



Waste2Tricity

Waste2Tricity announces Concept Design Study for advanced waste-to-energy plant

9 April 2013: Waste2Tricity (W2T) is pleased to announce the start of a Concept Design Study for the development of an advanced waste-to-energy plant. Peel Environmental will provide the property solution for the facility, which will convert approximately 100,000 tonnes a year of feedstock – residual household or commercial and industrial waste - to low carbon electricity.

Similar to the Air Products plant on Teesside, which recently started construction, the Project will use Westinghouse plasma assisted gasification from Alter NRG, to convert waste sourced from several suppliers including Energy Gap Ltd. Alter NRG is providing a discounted technology license for the Project in exchange for an option to take a minority investment.

W2T, in conjunction with its engineer AMEC and consultant Foster Wheeler, is also working with partners to draw up plans for the 13.6MW plant, which will produce nearly 109,000 MW hours of low carbon electricity a year - enough to power around 24,000 homes. The Project will utilise internal combustion engines, but W2T expects it to also demonstrate AFC Energy's alkaline fuel cells, as they become commercially available. The equivalent fuel cell plant will export an additional 43% of electricity from the same amount of feedstock.

Peter Jones, Chairman of W2T says, "We expect this to be the first of many similar programmes for the project partners in the UK. The 100,000 tonnes a year model will meet the localism agenda – using locally derived feedstock to supply electricity to local homes and businesses. We believe there is a potential market in the UK for up to 100 units of this size. Once we are able to deploy fuel cells, the output from our plants will increase substantially and be carbon capture ready – holding out the prospect of carbon negative electricity."

Myles Kitcher, Director, Peel Environmental said: "We're pleased to offer Waste2Tricity a property solution and are looking forward to working with them on what is an exciting project for us. As owners of an extensive land portfolio, our technology neutral approach and flexible business model means that we can back

the right technology for the right site. Our strong track record of delivering projects for the waste management sector combined with the proven technology provided by Waste2Tricity puts us in a position to deliver the much needed infrastructure necessary to move waste away from landfill and to provide low carbon heat and electricity.”

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Notes to Editors

About Waste2Tricity

Waste2tricity is a structured solutions provider for the waste to energy sector. Its shareholders include Ervington Investments (UBO Roman Abramovich), Age of Reason Foundation and Eturab, all of whom are substantial shareholders in AFC Energy and/or Alter NRG Westinghouse and represent approx. 30% of each company. For more information, visit Waste2Tricity at www.waste2tricity.com

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Peel Environmental owns, manages and develops properties in the waste, mineral and environmental technology sectors. We are at the forefront of developing new infrastructure and are now developing Resource Recovery Parks - modern, clean and sustainable industrial parks that are focussed on the reprocessing and remanufacturing of waste materials for efficient energy use. Peel Environmental also owns several sand, gravel and hard rock quarries across the north west of England.

Peel Environmental is a division of **The Peel Group**, one of the leading infrastructure, real estate and investment enterprises in the UK. Our diverse network of businesses ranges from ports to airports; land to leisure; media to hotels; wind farms to shopping centres, and a portfolio of investments in major public companies.

For further information about Peel Environmental please contact Amy Hopkinson at PPS Group on 0161 832 2139 or amy.hopkinson@ppsgroup.co.uk