



Carbonic LLC, Woodbury, MN 2022 Investor Deck

Pig Manure to Plastic

Lyno Sullivan, Founder

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CAR-1249 Deck Investor 10 Slides in 30 Minutes

My name is Lyno Sullivan. I founded Carbonic LLC under Minnesota Statute 322C on February 18, 2020, at Noon. This current 2022 Investor Deck explains the status of the Carbonic LLC “Pig Manure to Plastic” campaign, which is underway at this time. I have been studying carbon gasification off and on for 30 years. I began considering coal gasification as a replacement for foreign oil during the 1990 Gulf War. Coal gasification provided fuel to Germany during the Second World War and South Africa during the South Africa Oil Embargo which began in the early 1970s. The modern Plastics Industry boom got its start during and after the Second World War, when the consumer plastics industry began.

The Carbonic goal of creating Plastic World™ begins with the obvious need to create the “Pig Manure to Plastic” campaign. This serves as an example of new ways to limit the amount of waste carbon atoms being put into the atmosphere and oceans, and spread upon the land.

What's the Problem?

Manure

Pig manure stinks
Manure is a pollutant
Manure lagoons are risky
Manure on fields is risky

Methane

Pigs produce methane
Methane is a bad pollutant
Methane adds to global warming
Methane is released into the air

What's The Problem that we need to solve. We will propose our technology solution but first must tackle our current campaign goal "Pig Manure to Plastic". Regarding pig production, there are two main problems to solve. #1 Manure and #2 Methane.

Pigs produce MANURE. Six U.S. tons of manure per day from a twelve hundred (1,200) pig herd used to be stored in a manure lagoon and spread on fields. Once the manure is processed into HDPE plastic, the problems disappear.

Pigs produce METHANE which is a bad pollutant when released into the atmosphere. It is considered to be a greenhouse gas which means that methane contributes to global warming. As a side note, pigs produces a fraction of the methane of beef and dairy cattle. After Minnesota and Iowa Pigs, Carbonic LLC will be going into Nebraska and Kansas for cattle manure. In Wisconsin we will be going after Dairy Cattle manure.



Carbonic LLC Solution is Better

Sensible solutions **sink**
carbon **AND** allow carbon
recovery

Plastic is a carbon sink
Plastic is a carbon source
Plastic is an energy source

Solve Methane Problems
Reduces Global Warming
Recover Sequestered Carbon
Plastic World™ is Real
Reduce Greenhouse Gas Emissions

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The Carbonic LLC solution is better because it is sensible. The beauty of HDPE plastic are many fold. HDPE holds carbon atoms in what is called a “carbon sink”. A “carbon sink” becomes a place where carbon atoms are stored and sequestered. The internet is filled with deceptive definitions of a “carbon sink” and “sequestration”. The definitions both exclude the fact that a true carbon sink is the place to go for recyclable HDPE.

Plastic is a carbon sink able to recover sunk and sequestered carbon. No mention is made of using plastic to solve what to do to prevent methane emissions. Sequestering carbon in plastic reduces greenhouse gas production.

Once polyethylene and HDPE plastic from renewable resources like pig manure, we will build “Plastic World”. It will change the course of civilization in a more sensible direction that our government can seem to muster.

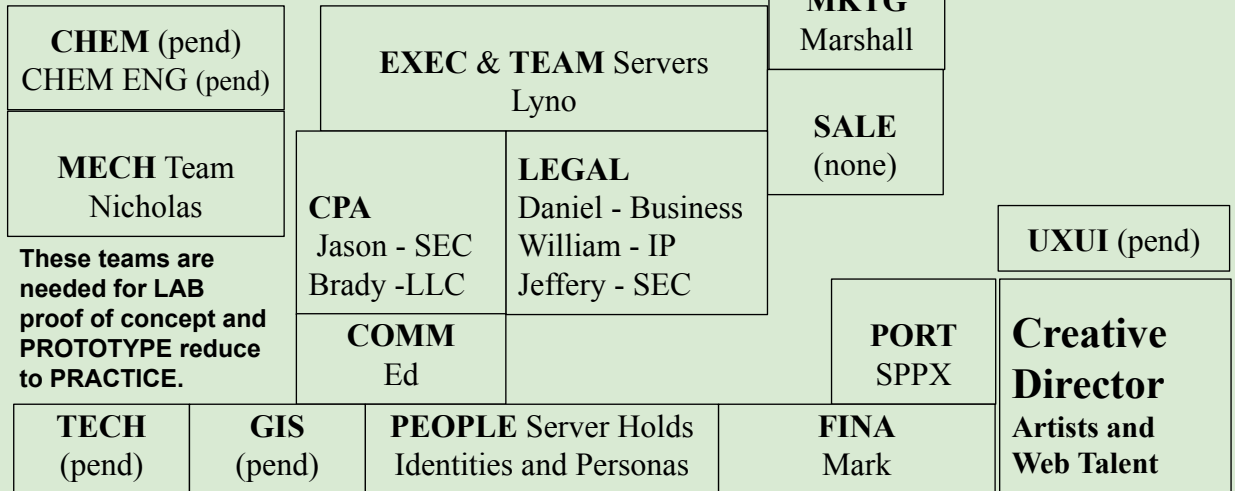
Meet the Teams

Jan 2022

Carbonic LLC



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What are each team's purposes and who is on the teams? On any given day the team composition varies. People join the team and practice their art, meaning the best they can do on a sprint. They finish their work and depart. Should something serious break they may be invited back. In any case, the broken task ends up on the backlog. Another expert may pick the task up to finish it on sprint. At Carbonic LLC we say "put your critical needs before work needs, not the other way round.

Finding talent is time consuming. For Carbonic The PEOPLE database is grows daily. The big picture process is simple to understand. Experts find tasks to their liking and skill set. Some experts agree to provide the required services. The experts provide their service per their agreement. Some drop away over time. Some stay as interns and later become vested. Vesting is based on various performance factors. Meanwhile, the number of subdomain hosts keeps growing, naturally. This means more teams are added which means more Team Members are necessary.

Carbonic LLC offers two major pathways. The first way is to find paid 1099 consulting gigs. The second way is to become an Intern aiming for

80 hours of timely expert services of either a fixed price or hourly rate. Once the 80 hours is attained the Intern may be accepted into the team whence they are voted upon and invited to join the team.

