

Investor Presentation

October 2020





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Introduction





Transaction Summary

Danimer Scientific





Stephen Croskrey
Chief Executive Officer



John Dowdy, III Chief Financial Officer

Live Oak
Acquisition Corp.





Rick Hendrix
Chief Executive Officer



John Amboian *Non-Executive Chairman*



Andrea TarboxChief Financial Officer

Summary of Proposed Transaction

- Danimer Scientific ("Danimer" or "the Company") is a leading producer of PHA, a 100% biodegradable plastic feedstock alternative sold under the proprietary Nodax® brand name, for usage in a wide variety of plastic applications including water bottles, straws, food containers, etc.
- Live Oak Acquisition Corp ("Live Oak") (NYSE: LOAK) is a publicly listed special purpose acquisition company with over \$200mm cash held in trust
- Danimer and Live Oak are combining to advance and accelerate the commercialization of Danimer's PHA
 - Danimer shareholders are rolling 100% of their equity
 - Net transaction proceeds being retained by the business
- Pro forma for the transaction, assuming no redemptions from cash in trust and a \$210mm PIPE offering, Danimer will have ~\$385mm in cash on the balance sheet
- Net transaction proceeds will allow Danimer to dramatically increase existing production from currently oversold facilities to further address demand within a 500bn lb market that is expected to grow at an 11% CAGR
- Expected pro forma enterprise value of ~\$525mm at closing, resulting in an enterprise value of 1.2x 2024E revenue or 3.6x 2024E EBITDA
 - Represents an attractive entry multiple relative to peer group metrics
 - Transaction earnout to be 2.5mm shares at \$15 in first three years, 2.5mm shares at \$20 in first five years, and 1mm shares at \$25 in first five years
- ✓ Danimer provides a high growth, fully-commercial solution to a major worldwide environmental issue
- ✓ Post- Merger, Danimer expected to be fully financed to support organic EBITDA growth to \$169mm by 2025E.



Danimer and Live Oak are Ideal Partners







Danimer is a Highly Attractive Asset

- ✓ Danimer is a high-growth next generation eco-tech company that produces 100% biodegradable polymers for use in plastic applications
- ✓ Best-in-class product offering at the forefront of sustainability and ESG leadership: the company's PHA was the first polymer to be certified as marine degradable
- Over 500bn lbs worldwide addressable market supported by secular trends in consumer preferences, governmental regulations, and corporate commitments
- ✓ Over \$47mm and 13 years R&D investment based on patents fully-owned by Danimer acquired in 2007 from Procter & Gamble
- ✓ Intense demand from blue chip multinational customers has resulted in 100% committed take-or-pay contracts for current production and Phase II capacity build-out
- ✓ Danimer is projected to organically grow EBITDA at a ~140% CAGR from 2020E – 2025E with a projected ~685% increase in EBITDA margin to 33%
- ✓ Skilled management team with extensive industry experience and proven track record

Live Oak is the Ideal SPAC Partner for Danimer

- ✓ Critical strategic advice and resources to ensure a successful entry into the public markets
 - Live Oak management and board have held C-level and leadership positions within public companies, successful SPACs, and investment managers
 - Focus on building momentum and maintaining a high level of credibility with investors as the Company builds its public market profile
 - Commissioned third-party consulting reports to validate technology and market opportunity
 - Attract broad research coverage and maintain a high profile presence at Wall Street and industry conferences
- ✓ Create a stable and long-term oriented shareholder base
 - Broad network of direct investor relationships with large institutional money managers, hedge funds, private equity and family offices
 - Live Oak's IPO was specifically targeted to accounts who have a strong interest in maintaining ownership of the public operating company
 - IPO was anchored by a large multi-strategy fund manager committed to voting in favor of the transaction and holding shares through the close
- ✓ Attract the lowest cost of capital to fund future growth needs
 - Deep capital markets experience, including two former CEOs of firms that specialized in lead-left institutional capital raises for small- and mid-cap companies

