

Press release
17th June 2019

EX MINISTER URGES THE UK TO FOLLOW CHINA IN THEIR AIM TO CREATE A “HYDROGEN SOCIETY”

The Chairman of Waste2Tricity (W2T) and former Government minister, Tim Yeo, is calling for the UK to support innovation and look towards China in realising the power of hydrogen.

In the same week where the International Energy Agency announced hydrogen as the ‘fuel for the future’, China announced it wants to create a ‘hydrogen society’. W2T is now calling on the UK Government to follow China’s lead if they are to reach their 2050 emissions goal.

Chairman of Waste2Tricity, Tim Yeo, says:

“The Government’s ambition to cut greenhouse gas emissions in the UK to almost zero by 2050 is a goal that can only be realised if the UK dramatically rethinks its support of innovative technologies. There must be faster approval of environmentally beneficial technologies, including streamlined land use planning policies and lighter touch regulation. This will encourage innovation and bring forward-thinking businesses to the country.

The UK should also follow China who have realised the potential of Hydrogen fuel. The world’s biggest car market is set to embrace hydrogen fuel-cell vehicle technology. China’s former science-and-technology minister, who’s been called the father of China’s electric-car movement said this week that he wants to “[establish a hydrogen society](#)”. If the UK can follow China’s lead perhaps the country may reach its 2050 target”.

W2T’s vision is to take the world’s problem with unrecyclable plastic and turn it into a solution; aiming to ‘turn off the plastic tap into the ocean’ to ultimately clean it up. The company will soon be transforming unrecyclable plastic into low cost hydrogen road fuel and electricity in the UK.

View the Waste2tricity video explaining how they will soon be tackling unrecyclable plastic here- <http://waste2tricity.com/>

W2T was established in 2008 and is a project developer and operator in the energy-from-plastic sector. In treating plastic as a fuel they aim to limit contamination of the environment whilst creating a clean energy in the form of low cost and low carbon hydrogen as well as generating power for export by private wire or to the grid.

W2T has the exclusive right to use innovative technology that turns waste plastic into hydrogen, which can be used for transport fuel. The process takes all mixed waste plastic in an untreated unsorted contaminated form and requires no sorting or washing. This ground-breaking technology has the potential to not only create a green fuel but to clean up plastic from the world’s oceans. This technology has also exclusively demonstrated small scale conversion of plastic to hydrogen and electricity with zero plastic remaining.

W2T are the exclusive developer in U.K. and South East Asia including Japan and South Korea for the Powerhouse PLC DMG (distributes modular generation) for waste plastic to hydrogen and electricity. W2T aim to monetise plastic via this highly efficient conversion system and enabling the deployed projects to buy in unrecyclable plastic waste in countries, such as Indonesia for \$50 a ton. Therefore, dissuading the disposal of waste plastic in rivers and oceans.

The technology has been developed by Powerhouse Energy PLC (AIM:PHE) DMG® over several years at the University of Chester Energy Centre and W2T is the exclusive developer in the U.K. The company’s first-of-a-kind plastics to hydrogen plant in the UK is proposed at Peel Environmental’s – part of Peel L&P - 54-hectares Protos site near Ellesmere Port in Cheshire.

W2T is currently in extensive discussions with significant financial institutions and high net worth private individuals to fund the First of a Kind plant at Protos which will be invested in the Special Purpose Vehicle Waste2Tricity (Protos) Ltd and this process is proceeding satisfactorily. W2T is raising £1 million pre-IPO with the aim of being a public company towards the end of 2019/beginning of 2020. The next stage of development will focus on switching the technology to allow it to produce hydrogen for use in a distributed hydrogen network as well as syngas production for generating electricity.

The Engineering, Procurement and Construction (EPC) is continuing negotiations and a planning application for the development of the plant at Ellesmere Port is expected to be submitted in June 2019. Subject to planning approval the plant hopes to be operational early next year.

-ENDS-

The Company will keep the market apprised of any future developments relating to the agreement between PowerHouse and Waste2Tricity.

For more information please contact:

becca@sistersmithpr.com / 00447766522305

suzi@sistersmithpr.com / 00447766522306

NOTES TO EDITORS:

About Waste2Tricity

Established in 2008, Waste2Tricity (W2T) has a vision to take our problem with plastic and create a solution. W2T is a project developer and operator in the energy-from-waste sector. In treating plastic as a fuel they believe that they can help limit contamination of our environment whilst creating a clean energy in the form of hydrogen.

Partnering with PowerHouse Energy (AIM PHE), W2T are the exclusive developer in U.K. and South East Asia including Japan and South Korea for the Powerhouse PLC DMG (distributes modular generation) for Waste plastic to hydrogen and electricity. This technology is able to convert unrecyclable plastic into high-grade hydrogen for use as a transport fuel whilst also generating power for export by private wire or to the grid.

Waste2Tricity are currently working with EY London to raise funds. View information about Waste2Tricity's £1,000,000 fund raise here : www.waste2tricity.com

About Powerhouse Energy

PowerHouse Energy has developed a proprietary process technology - DMG® - which can utilise waste plastic, end-of-life-tyres, and other waste streams to efficiently and economically convert them into syngas from which valuable products such as chemical precursors, hydrogen, electricity and other industrial products may be derived. The PowerHouse technology is one of the world's first proven, modular, hydrogen from waste (HfW) process.

The PowerHouse DMG® process can generate in excess of 1 tonne of road-fuel quality H2, and more than 58MW/h of exportable electricity per day. The PowerHouse process produces low levels of safe residues and requires a small operating footprint, making it suitable for deployment at enterprise and community level.

PowerHouse is quoted on the London Stock Exchange's AIM Market under the ticker: PHE and is incorporated in the United Kingdom.

www.powerhouseenergy.net