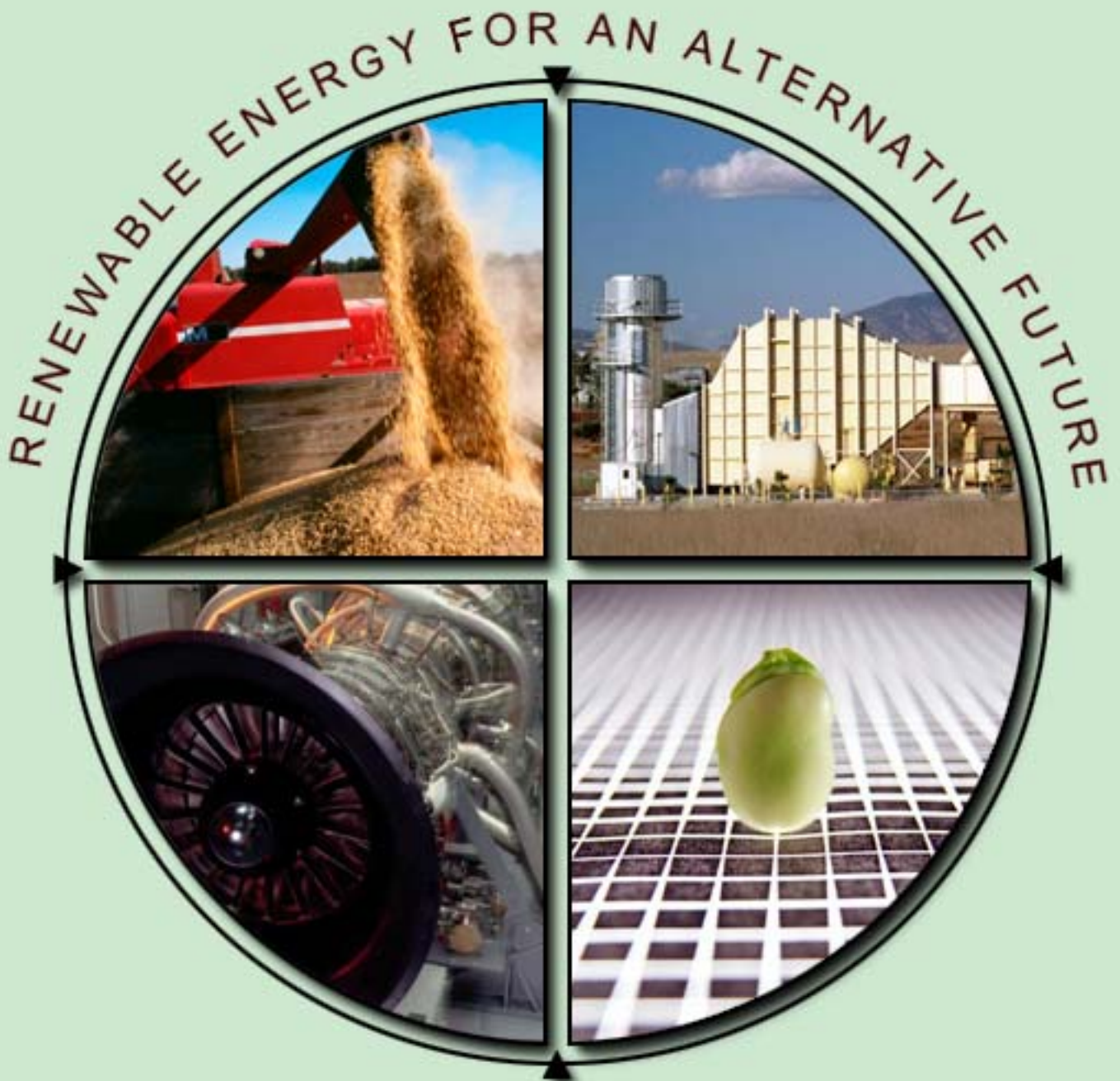




USSEC

U.S. Sustainable Energy Corp.



[www.ussec.us](http://www.ussec.us)

2007

THE POWER TO CHANGE THE WORLD



## **U.S. Sustainable Energy Corp.**

U.S. Sustainable Energy offers a revolutionary and patent pending new energy process that creates over three times more fuel per feedstock unit than any other biofuel process. The company has engineered the first bio-renewable fuel able to serve as a permanent replacement to diesel -- with none of the negative traits associated with traditional biodiesel or other green fuel alternatives.

The USSEC biofuel is furthermore created at a nominal cost as the byproduct of producing organic fertilizer from recycled waste products, a discovery made during research into agricultural biomass now known as the "Rivera Process." The technology offers a solution for foreign oil dependence and the eventual reversal of global greenhouse gas emissions, and can be further utilized to produce ethanol for 30 to 35 percent less than anyone else in the world.

Management and current operations are focused on leveraging the superior performance and low cost of the carbon, fertilizer and biofuel within bundled plant operations, turnkey energy contracts, ethanol production, and other critical applications that rely on energy as a major cost component.

Please visit our website: [www.ussec.us](http://www.ussec.us).