Distributions of Reward Incentive Units (IU) may be given to the team as a way of fairly dividing team Rewards. to the team may receive cash distributions. Members of the team decide on each member's share of distributions.

Distributions of Award Incentive Units (IU) to the individuals may receive third parity distributions for pre-approved education expenses and other purposes decided by the Board of Governors.

Layer 1 Servers

Carbonic LLC

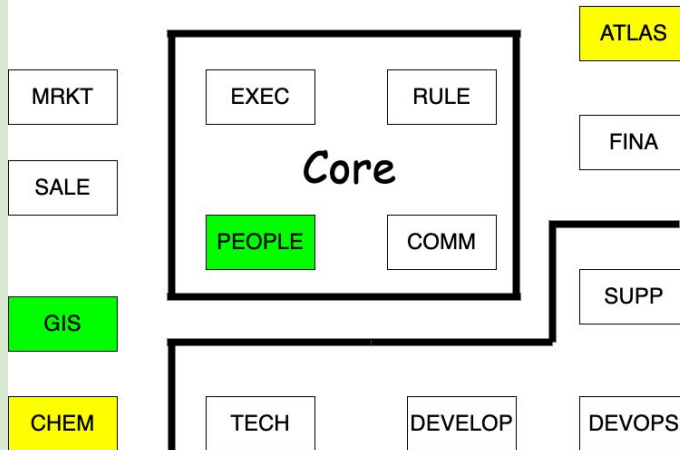


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Carbonic LLC Layer 1 EXECUTIVE

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Domain
carbonic.live



Layer 1 Executive

ATLAS Navigator CAR-1201
EXEC Executive Team CAR-1202E
TEAM Project Team CAR-1202T
RULE Book of Rules CAR-1203
TECH Technology Team CAR-1204
FINA Finance Team CAR-1205
MRKT Marketing Team CAR-1206
SALE Sales Team CAR-1207
SUPP Support Team CAR-1208
GIS Geography Team CAR-1209
CHEM Chemistry Team CAR-1210
PEOPLE People Team CAR-1211
COMM Communication Team CAR-1212

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The Executive Layer 1 contains teams and their associated subdomain servers.

Each subdomain server has an associated team that owns that server. That team builds and maintains their server. Each team decides who gets register with what privileges on their server. The domain server upper right green labeled carbonic.live. The domain server has associated subdomain servers. For example <https://ATLAS.carbonic.live> is where a new user goes to get an organized list of the layers, teams, servers, and media directories. They also get to use features of the NAV Navigator to assist their navigation needs.

Each server has a specific purpose and an associated database and API. The API is made accessible by authorized other Carbonic subdomain servers. The Core servers PEOPLE, EXEC, RULE and COMM servers provide tightly secured functions available to people filling roles. MRKT Marketing, SALE Sales, and FINA Finance services are available. The TECH Technology, DEVELOP Development and DEVOPS and SUPP Support workflow services.

Please pay attention to the box on the right side of the slide. In particular, notice the server name, purpose of server, and TOPIC ID numbers. From ATLAS at CAR-1201 to COMM-1212 these numbers partition data, content, and information into TOPIC ID collections of media in various forms,



Will Farmers Want to Produce Plastic?

- No manure on fields or in **lagoons**
- Use ammonia and ash byproducts for **fertilizer**
- Receive **income** stream from plastic sales
- Farm can produce **electricity**, propane, & chemicals
- Farmers can make better use of their **land**

Farmers



Will People Want to Consume Plastic?

- Plastic flakes, bricks, lumber, and **construction** materials
- Plastic pellets for 3D printing **buildings**, barns, and **art**
- Plastic as a carbon **sequestration** means
- Plastic **playground** equipment
- Carbon sequestration returns **social** and **shareholder** value

**Plastic
World™**

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In a Plastic Market **Economy** general questions arise.

- 1) will farmers want to produce plastic?
- 2) will people want to consumer plastic?
- 3) in a free market economy price is set where supply equals demand
- 4) in an unsubsidized fixed price economy supply and demand stabilizes
- 5) when farmers produce and sell HDPE, then a Plastic World™ build begins

Let's discuss a few new topics. #1 Farmers can receive an income stream from HDPE sales #2 Farmers can produce and use or sell electricity, propane & chemicals #3 Production at the farm decentralizes the chemical industry down to the scale of a farm #4 plastic can be in the form of flakes, pellets bricks, lumber, plywood, and many other building materials. Pellets of varying sizes allow 3D printing of houses, buildings, art. Producing safe and secure **housing** means we can provide for the **street people**, **homeless**, and **refuges**. Social Value drives good PR for businesses and everyone willing and able to help. Carbonic LLC is

helping kickstart the HDPE plastic solution.



Pig Farm Income

\$324,000 Pork Gross Income for 1,200 Pig Herd

+

\$276,000 **Plastic** Sales Total Income

= **\$600,000** Total Income

Net Income

Pig Farm Expense

\$380,000 Net Income from Herd

**Plastic
World™**

\$160,000 Total **Production** Budget for Farm

\$ 60,000 #ManureGasPlastic™ Operations Support (\$5,000 per mo.)

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Farm Financials present an interesting facet of plastic sales. Please take note of the Pig Farm Income from the sale of pork from the 1,200 Pig Herd. Up until now meat sale was the primary source of income. From now on the usage or sale of HDPE plastic, propane, electricity, and chemicals will be available for farm use or to sell on the market. For example phenol is the chemical used in mouthwash. Here is a fun question that sometimes comes up around idea of gargling mouthwash from a manure source plastic cup AND manure sources phenol.

Notice that Net Income subtracts the Pig Farm Expenses from the Total Income. Expenses include farm expense for feed, supplies, equipment, payroll, and all normal expenses of any business. That amount represents the farm side of the equation. The \$60,000 for Carbonic LLC Operations Support costs provide on-site repair. In the event that a #MGP unit stops working a loaner unit can be delivered onsite. The stopped unit can be sent to a nearby factory shop for repair.

