

Dotan-Lysis

Raising anaerobic digestion to the next level

Dotan-lysis intro

We are in field of bio-methane production and energy efficiency.

Our technology reduces Anaerobic Digestion plant operating costs 15% - 20% by improving digestion efficiency and reducing biosolid quantity. As a result we

- Improve biogas production by 15%-50%
- Reduce residual solids quantity by 8% - 30%
- Reduce disposal cost of remaining solids

The company's key competitive advantage is its ability to dramatically alter organic feedstock at high volumes with very low energy inputs of <1 watts per litre. Traditional biological, chemical and physical treatment technologies all suffer from one or more of the following limitations; high capital costs, high operating costs, large footprint, environmental risk and/or limited effectiveness.

Our patented electro-lysis treatment system uses precisely managed electrical pulses to rupture organic cells and break down liquid waste faster and more efficiently than traditional methods.

There is no single competing technology that can match our flexibility and efficiency.



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