



Analyst Day
Investor Presentation

The world's leading carbon negative materials company

April 19, 2021

Forward Looking Statements and Disclaimers

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PARTICIPANTS IN SOLICITATION

Artius, Origin and their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from Artius’ shareholders in connection with the proposed transaction. Information about Artius’s directors and executive officers and their ownership of Artius’s securities is set forth in the Registration Statement described above. Additional information regarding the interests of those persons and other persons who may be deemed participants in the proposed transaction may be obtained by reading other documents Artius has filed, or will file, with the SEC regarding the Proposed Business Combination, including the definitive proxy statement when it becomes available. You may obtain free copies of these documents as described in the preceding paragraph.

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This presentation contains Origin’s projected financial information. Such projected financial information is forward-looking and is for illustrative purposes only. It should not be relied upon as being indicative of future results. The assumptions and estimates underlying such projected financial information are inherently uncertain and are subject to many significant business, economic, competitive and other risks and uncertainties. Refer to “Forward-Looking Statements” above. Actual results may differ materially from the results presented in such projected financial information, and the inclusion of such information in this presentation should not be regarded as a representation by any person that the results reflected in such projections will be achieved.

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Risk Factors Summary

Investing in this transaction involves a high degree of risk. Below is a summary of certain factors that make an investment in this transaction speculative or risky. This summary is not comprehensive. Additional discussion of the risks and uncertainties summarized in this risk factor summary, and other risks and uncertainties relevant to this transaction, are included under the heading “Risk Factors” contained in the proxy statement/prospectus related to this transaction.

Origin is an early stage company with a history of losses and its future profitability is uncertain.

Origin may be delayed in or unable to procure necessary capital equipment.

Origin has not produced its products in large commercial quantities.

Any decline in the value of carbon credits associated with Origin's products could harm Origin's results of operations, cash flow and financial condition.

Origin expects to rely on a limited number of customers for a significant portion of its near-term revenue.

Origin's offtake agreements with customers include termination, liquidated damages and/or advance repayment provisions that may be triggered if Origin fails to timely complete plant construction or commence its commercial operations.

Origin's products may not achieve market success.

Origin is subject to U.S. and foreign anti-corruption and anti-money laundering laws and regulations. Origin could face criminal liability and other serious consequences for violations, which would harm Origin's business.

Origin's operating plan may require Origin to source feedstock and supplies internationally, and foreign currency exchange rate fluctuations and changes to international trade agreements, tariffs, import and excise duties, taxes or other governmental rules and regulations could adversely affect Origin's business, financial condition, results of operations and prospects.

Origin's business relies on proprietary information and other intellectual property, and Origin's failure to protect its intellectual property rights could harm its competitive advantages with respect to the use, manufacturing, sale or other commercialization of Origin's processes, technologies and products, which may have an adverse effect on Origin's results of operations and financial condition.

Origin may face patent infringement and other intellectual property claims that could be costly to defend, result in injunctions and significant damage awards or other costs (including indemnification of third parties or costly licensing arrangements, if licenses are available at all) and limit Origin's ability to use certain key technologies in the future or require development of non-infringing products or technologies, which may cause Origin to incur significant unexpected costs, prevent Origin from commercializing its products and otherwise harm its business.

Origin relies on trade secrets to protect its technology, and Origin's failure to maintain trade secret protection could limit its ability to compete.

Origin's management has limited experience in operating a public company.

Visionary leadership team with long history of creating shareholder value



John Bissell
Founder & Co-CEO

- Founded Origin Materials in 2008
- Featured on Forbes 30 under 30
- B.S. Chemical Engineering, UC Davis



Rich Riley
Co-CEO

- Former CEO Shazam and senior executive at Yahoo!
- 20+ years managing rapid-growth organizations
- Featured on Forbes 40 under 40 and Billboard's Power 100
- Investor in Origin since 2010
- B.S. Economics, Wharton School, UPenn



Nate Whaley
CFO

- 20 years C-Suite experience scaling complex high growth business across industries
- B.S. Civil & Environmental Engineering; MBA, UC Davis



Charles Drucker
Executive Chairman

- Former Chairman & CEO at Vantiv/WorldPay; global executive with extensive Fortune 500 network
- Over 30 years as highly successful technology/fin-tech operator; created over \$40bn of value for Vantiv/WorldPay over a 10-year period as CEO



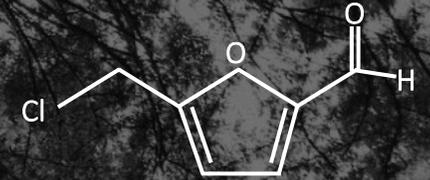
Boon Sim
CEO & CFO

- Managing Partner of Artius Capital Partners
- 30+ years of investment and financial services experience; formerly President, Head of Americas and International Groups of Temasek and Head of Global M&A of Credit Suisse/First Boston
- Board member of Canadian Pension Plan Investment Board ("CPPIB")



Origin Materials – At a Glance

The world's leading carbon negative materials company



Disruptive Materials Technology Company



Origin produces low and negative carbon materials

Decarbonizing Platform Technology



Enables customers' net-zero commitments

Enormous TAM

~\$1+ Trillion

\$390Bn near-term focus in polyesters; \$750Bn across broad range of materials

Cost advantaged



Timber feedstocks are competitive with oil and ~10x cheaper than bio alternatives

Global Fortune 500 Customers & Investors

11% Owned by customers who are also investors¹



Massive Customer Demand²

\$2.4Bn and growing

from a diverse mix of industries

Protected & Validated Technology

19 Patent Families

Core technology protected in key countries

Funded to Commercial Scale³

\$863Mn

Origin expected to be fully financed until EBITDA positive with anticipated financing and grants

1. Represents combined ownership by PepsiCo, Danone and Nestle prior to this transaction.

2. Includes \$779Mn in offtake agreements, \$1.096Bn in capacity reservation agreements, and \$547Mn in negotiations with potential customers, with \$264Mn specified as customer options. Figures assume maximum offtake amounts and exercise of full customer options. Refer to slide 21 for additional detail.

3. Refer to slides 37 and 48 for additional detail. Assumes no Artius share redemption.

Source: Origin Materials.

