



WPPENERGY
World Power Production

DISRUPTIVE ENVIRONMENTAL TECHNOLOGIES

Established in 2009, WPP ENERGY is a Swiss Company that over the last ten years has established itself as a repository for disruptive energy and environmental technologies.

WPP ENERGY AT A GLANCE

WPP has executed 25 year global exclusive licenses that represent patented disruptive technologies in the conversion of water to hydrogen for clean renewable electricity production and a patented solution to the Global Waste Management Problem converting all types of wastes to green renewable electricity.

WPP has numerous alliances in place around the world with major equipment producers, power plant manufacturers/ OEM's, engineering firms and more than 2 dozen authorized WPP distributors globally, now serving over 50 countries.

INTRODUCTION TO WPP ENERGY

WPP ENERGY is a Swiss Company that over the last ten years has established itself as a repository for disruptive energy and environmental technologies through exclusive global licenses. WPP seeks to exclusively license, develop and own technologies to create green renewable electricity and convert waste to green energy. WPP has also spent the last ten years developing alliances with world class manufacturers of equipment, EPC contractors, project development teams and government agencies throughout the world. WPP intends to utilize these relationships to build and in some cases own and operate electricity producing facilities using hydrogen or waste as its fuel source.

The WPP team is well recognized around the globe as having extensive technical expertise and business success in mergers, acquisitions, joint ventures and licensing proprietary technologies.

WPP'S DISRUPTIVE GREEN SOLUTIONS: W2H2 & VORAX.

WHAT IS W2H2?

W2H2 is based on an advanced proprietary scientific method which includes the invention of a 4-stage hydrogen generation system that produces hydrogen gas from fresh water (including river/lake water & desalinated seawater).

W2H2 uses these **4 technological instruments** in the following order:

1. Neodymium Magnet **2.** Radio Frequency Transmitter **3.** Laser Quantum Processor and **4.** Thermoplasma Injector Unit. The reactions in the first two stages using the magnet and the radio transmitter intentionally reinforce each other to cause the covalent bonds of the water molecules to be in a state of pre-collapse; after which, these unstable molecules are sent to the laser quantum processor and thermoplasma injector stages where the hydrogen atoms are split from their corresponding oxygen atoms and are finally synthesized as hydrogen gas respectively.

As all 4 stages occur in rapid succession, their combined effects to dissociate the water molecules into their element constituents of hydrogen and oxygen atoms require much less energy than electrolysis. Using Electrolysis only between 20-25kg of hydrogen can be produced for every 1MWh of electrical energy consumption. The economics

do not work when considering 20kg–80kg per 1MWh of hydrogen is needed for power generation applications. Now compare Electrolysis to W2H2 which produces over 300kg of H2 per MWh of electrical energy consumption. **W2H2** can produce greater volumes of hydrogen when compared to electrolysis resulting in the production of low cost energy, namely hydrogen gas at approximately \$0.40 per kg. Since the hydrogen gas is produced on demand, storage of the gas is not required and, as a result, the cost and safety risks associated with storing of hydrogen gas are avoided.

With WPP's **W2H2** disruptive energy technology solution will solve many energy and environmental problems around the world working toward a zerocarbon footprint. **W2H2** will eliminate fossil fuel electricity generation in every fossil fuel based power plant and generator we convert to hydrogen.

WPP will convert polluting power producers into efficient low–cost green energy producers. WPP's business plan includes converting to clean **W2H2** energy (water as the main input to produce mass amounts of hydrogen gas onsite) as many as possible of the world's 20,000+ polluting Coal, Oil, Natural Gas and Gasoline Power Plants and countless Diesel Generators around the world. **W2H2** will greatly reduce the largest operating cost of a power plant or generator, namely fuel, and increasing Power Plant efficiency by using Hydrogen gas which has a much higher caloric output than fossil fuels, while increasing environmental benefits through a near zero carbon footprint.

Many of the target power plants are shut down or on the list to be shut down because of EPA no longer allowing fossil fuels to be used as the source for generating electricity.

The **W2H2** product line up includes a MAX version for thermoelectric conversion applications and a MINI for diesel generator conversion applications.



