

Millennium Sustainable Ventures Corp.

Investor Presentation

October 2022

Millennium Sustainable Ventures Corp. (ticker: MILC) (“MSVC”, “we” or the “Company”), formerly known as Millennium Investment & Acquisitions Corp. and formerly known as Millennium India & Acquisition Company, is focused on sustainable greenhouse cultivation of food and cannabis and sustainable production of BioChar and Activated Carbon. Before you invest, you should read the documents filed with the SEC, for more complete information about the MSVC. You may get these documents for free by visiting EDGAR on the SEC website at www.sec.gov,

Throughout this presentation, we may make “forward-looking statements” as that term is defined in Section 27A of the Securities Act of 1933, as amended (the “Securities Act”) and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”). Forward-looking statements include the words “may,” “would,” “could,” “likely,” “estimate,” “intend,” “plan,” “continue,” “believe,” “expect” or “anticipate” and similar words, as well as statements relating to our acquisition, development and expansion plans, objectives and expectations, liquidity projections and similar topics. Forward-looking statements are not guarantees of future performance, and a variety of factors could cause our actual results to differ materially from the anticipated or expected results expressed in these forward-looking statements. Readers are cautioned not to put undue reliance on any forward-looking statements. The Company assumes no obligation to update or supplement forward-looking statements that become untrue because of subsequent events, new information or otherwise.

Overview

- **Millennium Sustainable Ventures Corp.:**
 - Ticker: MILC
 - Recent stock price: \$0.86 (9/23/22)
 - Shares outstanding: 10,999,814
 - Market Capitalization: \$9.5 million
- **MSVC currently has two areas of focus:**
 - Sustainable greenhouse cultivation of Cannabis
 - Sustainable production of Activated Carbon

Cannabis Cultivation

MILLENNIUM CANNABIS GREENHOUSE CULTIVATION

Strategic Investment

Sustainable greenhouse cultivation

Opportunity

- Increasing demand for cannabis
- Increasing state legalization momentum
- Inefficient availability of capital

Competitive Advantage

- Majority of cannabis cultivation is indoor/warehouse style
- Millennium Cannabis strategy focused on greenhouse cultivation

Sustainability

- Lower construction costs
- Lower production costs due to lower energy costs
- Significantly lower carbon footprint
- 90% reduction of water use
- Reduces runoff of fertilizers and need for pesticides

Affiliation with Power REIT

- Access to capital to acquire facilities leased to Millennium Cannabis
- “OpCo – PropCo” model

Marengo Township, MI - Overview

Property Info

- 61.14 acres
- 556,146 sf greenhouse cultivation facility
 - Largest cannabis cultivation facility in MI
 - One of the largest in the U.S.
- Plans in place to add 330,325 sf as next phase
- Utilities: natural gas, 3-phase electric, well water

Transaction Highlights & Terms

- State-of-the-art, 26-foot-high “Dutch Venlo Style” facility with advanced climate control system
- Best-in-class irrigation/fertigation system
- Boiler heat is stored in 1mm gallon tank which can be used to heat the greenhouse at night
- CO2 capture is captured off boiler system and injected into greenhouse which enhances plant growth during the day
- Diffuse glass allows for better crop yields and plant density
- Potential for labor savings through existing infrastructure and automation to keep production costs low