Carbonic LLC Financials

Carbonic LLC Income

\$0 Income 2020, 2021, & 2022

Carbonic LLC Expense

\$13,948 Beginning Capital Account 2021

(\$16,362) Current Year Net Income (loss) 2021

\$35,567 Ending Capital Account 2021

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Carbonic LLC
**Plastic
World™**



Carbonic LLC Capital

\$60,000 Owner Capital on Dec 31, 2021

2022 Capital Raise

\$1.2M Startup Capital

Carbonic LLC 2020 and 2021 Financials are very simple. Income is \$0 and the loss is (\$16,362) as of December 31, 2021. Financials projections for years 2022 and beyond are in the document associated with this deck.

The slide says the 2022 Capital Raise seeks \$1.2 million in Startup Capital. That gets us from Concept Idea State to the Reduction To Practice stage. It delivers a small scale prototype for usable onsite demonstrations. The next stages deliver the #ManureGasPlastic (#MGP) apparatus and process running at scale transforming 6 tons of Pig Manure per day into about 700 pounds of polyethylene usable in many ways. HDPE is the target plastic because of its characteristics.

Subsequent slides will explore Carbonic LLC Financials further.

Carbonic LLC Financials

Carbonic LLC



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CARBONIC LLC Use of Offering Proceeds

	If Target Offering Amount Sold	If Maximum Offering Amount Sold
Total Proceeds	\$ 200,000	\$ 250,000
Net Proceeds of Offering	\$ 200,000	\$ 250,000
Legal related to offering	10,000	10,000
Legal related to patents, trademarks	20,000	20,000
Wages - President and CEO		
Financial management, accounting and audits	10,000	10,000
Engineering/production	60,000	110,000
Employee benefits	0	
Marketing	50,000	50,000
Equipment		
Other Expense - including rent, telephone & communications, travel and office	20,000	20,000
Accounting software and hardware		
Total Use of Net Proceeds of Offering	\$ 200,000	\$ 250,000

Seek Full 2022 Capital

Amount	Proceeds
\$2,400,000	Amount Sold
\$ 240,000	Legal, CPA, Ops. Exp
\$ 120,000	Wages and Benefits
\$ 960,000	Engineering/Production
\$ 960,000	Marketing
\$ 120,000	Other
\$2,400,000	Total Use of Proceeds

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The Carbonic LLC Financials show a Reg-CF Crowdfunding SEC exemptions at varying levels of raise amount projected use of funds, and Reg-CF limitations based on audit requirements. Reg-CF funds can be raised from accredited or unaccredited investors. The minimum investment amount is \$1,000.

There is a parallel raise for \$5 million under a Reg-D exemption only available to accredited investors. The minimum investment amount is \$10,000.

Please pay particular attention to the \$960,000 proceeds for Engineering/Production and \$960,000 proceeds for Marketing. That's the proceed distributions at \$2.4 million. Double the proceeds for the \$5 million Reg-D raise and approximately double the proceeds distributions and build factories to manufacture the #ManureGasPlastic (#MGP) apparatus and process.

Carbonic LLC Cash Flow

Carbonic LLC



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CARBONIC, LLC
STATEMENT OF CASH FLOWS
FOR THE INTERIM PERIOD OF JANUARY 1, 2021 THROUGH OCTOBER 31, 2021 AND DECEMBER 31, 2020

	<u>2021</u>	<u>2020</u>
Cash Flows From Operating Activities		
Net Income (Loss) For The Period	\$ (16,362)	\$ (8,051)
Net Cash Flows From Operating Activities	<u>(16,362)</u>	<u>(8,051)</u>
Cash Flows From Financing Activities		
Change in Owner's Investment	38,000	22,000
Net Cash Flows From Financing Activities	<u>38,000</u>	<u>22,000</u>
Cash at Beginning of Period	13,949	-
Net Increase (Decrease) In Cash	21,638	13,950
Cash at End of Period	<u>\$ 35,587</u>	<u>\$ 13,949</u>

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This slide is from the EDGAR SEC Form-C Reg-CF filing Carbonic LLC Portal.

PORTAL and follow the Link to EDGAR and in the Company Search Results list.

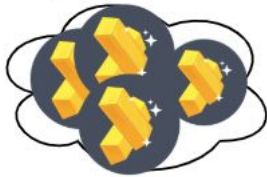
<https://carbonic.sppx.io/>



#ManureGasPlastic Produces Plastic



Pig Manure



#ManureGasPlastic Apparatus

- 90% Water in Manure
- 10 lbs/day per Pig
- ½ lbs/day Ash
- ½ lbs/day Carbon Black

Carbon Sink
= ½ **pound**
carbon per
day per pig

**Plastic
World**

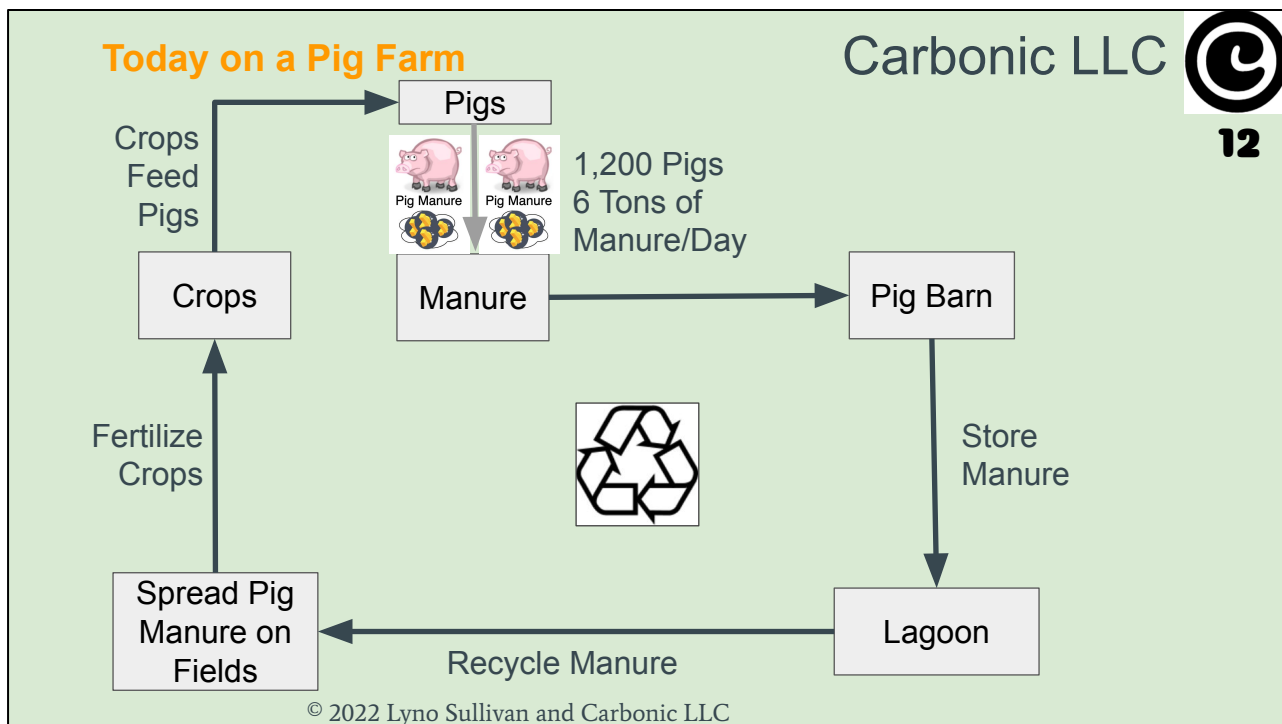
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The Carbonic LLC “Pig Manure to Plastic” campaign is developing the technology necessary to convert pig manure into plastic. Think about that, the next time you drink out of a plastic cup. Perhaps Its plastic comes from manure. Next could be chicken manure? Then beef cattle and dairy cattle manure. The 3,000 pig feedlots comprise the market for the initial #ManureGasPlastic apparatus and process.