Leading institutions are committing to a net zero future

The global industrial complex is committed to decarbonization

2030



Patagonia
Carbon neutral by 2025



Proctor & Gamble
Net zero between 2020 – 2030

SIEMENS

Siemens
Net zero by 2030



LG
Carbon neutral by 2030



IKEA
Carbon negative by 2030



Microsoft
Carbon negative by 2030



Unilever
Carbon neutral before 2030

2030-2040



AT&T
Net zero by 2035



Walmart
Net zero by 2040



PepsiCo
Net zero by 2040



Amazon
Net zero by 2040



Mercedes Benz
Net zero by 2040



Best Buy
Net zero by 2040



General Motors
Carbon neutral by 2040

2040 - 2050



Michelin
Net zero by 2050



BP
Net zero by 2050



Danone
Net zero by 2050



Ford
Net zero by 2050



Nestlé
Net zero by 2050



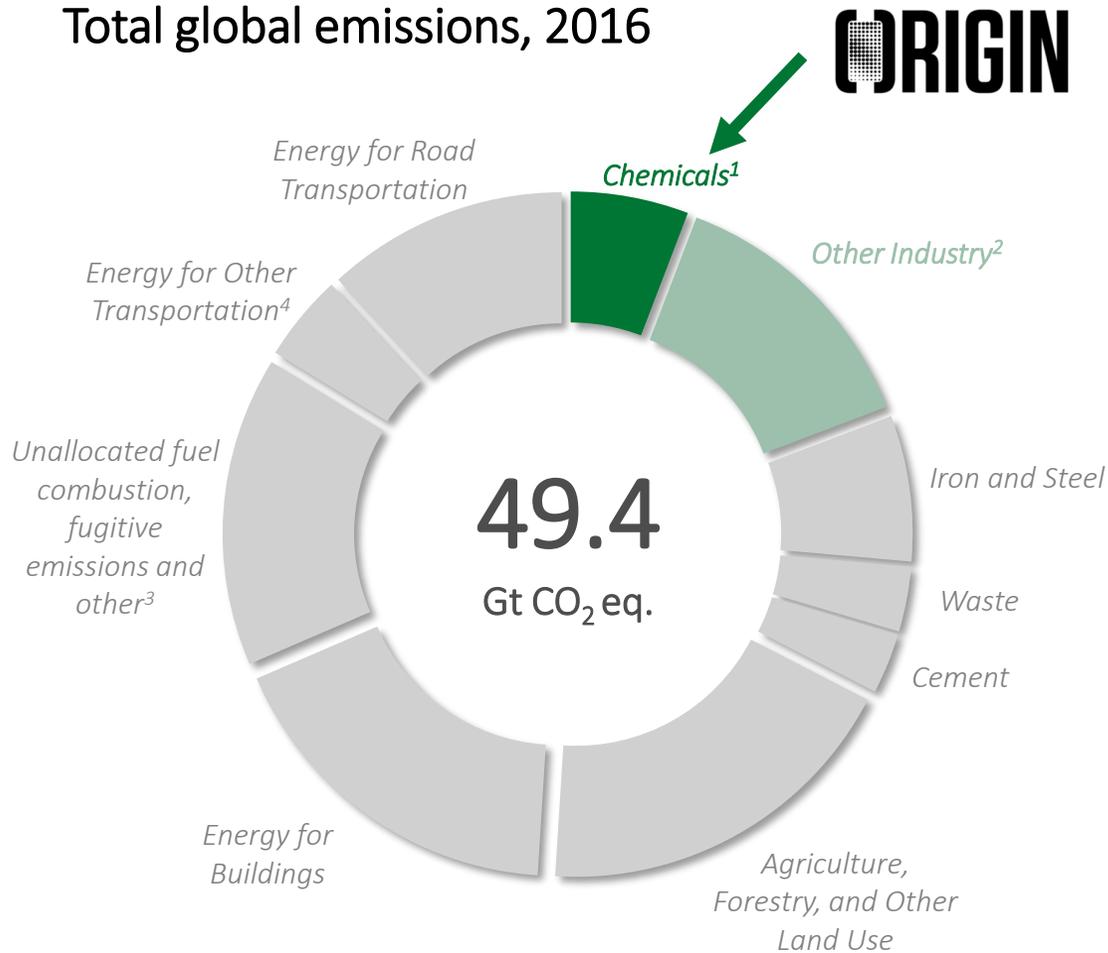
Nike
Net zero by 2050



Shell
Net zero by 2050

Nearly half of all global emissions come from making products

Total global emissions, 2016



Origin's mission is to enable the world's transition to sustainable materials

Fossil-based



10.6Mn

Daily barrels of oil consumed by the chemicals market

Sustainable-based



<1%

Of annually available 900Mn tons of forest residue and wood waste

Emitting



2.78kg

Carbon emissions per kg of fossil-based PET produced

Avoiding



>100%

Carbon reduction for Origin's PET vs. fossil-based PET

The Origin platform can replace oil as the foundational feedstock for the materials economy

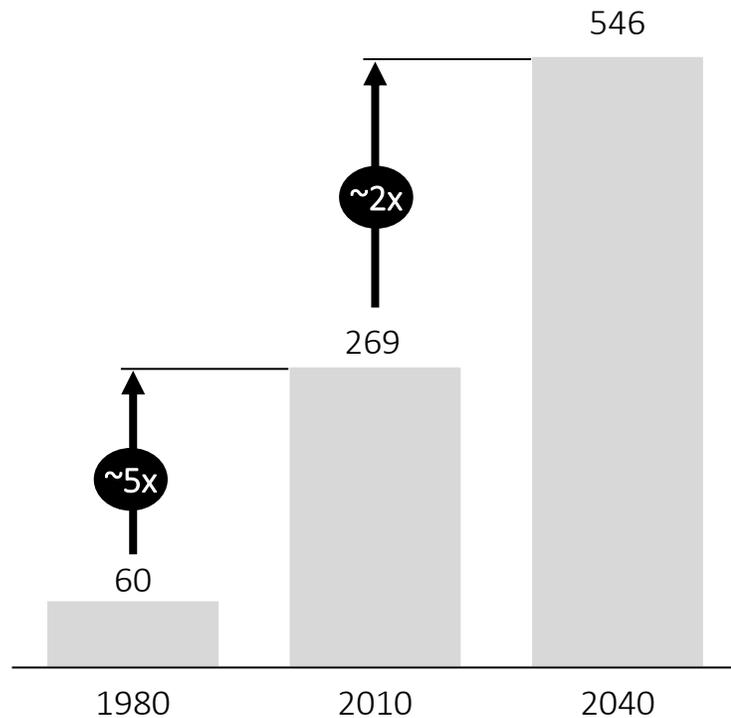
1. Includes energy-related emissions from the manufacturing of chemicals as well as direct industrial process. 2. Includes energy-related emissions in mining and quarrying, construction, textiles, machinery, food and tobacco, paper & pulp and other industries. 3. Includes energy-related emissions from the use of machinery in agriculture and fishing. 4. Includes energy-related emissions in aviation, shipping, rail and pipeline transportation.

Source: Origin Materials estimates, Climate Watch, the World Resources Institute (2020), ourworldindata.org.

Ubiquitous plastics are a prime target to begin reducing carbon emissions

Plastics enable modern life...