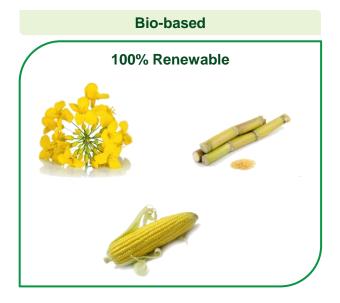


Investment Highlights





Biopolymers are Derived from 100% Renewable Source and are Fully Compostable and Degradable at the End of Life





Beginning of Life

Industrial Compostable

Home Compostable

Soil Degradable

Fresh Water Degradable

Marine Degradable

Landfills

Waste in Nature





End of Life



Danimer is at an Inflection Point in its Growth

2004

Company Founded



2007

Bought PHA Intellectual Property from Procter & Gamble



2015

Danimer's Nodax® PHA is the first polymer to be designated as marine degradable



2018

R&D Agreement with Nestle (water bottles, labels & caps)



2018

First Marine Degradable PHA Straws Created



2020

First Shipment from Kentucky Facility in March



A history of continuous innovation and research poised for the next phase of rapid commercial expansion

2006

First Compostable Extrusion Coating



2014

PHA Commercial Demonstration Plant



2016

R&D Agreement with PepsiCo (snack food packaging)



2018

Purchase of Winchester, KY Facility (retrofitted to produce Nodax® PHA); simultaneously entered into a sale and leaseback with the current REIT owner 2019

First PHA Supply Contracts Executed





Danimer is Addressing the Growing Global Plastic Pollution Crisis

End-of-Life Pathways of All Plastics Ever Generated⁽¹⁾



Addressable Plastics Market

500 Billion lbs

Of Plastic Waste Could be Eliminated by Danimer

800 Billion lbs

Plastic Produced Annually(1)

17 Billion lbs

Plastic in the Ocean Annually(2)

640 Billion lbs

Plastic in Landfills Annually(1)

- Over 75% of the global plastic production finds it way into consumer homes, with over 80% of those plastics being prime targets for PHA substitution
- PHA can be an alternative to a wide variety of petroleum based plastics like PE and PET which make up ~65% of plastic packaging production⁽²⁾
- Currently, bioplastics make up less than 1% of the global plastics market positioning Danimer to capture future market share⁽³⁾

















(3) Source: European Bioplastics, nova-Institute. 2019.

Danimer is at the Forefront of Sustainability and ESG Leadership

PHA: BEGINNING OF LIFE Nodax® PHA is 100% renewable



Biodegradability

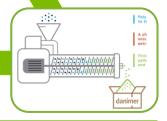
- Able to effectively biodegrade in both anaerobic and aerobic environments such as a waste treatment facility or the ocean
- Fully degradable in 12-18 weeks after the product is discarded
- PHA is 100% biodegradable in all environments vs PLA, which is only certified for industrial composting





APPLICATIONS FOR PHA

Wide application usage and 100% compostable



PHA PLASTICS CREATION

Versatile and sustainable to replace a wide variety of traditional plastics

Renewability

- Uses canola oil to create 100% biodegradable and compostable biopolymers
- Waste-free process utilizes 100% of the canola oil to ensure optimal sustainability
- Meets goal of full circle life cycle for plastics without relying on recycling



Danimer Produces Bioplastics Based on PHA and PLA Technology

PHA-Based Plastics

PLA-Based Plastics

Financials

2025E Revenue **\$403.4mm**





\$95.2mm



Descriptions

- Proprietary bioplastic produced by bacteria that use canola and other plantbased oil feedstock for sources of energy
- Biodegrades in both anaerobic and aerobic environments and does not need heat and moisture to degrade
- Dextrose "sugar" based polymer derived from corn
- Industrially compostable
- Breaks down with heat and moisture added

Technology Offerings

- 100% bio-based technology that is recently fully commercialized under the proprietary Nodax® brand name
- Ability to convert PHA into articles for wide range of plastics and specialty applications
- Zero compromise on functionality