How much plastic we can produce any given day from an average pig. There’s 90% water in manure. Water containing hydrogen and oxygen is consumed by the process. It is the carbon that we must follow to find the HDPE plastic pathway through the chemistry that thermochemically transforms biomass pig manure, other manures, other agricultural feedstocks, recycled plastic, and other carbon waste.

10 pounds of manure is reduced to about one half pound of carbon per day per pig results in about one half pound of HDPE plastic which is worth \$0.50 per pig per day. Over 365 days in a year that

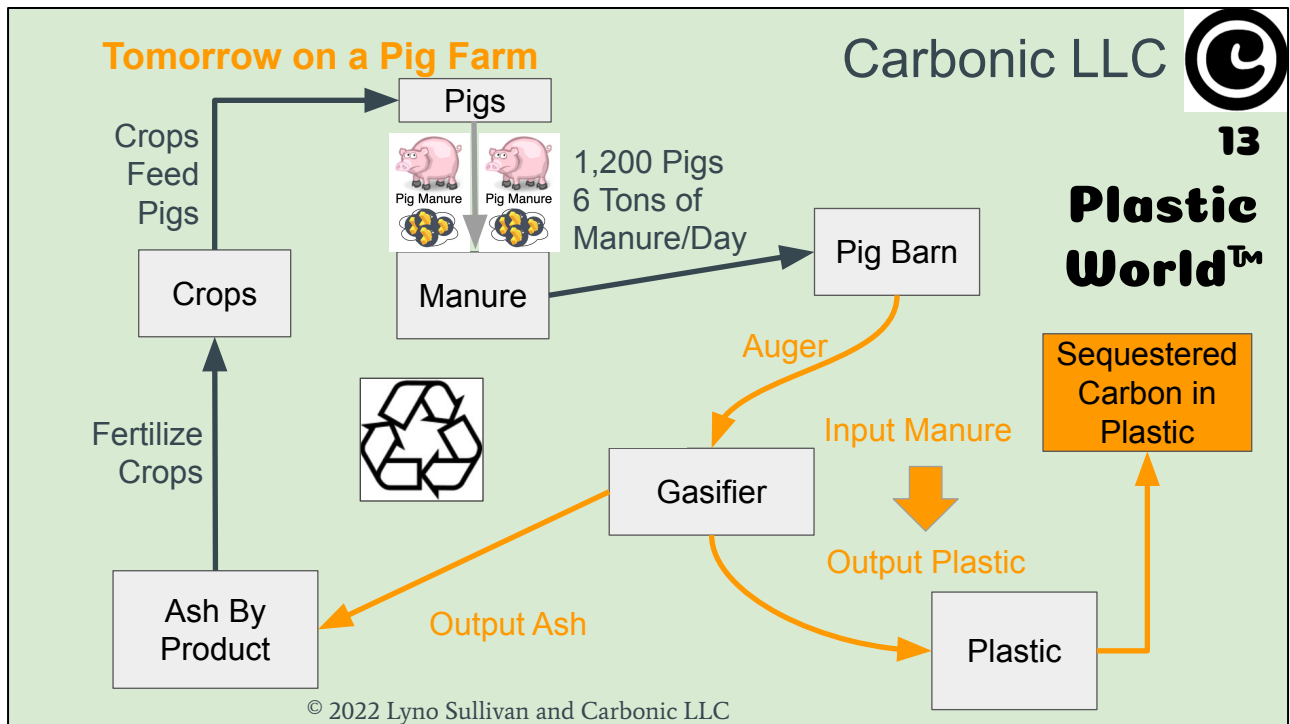
works out to about \$182 per pig per year. A twelve hundred pig herd would turn a big pig manure problem into \$218,400 extra income per year to build a better quality **Plastic World**.



Today on the over 3,000 Minnesota feedlot pig farms, 9.3 million pigs eat crops and produce manure. That equals 93 million pounds which is 46,500 tons of Minnesota manure. This is per day, mind you. What do pig farmers do with that much manure? Up until now, pig farmers recycle manure by storing the manure in lagoons. At opportune times during the year they spread the manure on fields where it feeds the crops that feed the pigs. From now on farmers will gasify their manure. From now on they will turn their manure problem into a valuable income stream. As the Pig Manure drawing depicts, “there’s gold in pig manure”, metaphorically speaking.

The activity of spreading manure on fields is heavily regulated by federal, state, and local government. All concerned worry about pig manure ending up in our waterways. That’s why the Minnesota Pollution Control Agency (MPCA) keeps track of feedlots. Government inspectors make sure the rules are followed.

Recycling manure on soil makes recycling sense. What else is a farm going to do with 6 tons of manure per day? Burn it? That would sure raise a stink with the neighbors. Yet that is kind of what the #ManureGasPlastic does, minus the stink. Use low oxygen pyrolysis to drive off the water. Capture the methane. Cross the “Ethane Bridge” and produce polyethylene which is the source of the HDPE used in Plastic World.