Million tons



... but we need better, scalable solutions



Drop-in ready – change only happens at scale

Transforming the materials economy won't happen in niche markets. Plastics permeate every sector and Origin's products are supply-chain ready alternatives for fossil-based feedstocks



Negative-to-low carbon

Sustainably harvested, renewable feedstocks (e.g., forest waste / residues) can convert naturally captured carbon into useable end products



Sustainable, end of life solutions (recycle first)

Responsible plastics use goes from 'cradle to grave'. Enabling the circular economy through high rates of recycling is a must for any solution

The Origin platform: 'Once in a planet' shift from fossil to decarbonized materials

Abundant, low-cost, bio-feedstocks



Origin Core Technology



✓ Carbon Negative

✓ Flexible

✓ Lowest Cost, Beats Petroleum

"CMF"
5-Chloro-methyl-furfural

ClCC1=CC=C(C=O)O1

"HTC"
Hydrothermal Carbon

C

Countless products can be manufactured using Origin's carbon negative materials...

NOT EXHAUSTIVE

Textiles and fabrics






Next-gen packaging






Paints, coatings, and epoxies






Filler for tires and more

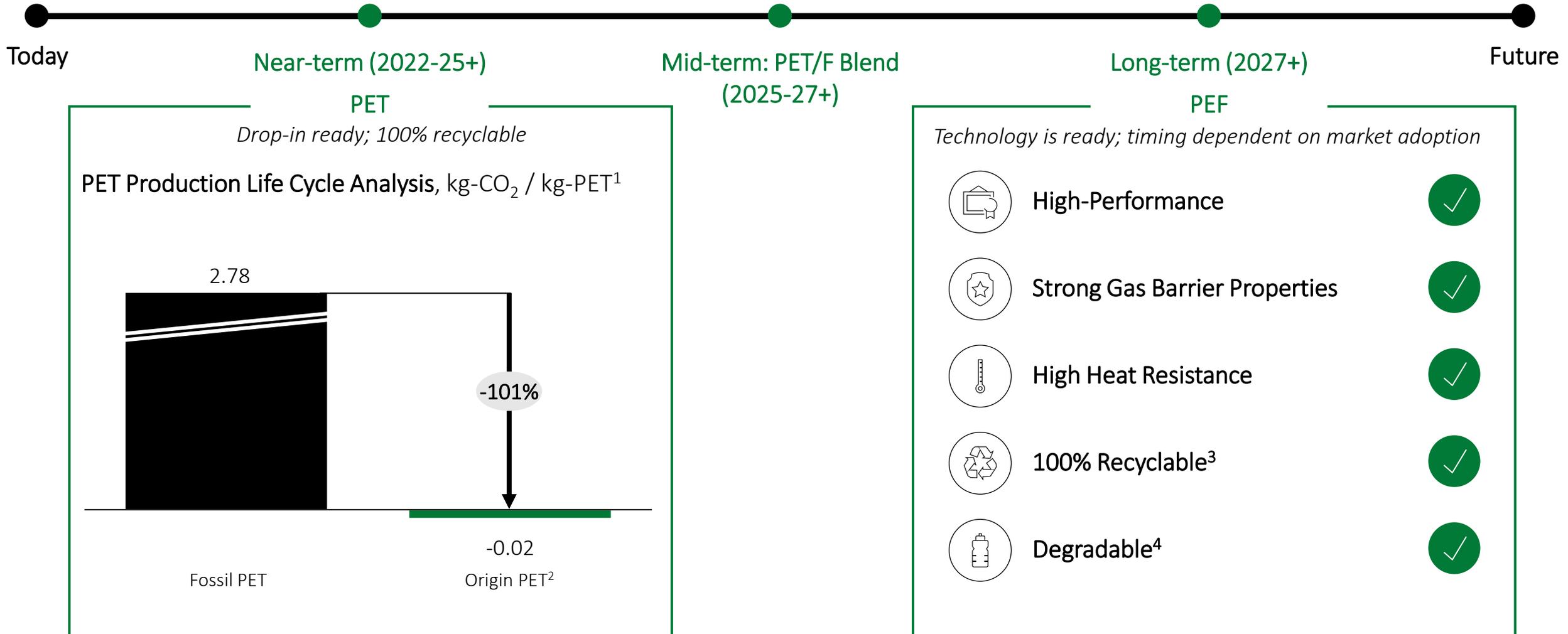
Solid fuels





Agriculture & soil products

Origin's CMF is a carbon negative solution for recyclability and degradability



1. Process step carbon impacts are derived from Deloitte ISO compliant LCA report. Deviations from supply chain described in LCA report may affect carbon impacts. 2. Southern Pine based bio-PET. 3. PEF can be recycled by the same mechanical methods used for PET. Currently there are no independent PEF recycling stream or U.S. guidelines for blending PEF and PET streams. 4. PEF degradation time in industrial composting conditions (58 °C) range from 7 to 13 months to 90% degradation, depending on conditions, according to "First Results Accelerated Tests Biodegradation of PEF," Organic Waste Systems (OWS), Gent, Belgium.
Source: Origin Materials.

Origin's HTC is a diverse, high-potential carbon negative platform material



A drop-in ready, energy dense, fuel alternative

Net 0 Carbon footprint

>7% Annual growth rate of fuel pellet market

A carbon negative solution for food and water treatment

~500 - 3,000 m²/g – Ultra high surface area

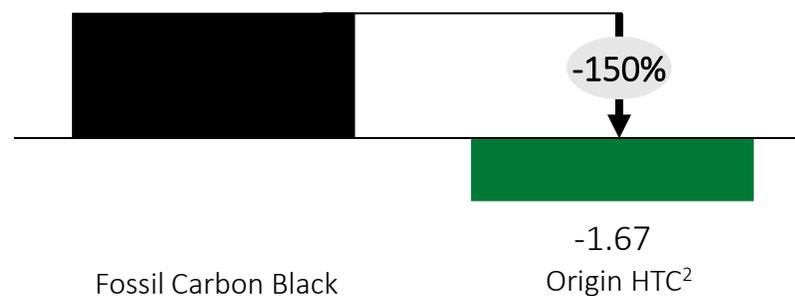
>8% Annual growth rate of activated carbon market