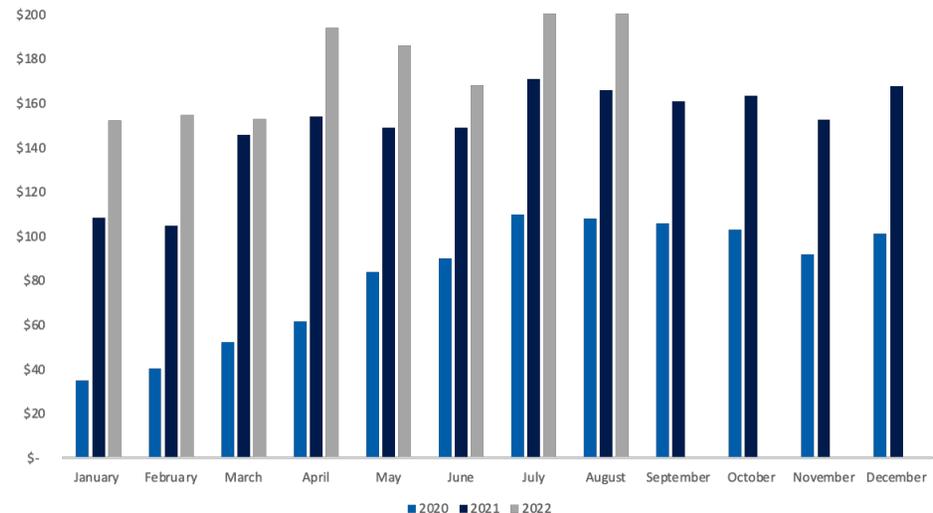


Marengo Township, MI - Opportunity

- Distressed acquisition
 - Prior operator shut down
- Strong in-place infrastructure
- Acquisition of property funded by Power REIT (ticker: PW) with long-term lease to Millennium Cannabis
 - Acquired at attractive basis - \$39 psf (greenhouse and buildings)
- Economies of scale:
 - Would be the largest cultivation facility in Michigan
 - One of the largest cannabis greenhouse cultivation facilities in the U.S.
- Current challenge:
 - Marengo Township is not cooperating with state licensing requirements which is causing delays going into production



Michigan Regulated Cannabis Market Sales (\$US Millions, % Growth YoY)



Activated Carbon

KENTUCKY AC PILOT PLANT

- During the first half of 2019, MSVC concluded that its Hawaii Activated Carbon plant had a design flaw
 - The plant produced inconsistent quality activated carbon
- Investigation of solutions led to the identification of our novel approach to AC production and a new potential business plan
- During 2020 and 2021, Millennium Carbon has constructed a proof-of-concept pilot-scale plant to produce Biochar and Activated Carbon from an organic waste stream
- Initial results from the operation of the pilot-scale plant are encouraging
- Believe an attractive opportunity exists to scale up plant to a 10 million gallon per year plant
- Once the scaled-up plant proves viability, would target building a much larger plant

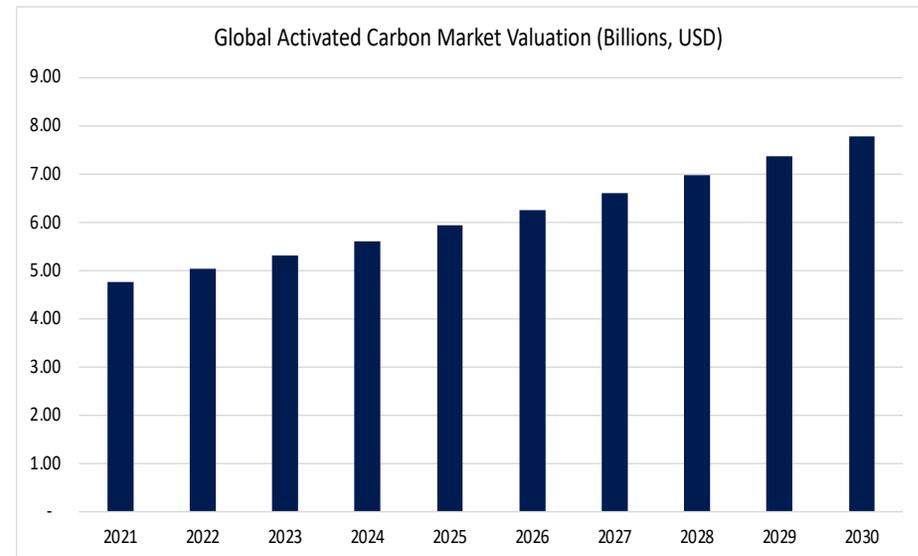
- As previously disclosed, MSVC is in advanced stages of seeking to close on a sale of the Hawaii Activated Carbon plant

Activated Carbon

- Unique material characteristics including high surface area, pore structure, and surface reactivity
- Used in many industries including drinking water purification, waste-water clean-up, liquid chemical purification, food and beverage processing, industrial gas purification, air filtration, petroleum, automotive applications, precious metal recovery and energy storage (ultracapacitors)

Market Opportunity

- US Activated Carbon Market value exceeds \$1 Billion
 - Granular approximately \$625 million – 250 million lbs. (\$2.50 per lb.)
 - Powdered approximately \$625 million – 500 million lbs. (\$1.25 per lb.)
- Global market is expected to reach \$7.8 Billion by 2023 (CAGR of 5.6%)
- The majority of Activated Carbon in US is produced from coal through a dirty and energy intensive process
 - **We are focused on using an organic waste stream for the sustainable and cost-effective production of Activated Carbon**