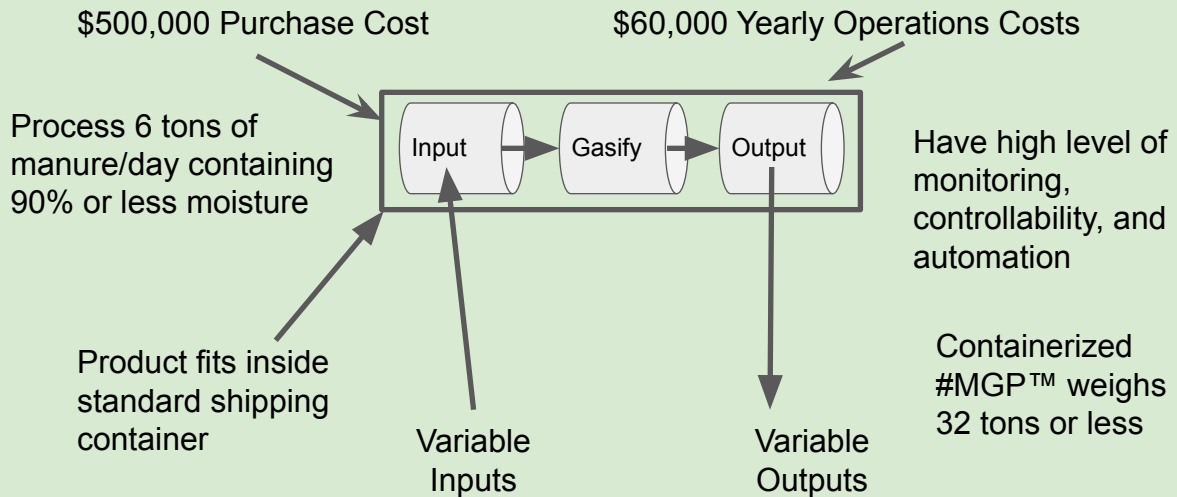


Having seen the outdated recycling system currently in place, let's see what changes on tomorrow's Carbonic LLC served #ManureGasPlastic owning pig farm. Notice that crops still feed the pigs which produce the manure that ends up in the pig barn. The Auger is new. The ash byproduct fertilizing crops is new. The gasifier inputs manure and outputs plastic used to build Plastic World.

Let's talk about the fact that carbon is chemically sequestered in plastic as opposed to being in the atmosphere. That is the Carbonic LLC value proposition. Sequestering carbon in plastic, instead of letting it into the atmosphere, makes sense. It makes special sense when it is a part of a strategy for reclaiming the carbon at some future date. That orange box labeled "Sequestered Carbon in Plastic" is a centerpiece in the Carbonic LLC philosophy of storing carbon in an energy and material sink. The plastic sink can be reshaped at will. It can be re-gasified into plastic, methane, propane, electricity, and heat. Considered in the light scientific truth, #ManureGasPlastic will help civilization move to the next level.

Let's explore Plastic World. For pig farmers we build a HDPE pigpen that fits into an HDPE pig barn. The manure is ideally HDPE augered and

pumped from the barn into the **gasifier** feedstock supply system.

**Constraints on #ManureGasPlastic™ Apparatus**

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The #MGP™ Product Constraints define product success. If the #ManureGasPlastic™ apparatus fails on any constraint, then adaptations or even another full scale product may be required. Continuous Quality Improvement (CQI) and Continuous Integration and Continuous Deployment strategy will proceed.

Lets study the picture for a moment.

1. Purchase \$500,000 fixed cost plus \$60,000 per year operations costs.
2. Process 6 tons of pig manure per day. That is 10 lbs. per day per pig. That's 9 pounds of liquids, volatile gases, and solids that get turned into a half pound of high density polyethylene used to make HDPE.
3. The #MGP must fit securely inside of an international shipping container
4. The units inside the container can be a 7'6" square ends can be up 10', 20', or 40' length. It must weigh less than

1. 32 tons when loaded.
2. The front end should must be capable of swapping in different mixed biomass input systems
3. The gasify stage inputs the front end prepared inputs and produces one or more outputs.
4. The backend must be capable of different and multiple backends
5. An #MGP must have a high level of monitoring. Remote secure controllability, and automation. The presence of a built-in internet connection at the farm is useful. IoT data moves between the #MGP and its cloud resources.



Carbonic LLC Factories

PHASE 1 Verify (Jan 2022)

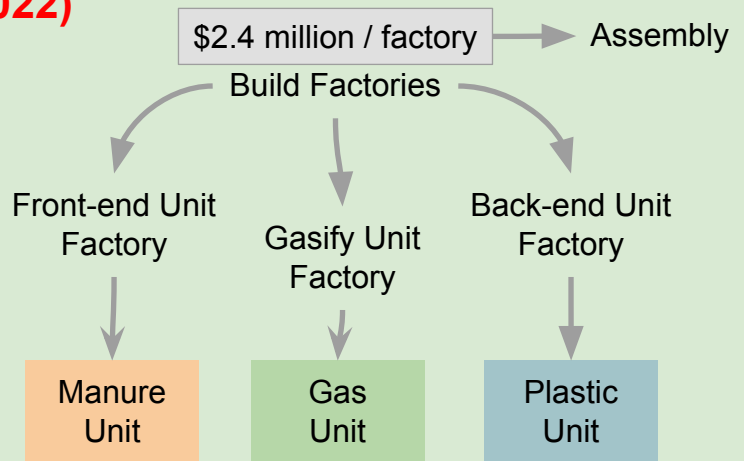
PHASE 2 Publish

PHASE 3 Seed Round

PHASE 4 Prototype

PHASE 5 Raise Capital

PHASE 6 Manufacture



#ManureGasPlastic

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PHASE 1 Verify Is Underway as of Jan 2022

PHASE 2 Publish a PRESS RELEASE and Begin Marketing Campaign

PHASE 3 Seed Round is crowdfunding at

<https://carbonic.sppx.io/>

PHASE 4 Prototype will reduce to practice at scale

PHASE 5 Raise Capital for Factory Locations

PHASE 6 Manufacture begins by building #ManureGasPlastic

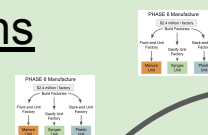
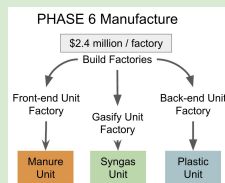
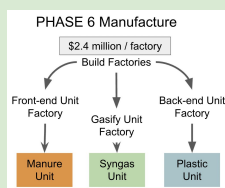
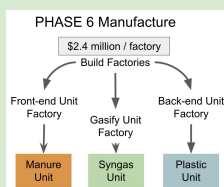
component units in single factories because the workforce must be trained for their jobs on the team based assembly line.