While **W2H2** is still under development it has been successfully tested with diesel generators to date and WPP is now seeking pilot projects and early adopter clients.

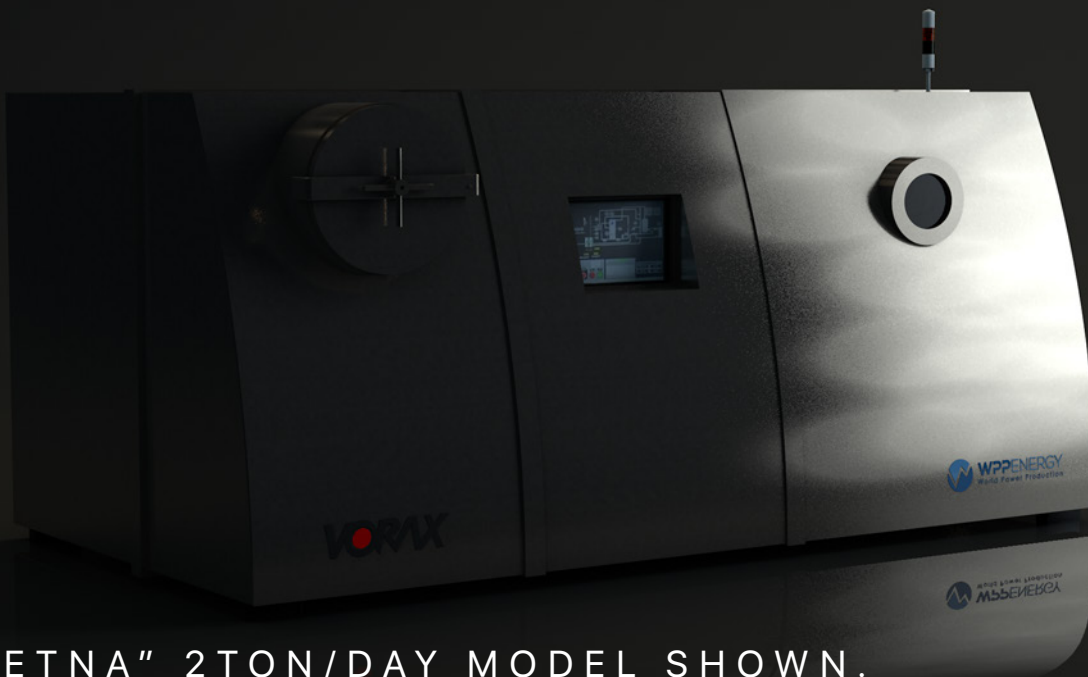
WHAT IS VORAX?

VORAX is a scientific breakthrough in the treatment of nearly all types of Waste such as MSW/Urban, Medical/Hazardous, Plastics, Industrial, Pasty/Sludge, Liquid, Tires. There are 12 different models of Vorax which have capacities ranging from 2 Tons of Waste per day to our largest model which can treat 400 Tons of Waste per day, solving the global landfill problem. Models from 22T/day and up also have steam power generation packages available to create electricity, demonstrating **VORAX**'s Waste to Energy capability.

VORAX is in a technological classification of its own after more than 10 years of R&D from a brilliant team of scientists and in the invention of DuoTherm technology which puts **VORAX** ahead of plasma, Incineration, Gasification and also traditional pyrolysis. **VORAX** is thought of as a quantum leap over traditional Pyrolysis in part because two thermal processes, one at 900 °C and the other at 1600 °C, forming a thermal gradient, liquifying all solids completely, even inert materials such as sand or iron.

VORAX completely destroys the garbage effectively and safely, without combustion or an auxiliary equipment. **VORAX** requires no combustion of waste and disintegrates as a whole, completely destroying infectious, pathological and organochlorined materials.

The technology is patented in over 40 countries and is now available for distribution globally by WPP Energy after initially being deployed in Brazil.



"ETNA" 2TON/DAY MODEL SHOWN.

A REVOLUTIONARY ENVIRONMENTAL WASTE TREATMENT TECHNOLOGY

All Vorax models come with a complete warranty and service. Please inquire for details.



WPPENERGY
World Power Production

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