- Danimer purchases PLA and formulates into proprietary plastics using exclusive reactive extrusion technology
- Enhances application offerings via addition of additives
- Zero compromise on functionality

Select Customers

















Product Applications

















Robust PHA Technology Portfolio of over 125 Patents across 20 Different Countries, Purchased from Procter & Gamble



Significant Tailwinds From Increased Corporate Initiatives on Environmental Impact of Global Pollution Crisis

Corporate Drivers of "Green"(1)

- Increasing concerns about the environmental impact of product packaging drive CPG players to make commitments on recycling as part of the New Plastics Economy
- Leading foundations also launched initiatives: The Global Commitment was launched by the Ellen Macarthur Foundation in collaboration with the UN, and mobilized >450 companies to start building a circular economy for plastics
- Increasing government regulation on single-use plastics has also put pressure on large corporations to adapt





EMF model commitments

- ✓ Take action to eliminate problematic or unnecessary plastic packaging by 2025
- ✓ Take action to move from single use toward reuse models where relevant by 2025
- √ 100% of plastic packaging to be reusable, recyclable, or compostable by 2025
- Set an ambitious 2025 recycled content target across all packaging used



PepsiCo aims to design 100% of packaging to be recyclable, compostable, or biodegradable by 2025⁽²⁾



In July 2020, Target, CVS, Walgreens, Walmart and Kroger committed to the #BeyondTheBag movement, an initiative to reinvent the plastic bag with \$15 million allocated by the consortium⁽²⁾



Nestle accelerated their climate change efforts by announcing a zero net emission target by 2050⁽²⁾



McDonald's aims to have 100% of its guest packaging come from renewable, recycled or certified sources by 2025⁽²⁾



In August 2019, Coca-Cola announced a new sustainability strategy to include up to 50% plant-based renewable packaging as part of the company's commitment to a circular economy⁽²⁾



PHA Customer Collaboration Case Studies Underscores High Customer Acceptance



Danimer & PepsiCo Awarded the 2018 Innovation in Bioplastics Award



Collaboration Background

- Owns 6% of Danimer's common equity
- Joint R&D to design, develop, manufacture and evaluate PHA based resins for individual layers suitable for flexible food packaging
- Partnership with Danimer Nodax® PHA expects to enhance Pepsi's ESG initiatives



Danimer & WinCup Awarded the 2020 Innovation in Bioplastics Award



Collaboration Background

- WinCup created the Phade straws using Danimer's Nodax® PHA
- First drinking straws that can biodegrade without losing the feel and quality of plastic
- Partnership led to a 2-year contract worth \$27mm (2022) for PHA-based straws to be sold at Walmart, with large-scale trials with top tier retail and fast food companies



Nestle and Danimer Scientific Team Up to Develop Biodegradable Water Bottle



Collaboration Background

- Six year R&D agreement to develop PHA for Nestle's PureLife water business
- Development for biodegradable water bottles and other products

"Ability to seamlessly adapt to existing manufacturing value chains, without the need to change equipment or processes."

- Danimer Customer

"Danimer PHA really is the only marine, soil, industrial and home degradable product out there that can be made at commercial volumes."

- Danimer Customer

"PHA is the only biopolymer that is completely natural. There is nothing else like it, it is going to be the backbone of the future."

- Danimer Customer



Competitors are Years Behind in PHA Technology

	Total 2020E PHA Capacity, KT / Yr		Considerations / Highlights	Quotes from Interview	
	10	danimer	Largest PHA supplier	"Danimer is the only one with actual scale"	
	5	капека	Recently completed investment to increase capacity	"Very limited commercial volumes out"	
Commercial Scale PHA Producers	1	bio-on	Declared bankruptcy Late 2019	"Bio-on had difficulty cracking the business aspect – many applications that didn't work out"	
	1	STianAn Biopolymer	Quality questionable	"China is famous for phantom capacity"	
	10	国的 生物 GREEN BIU	10kt/y capacity, but not operational as filed for bankruptcy	"When operational, maximum output was not significant"	
Not Commercial Scale PHA	MANGOMATERIALS™ FULL CYCLE	CJCHEILJEDANG	Perceived new wave – methanotropes (gas rather than	"Some players have announced sites are operational, but can't	
	RWDC INDUSTRIES •• NEWLIGHT	Bluepha 蓝晶微生物	sugar / oils as feedstock)	provide a sample"	

