



The Eco-\$mart News

The Quarterly Publication of Eco-\$mart, Inc.



Healthy, Efficient, Disaster Resistant Products for Better Living

Edited by Matt Ross, President

December 2008

Dear Eco-\$mart Newsletter Readers,

Thank you for staying in touch with us, and a very happy holiday season to all. We appreciate all you leaders in the important movement towards sustainability. As you will read below, we have been busy getting the word out to the public in recent months, attending green events in Florida and beyond. We have added a number of new Eco-\$mart offices and want to welcome our new representatives in Florida (Naples, Ft. Myers, Pt. St. Lucie) Kentucky, New Jersey, Georgia, South Carolina, Texas (and coming soon in Saudi Arabia and Dubai). We have also added a few new wonderful green products in areas of energy efficient lighting, HVAC and interiors. Please let us know your feedback as you read about them.

I think many of you share my optimism for the future, since our presidential election. You have likely been catching the news about the planned public works programs focused on energy efficiency for government buildings. I expect that additional incentives and funding sources for upgrading private sector commercial buildings and homes will follow, as well. All these forces are creating robust environment for implementing many of the technologies and approaches that we have been identifying since starting Eco-\$mart in 1993. It is too bad that a financial crisis had to precede the impending changes, but I guess that means we all in the sustainable movement are the silver lining on that cloud.

Please let us know how we can help you in your home and in your business be a part of the green wave that is just building now. It is a team effort.

Sincerely,
Matt Ross, President
Eco-\$mart, Inc.



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Eco-\$mart News...

Eco-\$mart Events



October 11, 2008 - **Rhett Cork & Matt Ross** at the Eustis Folk Festival



October 25, 2008 - **Rick Metzger** at the Bluegrass Energy Expo



November 1, 2008 - **Matt Ross** at the Green Street Fair



November 25, 2008 - **The Villages Green Expo Show**

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Eco-\$mart Active!

VETERINARY CENTER OPENS NEW GREEN BUILDING

DECEMBER 4, 2008



Beth Brown DVM cuts ribbon as Commissioners Staub and Mason and staff look on.

West Coast Veterinary Center, at 7910 S.R. 72, Sarasota, FL held a ribbon cutting ceremony for their new clinic on December 4. The clinic, consisting of a 6000 SF office/hospital and a 4000 SF horse barn, was built with environmentally friendly and energy efficient features, enabling it to undergo the certification process by the Florida Green Building Coalition.

Eco-\$mart is proud to have supplied many of the green features including heat reflecting metal roof, foam sealed roof interior, passive solar water heaters and energy efficient windows. A pond oriented for rain-water run off is stocked with native fish and available for occasional irrigation of native, drought resistant plants used in the Florida friendly landscaping.



2 Passive Solar Water Heating Panels on a heat reflecting roof.

Inside, a specialized floor is installed for animal comfort, cleanability and disease control. Indoor air quality is controlled by an energy recovery ventilator integrated with efficient AC and fresh air ducting so kennel air does not mix with office air. Low Energy LED and compact fluorescent lighting through out the complex reduces energy consumption.

"...building our facility this way was the right thing to do, for the planet, and for the human and animal occupants", said Dr. Beth Brown, owner and director of the Center, "...though it costs a bit more to build this way, we expect that the monthly energy savings will more than cover the increased financial cost of the building."

[Download Full Article with photos in the Eco-\\$mart Library.](#) PDF



Eco-\$mart Product News...

LEDing the Way



Technological advances in LED lighting now make it possible to replace nearly any Incandescent, Fluorescent or High Density light source with Solid State LED Lighting.

Eco-\$mart is building a comprehensive collection of LED lights for new construction and retrofit that directly replace outdated, wasteful bulbs, lamps, and tubes of all kinds.

Why is LED the future of lighting?

- LED Lights use **significantly less energy**, in many cases, using less than a tenth of the wattage of incandescent bulbs.
- LED Lights last 3 to 5 times longer than fluorescent and 20 to 30 times longer than incandescent bulbs.
- LED Lights are solid state and require no ballast or starter.
- LED Lights are safe. No gas, no glass, no UV rays, no mercury.

LED Replacement Lamps

From under-counter strip lights to Hi Power Roadway and Wall Pack Lamps, our selection of LED Retrofit Lamps make it possible to replace old, inefficient lighting with low maintenance, low wattage LED lights. LED lights pay for themselves over time and pay huge dividends to our environment by reducing energy consumption and eliminating many pollutants in manufacturing.

Bulbs - from candelabra to household light bulbs to Hi Lumen CFL bulbs, there is an LED light to replace old, inefficient light bulbs.

Tubes - T5, T8, and tube lights can easily be replaced, eliminating the need for higher rated wiring, ballasts, and transformers. LED tube retrofits produce little heat making them perfect for chilled storage and refrigerated display cases.

