

# Press Release

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## PROCESS: **Climagination™** Suite of Renewable Energy Technologies

**WaterSmart Environmental, Inc.** announces the introduction of its **Climagination™** suite of renewable energy technologies. All of the technologies comply 100% with Kyoto Protocol in that there are never any greenhouse gas (GHG) emissions to the environment. The technology suite represents a quantum jump improvement over General Electric's much publicized **ecomagination®** technologies that reduce, but do not eliminate, GHG emissions. These several renewable energy technologies consist of:

1. **Animal Production Wastes-To-Renewable Energy**
2. **Animal Processing Wastes-To-Renewable Energy**
3. **Biodiesel Processing Wastes-To-Renewable Energy**
4. **Food Production Wastes-To-Renewable Energy**
5. **Food Processing Wastes-To-Renewable Energy**
6. **Fossil Fueled Power Plant Conversions to Renewable Energy**
7. **Landfill Wastes-To-Renewable Energy**
8. **Medical Wastes-To-Renewable Energy**
9. **Municipal Solid Wastes-To-Renewable Energy**
10. **Oil Sands Revitalization Wastes-To-Renewable energy**
11. **Palm Oil Mill Wastes-To-Renewable Energy**
12. **Pulp & Paper Mill Wastes-To-Renewable Energy**
13. **Self-Biofueled Locomotives That Exhibit Zero GHG**
14. **Self-Biofueled Ships That Exhibit Zero GHG**
15. **Sugar Cane Mill Wastes-To-Renewable Energy**
16. **Tidal Generators That Produce Renewable Energy**

The **Climagination™** suite of technologies also eliminates the requirement of landfill disposal since all byproducts (a euphemism for waste products) are internally recycled to produce additional co-products. Cities that take advantage of this technology become zero-waste-to-landfill communities that help reverse global warming.

**Climate Change** is very much in the news these days as the dangers of continuing global warming become more evident throughout the world. Just last week the second C40 Large Cities Climate Summit began on Monday in New York. The Empire State Building, the tallest one in the host city, was lit green from dusk to dawn to mark the commencement of the world event. Leaders of more than 40 large cities all over the world, along with CEOs from a number of international companies, joined the four-day conference to address the role large cities must play in reversing or reducing the impact of global warming. The **Climagination™** suite of

technologies can be implemented at each of these 40 large cities, as well as all other cities and animal feed lots throughout the world to help reverse global warming.

Many of these technologies can be integrated at a single project site. For example, technology suite numbers 1,2,3,4,5,7,8,and 9 will be integrated at the Middle Cordoba Province Waste-To-Renewable Energy project site in Argentina. The project will engage in agricultural food production and processing as well as biofuel production and processing activities. The integration of these several technologies always maximizes project profit potential.

**WaterSmart Environmental, Inc.** is marketing its Kyoto Protocol compliant wastes-to-energy technology on an economic development platform to concentrated animal feeding operators and to municipalities. Animal farmers benefit by purchasing biodiesel, electricity, and natural gas (methane) at a 20% discount from retail. Municipalities also benefit by making biodiesel, electricity, natural gas, and potable water available to its citizens and businesses at a 20% discount from existing prices. The technology is marketed on a build-own-operate basis thereby eliminating the necessity for local sales and property tax increases since project financing is entirely secured from the financial marketplace. Municipalities that embrace the waste-to-energy technology automatically become zero waste-to-landfill communities. The waste-to-renewable energy technology has been slowly developed over the last 10 years. It is just now being introduced to the international marketplace. The technology has the clear potential for making every single city throughout the world energy and fuels independent while reducing oil and natural gas imports. The technology will also permit every single city throughout the world to improve water and wastewater treatment infrastructure while creating jobs and investment opportunities. The waste-to-energy technology can also be applied to Sugar Cane Mills as well as Pulp & Paper Mills with equal success. Both types of mills become energy, food, fuels, and water independent while significantly increasing profits from routine operations. In the case of Sugar Cane Mills temporary and seasonal jobs turn into full time better paying jobs.

**WaterSmart Environmental, Inc.** is a provider of waste-to-energy, food independence, water independence, and energy independence technologies and a manufacturer of highly engineered water purification components and systems. The company designs and builds a wide variety of water treatment equipment including packaged water and wastewater treatment plants, UltraPac™ aerobic package plants, OAT™ Process anaerobic digesters with associated energy production, aerators, filters, PuriSep™ and SmartWater™ oil/water and solids/liquids separators, RainDrain™ perimeter trench sand filters for stormwater runoff, dissolved air flotation separators, air strippers, complete skid assembled aqueous waste treatment plants, FilterFresh™ skid mounted potable water production plants, skid mounted wastewater treatment systems for laundromats, commercial laundries, and car/truck wash facilities with water reclamation and reuse, softeners, demineralizers, activated carbon treatment equipment, and water purifiers for domestic and international markets.

*Specialists in Water and Wastewater Treatment Featuring  
Next Generation Wastes-To-Renewable Energy Technologies*

