



Recovering Energy from Waste without Landfilling or Incineration

Ze-gen showcases new gasification technology at EBW UK 2011

London/Boston, 03-Nov-2010 - Ze-gen, Inc., a US-based firm with plans to build their second commercial scale plant in the UK, has an answer to the problem of the economic viability of waste gasification. With its liquid metal gasification technology, Ze-gen can reliably produce tar-free synthesis gas from selected waste materials, including construction and demolition (C&D) wood waste. The company will exhibit at the "energy from biomass and waste" (EBW UK) on January 25 to 26, 2011 in London.

In the UK, 120 million tonnes of construction, demolition and excavation waste arise every year. This is around one third of the country's total waste arisings. Too much of the rubbish currently ends up on landfills which are a significant source of environmental damage. Once the discarded materials are in the ground they break down to form methane and carbon dioxide, two potent greenhouse gases.

Gasification of waste materials is not a new idea and so far commercial viability remained elusive. Ze-gen's approach to the technology is different in that its liquid metal gasifier results in extremely low thermal losses while ensuring tar-free synthesis gas (syngas). Syngas can be used to produce power, heat or liquid fuels.

"Ze-gen's liquid metal gasification process has the potential to reduce the landfilling of valuable waste in the UK while simultaneously generating renewable energy", comments Bill Davis, Founder and CEO of Boston, Massachusetts-based Ze-gen, Inc. "We look forward to sharing our approach at the EBW UK conference."

With his talk on "The Truth about Waste Gasification" Bill Davis will be the keynote speaker in the "Thermal Treatment" session at the EBW UK conference on January 25, 2011, 11:30-13:00 at the Royal Horticultural Halls & Conference Centre in London.

Online registration and programme details are available on: <http://www.ebw-uk.com>

EBW UK is held for the second time on January 25-26, 2011. The mission of this international exhibition and conference is to bring all relevant stakeholders together to work towards solutions for sustainable wastes management, landfill diversion and clean energy generation. EBW UK is organised by Freesen & Partner GmbH, a consulting and event management firm specialised in the field of renewables and recycling.

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