



Friday, August 21th, 2009

www.charlestongreen.us

www.charlestongreencommittee.com

The Green Connection

Next Meeting

Tuesday, September 8th

8 am

John Wesley United Methodist Church

626 Savannah Highway

([CARTA Route 30](#))

The Green Fair Green Business Expo

The Green Business Expo will be held on Friday, September 25, at the Francis Marion Hotel from 8 a.m. to 6 p.m. The expo consists of a series of workshops and panel discussions, Round Table Hot Topics, a green networking luncheon, Exhibitor Showcase and closing out with a cocktail party. The Expo will offer real solutions to businesses looking to incorporate more green practices, promote an existing green business or launch a new product or service in South Carolina. Click [here](#) to buy your tickets now!

Sustainable Seafood Progressive Dinner

Don't miss the opportunity to sample four of Charleston's finest downtown restaurants. Pick one of three fabulous tours and enjoy an evening of delicious local seafood, fabulous wine and fun people! Learn more about what types of seafood are seasonal and sustainable while sampling specialties of some of the Lowcountry's finest Chefs. The Market Street Tour still has tickets available. The other tours have sold out. Click [here](#) to buy your tickets now!



Groundbreaking Energy Storage Battery

Ashok V. Joshi and his team at Ceramtec in Salt Lake City have developed an exciting new energy storage battery. The company calculates that the battery will cram 20 to 40 kilowatt hours of energy into a package about the size of a refrigerator, and operate below 90 degrees C. This could fully power a small home or apartment, and



make a big difference for larger units. Ceramatec says its new generation of battery would deliver a continuous flow of 5 kilowatts of electricity over four hours, with 3,650 daily discharge/recharge cycles over 10 years. With the batteries expected to sell in the neighborhood of \$2,000, that translates to less than 3 cents per kilowatt hour over the battery's life. Conventional power from the grid typically costs in the neighborhood of 8 cents per kilowatt hour. The savings are undeniable. With a projected 3,650 discharge/recharge cycles – one per day for a decade – you leave the next-best battery in the dust. The genius of this battery becomes apparent when coupled with personal solar panels and/or windmills. The electricity generated by these devices can then be stored within this groundbreaking new battery, so that your home will stay powered cheap and clean. Click [here](#) for more information.

Energy Conservation Corps Program and Job

The Sustainability Institute (SI) and Lowcountry Civic Justice Corps (LCJC) have been awarded funding to start a major, new partnership program – The Energy Conservation Corps (ECC). A total of 23 positions will be hired this first year. The Energy Conservation Corps is a new program for The Sustainability Institute that is ready to be launched in partnership with the Lowcountry Civic Justice Corps. The ECC is an adaptation of the AmeriCorps model, with the goal of engaging young adults (age 18-24) directly in work in their communities (service learning) while teaching them skills that will make them employable in the



local, "green" economy. The focus of our Energy Conservation Corps program will be to weatherize the homes of low-income families in communities in the City of Charleston and City of North Charleston. The goal is to weatherize 200 homes by 2011 and to complete 50 in this first year. This program is truly a "Green Jobs" program that will support our local economy.

All interested candidates, for any of the above positions, should send their resume and brief letter of interest to The Sustainability Institute at:

jobopenings@sustainabilityinstituteSC.org.

Please direct any questions regarding the program or job positions to

Director@sustainabilityinstituteSC.org.

Successful Updates From the First Day Festival!

Thanks to the Green Team and all of their wonderful volunteers, we were able to divert a significant amount of waste at the recent First Day Festival! With a combined effort of 30 Green Team volunteers, we diverted 1,500 pounds of cardboard and 1,260 pounds of bottles and cans from the waste stream! This is very exciting news, thanks Green Team!



