



GO GREEN



Unmatched Innovation & Function

Introducing the

REGREEN MACHINES





- Complete System
 - We can manage waste to meet your needs
- Modular System
 - Mix and match to accommodate your goals
- Patented Components deliver unique benefits
 - Shredder blade array creates effective size control
 - Continuous heat cooker processes in minutes
- KISS Design for simple training, maintenance

The Regreen Machine



Large Generator Compliance with AB 1826

The only machine in the world that can convert any type of organic waste into useful products in minutes and eliminate all harmful bacteria and odor. The Regreen Machine is our commercial-sized unit that can process up to 2-tons per-hour to meet the needs of cruise ships, amusement parks, hotels, restaurants and food-courts: virtually any commercial enterprise where food waste is generated!



Regreen designed for LA County Challenges

- LA County faces many challenges
 - Full implementation of AB 1826 by 2020
 - Puente Hills MRF Utilization
- Partnering to meet WM challenges
 - Scalable system – Not “one size fits all”
 - Components will fit inside existing processes
 - Outreach and Education
 - Needs Analysis Assistance



Fully Scalable and Designed to Last



The 5-ton per-hour Organics Recycling Processor (shown left) can be sized to an under-counter configuration for customers with less material and limited space. Size-up to process as much as 42 tons per-hour.



Low RPMs, fully adjustable speeds and temperatures, and quality materials & construction create machines that last. Our shredders (shown left) operate at only 1200 to 1500 RPM!

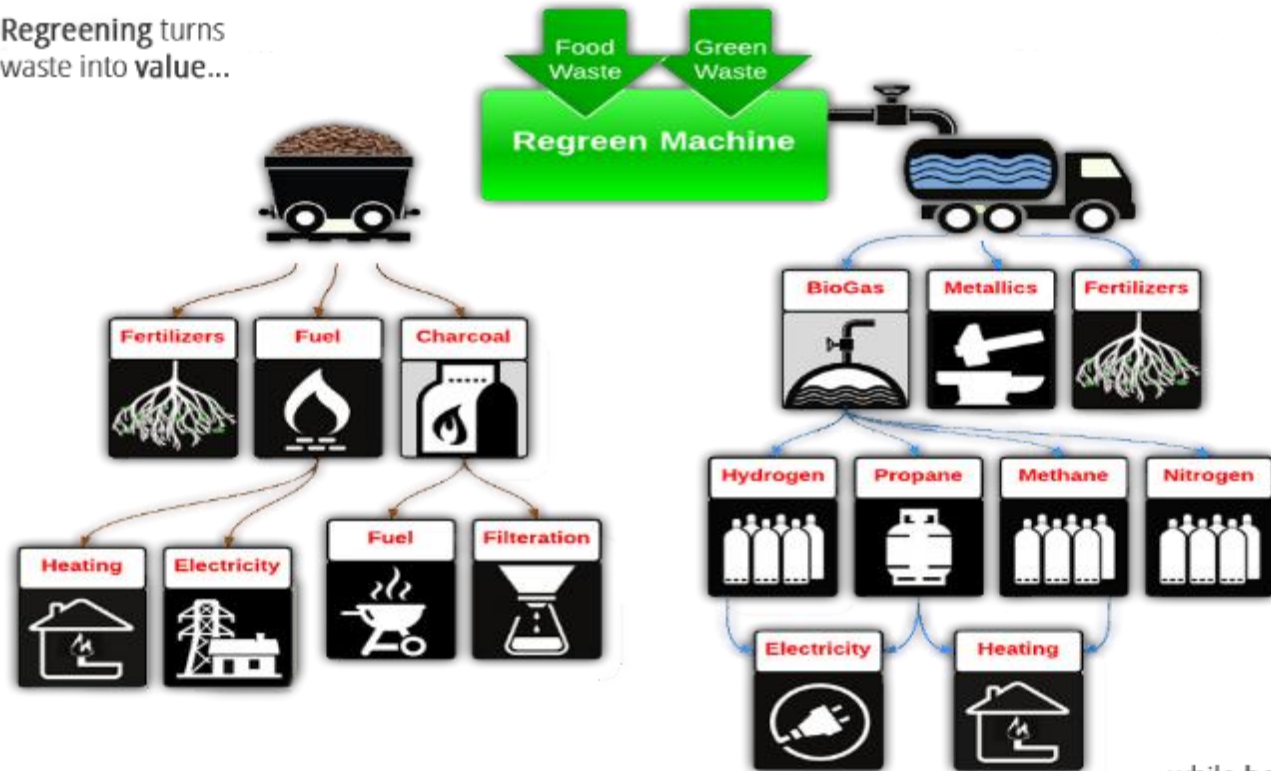
Proven Efficiencies, Cost Effective Results

- Tried and proven
 - 30-year use with fish waste
 - 4 years with organic waste from MSW
- Amazingly fast and easy to see positive impact
 - Our technical team gets you installed and trained
 - Our finance team finds ways to fit your budget
- Net Cost Partnering for Public Agencies



What is Your Cost Challenge?

Regreening turns waste into value...



Patent Pending

while helping cities eliminate landfills!

Case Studies– LA County

- Compliance planning AB 1826
 - Can assist with outreach and needs assessment
 - Can address needs of businesses with 8 cyd of weekly organic waste in the short term
- Longer term, large scale projects
 - 100% diversion of organics at Puente Hills MRF with liquid fraction boosting AD system biogas production at Joint Water Pollution Control Plant



The Regreen Machine

Commercial Organic Waste Recycler

Applications up to 2 tons per hour



From This



*To This
In Minutes*



The **Regreen** way to eliminate waste!

