2011 Florida Green Lodging Carbon Footprint

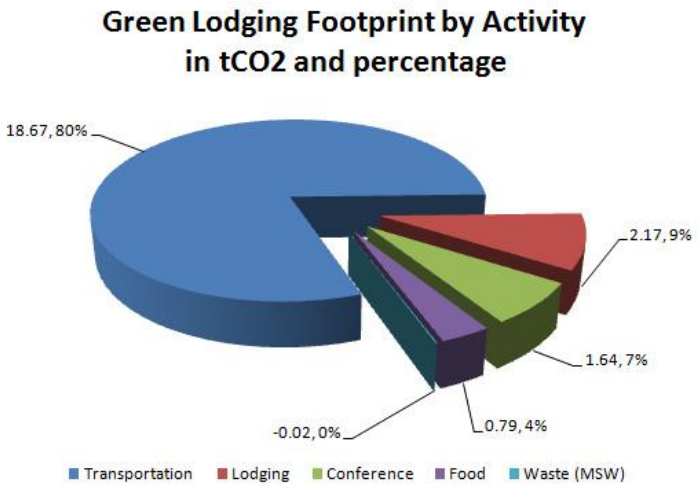
The emissions associated with the 2011 Florida Green Lodging & Hospitality Conference totaled **23.24 tCO2e.**

Participants traveled a bit over 90,000 miles of which 71,000 by air, contributing the majority of the footprint. The conference utilized just under 13,000 sq ft of meeting space for 2 days and 86 room nights were booked for the event, which together amounted to just under 20% of the total impact.

Food and beverages for approximately 330 individual servings were prepared, accumulating a bit over 4% of the footprint.

Lodging and conference activities resulted in approximately 7 lbs of waste per person, which actually reduced the footprint slightly, due to Orange County's extensive landfill gas to energy operations.

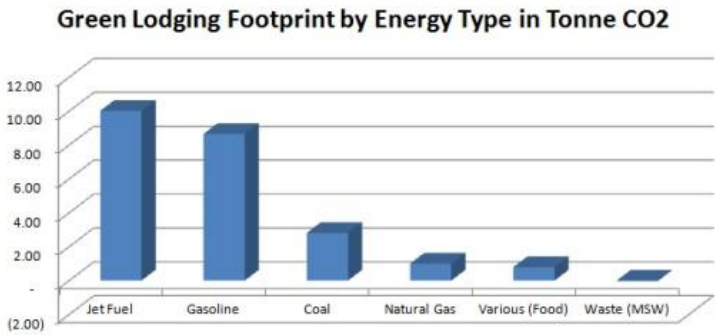
The footprint averaged 0.19 metric tonne or 410 lbs of CO2e per person.



About the Data

Participant data was provided by TREEO staff the week prior to the conference, at which point 125 participants had registered. Of the 125 participants registered, 45 were determined to be local and assumed to be commuting twice to the event. Unless known otherwise, road travelers were calculated to be driving solo.

Lodging, conference and property utility details were provided by the DoubleTree Conventions Services Manager. These figures were then multiplied by each utility's unique emission factor and proportioned to time and use.



Coincidentally, a 5 month study was conducted for Alachua County hotels in 2009 for over 21 properties of various sizes. The DoubleTree figures in this footprint matched those closely; a November room night accounted for 27.25 kWh and 0.48 Therm in Orlando, and 31 kWh without natural gas in Alachua County.

How was the Green Lodging Conference neutralized?

The greenhouse emissions from the event were matched by an equal amount of emission reductions, thus rendering the event 'carbon neutral'. The reductions were achieved through a two year long community-wide campaign in which a large quantity of energy-efficient light bulbs were exchanged for older, less efficient incandescents.

The project, titled "**Community Distribution of High-Efficiency Light Bulbs, a collaborative effort by the University of Florida, Gainesville Regional Utilities, Publix and Earth Givers**", was completed in 2009 and generated over 22,000 metric tonne of greenhouse gas reductions. Project verification was performed by PurvisGray and Clean Power Engineering, Inc. Details can be found at: http://www.ghgregistries.ca/cleanprojects/masterprojectdetails_e.cfm?pid=884

What is ClimateSafe?

ClimateSafe is the United States' only federally recognized certification mark for greenhouse gas neutral products and services. The ***ClimateSafe Certification*** process was developed in 2000 and can be applied to events, businesses, products and services. This certification communicates carbon neutrality in a warm manner recognizable by over 1 billion citizens of planet earth.

Certification has been extended to cultural events, businesses, products and the 2010 University of Florida Athletic Program. Additional information can be found at www.climatesafe.com

This game is certified
100% greenhouse gas neutral
www.climatesafe.com

ClimateSafe®

Footprint Organized by:

The Third Annual Green Lodging & Hospitality Conference

The conference focuses on practices in the meeting and hospitality industries that increase profitability by both reducing costs and boosting revenues, while minimizing their environmental impacts.

Orlando, November 8-9, 2011