Rest of the World



North America

Source: Markets & Markets, IHSM, and expert interviews

China

Europe

Rapidly Growing Blue Chip Customer Base with Take-or-Pay Contracts has Led to Fully Sold-Out Position Through Phase II Capacity Addition

		'22E PHA Finished Product Volume (mm lbs.)
W WinCup* phade	Recently signed 2 year contract worth \$14mm to produce plastics to convert into straws as part of the Phade straw line to be sold in Walmart; and large scale trials at national and international QSRs and retailers	10
Large CPG Brand	 Joint agreement to develop biodegradable film resins for this CPG's global food and beverage business 	9
UrthPact® Where consumption leaves no tootprint	 Multiyear contract to manufacture and supply, marine and home biodegradable PHA plastic for usage in straws with delivery currently taking place 	2
COLUMBIA PACKAGING GROUP	Newly signed contract extending through 2024 to manufacture and deliver marine biodegradable PHA plastic for usage in straws and films	6
	 PSI has signed a multi-year agreement with Danimer for print, multi-layer and shrink film structures for packaging and a variety of usages 	4
Genpak	• Multiyear agreement extended through 2026 to deliver resins to be used for the GenZero line of food packaging products, building on Genpak's focus for sustainable packaging options	3
Large CPG Brand	 Global partnership for both R&D and manufacturing of biodegradable water bottles, dietary supplement containers, and food and beverage utensils 	1
Other	 Multiple contracts to provide PHA resins for a wide-variety of consumer product related applications 	13

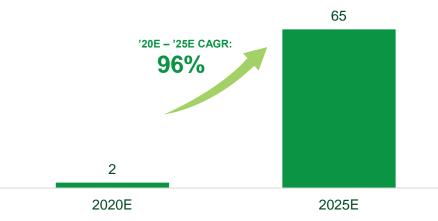


Organic Growth Opportunity: Expansion of Kentucky Facility

Doubling PHA Capacity at Newly Reconfigured Facility

- Danimer acquired the fermentation plant in Kentucky in December 2018 and simultaneously entered into a sale and leaseback transaction with the current REIT owner
- Danimer plans to expand the Kentucky plant capacity using a two-phased approach with full support from the REIT owner
 - Phase I (Completed 2020): ~\$44mm in real estate improvements, additional equipment and installation to bring the first 3 fermenters online to produce ~20mm lbs. of annual finished products
 - Phase II (2021E): ~\$96mm⁽¹⁾ to be invested in additional engineering, equipment, installation costs and real estate expenditures to bring the plant to its anticipated full capacity of ~65mm lbs. of annual finished products
- The experience gained in Phase I has created a strong roadmap for Phase II and has provided the Company with more opportunity to enhance the final plant design and production process

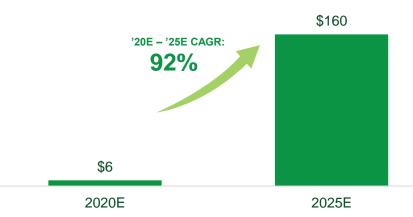
Kentucky Facility Forecast PHA Finished Products Volume (Millions of lbs.)