A Sustainable Solution

Problem:

- The majority of Activated Carbon production utilizes coal as feedstock
- This process is dirty and energy dense process which is harmful to the environment

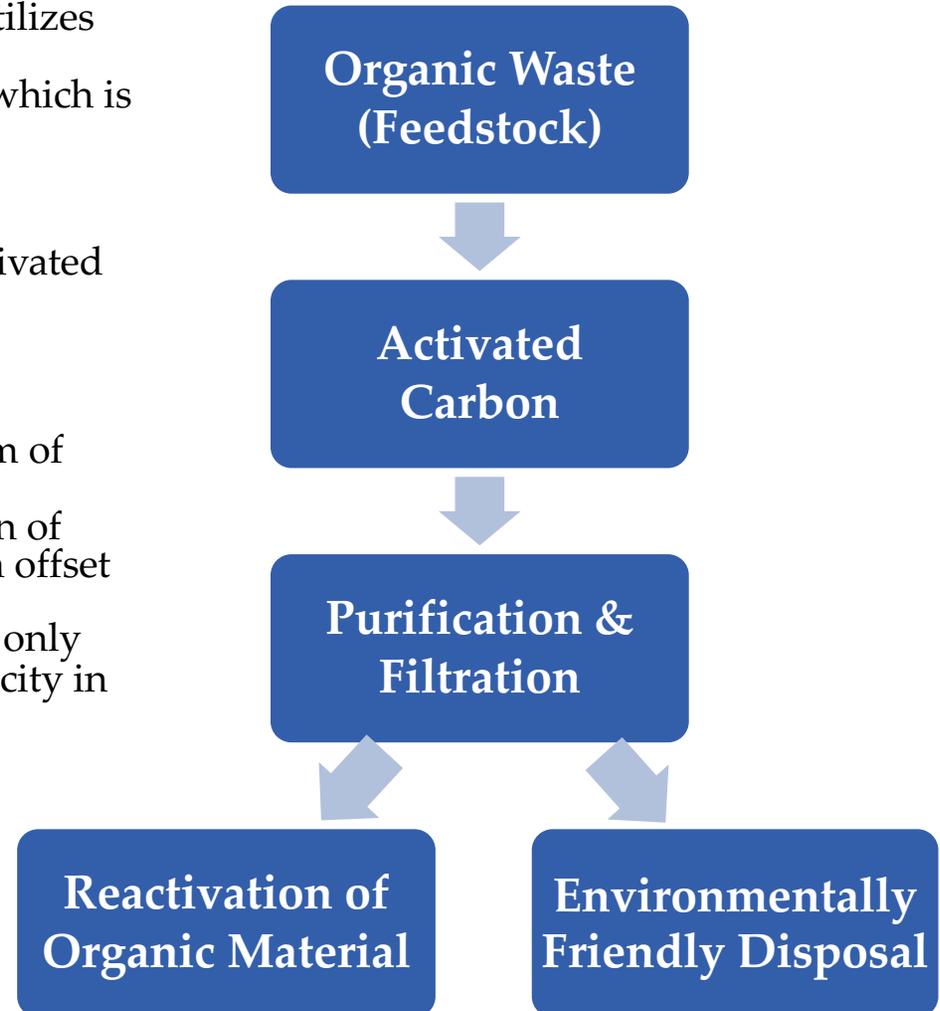
Millennium Carbon Solution:

- Displaces reliance on coal for production of Activated Carbon
- Uses organic waste as a feedstock:
 - Eliminates a waste disposal problem
 - Recovers carbon which would otherwise evaporate and converts it into a stable form of carbon
- Reduction of carbon footprint for the production of Activated Carbon – potential to generate carbon offset credits
- Cost effective method of production which will only improve as we scale to a larger production capacity in the future

Carbon Negative Production

Our sustainable activated carbon production offsets more carbon than is released during the process

