

PRESS RELEASE

Utah's first anaerobic digester for food waste will produce enough renewable natural gas to power 15,000 homes. DMT Clear Gas Solutions is an integral part of this project by providing the upgrading technology for the biogas.

Approximately one-third of the food produced for human consumption annually gets lost or wasted. The Wasatch Resource Recovery project will become an advanced food waste digestion facility that will process approximately 180,000 tons of food waste per year that will be diverted from landfills. By processing the food waste on this progressive resource recovery site, the life of the local landfills will be extended. Greenhouse gases will be reduced by an equivalent of over 75,000 cars. Not only the methane will be used as natural gas but also part of the CO₂ will be reused to grow algae. The Wasatch Resource Recovery site in North Salt Lake, UT has selected DMT Clear Gas Solution's upgrading technology for their recovery site.

DMT Clear Gas Solutions will provide equipment for pre-treatment technology that will remove the sulfur from the biogas prior to upgrading the biogas (CO₂ removal) technology as well as the final gas upgrading the upgrading will be accomplished by using DMT Carborex[®]MS Technology with high selective membranes that separate the methane (natural gas) from the CO₂. This technology was introduced by DMT in the market about five years ago and has been their most successful product ever since. The high-efficiency technology is now the leading technology for biogas upgrading which is evident by their customers choosing this technology over competing technology.

The DMT Carborex[®]MS system upgrades biogas without the use of complicated technologies or chemicals. The gas is cleaned to RNG (Renewable Natural gas) quality and injected in the nearby local gas grid. "This is an amazing project. Not only because of its size but especially because of its relevance for the industry." Robert Lems, General Manager of DMT Clear Gas Solutions LLC: "We are very proud of this achievement and could not have done it without the close collaborations we had with our partners and of course all our colleagues."

Expectations are that the facility will be fully operational by the third quarter of 2018. American Biogas Council currently ranks Utah 37th out of all United States when it comes to methane production from biogas sources. With this project, Utah's ranking will increase rapidly. Utah offers much potential for biogas sourcing. DMT offers technologies that are a perfect fit for those markets; low footprint, high efficiency and low in energy consumption.



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More information about technologies mentioned in the press release can be found:

www.dmt-cgs.com and here 

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