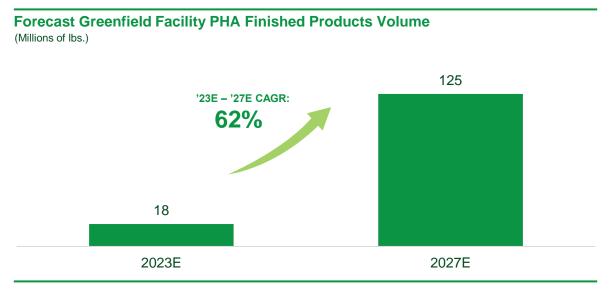
Kentucky Facility Forecast Revenue

(\$Millions)

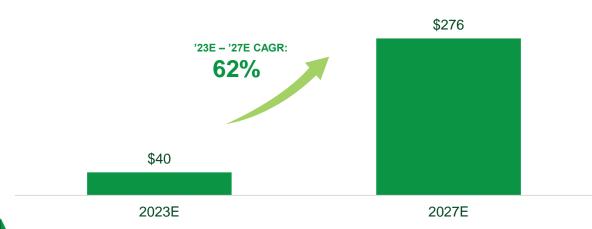




Organic Growth Opportunity: Greenfield Facility



Forecast Greenfield Facility PHA Revenue (\$Millions)



Greenfield Facility Overview

Timing

- Ground breaking expected in Q1 2022
- ~18 months of construction

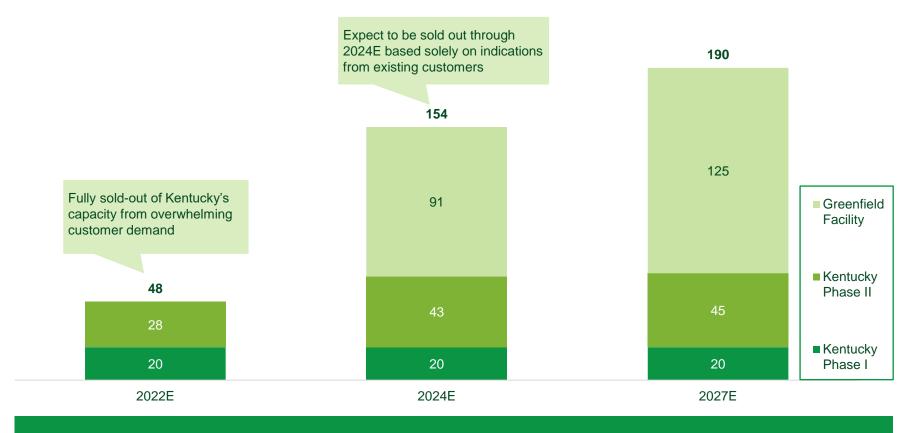
Capacity

- ~125mm lbs. of annual finished products expected by 2027
- Pre-construction engineering and scale-up work are expected to take place in 2021 for the first Greenfield plant
- The Company then plans to break ground on the facility in the first quarter of 2022 with a total construction period of ~18 months
- Capacity expected to start to come online in Q4 2023E
- Based on the current pipeline, the Company forecasts that the Greenfield plant will be sold out through 2025 without signing any additional customers
- Productivity improvements expected to continue through September 2027
 - Capacity to continue onsite expansions



Fully Sold-out through Phase II Capacity Build-out

- ✓ Kentucky Phase I, Phase II and Greenfield are expected to be fully financed with this offering
- ✓ Debt capacity available to continue high growth rate without the need for additional equity



✓ Significantly faster PHA demand expected with broader applications and mandated adoption



Experienced Leadership Team and Board of Directors with Proven Track Record

Leadership Team



Stephen Croskrey
Chief Executive Officer









John Dowdy, III
Chief Financial Officer







Phil Van Trump
Chief Science &
Technology Officer





Michael Smith
Chief Operating Officer









Scott Tuten
Chief Marketing &
Sustainability Officer





Board of Directors



Stephen Croskrey

Chairman of the Board Chief Executive Officer







Stuart Pratt
Member of the Board
of Directors





Dr. Isao Noda Member of the Board of Directors





Greg Calhoun

Member of the Board

of Directors





Greg Hunt
Member of the Board
of Directors





Christy Basco
Member of the Board
of Directors





Rick Hendrix
Member of the Board
of Directors





John Amboian
Member of the Board
of Directors







Financial Overview





Indicative Transaction Overview

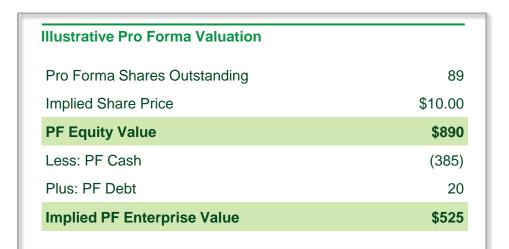
Shares and \$ in millions (other than share price)

