

# **2020 Earnings Presentation**

March 29, 202





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### **Key Messages for Today**







# Danimer is a next generation bioplastics company

- Danimer is a high-growth next generation ecotech company that produces 100% biodegradable polymers for use in plastic applications
- The company's PHA was the first polymer to be certified as marine degradable



### Our growth is unrivaled

- Intense demand from blue chip multinational customers continues to grow
- This demand makes doubling Greenfield compelling



#### Our addressable market is massive

- Our TAM is 500Bn lbs
- 800Bn lbs of plastic produced annually, with 650Bn lbs ending up in landfills or the ocean
- Danimer's products can replace 65% of annual plastic production



#### Our strategy is unchanged

- Eliminate plastic waste from the environment
- Align growth/expansion with customer demand



### **Danimer is a Next Generation Bioplastics Company**

1 Highly Attractive PHA Technology Serves as a Best End-of-Life Solution for Plastics

- Significant Tailwinds From Increased Corporate and Legislative Initiatives on Environmental Impact of Global Pollution Crisis
  - Leading PHA Innovator with Patent Protected Technology and 13 Years of Production Know-How
  - Strong Partnerships with CPG Brands, Including Pepsi and Nestle, and Key Converters such as Wincup and Genpak
  - 5 Rapidly Growing Blue Chip Customer Base Driving Demand in Excess of Current Capacity

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



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## Biopolymers are Fully Compostable or Degradable at the End of Life



Non-renewable

**Beginning of Life** 

Industrial Compostable

Home Compostable

Soil Degradable

Fresh Water Degradable

Marine Degradable

Landfills

**Waste in Nature** 







**End of Life** 



### Danimer is at the Forefront of Sustainability and ESG Leadership

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



#### **Biodegradability**

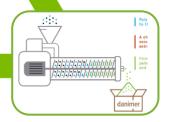
- Able to effectively biodegrade in both anaerobic and aerobic environments such as a waste treatment facility or the ocean
- PHA is 100% biodegradable in the presence of bacteria in all environments
- PLA is certified for industrial composting





#### **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 is Addressing the Growing Global Plastic Pollution Crisis

# End-of-Life Pathways of All Plastics Ever Generated<sup>(1)</sup>



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#### **Addressable Plastics Market**



**17 Billion lbs** of Plastic in the **Ocean** Annually <sup>(2)</sup>

640 Billion lbs of Plastic in Landfills and Nature Annually

- Currently, bioplastics make up less than 1% of the global plastics market positioning Danimer to capture future market share<sup>(3)</sup>
- 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<sup>(2)</sup>

















Source: European Bioplastics, nova-Institute. 2019.

### Danimer is at an Inflection Point in its Growth

#### 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



#### 2019

First PHA Supply Contracts Executed



#### 2020

New Partnership with Bacardi to create a 100% biodegradable spirits bottle



#### 2021

New Partnership Agreement with Mars Wrigley to develop home compostable packaging



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

#### 2018

Received equity investment from PepsiCo



#### 2020

First Shipment from Kentucky Facility in March



#### 2020

Public Listing of Danimer on NYSE







### **2020 Financial Summary**

#### **Key Messages**

- Overall trajectory of business remains intact
- Phase I not scaled to plan due to COVID-19
- Costs were relatively higher in the short term from:
  - Higher Phase I costs due to lack of scale
  - Ramp costs in Kentucky facility
  - Higher transaction costs related to De-SPAC process

Financial Summary

#### \$MM

· ·				
	4Q'20	4Q'19	FY'20	FY'19
Sales	\$12.0	\$8.7	\$47.3	\$32.3
Adj. Cost of Sales (1)	8.5	5.2	30.7	18.4
Adj. Gross Profit	3.5	3.5	16.6	14.0
R&D <sup>(1)</sup>	1.9	1.7	6.5	4.3
SG&A <sup>(2)</sup>	2.9	3.3	9.8	8.2
Adj. EBITDAR	(\$1.3)	(\$1.4)	\$0.4	\$1.5
Rent (3)	1.0	0.8	3.6	3.1
Adj. EBITDA	(\$2.3)	(\$2.2)	(\$3.2)	(\$1.6)

- (1) Excludes Depreciation, Rent, and Stock-Based Compensation
- (2) Excludes Stock-Based Compensation, Rent, Depreciation & Amortization and one time items
- (3) Rent expense primarily results from a sale leaseback agreement associated with the Kentucky facility



### **Modeling Assumptions for 2021**



- **Volumes:** Phase I production at ~50% of nameplate capacity at the beginning of the year, scaling to 100% by end of year
  - Phase I turnaround scheduled for latter part of 2Q'21 to debottleneck and accelerate scale-up
  - Phase II production to commence in 2Q'22
- Operating Costs: Total SG&A and R&D costs expected to be \$27MM for the year excluding D&A, Stock-Based Compensation, and one-time items
  - Year-over-year increase due to acceleration of investments in headcount and research & development to support our rapid long-term expansion
- Cash Taxes: Zero cash taxes due to available NOLs
- Capital Expenditures: \$100 million to \$125 million, primarily to invest in the planned capacity expansions and Greenfield additions



