**Multimillion Dollar Order for a Biogas CHP Cogeneration Plant to be installed in Grove City, Ohio. 2G CENERGY was selected to supply 9.4MW Modular Energy Conversion Systems for the largest Waste-to-Energy Recycling Facility in the World.**

**St. Augustine, FL March 28th 2014** - 2G CENERGY Power Systems Technologies Inc., a 2G Energy AG Group Company, announced today that it received a large order with a total amount of nearly 8 Million USD. During the second half of 2013, 2G CENERGY secured several large contracts and the companies' order books are bulging (+54% compared to Jan 2013), significantly strengthening 2G's position in the US market. 2G CENERGY's order books also include a wide range of other new major, midsize and smaller contracts in addition to this remarkably larger project. As of January 2014, 2G CENERGY reached a market share of more than 40%, being the preferred supplier of advanced biogas energy conversion systems and cogeneration technologies for all new biogas plants constructed in North America.

Gemini, a sustainable project design and development company based in Orlando, Florida, has entered into an agreement with the Solid Waste Authority of Central Ohio (SWACO) to build the world's largest waste-to-energy and materials recovery facility of its kind on SWACO property in Grove City, Ohio. The agreement sets the stage for integrating a viably sustainable solution that reduces SWACO's use of landfills and will eventually eliminate the need for their use by replacing them with a state-of-the-art waste management facility. What originally began under the project designation "Cardinal" was later assigned the name "Gemini Synergy Center".

Gemini will build both a waste receiving facility and a waste stream recovery plant including anaerobic digesters, which have been dubbed the 'Center for Resource Recovery and Recycling' or COR3. Both buildings will have a combined area of over 185,000 square feet. The project is divided into Phase 1 and 2. Initially, the plant will be able to process up to 2,000 tons per day (about 30% of the current waste stream), with plans to process the entire waste stream in the future - thus achieving nearly 100 percent recycling of all the waste received. After recyclable materials are recovered, which include metals and plastics, the balance of the organic waste will be preprocessed for use in anaerobic digesters.

The modular 2G® biogas cogeneration system to be installed for Phase 1 is rated 5,550 kWh (5.55 MWh) consisting of three fully integrated 2G® *avus*® series CHP. The cogeneration system comes with ultra-low NOx and CO emissions control technology. Delivery of phase one is expected in late 2014, and phase 2 is following in 2015.

During Phase 1, landfill gas (LFG) from the adjacent SWACO landfill site will be utilized to fuel the 2G® *avus*® cogeneration modules. Enco2 from Germany was commissioned to engineer and construct the 8.4 MW biogas / biomass plant, applying their patented UDR Technology. It will be built by its US contractor partner Manhattan Construction. The groundbreaking ceremony was held in Grove City, Ohio on Thursday, December 12, 2013.

In addition to the waste receiving facility and COR3 project, Team Gemini has signed a lease with SWACO to develop a 343-acre tract of land north of S.R. 665 to create an industrial and research park that will serve as a sustainable business cluster powered by the waste stream located within a Community Reinvestment Area (CRA). An integral benefit for tenants of the sustainable industrial park will include access to recyclable by-products recovered from the waste processing, which can be used to create new products from recycled materials.

*"Historically, we always considered trash something that costs money to get rid of, a cost center,"* said Ronald J. Mills, executive director of SWACO. *"We will be turning trash management from a cost center to a true profit center by extracting the value that is intrinsically contained within that trash stream. This allows us to get closer to our vision of finding a viable alternative to landfilling,"* he adds.

*"Team Gemini set out to develop several clusters of technology in an industrial park setting that are fueled synergistically with renewable energy of different types, from solar to anaerobic digestion, biogas, biomass and others, in order to create synergy within the park so that the industry can share off each other's waste stream,"* said Doug Haughn, one of Team Gemini's founders. *"Team Gemini's approach, however, is unique by bringing all the technology together into one sustainable development park."*

2G CENERGY is also supplying the gas treatment technology package, as well as an advanced combustion management system. The automation and control technology enables the operator to monitor their energy efficiency and lower the environmental impact, reducing CO2 and NOx emissions to low, insignificant levels.

*"This is an important investment for Team Gemini. Their engineers searched the market for the most reliable, proven, and modular CHP cogeneration technology available. They selected the 2G product, and we are very pleased with this decision,...* says Michael Turwitt, President & CEO of 2G CENERGY Power Systems Technologies Inc. *"When you invest millions of dollars in a CHP plant, you don't want to take chances. This order shows again that 2G is a first choice manufacturer and supplier of modular CHP systems in the US, providing the most proven, reliable, and cost-effective solution",...* Michael Turwitt adds.

Extremely successful in Europe for many years, 100% modular CHP systems are becoming increasingly popular in North America. Besides being more efficient, 2G® cogeneration systems with low-emission generation capability are designed and manufactured "connection ready". All plants are fully factory tested and come as complete modules. This allows for extremely fast and cost-effective installation, increases product reliability, and assures trouble-free operations with high up-times.

**About 2G CENERGY Power Systems Technologies Inc.**

**Headquartered in St. Augustine, FL, 2G CENERGY Power Systems Technologies Inc. is a 2G Energy AG group company providing environmentally-friendly and highly efficient CHP cogeneration systems to the North and South American market. 2G's concept of modular combined heat and power plants for decentralized energy production is leading the way. 2G Energy AG is a long-established manufacturing company publically traded on the Frankfurt Stock Exchange. Today 2G is the largest independent manufacturer of combined heat and power (CHP) systems, with manufacturing plants in America (2G Manufacturing Inc.) and Germany. More than 4,000 cogeneration plants are installed and operating. The company's CHP power plants guarantee extreme high energy efficiency, generated from natural gas, biogas, landfill gas, sewage gas, coal mine gas, syngas, hydrogen, and other specialty gaseous fuels. 2G CENERGY provides technologically advanced and clean systems to generate electricity and heat, while reducing CO2 emissions and greenhouse gases. All plants are designed and manufactured "plug & play, connection-ready".**

**More information at: http://www.2g-cenergy.com Contact: Michael J. Turwitt, President & CEO, e-mail: mturwitt@2g-cenergy.com Tel: +1-904-579-3217**

## Introduction to Gemini Synergy Center – Video

http://www.youtube.com/watch?v=rZ69_LGFotY