SGC LLC (SGC) is seeking a buyer for its intellectual property portfolio and know-how which is anchored by the SlurryCarb™ process, a proven thermal hydrolysis technology platform for the conversion of biosolids and other organic wastes into energy and other valuable products.

- Intellectual property includes multiple patents on a global scale, engineering and construction packages for a commercial facility with detailed design and operating data, the value-engineered next generation designs for a “Drop-in,” skid-mounted package easily installed at a customer’s facility.
- Patent position would potentially provide the owner with significant art and priority dates versus current competitors in the market.
- This is an opportunity to capture a competitive advantage with a proven technology for providing equipment and/or solutions into the market.
- SGC is comprised of principals from the predecessor company that invested $200+ million to technically advance SlurryCarb™ and successfully bring it to market.
- The thermal hydrolysis market has only one major industry player which has already created significant value from a fast growing global market.

**SlurryCarb™ Opportunity Overview and Evolution**

- The SlurryCarb™ process is an economical and environmentally-sustainable method to convert organic wastes into beneficial reuse products via a proprietary thermal hydrolysis technology that utilizes heat and pressure.
- SlurryCarb™ converts organic material to a Class A solid with higher energy density and less affinity for water. Improved biosolids dewaterability reduces waste disposal volume and costs by 60%.
- Optional drying to eFuel produces a renewable fuel with a calorific value similar to that of lignite or brown coal and provides net reduction in GHG emissions.
- SlurryCarb™ breaks down and solubilizes cellular material that then can be converted to a methane-rich biogas via anaerobic digestion.
- Current “Drop-in” design is a compact system, which can be mounted on a trailer. Its design was derived from the learnings from technology demonstration which was done at full industrial scale: A full scale 683 tpd SlurryCarb™ process successfully converted 250,000 tons of biosolids to 50,000 tons of eFuel in a commercial facility in Rialto, California, serving municipal customers that included Orange County Sanitation District and Los Angeles County Sanitation District.
- The Drop-in SlurryCarb™ design can handle up to 200 wet tons per day of sludge. It is compact, arrives on one skid, scalable and can be marketed by an equipment rep.
- Intellectual property rights include ten patents awarded or pending in the US plus patents in Europe and eight additional countries. Provisional patents include the simplified Drop-in SlurryCarb™ design and various energy and product value enhancements including biogas.

**Market overview**

**Target markets**

- SlurryCarb™ has primarily been developed to treat biosolids from municipal wastewater treatment. The technology generates significant cost savings by reducing the volumes for biosolids for final disposal by up to 60%, reducing net energy consumption by up to 50%, ensuring environmental compliance, and making a high value beneficial reuse end-products.
- Industrial sludges with a high water content that are difficult to dewater can be treated with SlurryCarb™ prior to dewatering to significantly reduce volumes for final disposal.
- SlurryCarb™ has been applied to treat municipal solid waste and its derivatives, such as refuse-derived fuel (RDF).
- A range of high moisture biomass materials, food wastes, agricultural wastes, manures, and paper mill sludges have been processed by the technology.

**Municipal biosolids market**

- Over 20 million dry tons of biosolids is produced annually in the ten largest global economies, with the US accounting for over seven million dry tons, and Europe and Asia each providing similar quantities. The thermal hydrolysis segment is expected to see a 7.4% CAGR through 2017.
- Thermal hydrolysis processes like SlurryCarb™ coupled with anaerobic digestion have already boosted biogas production in over 50 operational plants globally, a small % of the opportunity.
- SlurryCarb™ converts biosolids into either high quality fertilizer that complies with the most stringent regulations or high energy value renewable fuel that can be used as a substitute for fossil fuels.

**Benefits of SlurryCarb™**

- SlurryCarb™’s final product can meet a customer’s end product goals for beneficial reuse by providing multiple product outlets including a renewable fuel.
- SlurryCarb™ reduces off-site sludge disposal volume by up to 60% through increased methanization and improved dewaterability while meeting stringent regulatory standards. All while reducing capital and operating costs.
- New SlurryCarb™ Drop-in design increases addressable market size to include wastewater treatment plants with capacities > 20 mgd and is a compact, modular equipment/solution offering to the market.
The Intellectual Property Portfolio includes:

- All patents and patent applications (issued and pending) that address systems, methods, and various process enhancements to convert biosolids or organic wastes into high value fuels, energy products and other value added products.

- Process data, engineering drawings, operations and maintenance manuals, research and demonstration data, and design improvements for the Rialto SlurryCarb™ regional biosolids processing and new Drop-in designs.

- US and Canadian SlurryCarb™ trademarks.

- US prospect list for the SlurryCarb™ and marketing data.

Value Propositions for the Prospective Buyer

- Drop-in Solutions with Recurring Revenues
  - Next generation, Drop-in designs allow the systems to be easily integrated into an existing WWTP at a significant capital cost savings.
  - Drop-in SlurryCarb™ design is compact, simple, and scalable. Perfect as an equipment offering or solution.

To view a video describing the Rialto Regional Treatment Plant, type or copy and paste the link below into your browser:

http://www.globalwateradvisors.com/newsinfo-2/slurrycarb-info

Contact
For more information please email slurrycarb.info@globalwateradvisors.com or contact Thierry Noel on +33 615 728719 or tnoel@amanewater.com OR Joe Zuback on +1 805 504 1347 or jzuback@globalwateradvisors.com

DISCLAIMER
This document does not constitute an offer to sell or the solicitation of an offer to buy any securities or assets. This document is qualified in its entirety by the information, including SGC LLC’s confidential Data Room and other materials, to be made available by SGC LLC in their sole discretion to persons/entities meeting certain investment criteria. No representation or warranty, express or implied, is or will be given by SGC LLC or its advisors or their respective directors, officers, partners, employees, agents, representatives or advisers or any other person as to the accuracy, completeness or fairness of this document and no responsibility or liability whatsoever is accepted for the accuracy or sufficiency thereof or for any errors, omissions or misstatement, negligent or otherwise, related thereto, and all such responsibility is disclaimed.