### **U.S. Sustainable Energy Corporation (OTC: USSE.PK)**

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# Unique Process Produces Sustainable, Superior Fuel

U.S. Sustainable Energy Corporation's state-of-the-art manufacturing technology uses a highly efficient process to break down vegetable feedstock (soy and/or corn) and extract the most energy possible, so that nearly 100 percent of the feedstock results in three usable products: liquid biofuel, carbon ash and biogas.

The carbon ash is a rich natural fertilizer containing nitrogen, potash and orthophosphate that can be used to replenish the soil used to grow the feedstock. The revolutionary USSEC organic fertilizer is the only carbon rich fertilizer on the market that is renewable and sustainable, and produced from 100% biomass.

It can also be the basis for ink pigments.

The biogas provides 100 percent of the power for USSEC's manufacturing facility.

## LIQUID BIOFUEL

USSEC's liquid biofuel will initially be used to generate electricity. Tests performed by independent third parties show that USSEC biofuel is superior to typical biodiesels on the market. Its benefits include:

### Low cost

USSEC biofuel costs less \$1 per gallon to produce, compared with about \$2.50 for most biodiesels on the market (prices assume soybeans cost \$6 per bushel). And the USSEC cost includes production of biogas and carbon ash.

### Efficient production

Our process makes more biofuel per feedstock unit than traditional processes: 1 bushel of soybeans produces 5 gallons of USSEC biofuel, compared with about 1.5 gallons of biodiesel. It takes about 8 minutes to create a gallon of USSEC fuel, compared with 24 hours for biodiesel.

### Higher energy output

Independent tests show a heating value of 128,000 BTU per gallon, on par with regular diesel. Biodiesel typically has a heating value of 118,000 BTU per gallon; premium gasoline has about 116,000 BTU per gallon.

### Top performance

Tests show that USSEC biofuel will not clog engine filters at temperatures as low as -70 degrees Fahrenheit and remains liquid and pumpable at temperatures down to -90 degrees Fahrenheit. These are far lower temperatures than petroleum diesel or biodiesel can tolerate. Additionally, USSEC biofuel burns very cool, so it's not likely to degrade engine performance.

### No engine retrofits needed

USSEC biofuel can be used at 100 percent in diesel engines and with a 50/50 blend for gasoline engines without retrofits or modifications. Its lower viscosity eliminates the formation of gum residues on engine parts that has been a problem with traditional biodiesel fuels, requiring them to be blended with petroleum fuels.

**For more information, see "Introduction to the USSEC Biofuel".**

## Senior Management

### **John Rivera**

Chairman & CEO

John Rivera invented USSEC's patent-pending fuel manufacturing process and has 30 years' experience in business and technology development in U.S. and international markets. His accomplishments include developing a clean-oil process that converted pit oils to uncontaminated fuel; developing co-generation facilities in the Dominican Republic, Puerto Rico and Nicaragua; and leading the development of process technology to extract clean oil from contaminated sand in Kuwait. He also has designed and developed numerous computer-based systems and researched and developed chemical reactions and catalysts.

### **Alex Machado**

President of Operations/COO

Alex Machado has a long record of operations success and growing business with major retailers. As managing director for the Atlanta-based operations of Floor & Décor Outlets of America, he conducted private meetings with investors, performed P&L analyses to increase EBIT and gain market share, and created a customer loyalty program that increased business 22 percent while maintaining margins. At Best Buy, he managed and operated over \$100 million in business annually and developed plans that increased market share and profitability. He spent eight years with Circuit City, winning many awards and ultimately serving as district manager, IT, in Miami, where he increased revenue by 15 percent.

### **Gerald Brent**

Vice President Operations/General Manager

Gerald Brent has worked with Mr. Rivera for seven years as plant manager and been instrumental in implementing USSEC's technology. He has more than 33 years of business, management and plant maintenance and operations experience, including owning and operating his own business and serving as maintenance superintendent for Sanderson Farms.

### **Kelmer Smith**

Vice President Engineering & Construction

Kelmer Smith has been a project engineer and mechanical engineer for refinery processes at Exxon USA's Baton Rouge, Louisiana, refinery (the second largest in the world); a project manager at Cataphote Inc.; and a design engineer and project manager for Entergy Corp. at the Grand Gulf Nuclear Station. He left Entergy in 1996 to establish a successful consulting practice that eventually merged with I.C. Thomasson Associates, where he served as a principal mechanical engineer and president of MS Operations. He has also served as project manager and design engineer on numerous industrial projects.

### **Dale Shepherd**

Vice President Finance/CFO

Dale Shepherd's long, successful career in corporate finance includes work with start-ups as well as major companies. At General Electric Co. he focused on acquisitions, joint venture start-ups and entering new business areas. As vice president of business planning and corporate secretary for Kawasaki LNP Inc. he developed Asia-Pacific expansion strategies and negotiated acquisitions that tripled European sales. He also served as vice president of finance, CFO and corporate secretary for Rogers Corp., a publicly held specialty materials company; chief administrative officer/CFO for Assettrade.com (now www.Goindustry.com); and vice president, finance-logistics for SIRVA Inc.'s \$500 million multinational logistics division.