News release

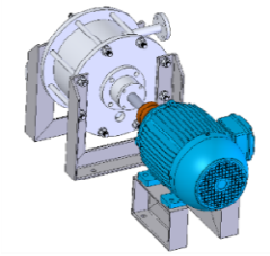
Anlarop inspires a green world with the Organic Cavitator

30 May, 2014

Anlarop has acquired equity interest in the W2E Technologies Corp. The company focuses on a completely innovative waste-to-energy technology named Organic Cavitator, dedicated to municipal waste and any kind of organic waste which will aid minimizing the evergrowing decline of the planet earth through toxic amounts of refuse as well as being a valuable energy source for the future.

Developed in Europe, the innovative technology is fundamental in relieving the world from the environmental stress it´s having to suffer at our hands. An additional beneficial element is a generous reduction of energy costs as the device will supply the required power. In comparison to other technologies in this field it has a efficiency increase of up to 85-90% for PET Plastics and waste oils, functioning at far lower temperatures and by combining two processes for de-polymerization (molecular decomposition: thermal and mechanical) to convert the molecular structure of the organic waste into fuels. At the company´s research base the invention is currently being remodelled for industrial scale operation.

Human waste production has multiplied tenfold in the last century. It is estimated that globally 4.5 to 6 billion tons of waste are produced yearly. According to the coolsweep D *1.2 Global analysis of the Waste-to-Energy field* report, funded by the European Union, emerging low income countries produce vast amounts of organic waste. They produce 64% organic waste in comparison to high income countries with 28 %, making the OC highly relevant for them. In addition to that the numbers reveal that for example East Asia & Pacific currently produce nearly 300 million tons of urban municipal waste, with an expected rise to nearly **700 million tons by 2020** in comparison to all OECD Countries combined with an expected rise of only roughly 50 million tons. By implementing OC plants the waste-challenged countries would no longer have to rely on oil-rich countries, but can produce fuel from their own waste sources, as well as clearing the country from toxic refuse stored in landfills.



The current market reveals that most implemented W2E forms are Incineration, Gasification, Pyrolysis and Anaerobic Digestion, which have obstacles varying from high capital costs, to releasing large quantities of gas that are gained through processing or being unsuitable for mixed municipal waste compositions with a lot of organic waste. Prior to Cavitation the Organic Cavitator uses a state of the art separation equipment to divide all metals, sand, glass and all non-organic materials that can't be processed, and a shredding machine. Following this step hydrodynamic supercavitation is applied to decompose the waste components (e.g. organic, plastic, paper) into fuels. Hereby the molecular chains are split up at an extremely high speed. No emissions are released from the reactor itself, making it a highly valuable technology in light of current pollution challenges. The reactor only requires 10 % of the total energy amount to function on a high performance scale, producing fuel effectively.

Therefore we can conclude that the Organic Cavitator is not only a giant step towards restoring our health, our environment but is also financially profitable. So making the conversion to renewable energy is herewith an advantageous option for everyone.
By implementing Organic Cavitator reactors for a future reliable energy source, we are being part of a brighter, greener and sustainable future.

The addition will strengthen Anlarop´s growing platform for renewable energies & environment, which includes the European Clean Air Center at Vienna University.

http://www.anlarop.com/anlarop/corporate-news

For more information you will find a whitepaper on the Organic Cavitator attached. I will be glad to answer your questions here:

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