energy type or use (<http://www.eia.doe.gov/>). The calculations include: Number of people, number of days, means of transport and distance travelled by attendees, the size of the venue, the hotel rooms being used and the food being produced / consumed. There is an additional 10% overage which is charged for unaccounted emissions. This event produces 1088.50 tons of carbon dioxide, this is equivalent to the amount of carbon dioxide sequestered in 600 tons of wood.
3. Offsets Your Carbon Emissions: Our money has been invested by carbonfund into their projects. The Green LOC believes that carbonfund's process of verification and certification are transparent and thorough.



How does Carbonfund.org choose their projects?

1. **Real:** The project must generate the expected carbon offsets and reductions.
2. **Surplus:** It must be additional to any mandated or regulated offsets, reductions or green power requirements.
3. **Verifiable:** It must be certified to ensure against double counting.
4. **Permanent:** It must permanently reduce carbon dioxide emissions.
5. **Additional:** And it must be above and beyond business as usual, as defined by each certification body.



Offsetting Projects, where does the money go?

The projects selected were taken from Carbonneutral's repertoire of renewable energy, energy efficiency and reforestation

Renewable: <http://www.sunedison.com/>
SunEdison Solar Projects - Aliso Viejo, Stockton, Ontario, and Anderson, Cali.

This project is changing the way companies and individuals buy solar energy. By paying for the initial investment and upkeep of the solar panels and maintaining ownership, SunEdison only requires its customers to pay for the electricity to take advantage of 100 percent clean energy. As North America's largest solar energy services provider, SunEdison is helping California businesses and schools retrofit their buildings with photovoltaic solar panels



Efficiency: <http://www.idleaire.com>
The innovative IdleAire project reduces tailpipe emissions from some of the heaviest emitters of all: the 18-wheelers that transport our consumer goods all over the country. IdleAire installs a small device in trucker cabins that eliminates the need to keep the engine running for power during rest stops. The technology allows truckers to heat and power the interior of the truck, run the radio and check email without forcing the engine to burn diesel, saving a gallon of diesel per hour.

Reforestation:

Return to Forest - Rivas, Nicaragua
Return to Forest will reforest an area in Nicaragua larger than Central Park and will sequester 150,000 metric tons of carbon dioxide emissions. Carbonfund.org helped develop the project in partnership with Paso Pacifico, a nonprofit dedicated to preserving and restoring Central America's tropical forests. Return to Forest was awarded the Climate, Community and Biodiversity Standard's "gold" rating, marking it as one of the finest reforestation projects in the world. The newly restored areas will also form habitat corridors for wildlife, and provide local jobs and eco-tourism opportunities.



Please visit http://www.carbonfund.org/site/pages/our_projects/ for more information on carbonfund projects