A carbon negative carbon black replacement for tires, foams, and dyes

No Detectable Carcinogens¹

Carbon Black Production Life Cycle Analysis, kg-CO₂ / kg-Carbon Black



A next-generation agriculture additive to improve farming efficiency

Key Properties

- Porous, High Surface Area
- Available Water Capacity
- High Cation Exchange

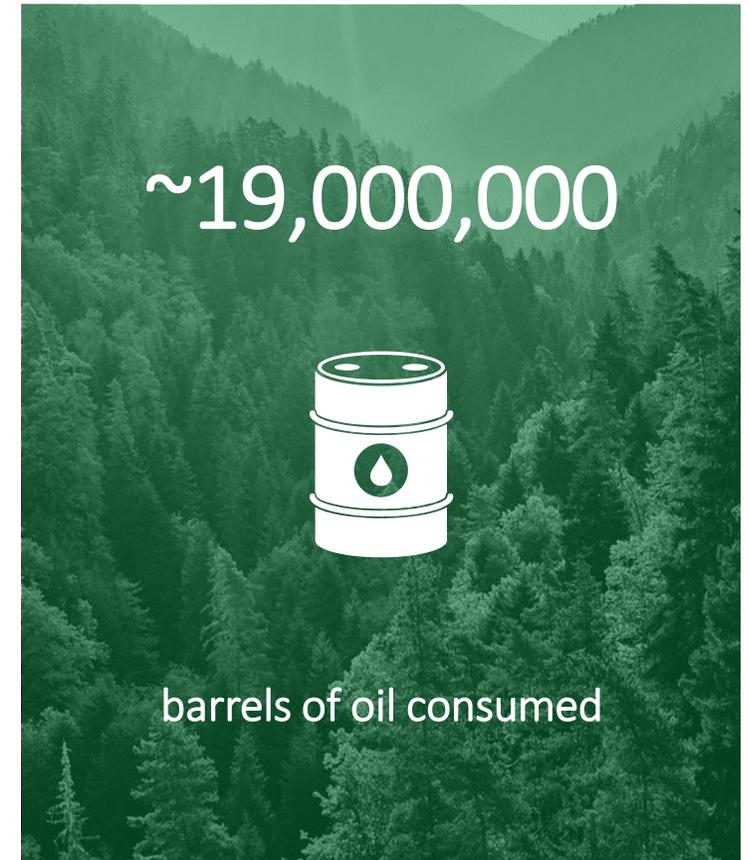
Applications

- Biochar, slow-release fertilizer, microbes / biologics, soil amendment

1. Origin carbon black does not contain any PAH, or polyaromatic hydrocarbons, which are carcinogens found in fossil carbon black.
 2. Derived from Deloitte ISO compliant LCA report. Deviations from supply chain described in LCA report may affect carbon impacts.
 Source: Origin Materials, PBL Netherlands Environmental Assessment Agency.

Origin's platform technology decarbonization impact

By 2030, Origin's operating plants are expected to annually avoid $\sim 8.3\text{MMT}^1 \text{CO}_2$ equivalent to approximately...



1. Million Metric Tons.

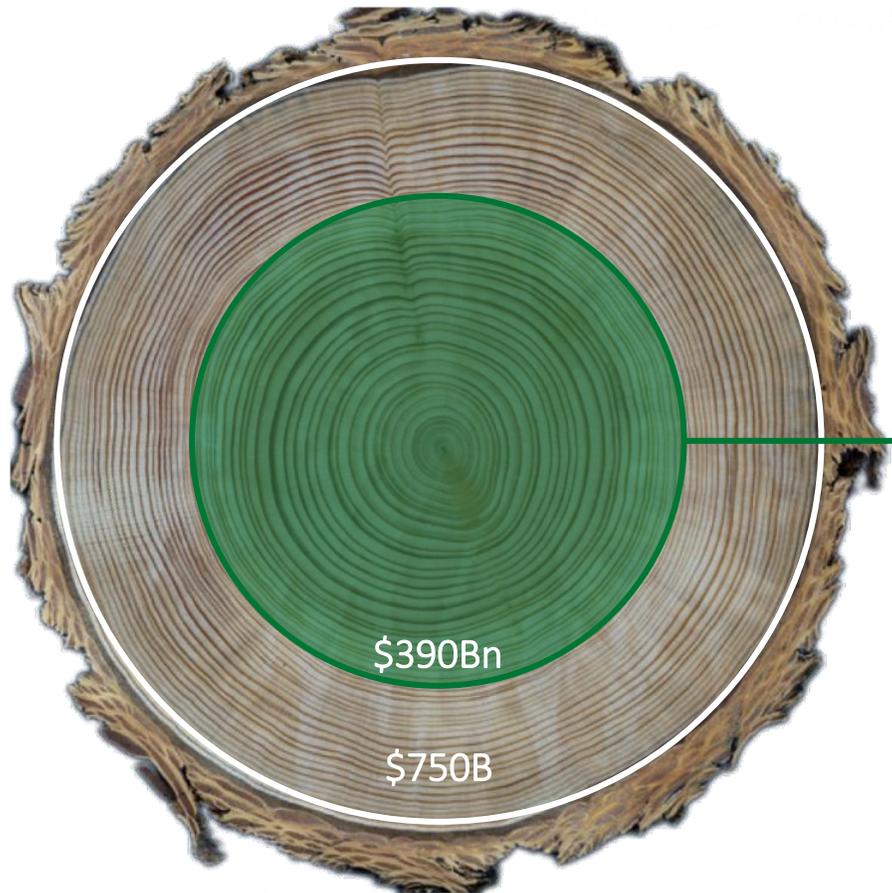
Source: Origin Materials calculations based on 6 commercial scale plants and plant life cycle impact estimates. U.S. Environmental Protection Agency greenhouse gas equivalencies calculation: <https://www.epa.gov/energy/greenhouse-gas-equivalencies-calculator>

Estimated total addressable market for Origin products is more than \$1Trn

Origin addresses a growing market with broad applications

 HTC market
  CMF market

Cumulative TAM = >\$1Trn



Markets	Market Size
	\$

PET Fiber	~\$175Bn
-----------	----------

-  Apparel
-  Carpet

PET Resin	~\$145Bn
-----------	----------

-  Food and beverage packaging

Carbon	~\$70Bn
--------	---------

-  Tires
-  Activated Carbon
-  Foams
-  Fuel pellets

Near term focus pre-2030
>\$390Bn market



Near-term focus TAM is expected to grow by ~\$15Bn annually

Estimated total addressable market for Origin products is more than \$1Trn

Origin addresses a growing market with broad applications

Cumulative TAM = >\$1Trn



Select Markets | Market Size
\$

Paints & Coatings	~\$30Bn
Colorants	
Soil Additives	~\$40Bn
Soil Nutrients	
PEF	~\$225Bn
Apparel	PET Applications
Packaging	
Epoxies	~\$15Bn
Adhesives	
Coatings	
Plasticizers	~\$18Bn
PVC Piping	

HTC market CMF market

Long term focus post-2030
>\$750Bn market



Origin is supported by Global Fortune 500 companies

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By Waqas Qureshi 10 September 2018

PepsiCo joins Danone and Nestlé Waters in bio-based bottles R&D partnership

PepsiCo has joined the NaturALL Bottle Alliance, which is conducting an R&D partnership to develop 100% bio-based bottles.



We believe total estimated plastics demand from these three customers represents...

4.75Mn
Tons

~20

Commercial facilities required to meet PET demand¹

1. Illustrative opportunity from fulfilling estimated PET portion of PepsiCo, Danone, and Nestlé Waters combined annual consumption of 4.75 million tons of plastics / year. Source: Company websites; Origin Materials management estimates.