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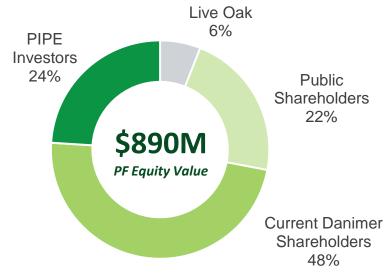
Sources	
Cash Held in Trust	\$200
Danimer Shareholder Equity Rollover	430
PIPE Proceeds	210
Total Sources of Funds	\$840
Uses	
Equity Issued to Danimer	\$430
Estimated Transaction Fees	25
Remaining Cash (Balance Sheet)	385
Total Uses of Funds	\$840

Illustrative Pro Forma Capitalization

- Expected pro forma enterprise value of ~\$525mm at closing
- Implied pro forma enterprise value of 1.2x 2024E revenue or 3.6x 2024E EBITDA
- Transaction earnout to be 2.5mm shares at \$15 in first three years, 2.5mm shares at \$20 in first five years, and 1mm shares at \$25 in first five years



Illustrative Pro Forma Ownership

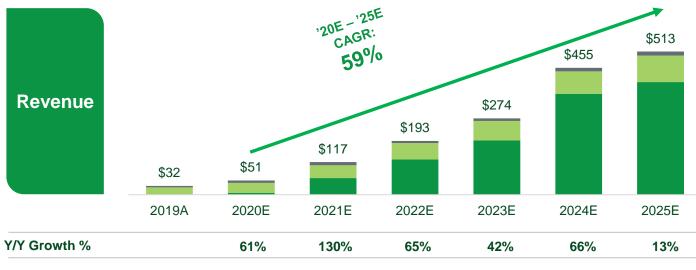


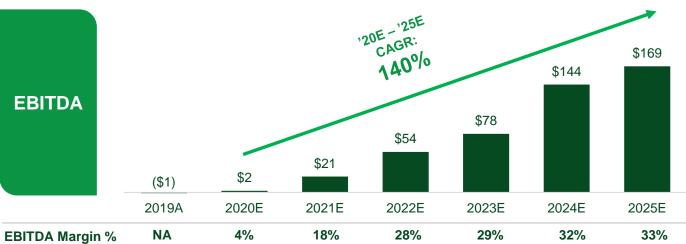


Financial Overview

Assumes Phase II Expansion and Greenfield Facility – Danimer to run at steady state and with no additional capacity being added

(\$Millions)





- PHA resins are expected to be the main revenue stream, and are expected to grow significantly as current contracts have led to a fully sold-out position through 2022E using just the Phase II capacity buildout, and expected to grow further in 2024E as the fermenters from the Greenfield facility are expected to approach full utilization
- EBITDA margin expected to reach ~30% upon full utilization of the Kentucky facility in 2023E
- Beginning in 2024E, operational efficiencies from the Greenfield facility expected to result in EBITDA margins in excess of 30%
- Company to be substantially unlevered with debt capacity to internally finance expected continued high growth rate from 2025E forward