It is important to understand that the units width and height must be 7'6" width and height and 10', 20', or 40' long container box to fit inside one international shipping center.

Each factory is built new for \$2.4 million for the first three factories that build the three units and a fourth factory that assembles the removable 7'6" units operating inside the final container units. The units may then be placed in the queue for

final delivery. \$10 million will buy the four factories necessary for a self sustaining region.

Carbonic LLC Cities and Regions



Distributed
Factory
Locations

ASSUME:

- 1) 5 units built per factory work team per month
- 2) 4 work teams per factory
- 3) 20 units built per factory per month
 - a) \$10M gross sales / factory / month
- 4) 6 workers per team
- 5) 24 workers per #ManureGasPlastic factory

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The four #ManureGasPlastic factories together cost \$10 million.

- 1) 5 units per 4 factory regions yields 20 #MGP per factory per month
- 2) 20 #MGP units sold at \$0.5 million per unit per month yields \$10 million per month
- 3) 24 workers per factory at \$4,000 per worker month average yields \$96,000 per month
- 4) Wholesale cost per #MGP unit is \$600,000
- 5) Plus Personnel = \$700,000 leaves \$300,000 divided, for example
 - a) 1/3 technology
 - b) 1/3 marketing
 - c) 1/3 general admin and operations

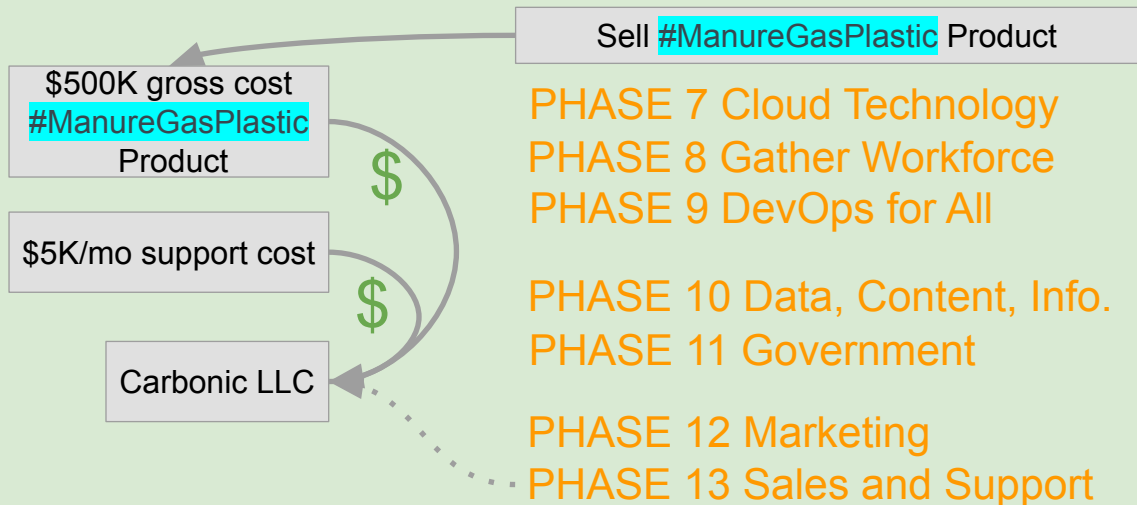
Multiple #MGP factory sets can be spread within a polygon such as a county or a city. Final unit from each unit factory will be 7'6" square on the input and outputs arranged left to right, when viewed from the front for 10', 20', and 40' long container

lengths.

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Carbonic LLC Marketing, Sales, and Support



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PHASE 7 Cloud Technology for every \$500,000 #MGP Connects to the Cloud.

PHASE 8 Gather Workforce can be problematic. How does one attract talent to the Carbonic LLC with its evolving missions and goals. Board of Governors sets maintains the Carbonic LLC “Book of Rules”.

PHASE 9 DevOps for All requires every digital product and every physical product will undergo a rigorous develop, test, and deploy workflow.

PHASE 10 Data, Content, Information gathers GIS data about the environment, like lakes, waterways, soil, water table, roads, bridges, dams, etc. Add layers of data for government the public face of government, business, non-profits, and other organizations.

PHASE 11 Government collects a vast array of data concerning the Executive, Congressional, and Judicial branches and their agencies, rulemaking, rules, etc.

PHASE 12 Marketing is used to gather, update, analyze, and report product and market data

PHASE 13 Sales and Support is where the \$500,000 #MGP

purchase and \$5,000 / mo. Support cost data is gathered, updated, analyzed, reported, and fairly divide the distributions based on individual and team effort.

#MGP™ Patent Pending

Carbonic LLC



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Economy

Fields

Farms

Factories

3D Plastic

Plastic World™

#ManureGasPlastic™

Growth

Factory

100 workers

20 units/month

\$10M income

\$6M expense

Grow by Biomass: Farms, Recycle, Separated Trash

Grow by Manure Input Type: pig, poultry, beef, dairy, & livestock

Grow by Output Type: HDPE plastic, chemicals, electricity, ash

Geographic Expansion to Regions, Cities, Counties, & States

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The **Economy** Concerns Fields, Farms, Factories, 3D Plastic, and Plastic World™.

An independently owned and operated factory pays a percentage of their revenue to Carbonic LLC for its continuous quality improvements in the #MGP apparatus, process, and new innovations.

100 trained workers produce 20 #MGP units per month = \$10 million income

Cost of Goods = \$6 million per month Reserve Account.