- Commercial kitchens
- Grocery Stores
- Naval ships
- Vegetable Markets
- Cruise lines
- Distribution Centers
- Food Courts in Malls
- Hospitals

Processes Food Waste and all Organics

Continuously produces odor and bacteria free material at rate of 1-2 Tons Per-Hour.

De-waters and dries material, eliminating 65% of weight and 85% of volume.

**Easily Refine to Pellets or Powder,
Fertilizer, Feed or Fuel.**



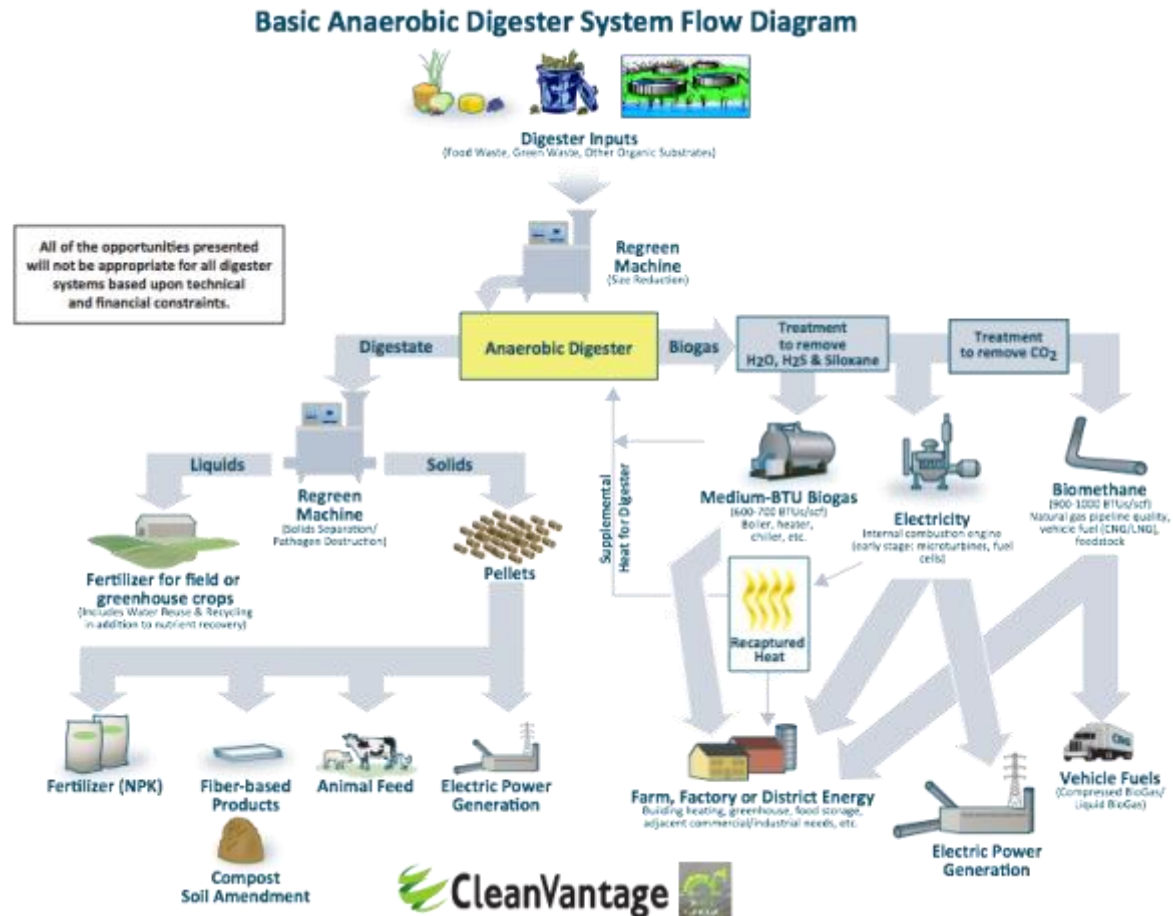


- Professional Needs Assessment
 - Everyone's needs are different and unique
 - Informed assessments save time and resources
- Technical Team Creates Regreen Options
 - PhD and R&D assets
 - Engineering expertise
- Financial Alternatives to fit your constraints
 - Net cost, Zero cost options

Stand Alone or Integrate?

Our Machines Make Any System Better

Shown below is the integration of our equipment with the CleanVantage anaerobic digester. **Regreen Machines** shred and homogenize to substantially improve biogas production. Another **Regreen Machine** then quickly converts used digestate material into marketable products.





Regreen Organic Waste Recycling Processor

Models from 5 to 42 Tons Per Hour

Gas Usage – 58 Nm³ per metric ton

Electricity Usage – minimal – average only \$27 per-day US for 120 TPD operation.

Footprint – 300 square fee (RGT 5) to 1,000 square fee (RGT 42)

Hopper – Built to Suit. Up to 20 tons holding capacity – metered feed.

Shredder – Sized from Model 25 to 80 depending up processing needs

Evaporation Rate – 15% of organic material weight



Machines with a 30-year track record in the fish processing industry, redesigned to process all types of organic waste in minutes. Four (4) years of trouble free operation in Europe. Producing odor free, harmful bacteria free, and nutrient rich solids and liquids at a continuous rate of 5 to 42 tons per-hour (depending upon model selected).

Organic waste travels through the “cooker” where dry steam never touches the material, yet our proprietary bellows system encapsulates and controls the steam to cook all material at a constant 150 degrees. Next step is the “press” which removes liquids, then our dryer uses encapsulated steam to again maintain temperature to bring solid material to a 0% to 10% moisture level. 10% moisture recommended for pelletizing. Pelletizing not necessary for fertilizers and soil amendments.



We have the solution to your waste problem

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