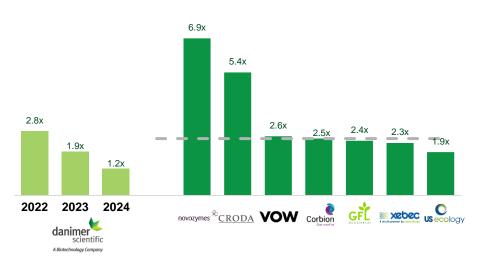
Transaction Price Benchmarking

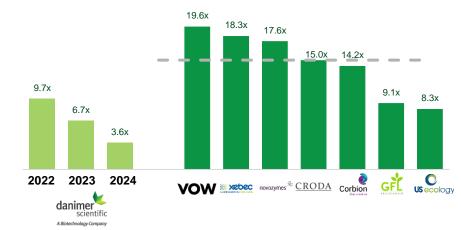
2022E TEV/ Revenue

Median: 2.5x

2022E TEV/ EBITDA





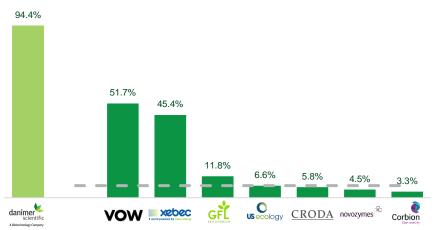


2020E-2022E Revenue CAGR

Median: 6.6%

2022E EBITDA Margin

Median: 22.6%







Source: Capital IQ as of 08/31/2020

Enterprise Value Pricing

Methodology

- Apply a range of 10.0x 12.0x 1-year forward multiples to Danimer's 2025E EBITDA
- Multiple range is a discount to public comparables of ~15x, underscoring upsides to transaction value
- The resulting future enterprise value is discounted back by 4 years to arrive at an implied enterprise value
- The transaction value implies a 70% discount to the midpoint of the implied future enterprise value and 40% discount to the midpoint of the discounted enterprise value

Assumptions

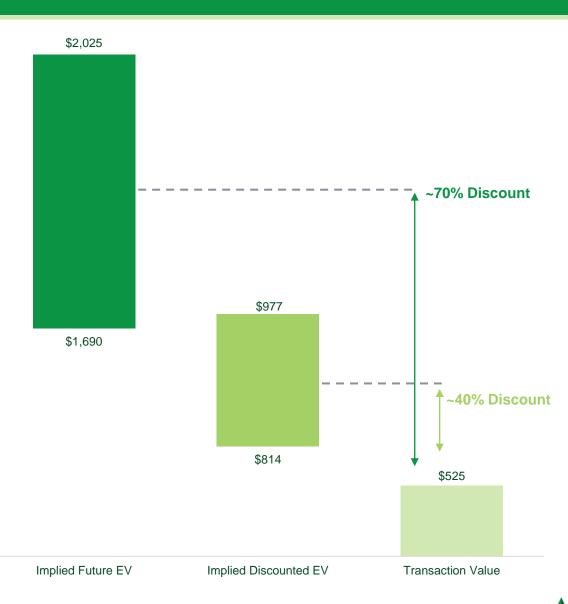
■ Forward year multiples: 10.0x – 12.0x

■ 2025E EBITDA: \$169 million

■ Discount rate: 20%

Implied Discounted EV Sensitivities

		EBITDA Multiples					
		10.0x	11.0x	12.0x	13.0x	14.0x	
Rate	15.0%	\$965	\$1,061	\$1,158	\$1,254	\$1,351	
Discount I	17.5%	885	974	1,062	1,151	1,240	
Disc	20.0%	814	895	977	1,058	1,139	





Capital Expenditures Schedule

Capital Expenditures (2020E – 2025E)



- Danimer intends to spend ~\$100mm on capital expenditures⁽³⁾ to build out the Kentucky PHA facility between 2020 and 2022; with the process being completed in two phases:
 - Phase I construction is complete⁽⁴⁾
 - Phase II construction expected to be completed by the beginning of Q2 2022 with the majority of the capex allocated to 2021
- Expected annual maintenance capex to vary between \$7.0 and \$13.0mm
- Inclusive of Phase I and Phase II having \$1.4mm and \$1.5mm in annual maintenance capex respectively (\$2.9mm total)
- Danimer's Greenfield Facility expected to begin in Q1 2022 and conservatively expected to require a total of \$285.0mm of capital expenditures including \$10.0mm in engineering costs. Majority of capex spend expected to occur in 2022E with the project construction to conclude in 2023E
 - Intention to build 3 fermenters used for PHA production
 - Expected annual maintenance capex of \$5.5mm starting in July 2023E



- 1) ROIC calculated based on taking Year 2 EBITDA of each project divided by the respective initial capital investment.
- (2) Capex excludes 2019A capex of \$1.8mi
- (3) Kentucky facility Phase II capex shown is only growth capex, maintenance capex for the plant is included in the overall maintenance capex number.
 - Phase I capex of \$13.5mm not included in total capex.