### **Growing Blue Chip Customer Base Has Fueled Demand**

#### **Select Customers**

Customer since 2006



Customer since 2016







Customer since 2018

Customer since 2019

Customer since 2019







Customer since 2020

Customer since 2020









Customer since 2020

Customer since 2020

Customer since 2021







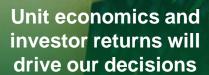


### **Summarizing Our Growth Plans**





We will look to de-risk our growth









- Customer-driven demand continues to be significant
- We will grow to meet this demand

- Focus on contracted volumes
- Customer demand in place before production begins

- We are a returns-focused company
- Our returns are well above our cost of capital



We Are Accelerating and Increasing Our Expansion Plans
Timing and Size of Future Expansions Will Follow Similar Framework



### **Greenfield Expansion Announcement**



- Today, Danimer is announcing the acceleration of its Greenfield Expansion Plan
- Greenfield expansion will be on a single site in Bainbridge, Georgia, consisting of 6 fermenters and 250MM total lbs. of finished product
- Previously-announced Greenfield had a nameplate capacity of 125MM lbs. of finished product
- With the expansion, Greenfield will have a nameplate capacity of 250MM lbs. of finished product, and is expected to start producing product in mid-2023
- Total capital for Greenfield is expected to be ~\$700MM (+ / 30% estimate)
  - We will have a + / 10% engineering estimate before breaking ground
- Cash ROIC Year 2 returns of ~30%
- The State of Georgia is a proud supporter of Danimer's local expansion, as the Greenfield investment will create hundreds of new manufacturing jobs and lead the way towards a "green manufacturing future"



### **Our Growth Plans**

Matching customer demand Attractive unit economics to Each project has high returns on with our growth drive returns invested capital 2019 2020 2021 2022 2023 2024 2025 2026 2027 2030 Phase I Kentucky (Nameplate capacity: 20MM lbs. of finished product) **Production** Construction Phase II Kentucky (Nameplate capacity: 45MM lbs. of finished product) *Initiated in late 2020* **Production** Greenfield Expansion (Nameplate capacity 250MM lbs. of finished product) Engineering Initiated in 2021 **Production** 



## **Our Growth Plans (Cont'd)**

# Market Demand and Unit Economics Support Additional Capacity of 250MM lbs of finished product per year

Additional Plants (250MM lbs. of finished product each)

### **Expansion Benefits**

- Leverage single team
- Concurrent project planning
- Reduces lead times and costs

Timing and construction to be determined as demand warrants

1	Construction	Production				
2	Construction	Production				
3		Construction	Production			
4		Construction	Production			
5			Construction Production		Production	
6			Construction Production		Production	
7			Construction	Production		
8				Construction	Production	
9				Construction	Production	
10				Construction	Production	
11				Construction	Production	



### **Danimer is a Next Generation Bioplastics Company**

- Highly Attractive PHA Technology Serves as a Best End-of-Life Solution for Plastics
  - Significant Tailwinds From Increased Corporate and Legislative Initiatives on Environmental Impact of Global Pollution Crisis
    - Leading PHA Innovator with Patent Protected Technology and 13 Years of Production Know-How
    - Strong Partnerships with CPG Brands, Including Pepsi and Nestle, and Key Converters such as Wincup and Genpak
    - Rapidly Growing Blue Chip Customer Base Driving Demand in Excess of Current Capacity

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## **Appendix**





## **EBITDA and EBITDAR Reconciliation**

### \$MM

	4Q'20	4Q'19	FY'20	FY'19
Net Loss	(\$7.0)	(\$3.8)	(\$12.6)	(\$19.5)
Income tax expense (benefit)	-	(0.1)	-	4.1
Interest expense, net	0.9	0.6	2.1	3.1
Deprecation and amortization	1.8	0.9	4.6	3.5
Stock-based compensation	3.1	0.2	3.6	5.3
Other	(5.2)	-	(5.2)	1.9
Transaction related costs	4.0	-	4.3	-
Adjusted EBITDA	(\$2.3)	(\$2.2)	(\$3.2)	(\$1.6)
Rent	1.0	0.8	3.6	3.1
Adjusted EBITDAR	(\$1.3)	(\$1.4)	\$0.4	\$1.5



## **Adjusted Gross Profit Reconciliation**

### \$MM

	4Q'20	4Q'19	FY'20	FY'19
Total Revenue	\$12.0	\$8.7	\$47.3	\$32.3
Cost of Revenue	10.8	5.8	35.9	21.2
Gross Profit	\$1.2	\$2.9	\$11.5	\$11.1
Depreciation	1.6	0.5	3.6	2.4
Stock-based compensation	-	<del>-</del>	0.1	0.1
Rent	0.7	0.1	1.4	0.4
Adjusted Gross Profit	\$3.5	\$3.5	\$16.6	\$14.0