

# ENVIA Energy Oklahoma City GTL plant ground-breaking

Oklahoma City, OK - May 15, 2015 - ENVIA Energy, LLC today held the ground-breaking ceremony for its first gas-to-liquids (GTL) plant: ENVIA Energy Oklahoma City, LLC, to be located adjacent to Waste Management's East Oak landfill site.

The ground-breaking event featured a keynote address by Scott Thompson, the Executive Director of the Oklahoma Department of Environmental Quality who said, "I'm delighted that this landmark project, the first of its kind, will be located here in Oklahoma City. This project will form an important part of the state's growing green energy economy."

ENVIA Energy has entered into the main contracts for the project, procurement of all major equipment has been completed and fabrication of the Fischer-Tropsch reactors and plant modules are underway. Commercial operation is expected in the first half of 2016.

ENVIA Energy is a Joint Venture between Waste Management, Inc (NYSE:WM), NRG Energy, Inc (NYSE:NRG), Ventech Engineers International LLC, and Velocys plc (LSE:VLS), formed in March 2014 to develop a series of GTL plants in the United States and other select geographies that will produce renewable, ultra-clean fuels and chemicals from a combination of landfill gas and natural gas. Fuels produced by the plant will deliver significant lifecycle greenhouse gas reductions over conventionally-produced fuels.

The ENVIA Energy Oklahoma City project will provide a commercial reference plant for the use of Velocys' technology and Ventech's modularization with a combination of landfill gas/natural gas as feedstock and will deploy a number of Velocys' full scale Fischer-Tropsch reactors. The project will utilize Waste Management's pioneering landfill gas recovery and clean-up techniques and will benefit from NRG Energy's significant experience in energy project development.

This project is expected to create 13 full time jobs and 120-150 on-site positions during construction.

ENVIA Energy has identified candidate sites for possible future plants and is evaluating those and other opportunities utilizing technical and commercial work completed to date as a foundation for future project development.

"We are delighted that so many local dignitaries, project partners and other interested parties could join us to celebrate the progress that this project is making. With four joint venture partners supporting us we have an extremely strong team," said Gary Blankenship, President of ENVIA Energy.

"This event has given us the opportunity to, once again, demonstrate Waste Management's continued commitment to extract value and minimize environmental impact from the biogas managed at its landfills," said Jim Fish, Executive Vice President and CFO of Waste Management.

"It gives me great pleasure to see Ventech's expertise in the modular construction of refineries to be applied to the new area of smaller scale GTL plants and to see the modules for this first plant take shape in our fabrication facility," said Kevin Stanley, Chief Executive Officer of Ventech.

“The ENVIA Energy Oklahoma City GTL plant fits squarely within our vision to deliver projects and products that offer cleaner and smarter energy choices,” said John Ragan, Executive Vice President and Regional President, Gulf Coast, NRG. “Developing greater and more flexible capabilities to leverage biogas, stranded and traditional natural gas reserves and potentially captured carbon dioxide into a source for higher value, clean burning diesel fuels and other products makes sense for Americans looking for greater energy independence and cleaner energy supplies.”

“I predict that in 10 years we will look back at ENVIA Energy’s Oklahoma City project and regard it as one of the first of the new paradigm of distributed production of fuels and chemicals that will have revolutionized the industry,” said Roy Lipski, Chief Executive Officer, Velocys. “This project is a landmark for GTL and its application to landfill gas on a commercial basis.”

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### **Notes to editors**

#### **About ENVIA Energy**

ENVIA Energy LLC is the joint venture between Waste Management, NRG Energy, Ventech Engineers International and Velocys, formed in March 2014 to develop multiple GTL plants in the United States and other select geographies utilizing a combination of renewable biogas (including landfill gas) and natural gas. The first plant it is developing, ENVIA Energy Oklahoma City is adjacent to Waste Management’s East Oak landfill.

[www.enviaenergy.com](http://www.enviaenergy.com)

#### **About Waste Management**

Waste Management, Inc., based in Houston, Texas, is the leading provider of comprehensive waste management services in North America. Through its subsidiaries, the company provides collection, transfer, recycling and resource recovery, and disposal services. It is the largest residential recycler and also a leading developer, operator and owner of landfill gas-to-energy facilities in the United States. The company’s customers include residential, commercial, industrial, and municipal customers throughout North America.

[www.wm.com](http://www.wm.com)

#### **About NRG Energy**

NRG is leading customer-driven change in the U.S. energy industry by delivering cleaner and smarter energy choices, while building on the strength of the nation’s largest and most diverse competitive power portfolio. A Fortune 250 company, we create value through reliable and efficient conventional generation while driving innovation in solar and renewable power, electric vehicle ecosystems, carbon capture technology and customer-centric energy solutions. Our retail electricity providers serve almost 3 million residential and commercial customers throughout the country.

[www.nrgenergy.com](http://www.nrgenergy.com)

#### **About Ventech**

Ventech Engineers International LLC is a global leader in the design and construction of modular refineries, gas processing systems, plant relocations, and specialized fabrications for the chemical, refining, and gas production industries. The corporate office and fabrication complex are located in Pasadena, Texas. Additional offices are located in Ankara, Turkey, Moscow, Russia and Alabang, Philippines.

[www.ventech-eng.com](http://www.ventech-eng.com)

#### **About Velocys**

Velocys is the company at the forefront of smaller scale gas-to-liquids (GTL) that turns natural gas into premium liquid products. Smaller scale GTL adds value to shale gas and makes stranded or flared gas economic - an untapped market of up to 25 million barrels per day. Velocys technology, protected by over 900 patents, is specifically designed for smaller scales, and can be used to unlock gas resources of 15,000 to 150,000 mmbtu per day. Velocys plc is listed on the AIM market of the London Stock Exchange (LSE: VLS). The Company is well capitalized with some \$100 million of cash, and has a multi-disciplinary staff of over 100, with a commercial center in Houston, Texas.

[www.velocys.com](http://www.velocys.com)

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