Investment Highlights



7 Experienced Leadership Team and Board of Directors with Proven Track Record





Appendix





Financial Summary

FYE Dec \$ in mm	2019A	2020E	2021E	2022E	2023E	2024E	2025E
Income Statement Data							
	A O I T	A - 4 0	* 4 4 - 0	* 400 -	* • • • •	* 4 - 4 -	A - 40 -
Total Revenue	\$ 31.7	\$ 51.0	\$117.0	\$192.7	\$273.5	\$454.7	\$512.7
COGS	(17.4)	(30.3)	(70.8)	(108.7)	(157.7)	(259.6)	(290.2)
Operating Expenses	(22.1)	(23.0)	(35.0)	(40.2)	(55.0)	(75.8)	(79.2)
Operating Income	\$ (7.8)	\$ (2.2)	\$ 11.3	\$ 43.8	\$ 60.8	\$119.3	\$143.3
Total Other Income / (Expense)	(4.9)	5.1	6.6	(15.4)	(20.5)	(30.9)	(36.9)
Net Income (Loss)	\$ (12.7)	\$ 2.9	\$ 17.9	\$ 28.4	\$ 40.3	\$ 88.4	\$106.3
EBITDA	\$ (1.0)	\$ 2.1	\$ 21.3	\$ 54.3	\$ 78.4	\$144.5	\$168.8
Statement of Cash Flows Data							
Net Cash from Operating Activities	(1.9)	(16.2)					
Net Cash from Investing Activities	(35.4)	(30.7)					
Net Cash from Financing Activities	40.1	405.8					
Balance Sheet Data							
Cash and Cash Equivalents	6.3	365.2					
Total Assets	147.8	528.0					



Total Liabilities

127.0

100.9

EBITDA Reconciliation

FYE Dec \$ in mm	2019A			
Net Income	\$ (12.7)			
(+) Stock Based Compensation	3.1			
(+) Depreciation & Amortization	3.6			
(+) Cash Interest Expense	2.0			
(+) Noncash Interest Expense	1.5			
(+) Tax Expense	0.0			
(+) Other Expense	8.0			
(-) Debt Forgiveness	(5.5)			
(-) Gain on Disposal of Assets	(0.3)			
(-) Interest Income	(0.7)			
EBITDA	\$ (1.0)			



Glossary

Term	Definition
РНА	Polyhydroxyalkanoates or PHA, is a polyester produced in nature through the fermentation of vegetable oils; PHA is extracted for the production of bioplastics
PLA	Polylactic Acid or PLA, is a polyester with a specific base formula that is produced with renewable resources; lactic acid is extracted for the production of bioplastics
Biopolymer	Plastics derived from renewable resources which may or may not be biodegradable
Extrusion Coating	Applying a coating of resin on to a material
Reactive Extrusion	Manufacturing process that combines traditionally separated polymers and extrusion (melting) into a single process carried out by an extruder
PEF / PP / PE / PET	Subsets of petroleum-based / petrochemical-based plastics; these are non-degradable and non-compostable
Nodax [®] PHA	Danimer's proprietary brand of PHA biopolymers
Aerobic / Anaerobic Environment	An aerobic environment is characterized by the presence of free oxygen (O2) while an anaerobic environment lacks free oxygen but may contain atomic oxygen bound in compounds such as nitrate (NO3), nitrite (NO2), and sulfites (SO3)
QSRs	Quick-Service Restaurants