AECI SANS Technical Fibers Partnership



“Origin Materials and AECI SANS Technical Fibers to Develop Carbon-Negative Materials for Apparel and Automotive Applications” – April 5, 2021

- AECI SANS Technical Fibers is a leader in engineered thread for high-performance apparel and automotive applications
- Expands existing joint development agreement in order to develop high-performance fibers for diverse thread applications serving the apparel, footwear and automotive industries
- AECI SANS Technical Fibers signed a capacity reservation agreement for carbon-negative PET and next-generation polymers produced using the Origin platform



AECI Much Asphalt Partnership



“Origin Materials and AECI Much Asphalt to Develop Low-Carbon Asphalt” – April 6, 2021

- AECI Much Asphalt is the largest commercial asphalt producer in southern Africa
- Region’s leading manufacturer and supplier of hot and cold mix asphalt products, and a manufacturer, supplier and applicator of bituminous road binders, emulsions, primes, pre-coats and modified binders
- The collaboration is expected to create substantial value in the developing African market, where AECI Much Asphalt is currently active



Packaging Matters Partnership



“Origin Materials and Packaging Matters Launch Partnership to Develop Advanced Carbon-Negative Packaging Solutions, Building on Existing 10-Year Supply Agreement” – April 12, 2021

- Packaging Matters is a leader in packaging innovation with several Fortune 100 food companies as customers
- Development work to produce advanced packaging materials, including PEF
- Packaging Matters will transition its virgin petroleum-based PET purchases to sustainable carbon-negative PET from Origin Materials.
- As the companies make progress on developing PEF applications, some or potentially all of the supply is expected to transition to PEF
- 40+ years PET experience
- 3 manufacturing facilities in the United States

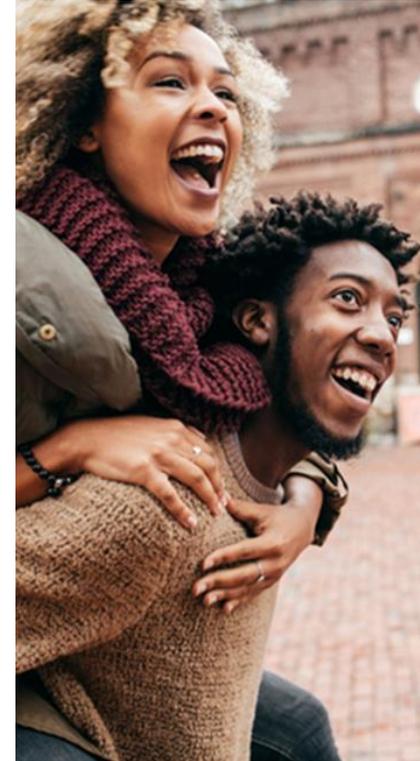


PrimaLoft Partnership



“Origin Materials and PrimaLoft Form Strategic Alliance to Develop Carbon-Negative Insulating Fiber for Outdoor Gear, Bedding, and Apparel” – April 19, 2021

- PrimaLoft is advanced material technology company and a world leader in the development of high-performance insulations and fabrics
- Launched strategic alliance to develop high-performance, carbon-negative insulating fibers for diverse apparel applications, including for leading outdoor, fashion, and lifestyle brands, plus home goods applications such as hypoallergenic insulated bedding
- Signed capacity reservation agreement for carbon-negative PET produced using the Origin Materials technology platform
- Fibers to address demand for sustainable, high-performance materials from over 900 global brand partners
- PrimaLoft iconic brand partners include Patagonia, Stone Island, L.L. Bean, Lululemon, adidas and Nike



Solvay Partnership

Solvay and Origin Materials to Develop Advanced Carbon-Negative Materials for Automotive Industry

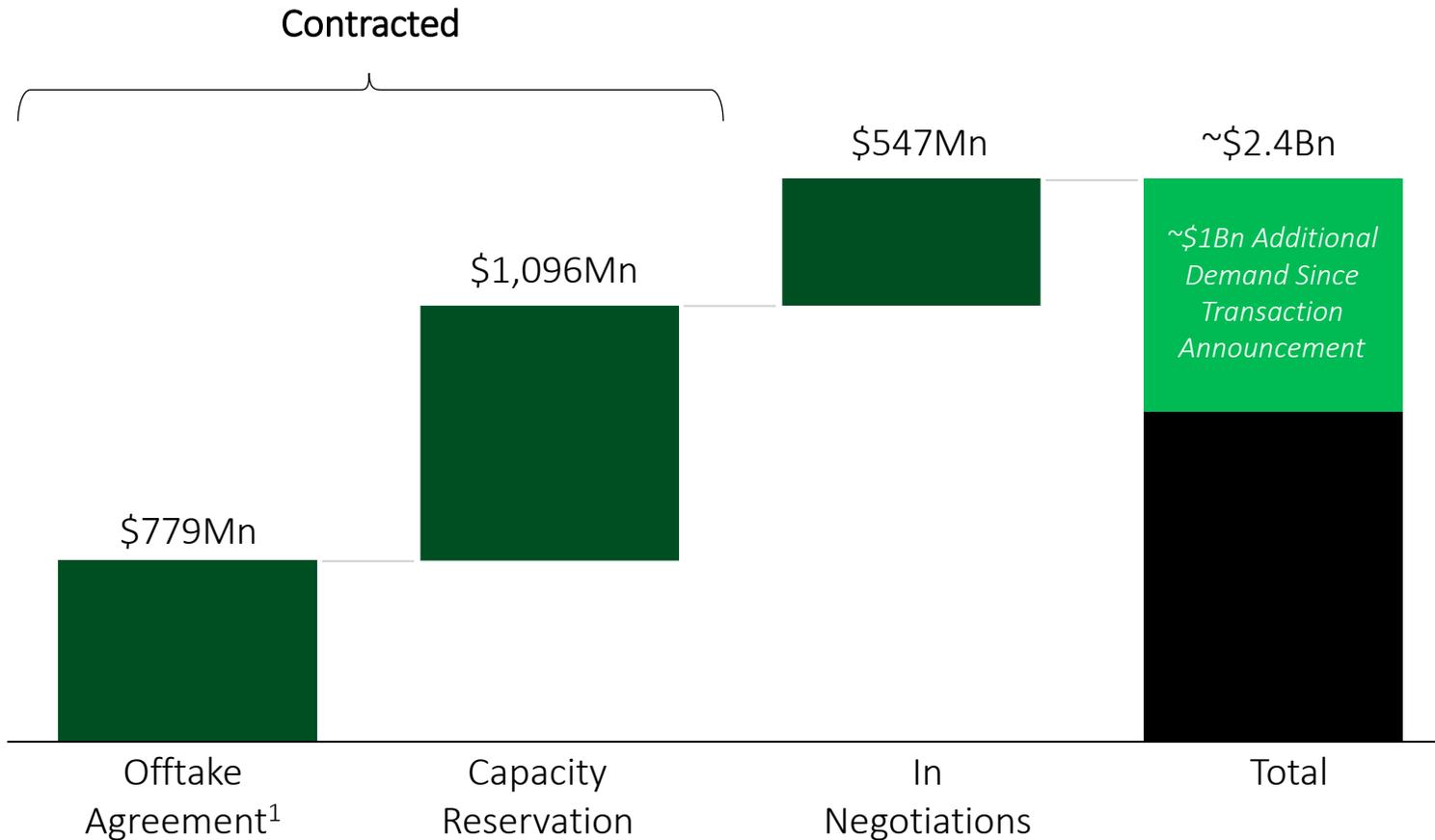
- Solvay, founded 1863, is a global leader in chemicals and materials with more than 23,000 employees in 64 countries, and net sales of €9 billion in 2020
- Collaboration to develop advanced materials for the automotive industry, including a drop-in ready specialty polyamide, a polymer for internal combustion engine technology as well as e-mobility systems like e-motors and power electronics that can provide resistance to heat, toughness, corrosion, and operate at high voltages
- The companies believe these materials will be critical to decarbonize supply chains in the automotive industry and achieve the zero-carbon car
- “The cooperation with Origin Materials is a new important element in our continuous commitment to sustainability which, together with our customers, is at the heart of our operations and growth strategy,” said Mike Finelli, President of Solvay Specialty Polymers. “Today carbon negative-materials can be added to the evolution of our sustainability roadmap, which already includes different actions from the integrated use of renewables to generate electricity in our plants to pursuing more sustainable products with bio-sourced monomers or recycled content.”