Millennium Carbon Process



Opportunity

- We have identified the Kentucky Bourbon industry as a initial favorable use case for our Activated Carbon process
 - More than 1 Billion Gallons of waste (stillage) produced per year in Kentucky
 - Bourbon production is increasing in Kentucky
 - The Bourbon industry is under pressure to solve this significant waste problem
- Our solution represents a significant sustainability story for the Bourbon Industry
- Bourbon is just one example of an organic waste stream we can process undertake
- Our carbon negative process consumes carbon dioxide – potential for carbon credits

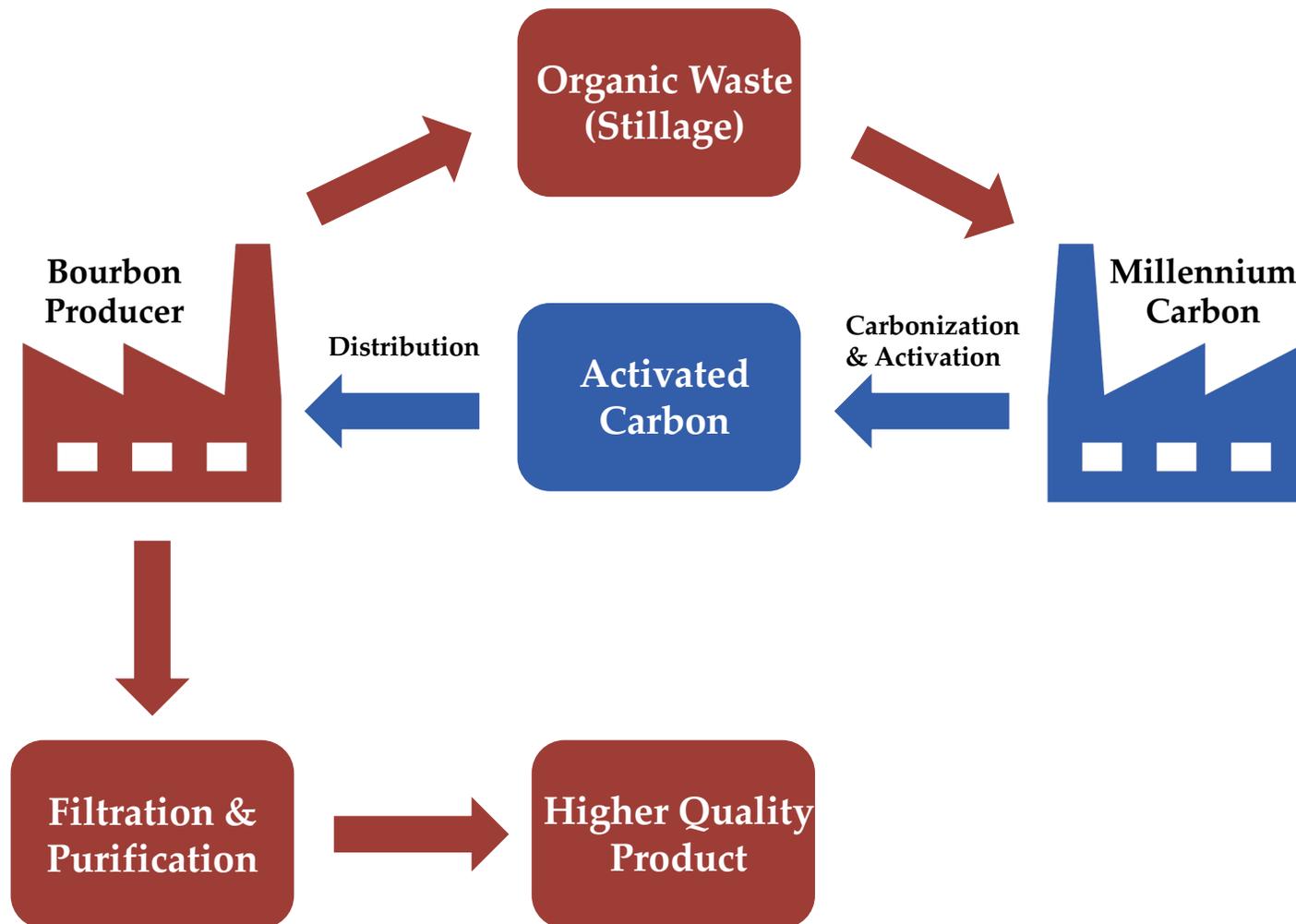


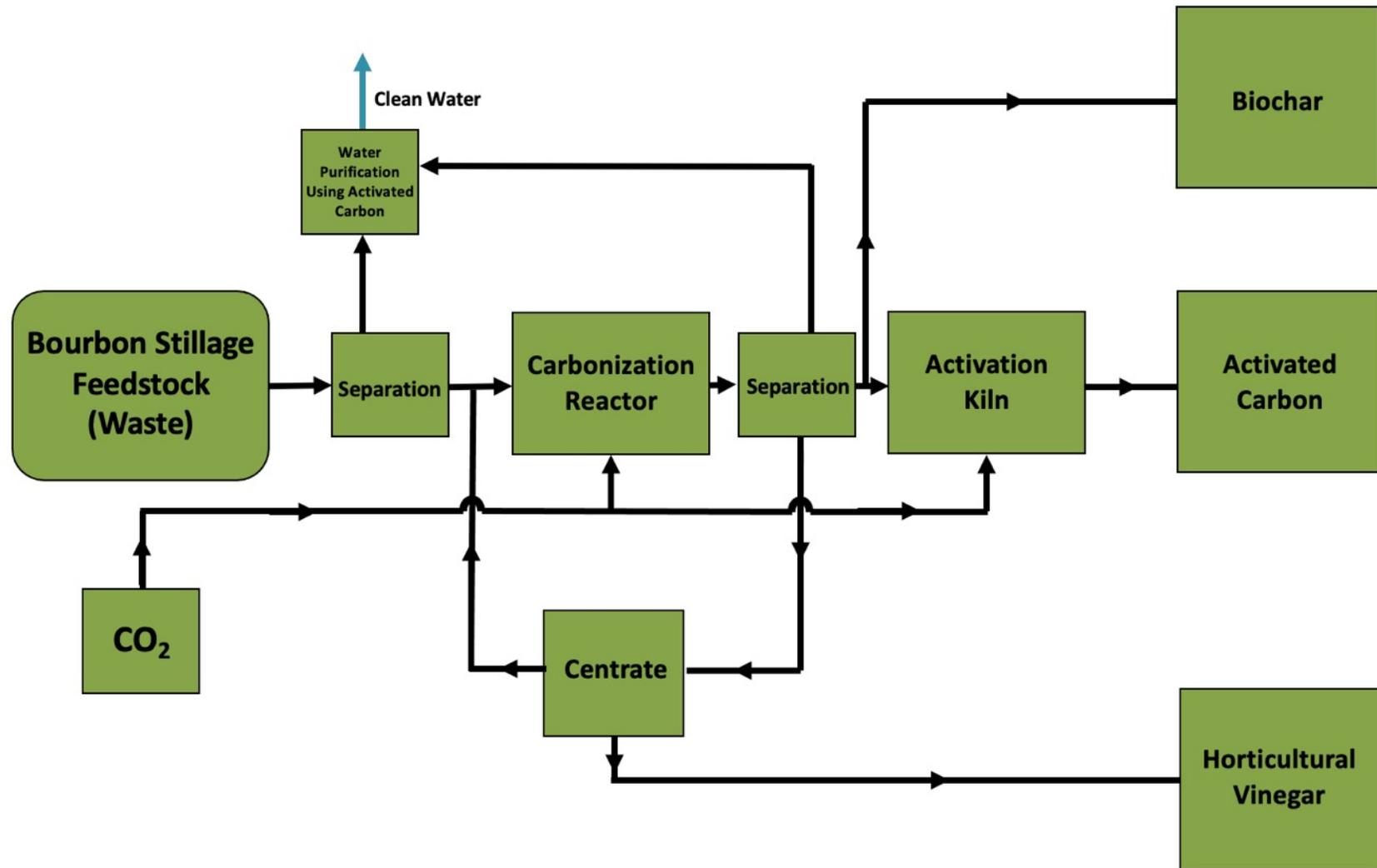
Project

- Have built a proof-of-concept pilot scale plant that has completed over 300 test batches
- Have established a relationship with a high-profile distillery that generates 10M gallons of stillage per year
- Targeting a 6 month ramp up to build a plant that can process 10M gallons per year and can produce over 1.5M pounds of Activated Carbon per year
- Believe the project can return invested capital over approximately one year of full operation

Potential to transform the production of Activated Carbon in the United States in a sustainable manner through use of organic feedstocks

Cyclical Value Proposition: Kentucky Bourbon













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