

#### DATE AND TIME

Fri, December 11, 2015 8:00 AM – 10:00 AM Add to Calendar



### LOCATION

Crowell & Moring. LLC: 590 Madison Ave. at 57th Street, southwest corner, 22nd floor



### **DESCRIPTION**

EcoHub LLC and the End of Garbage

EcoHub™ Uses One Bin, One Truck and One Route and the Multi-Patented "MaxDiverter™" System, To Process 95% of Municipal Solid Waste

Municipalities across the U.S. are implementing regulations that require substantial increases in waste recycling/diversion rates to be achieved in the near future. This provides an opportunity to derive substantial value from that waste—but for one thing. The main barrier to realizing the full economic and environmental value of recovering material from the municipal waste stream is our current inability to properly separate the wide variety of materials that are thrown away. EcoHub LLC's patented separation technology solves this problem and will allow municipalities to meet their diversion requirements without requiring residents or businesses to separate waste. Moreover, the entire operation will generate tax revenues and create up to 800 jobs for every 2,000 tons per day (tpd) of Municipal Solid Waste (MSW) processed.

EcoHub is in an advanced stage of negotiations for a 20-year solid waste management contracts with 3 major US Cities.

EcoHub LLC is an eco-industrial park development company that specializes in mining the municipal solid waste stream to create value added products and economic development, while minimizing landfill disposal. The heart of the EcoHub system is the MaxDiverter™ technology. MaxDiverter separates Municipal Solid Waste (MSW) into 30+ clean and consistent material feedstock streams (guaranteed by the manufacturers, system integrator and a major EPC contractor) that are then converted into:

- ullet Food contact approved paper products, including cups, clamshells, tissue and paper towels
- Ø Lightweight wall panels, furniture and substrates from cardboard
- Ø Outdoor construction materials from off-spec plastics

- Ø Conventional recyclables (metals, glass, #1 & #2 plastics)
- Ø Synthetic fuels, e.g., crude oil & syngas, from rubber, leather & synthetic textiles
- Ø Renewable biogas and biofuel, including "drop-in" liquid fuels (diesel and ethanol); from yard & food wastes, and
- Ø Soil amendments from left over organic materials

EcoHub's technology enables immense environmental and energy-related benefits:

- Ø Guaranteed to separate and divert 75% or more of municipal solid waste from landfills:
- Ø Reduces greenhouse gas emissions by simplifying MSW collection and diverting the organic portion of MSW from landfills;
- Ø Eliminates the attraction of vermin and other disease vectors by separating the wet organic fraction from MSW and converting it into biogas, liquid fuels, fertilizer and soil amendments;
- Ø Reduces costs incurred by—and in some cases provides net funds to—municipalities and other governmental authorities;
- Ø Extends the life of landfills, which are very difficult to permit;
- Ø Greatly simplifies the MSW collection process, allowing single can or container collection for residential and commercial MSW; and
- Ø May be used to extract value from MSW already buried in landfills

EcoHub has established strong partnerships with a number of manufacturing and waste-to-fuels companies including:

- Ø Green Box for conversion of fiber to food contact packaging and plastics to diesel;
- Ø JET Recycling America, which converts off-spec plastics into outdoor construction products
- Ø ECOR for converting corrugated cardboard & textiles into wallboard, substrates and furniture
- Ø Meridian Bioenergy for anaerobic digestion of wet organics
- ullet Solena or comparable green waste to bio-fuel conversion technology
- $\bullet$  Ø EWS for bioreactor composting of organics and
- Ø Green EnviroTech or Green Box or other conversion technology for plastics-to-oil

The Company also has a number of other key allies including:

• M ACS Industrial Services for angingering procurement and

- w Aos maustrial services for engineering, producement and construction:
- Ø Bluescope Buildings for building systems
- Ø IBM for its Smarter Cities initiative and deep analytics;
- Ø Vecoplan for the integration of the MaxDiverter™ system;
- Ø CellMark for recyclable commodities brokerage; and
- Ø Raymond James and Morgan Stanley for project finance.

Most of these companies have entered into off-take contracts with EcoHub and will co-locate their facilities with EcoHub's MaxDiverter™ system. All of the equipment and construction partners have entered into bonded agreements warranting that they or their equipment can separate materials to 95% purity and maintain 97% uptime.

EcoHub's has a MaxDiverter v1 reference facility operating in Roseville, CA, owned by the Western Placer County Waste Management Authority. This 2,400 tpd mixed waste processing and recovery reference facility was designed and built by EcoHub Founder and CEO, Mr. Gitschel in 2005-2006, when he served as CEO of Rose Waste Systems. At the time, it was the most advanced and unique Mixed Waste Materials Recovery Facility (MRF) in the United States. The net result was a doubling of the recovery and diversion at the facility, while eliminating a second processing shift. However, without the MaxDiverter, which Mr. Gitschel has developed over the past several decades, 55% of the inbound waste continues to the landfill. Using MaxDiverter, separation and diversion is guaranteed to be at least 75% and could approach 95%.

Current prospects are strong. EcoHub has been in discussions with a number of municipalities and States to implement its integrated separation and waste-to-fuels solution.

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Or contact Gelvin at gelvin.stevenson@gmail.com.

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GIF thanks Investors Circle for its generous support, Geoff Miles and Chino Maduagwu for developing and operating GIF's video, social media and design capabilities, Tonia Popke for her financial expertise, and Jesse Goldstein, PhD, for his continued assistance.

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And global opportunities are huge. While the opportunity is ripe to address

opportunity exists in third world countries, where waste accumulation is a tremendous problem and a breeding ground for disease. EcoHub's initiatives have the potential to make a substantial dent in worldwide waste over time, thereby improving the quality of life for much of the world's population.