Origin has generated ~\$2.4Bn in customer demand

~\$1.9Bn in either offtake agreements or capacity reservations¹

Customer demand, \$Mn cumulative

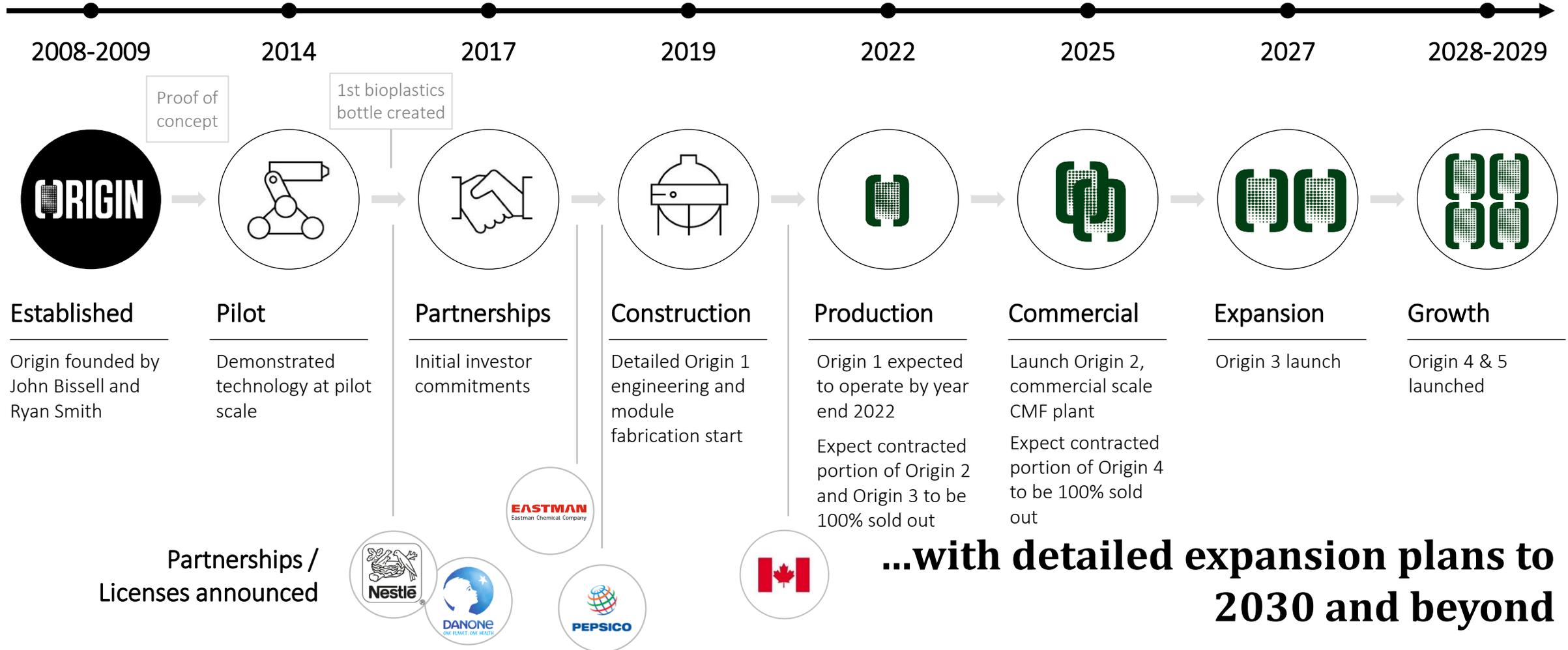


Select Origin Customers

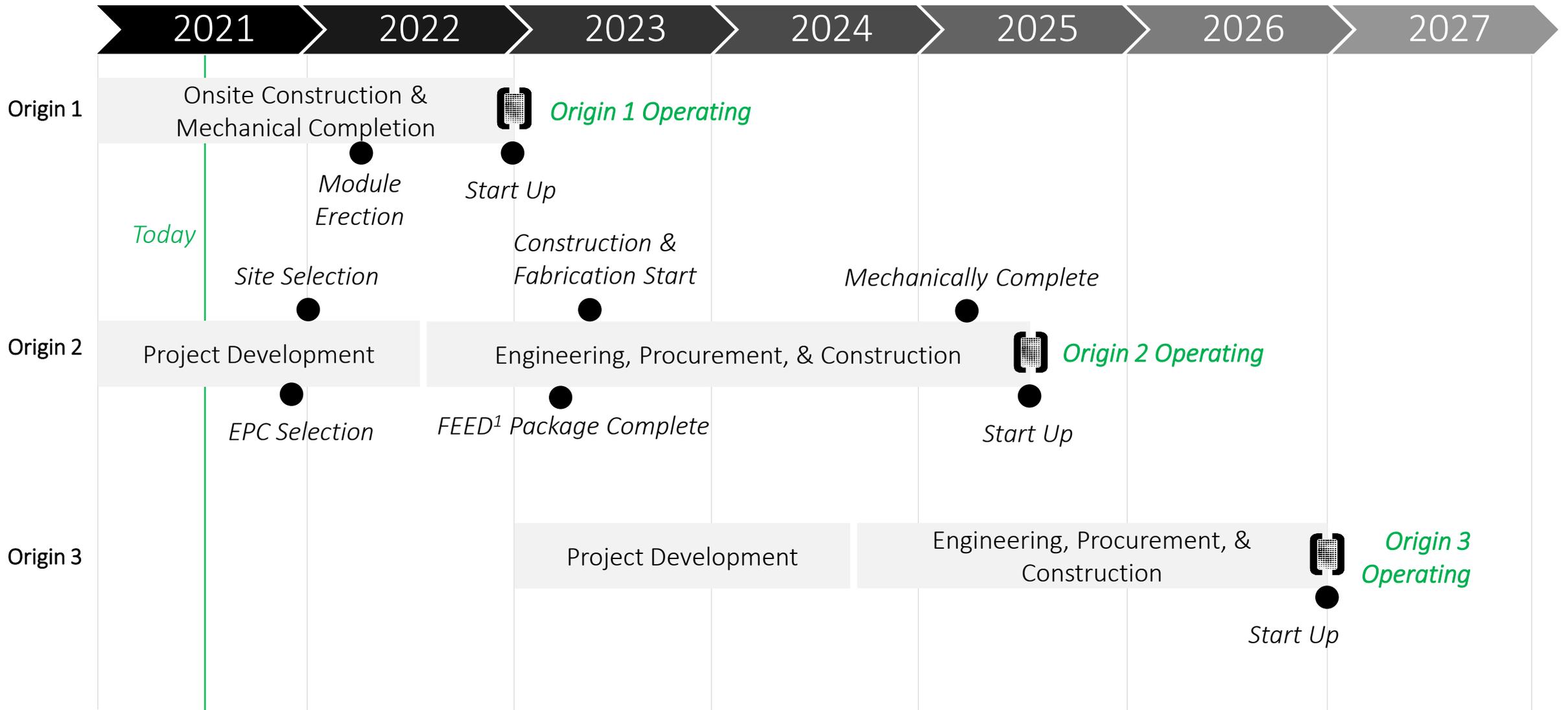


1. Includes \$264Mn specified as customer option. Figures assume maximum offtake amounts and exercise of full customer option. Source: Origin Materials.

Origin is building on a strong foundation toward rapid growth...



Construction schedule – Origin 1, Origin 2, and Origin 3



1. Front-end engineering design.

Origin 1 (Sarnia, Ontario, Canada)

- Construction site in Sarnia, Ontario (Canada)
- Origin 1 construction is advanced and is expected to be operating by year end 2022
- 17 large, complex equipment modules were fabricated by Koch Modular Process Systems (along with other equipment) and are now sitting onsite awaiting installation
- Construction progress includes installing most building foundations, foundations for main process areas, underground services, as well as trailers, fencing, and communications for the site



Origin 1 (Sarnia, Ontario, Canada)

