THIS WATER CAME FROM MANURE

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Biohacking Biosolids
Livestock animals produce 335 million tons of manure annually in the U.S.
A 2,500 cow dairy will spend $700,000+ getting manure from the cow to the field.

Source: Hoards Dairyman
LWR creates value for the food production industry by reducing the expense and environmental impact of waste liquids.

*PATENTED TECHNOLOGY*
RESULTS:

1. ↓ Manure expenses
2. ↑ Productivity
3. ↑ Corn yields 3-5 tons/acre
4. ↑ Haylage yields 1 ton/acre
5. ↑ Cow health

Installed the LWR System in 2015
• Original cost: $548,264 annually
• Installed LWR System in 2015
• Doubled herd size
• Increased crop yields worth $153,000
• Now saves $168,000 a year on manure
Manure contains all 13 of the essential nutrients that are used by plants.
• First, we biohacked manure
• Then we re-branded manure as fertilizer
• Now we must establish manure as a vital part of the circular economy
Dairy Digester Co-Benefits: Protecting the Climate While Cleaning the Air

Dairy digesters represent not only a proven source of significant GHG reduction, but also provide tremendous air quality benefits (reduction of NOx) through the replacement of diesel in heavy-duty freight with clean renewable natural gas.

Renewable Natural Gas (RNG) produced from dairy biogas is considered a negative-carbon transportation fuel that is 10 X More Efficient at Reducing GHGs than even Electric Vehicles.

Each year, 1 Cow can produce 100 Gallons of fuel (Diesel Gallon Equivalents, or DGE) which will soon enable the annual production of 50 Million Gallons (DGE), which will provide 1,100 tons of NOx Reduction.

Roughly 500,000 Cows will soon enable the annual production of 50 Million Gallons (DGE), which will provide 1,100 tons of NOx Reduction.
...analog manure is so last year!
When we talk about manure, we say things like:

- Soil regenerative nutrients
- Renewable natural gas
- Organic carbon
- Fertilizer
- Manure
There is no such thing as a waste, only a resource out of place.

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