Breakeven projected Year 4 (2025)

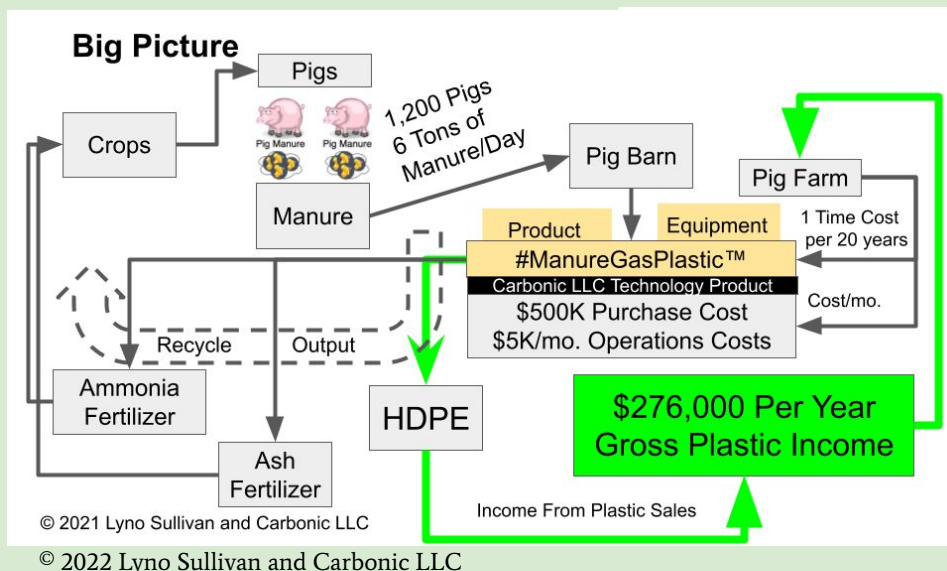
GROWTH

Biomass – from farms, recycling, separated trash, .etc.

Manure Input Type – pig, poultry, beef, dairy, turkey, etc.

Carbonic LLC Big Picture #ManureGasPlastic™

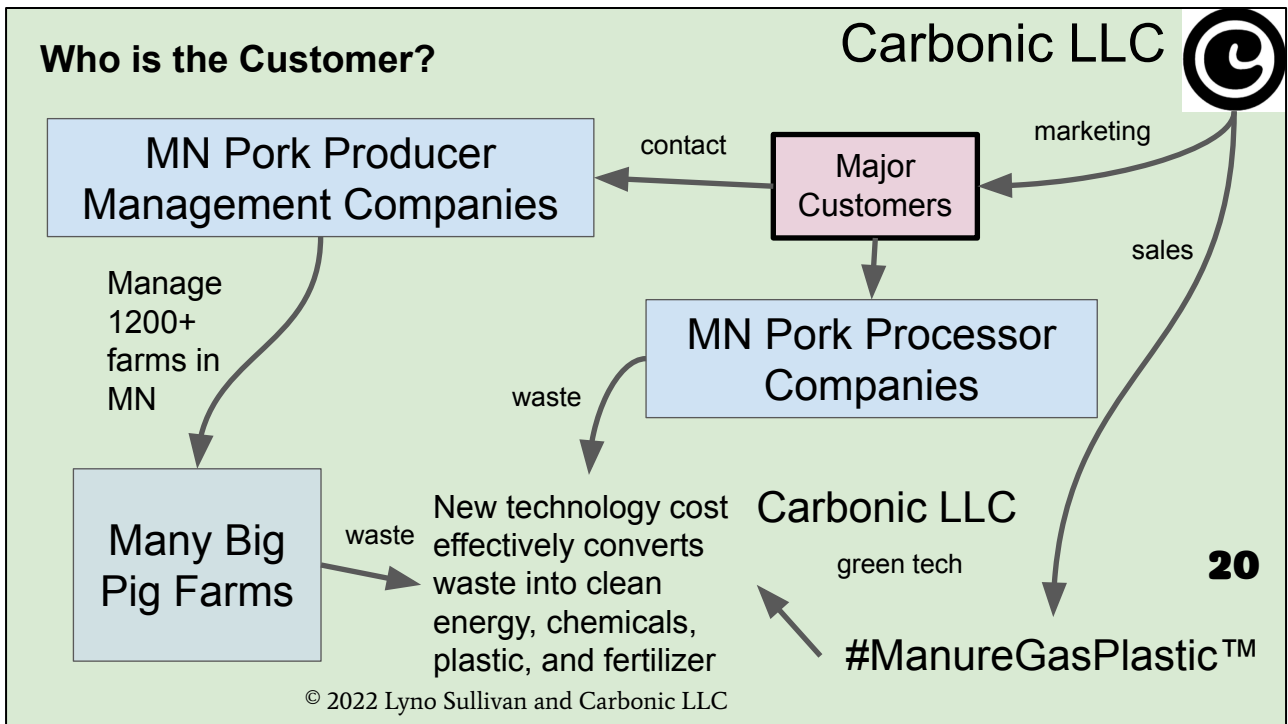
Water & Crops
Pigs Eat
Pigs do Manure
Gasify Manure
Get Plastic
Get Heat
Get Energy
Use Cleantech
Create Housing
Capture Carbon
& Sequester



The Carbonic “Big Picture”. The drawing depicts a closed cycle on the left half. It contains the example herd of 1,200 Pigs which produce 6 tons of manure power day. That manure is gasified which produces ash which contains fertilizer components nitrogen, phosphorus, and potassium plus essential nutrients. The farmer can produce ammonia for fertilizer too.

The right half of the drawing depicts an #MGP producing flow of polyethylene producing HDPE plastic which can be sold. Alternatively, the HDPE can be used to build another barn to raise more pigs and double the production of meat and various products usable on the farm, like propane and electricity, and various products for sale.

The #ManureGasPlastic product sells for \$500,000 and costs \$60,000 per year for operating costs per year.



The question “who is the customer” has multiple answers. One big company customer is Minnesota Pork Producer Management Companies. For example Pipestone Management, a company in southwest Minnesota, manages over 1,200 pig farms. If the management company says to their farmers “buy a #MGP” from Carbonic LLC”, then sales will blossom.

Another major Carbonic LLC #MGP customer is the Minnesota pork processing industry. Pork processing plants produce meat and various by products. The gasification of the pig remains produces byproducts like fat and bone char, which are salable.

Of the 3,000 pig farms in Minnesota, especially Concentrated Animal Feeding Operations (CAFO), use the #ManureGasPlastic (#MGP) apparatus and process to effectively convert their waste into clean energy, chemicals, plastic, and fertilizer.