EcoHub has a strong executive team. George Gitschel, Founder and CEO, has over 34 years of executive experience in the solid waste industry. Mr. Craig Harris, Director of Business Development, has 35 years in the solid waste industry in diverse positions. Mr. Rob Watson is Chief Strategy Officer and is the founder of the LEED Green Building Rating System.

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Disclaimer: The Greentech Investors Forum (GIF) is not soliciting funds for the presenting companies, nor is it encouraging parties to invest in them. We try to find good companies—not necessarily good investments. They have been advised on what is acceptable in terms of predicted results, but GIF takes no responsibility for what they actually do, say, or how they perform in the future. Also, for full disclosure, Jeff Smith is Counsel for EcoHub and Gelvin Stevenson is working with them.

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Security: If there is a problem at the Security Desk, please contact Ellen Reilly at (212) 223-4000 (first choice) or Gelvin Stevenson at 917-599-6089.

Fees: \$50, payable ahead of time or at the door. Cash or checks and credit cards accepted.

\$25 for call-in. Registered call-ins will be emailed the call-in numbers and, if available, the slides to be presented.

\$25 for members of E2 and other affiliated groups.

\$20 for students, faculty and press.

Agenda: 8:00 to 8:30 - Networking

8:30 to 8:40 - Introductions

8:40 to 9:10 - Rob Watson, Chief Strategy Officer, EcoHub

9:10 to 9:30 - George Gitschel, from Houston, Founder and

CEO, EcoHub

9:30 to 10:00 - Discussion

Register, visit this Eventbrite site Greentech Investors Forum or send your contact information to Gelvin Stevenson at gelvin.stevenson@gmail.com or

91/-599-6089. And contact Gelvin It you have questions or need more information.

# Bios

Mr. George Gitschel is the Founder, Chairman, and Chief Executive Officer of EcoHub Corporation. With over 30 years in the waste management, recycling, and conversion technology industries, George is the inventor of the MaxDiverter<sup>™</sup> separation process. George currently has six issued or allowed patents covering over 120 claims and 20 additional patents pending on the MaxDiverter<sup>™</sup> and related technologies. Additionally, George has Patent Cooperation Treaty nationalization filed in China, India, Japan, Brazil, Canada, Mexico and the European Union. George has invested 20+ years developing EcoHub's system and vision. George is the driving force behind EcoHub, an innovative collaboration of premier organizations working together to reclaim discarded resources to achieve a waste free society. Utilizing the MaxDiverter<sup>™</sup> and other proven technologies, EcoHub allows for every piece of the waste stream to be accurately diverted and re-purposed into its highest and best use through clean and green technologies. Once sorted, these resources streams are available to be re-purposed into new products that will go directly to the local community--a true closed loop system for the world's growing waste disposal problem. Prior to founding EcoHub, George was the CEO of Rose Waste Systems, a leading municipal solid waste equipment, design, systems integration and supply company. Under George's leadership. the company designed and/or installed the systems for over 60 waste and recycling plants around the globe. George holds a B.S. in Commerce from the University of Santa Clara.

Craig F. Harris, Director of Business Development. Originally from Wichita, Kansas, Craig F. Harris has actively pursued his commitment to the environment for more than 35 years. An entrepreneur, Harris has applied effective solutions and innovative concepts to recycling and waste challenges while founding and providing leadership to six successful companies:

Compaction Limited, Waste Reduction Systems, Direct Compactor Systems, Summit Waste, City Waste and Coastal Compaction. These companies provided landfill operations, commercial waste collection, residential waste collection, commercial and industrial equipment sales and rentals, and recycling facilities in Houston, Kansas City, and Phoenix. Harris' extensive business development, management, and finance experience, led him to join EcoHub as Vice President-Business Development in October, 2014, to provide strategic guidance in promoting and creating business growth by developing and expanding collaborations both nationally and internationally. Harris attended Wichita State University and continues to serve his community

through ongoing philanthropic endeavors.

Rob Watson is Chief Strategy Officer of EcoHub LLC. An international leader in market transformation and green buildings, Watson is known as the "Founding Father of LEED." Under Rob's direction, LEED became the largest and fastest-growing international standard by which green buildings are measured. Author Thomas Friedman calls Rob "one of the best environmental minds in America."

Watson is also at the forefront of technical innovation in green buildings and energy efficiency, serving as Chairman and Chief Strategy Officer for PrimaFilm LLC, which has created the only thermally insulating window film that will reduce energy losses through windows by over 50%. Prior to his work with EcoHub, Rob launched ECON Group and EcoTech International to implement cutting edge LEED projects in the US and China. Watson was a Senior Scientist with the NRDC for 21 years directing the International Energy and Green Building programs. Among numerous international awards for his work, he is the 2013 recipient of the International Conservation Award from the Botanical Research Institute of Texas. In 2011, he was a semi-finalist in the international Zayed Energy Future Award for Lifetime Achievement and was profiled on CNN International. Watson is the only foreigner honored for Green Building Innovation by the Chinese Ministry of Construction and received the first lifetime achievement award from the U.S. Green Building Council in 2002.



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#### FRIENDS WHO ARE GOING



## **Greentech Investors Forum**

Organizer of Greentech Investors Forum [Dec. 11]--The End of Garbage: EcoHub recycles 95% of MSW with One Truck, One Bin, One Route

Greentech Investors Forum (GIF) provides visibility, networking and other assistance to emerging greentech companies. Our format gnerally includes one company, one independent expert and sometimes an investor. They present to a collegial audience of angel and venture investors, engineers, attorneys and others who can help the companies.



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