Floods & Spots - retrofit to nearly any flood or spot light base. GU, JDR, MR and PAR replacements in a variety of configurations and wattages. [More in the Eco-\\$mart Catalog](#)

HID to LED Retrofit

Convert virtually any commercial or industrial HID light fixture to an energy efficient solid state LED Light. Custom kit installs in just a few minutes.



WE CAN RETROFIT:

- Wall Packs
- Street Lighting
- Service Station Canopy Lights
- Parking Lot Lighting

[Read More in the Eco-\\$mart Catalog](#)

LED + PV = A breakthrough in Outdoor Lighting.

Solar Coach Lights



Solar Coach Lights reduce energy costs and provide an independent source of light for your driveway and yard. Choose from super efficient unplugged solar coach lights or get the new Hybrid Lite that combines Photo-voltaic Technology with LED Efficiency to create a light that saves energy while being backed up by existing outdoor wiring. [Read more in the Eco-\\$mart](#)

[Catalog](#)

More Product News

Solar Air Conditioning

Using the latest advances in cooling technology and combined with a 3-way Filtering system, Solar Air Conditioning offers fresh, cool, clean air for a more comfortable and healthier indoor environment while saving energy and money by using the sun as a heat source to assist the cooling process. This greatly reduces the load on HVAC components as well.



[Read More in the Eco-\\$mart Catalog](#)

Coco Tiles

Our newest family of eco-friendly design materials can be



used as decorative tiles or panels both horizontally and vertically. Made from reclaimed coconut shells, low-VOC resins and a FSC-Certified wood back, using Coco Tiles can contribute to LEED certification. A variety of designer patterns and color combinations, in shades to fit the mood of any room, make it easy to be green.

[Read More in the Eco-\\$mart Catalog](#)

Torzo Hard Surface

A



sustainable surface for Counters, Cabinets and Floors, ideal for high wear applications, including countertops, tabletops, tiles, vanities, flooring, as well as vertical applications like cabinets, paneling and dividers. Manufactured with 65% or more Recycled Products and no formaldehyde, Torzo surfaces compliment any green building project and contribute to LEED certification.

[Read More in the Eco-\\$mart Catalog](#)



New at the Eco-\$mart Website...



Recommended Presentations

LED Replacement Lamps **PPT**

Our Presentation of LED Replacement Lamps has been updated to show our expanding line of LED retrofit lights.

Eco-Flector Flash - "A Commercial Test"

Examines the problem of sun damage, heat gain, glare from the morning sun at a drug store.

HID to LED Retrofit Presentation **PDF**

How to save energy and money by retrofitting old High Density Lamps to new, efficient LED Lights.

Reminders

Look for **Water Conservation Resources** on our Home Page to access a frequently updated reservoir of information on how we can save our most precious commodity, fresh water.

News on the Home Page

You don't have to wait for this newsletter to get the latest Eco-\$mart News. The Latest News is now on our Home Page. Look for it just below Eco-\$mart Presentations.

Eco-\$mart Offices

You can find your nearest Eco-\$mart Representative by visiting [Eco-\\$mart Offices](#) on the Eco-\$mart Website. Representatives are available for presentation, consultation, and sales.

New in The Eco-\$mart Library

Documentation

- Demand Buster - Home Depot Report
 - Solar Air-Conditioning - Application Photos
 - Permeable Pavement System - Design Aid
 - LED Replacement Lamps PPT (updated)
 - Eco-Flector Vertical Blinds
 - Impact Patio Door Brochure
 - ATA-Solar Photovoltaic Roofing
 - Brac Systems - Pre-Installation Requirements
 - Teak - Botanical Info - Almendro
 - Teak - Botanical Info - Engineered
 - Teak - Botanical Info - Guapinol
 - Teak - Botanical Info - Mora
 - Teak - Botanical Info - Pilon
 - Torzo Sustainable Hard Surface Brochure - Indure
 - Torzo Sustainable Hard Surface Brochure - Orient
 - Torzo Sustainable Hard Surface Brochure - Seeta
 - Torzo Sustainable Hard Surface LEED Certification
 - Torzo Sustainable Hard Surface MSDS
 - Florida Commission Approves Net Metering...
 - FPL Net Metering FAQ
 - Passive Solar 3-way valve Diagram
 - BIPV Miami-Dade Notice of Acceptance
 - American Homes cuts ribbon on a bright future
 - Great Grabz Safety Bars - IN "Hotel & Motel Management"
 - ADA - Accessibility Guidelines -Buildings...
 - American Homes, LLC - Making 6 Key Systems Standard!
- #### Galleries
- Coco Tiles
 - HID to LED Retrofit Installations
 - HID to LED Retrofit Examples
 - Concrete Roofing System

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