Example of MN Feedlot Data

Carbonic LLC



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au_count	animal_count	primary_stock	owner	ph	contact	phone	city_m_co
		Chickens -					
658.4	88342	Broilers >5 lbs	Randy H	32	Randy H	320-3	Rice
735	900	Slaughter/Stock	Thomas	0	Thomas	0	Hampton
1428	3570	Swine >300 lbs	Cougar	50	Hal Schn	507-8	Pipestone
900	3000	Swine 55-300 lbs	Mike Kc	0	Michael	320-3	Hancock
160	2440	Swine <55 lbs	Ron Gr	50	Ron Gro	507-7	Springfield
5	5	Horses	Sharon	65	Robert F	651-3	Lake City
89.6	88	& calf pair	Kerry W	32	Kerry Ne	320-7	Carlos
98.8	98	>1000 lbs	John M	0	John Ma	0	Osakis
0	0	Feeder/heifer	Ardell T	0	Ardell T	320-8	Danube
0	0	Feeder/heifer	0	0	Dewayne	0	Fort Ripley
156	130	& calf pair	Mark Ze	0	Mark Ze	0	Brainerd
0	0	Beef Cattle - Calf	Gregg J	0	Gregg Jo	0	Fort Ripley
1200	4000	Swine 55-300 lbs	Doug M	0	Doug M	507-5	Winnebago
1480	4000	Swine 55-300 lbs	Heartl	50		0	0
1353	118500	Turkeys >5 lbs	Thirteen	0	John Ge	320-5	Swanville
99.4	157	Slaughter/Stock	Erickson	65	Jeff Erick	651-3	Cannon Falls
111	185	& calf pair	Herbert	32	Herbert	320-2	Cold Spring
60	50	& calf pair	Dave Sa	32	Dave Sar	320-2	Melrose
96	80	& calf pair	Marsha	50	Marshall	507-7	Kenyon
109.5	102	>1000 lbs	Kevin W	32	Kevin W	320-8	Albany

Column Headings Left to Right

- au_count = animals/1000 lbs
- animal_count
- primary_stock = type
- owner name
- owner phone #
- contact name
- contact phone #
- city of feedlot

Data Rows Top to Bottom

Contact Done

Contact Needed

Marketing Campaign

Data Analytics

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This slide shown partial data from a pollution control database of over 38,000 feedlots in Minnesota. The over 160 data columns contain a vast array of data. For example, “au_count” determines the live animal weight of a herd of animals. This is useful for determining feed cost and market price. Look at the third row down with 1428 au_count for 3570 swine growing to weigh 300 or more pounds. The farm is located in Pipestone, Minnesota. The data columns contain the contact information for each farm.

Additional added data columns contain information used by Carbonic LLC to track contact needed and done. This data will be used for various marketing campaigns designed to drive sales. Fascinating data analytics will emerge from these campaigns.

What Next?

Carbonic LLC



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Up Until Now

Old Product Processes

- Centralized Chemical Industry
- Manure in Lagoons for Weeks
- Manure Spread on Fields

Old Sequestration Methods

- Release Then Capture Carbon
- Sequester Geologically
- Get Carbon from Atmosphere

Old Biomass Solutions

- Styrofoam in Landfills
- Carbonaceous Solid Waste

From Now On

New Product Processes

- Distributed Chemical Industry
- Manure to Plastic Within Days
- Ash Products To Fertilizer

New Sequestration Methods

- Capture Carbon and Sink
- Sequester in HDPE Plastic
- Get Carbon from Pig Manure

New Biomass Solutions

- Styrofoam into Plastic
- Gasify Waste into Plastic

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What's next? Now is the time for change. Old product processes become new product processes. Old sequestration methods give way to new methods, Old biomass solutions give way to the new.

Up until now the chemical industry has uses behemoth centralized production facilities. From now on these processes will be distributed down to the farm level where chemical industry products like phenol for mouthwash can be produced locally and sold. Manure in lagoons will be converted into plastic and fertilizer instead of being spread on fields.

Current DOE sequestration methods involve capturing carbon atoms after they have become CO₂. New sequestration methods will capture carbon atoms before they are released into the air. Rather than the expensive and risky methods of compressing a power plant's exhaust, shipping it great distances by pipeline, and then burying the exhaust gases deep underground. Expensive solutions like DOE proposes will create vast wealth, for the oil and utility companies. Why do this when carbon sequestration can

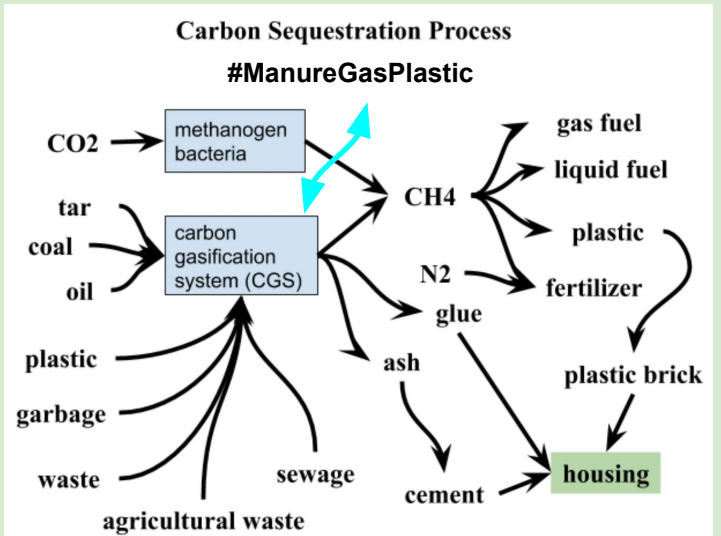
produce HDPE plastic instead?

Styrofoam, cardboard, and other carbonaceous materials need new biomass solutions. The carbon needs to be gasified into plastic instead.



Carbon Sequestration in Modern Civilization

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With enough HDPE produced from manure, we can build “**Plastic World™**”. Where do we begin? How about cleaning up the trash in the oceans? Let’s send out a fleet of trash capturing boats. What to we do with all of the carbonaceous material we recover? Why, of course we gasify it with a carbon gasification solution (CGS) capable of inputting waste and recovering carbon. From the land and from the waters, as we recover and process our waste into HDPE plastics and composites.