

### **W2E Announces DHEC Solid Waste Permit for State-of-the-Art Organic Waste Management Facility in Columbia**

#### **\$12 Million Project to Process Organic Waste into Green Energy**

##### **January 20, 2011:**

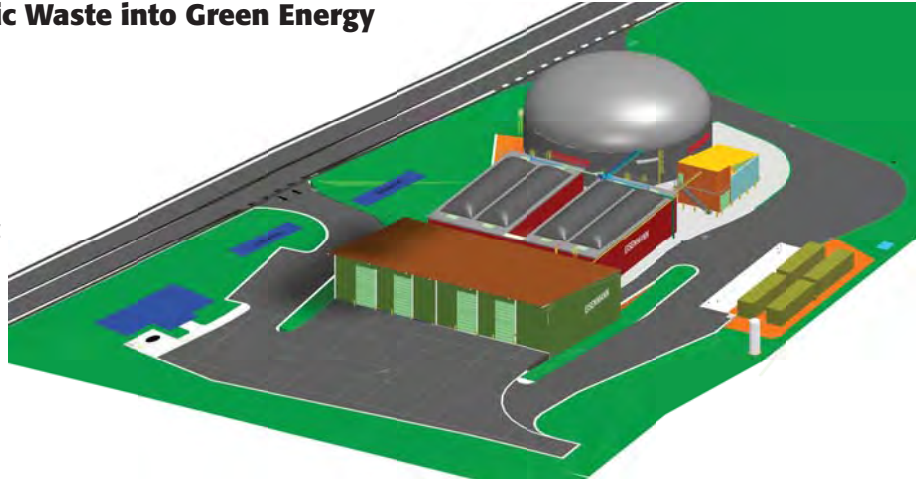
W2E received a solid waste permit from the South Carolina Department of Health and Environmental Control (DHEC) paving the way for the construction of a state-of-the-art digestion facility in Columbia. The facility will begin construction under the supervision of W2E, and will process organic waste, turning it into green natural gas for electric power production.

The W2E facility is a truly sustainable, renewable energy facility returning the nutrients from the organic waste back to the earth. Closing the loop, the soil amendment produced by the facility will be used for local agriculture as well as commercial and residential landscape applications.

The organic waste consists of food, grease, produce, yard, and several other sources which together provide a nutrient and energy rich mix from which the anaerobic process converts the waste into clean natural biogas.

The W2E facility will be located at a site in Columbia and is scheduled to begin processing waste in 2011. Once completed, the anaerobic digestion plant will accept all forms of organic waste from a variety of sources.

Daniel Rickenmann, CEO of W2E, characterized the Columbia facility as the flagship of W2E's national build-out of anaerobic digestion facilities. "We have developed a significant group of partners with waste streams for our system, and we look forward to beginning this brand new effort to process Columbia waste into energy." Mr. Rickenmann said.



*Rendering of W2E Biogas Plant*

#### **Organics Waste Diversion**

W2E is a small technology business developing anaerobic digestion systems in South Carolina and the Eastern United States. Anaerobic digestion production facilities are capital intensive to build, but they provide a two pronged solution to the alternative energy arena:

- Anaerobic Digestion takes organic waste as a feedstock to produce green natural gas reducing pressure on landfills and providing an environmentally responsible option for the disposal of organic waste from municipal, residential and commercial sources.
- Anaerobic Digestion produces clean, green biogas which is used to provide three green energy products: Green Natural Gas, Green Electricity, or Green Compressed Natural Gas (gCNG).

W2E has commitments from a variety of commercial waste streams including, Walmart, Quest Recycling, Dorado, Blue Cross Blue Shield, Pascon, Palmetto Health, Harvest Hope Food Bank, Pontiac Foods, McEntire Produce, Farmers' Market, and WP Rawl.

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The project in Columbia is the flagship and prototype for the W2E Anaerobic Digestion facilities. As the first of its kind in the United States, the Columbia facility marks a new way to reduce green house gas emissions, while providing an alternative source of energy to the electrical grid. Additional facilities are planned in the near future at Gastonia, NC, and Baton Rouge, LA.

W2E organic power will be fed into the electrical grid and purchased by a variety of users. Power purchase agreements are being negotiated to account for use of electricity, green natural gas, and potentially green compressed natural gas in future years.

W2E is joining with **EISENMANN**, the technology developer and engineering lead to begin site construction in the coming months. The team intends to continue the projects in North Carolina and surrounding states during 2011.

### **About W2E Columbia, LLC**

W2E is a Columbia, South Carolina-based developer of sustainable, renewable energy projects. In addition to their flagship facility in Columbia described above, W2E is actively developing six (6) additional projects through the Mid-Atlantic, Southeast, and Gulf Coast regions. Each of these projects is at different stages of permitting and build-out.

Visit them on the web at <http://waste2energynow.com>.

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### **ABOUT EISENMANN Corporation**

**EISENMANN** is a leading international supplier of environmental, renewable energy and manufacturing systems technology. For over 60 years, they have offered some of the most advanced process and environmental solutions as well as comprehensive service programs that provide industry leading performance and eliminate costly downtime for industrial plants around the world. **EISENMANN** has US headquarters based outside of Chicago, IL.

Find them on the web at  
[www.eisenmann.com/usa/biogas-gw.php](http://www.eisenmann.com/usa/biogas-gw.php).

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