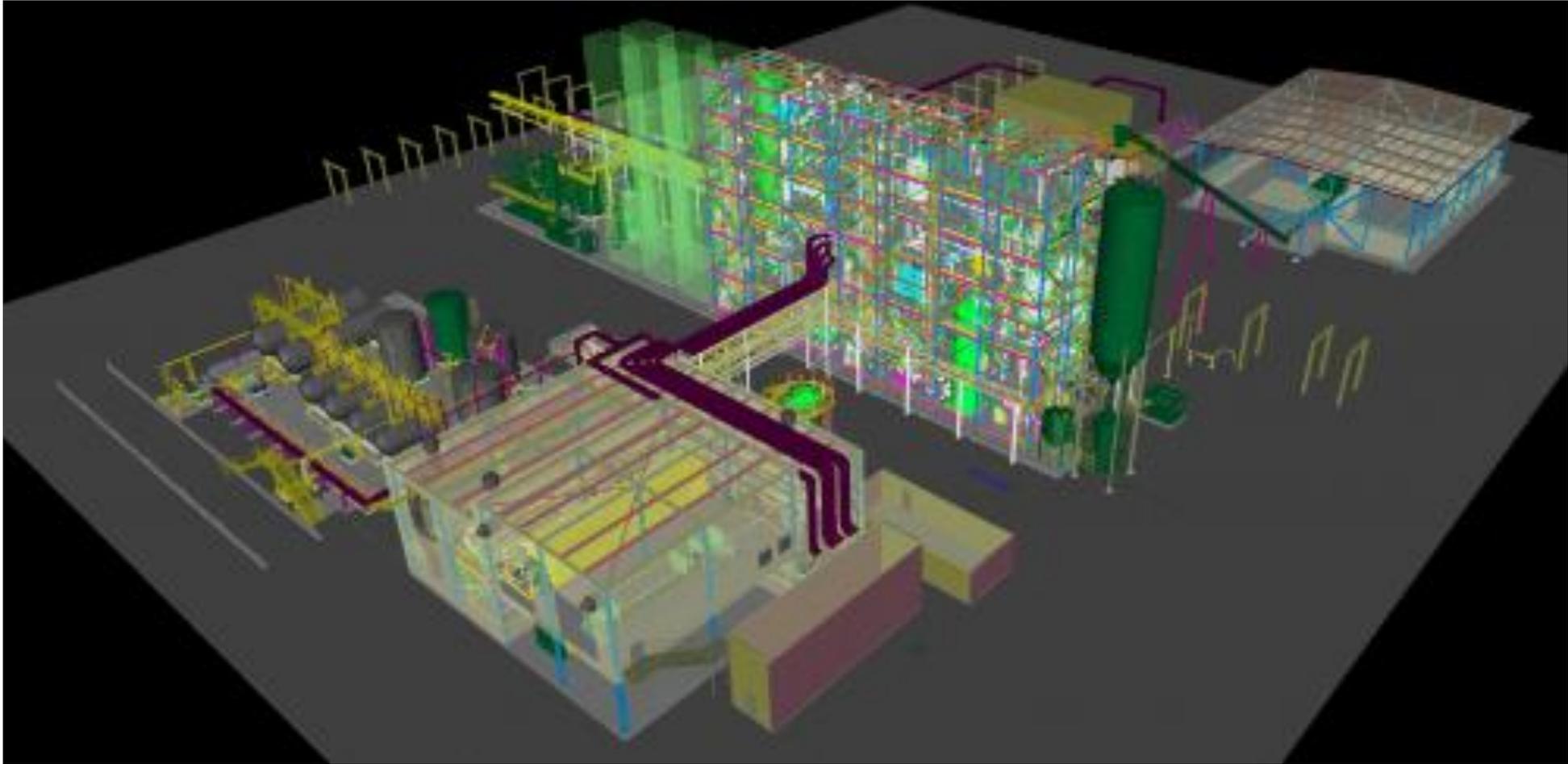


Tanks in construction yard

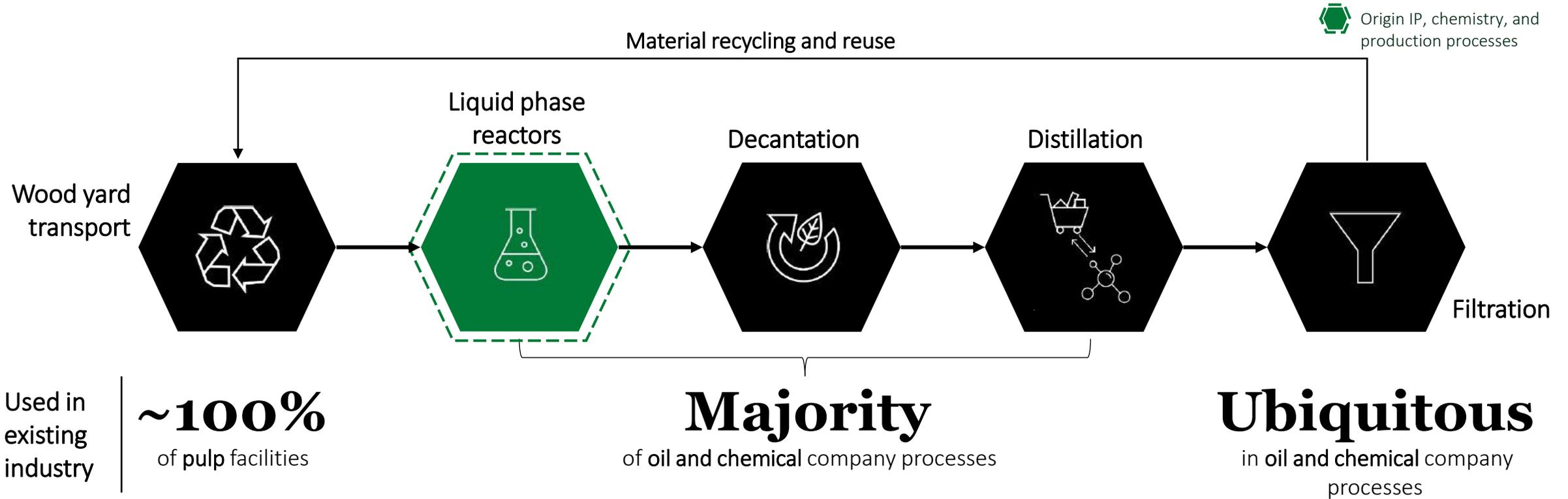


Core process modules awaiting installation

3D diagram of the Origin 1 Plant Site in Sarnia, Ontario



Origin is delivering transformational chemistry through mature, industry-standard equipment, materials, and technical processes



19

Patent families protect unique CMF and HTC production processes

Zero

untested mechanical processes required for operations / scale-up¹

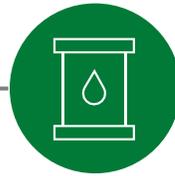
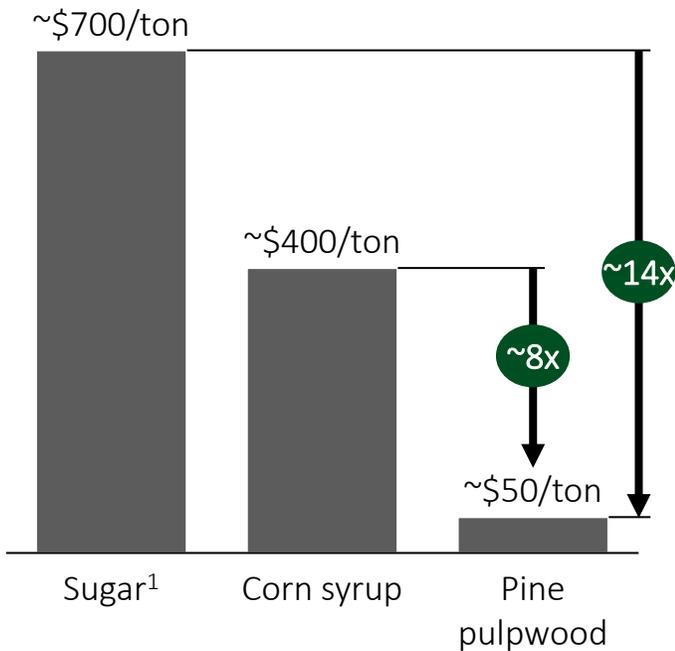
1. Origin does not rely on any novel mechanical processes in its plants. All of Origin's mechanical processes are standard mechanical processes utilized in the chemicals and refining industry. Source: Origin Materials.

Origin's use of timber and forest residues as feedstock is a potential game changer



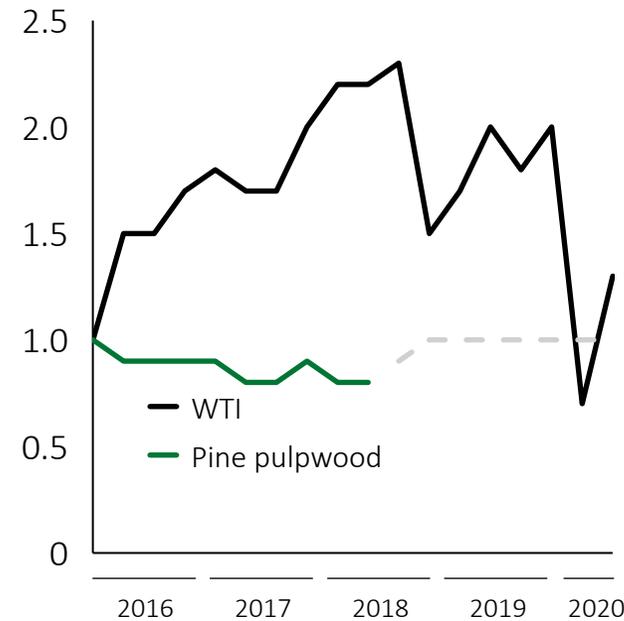
8x-14x cheaper than competing renewable feedstocks

Feedstock price



Decoupled from supply volatility of the oil markets

Indexed price (1 = Q1 2016 value)



Leverages waste, cleans forests, and lets food be food



Utilize waste



Improve forest management



Let food be food

1. Representative chemically relevant sugars such as glucose and high fructose corn syrup.
Source: North Carolina State University; Economic Research Service, USDA; Macrotrends; and Origin Materials estimates.

Origin is pursuing a capital efficient strategy to optimize CAPEX

Origin is keenly aware that **capital efficiency** will be the major driver of its **long term profitability**.

For this reason, Origin is pursuing a pulp mill **“brownfield” CAPEX strategy** to **save ~\$100Mn** on its total commercial plant CAPEX



Wood chip waste streams



Pulp mill scale

Origin’s strategy:

#1

Identify & purchase mill

Work with partners to identify suitable aging / defunct pulp mill

>40

Potential brownfield sites (e.g., closed pulp mills) in the US & Canada built in the last 50 years

#2

Convert equipment

Leverage key components needed for its wood handling process (e.g., utilities, boiler, wood yard)

>\$100Mn

Total useable value of converted equipment, even after considering expected upgrade costs

#3

Integrate & operate

Integrate refurbished components into the rest of its necessary equipment / plant infrastructure

Up to 15%

Net savings on total plant CAPEX, or ~\$100Mn co-location benefit

Pulp mill “brownfield” strategy offers additional benefits, including the existing forest supply chain ecosystem and local gov’t incentives

Origin has meaningful advantages over bioplastics companies

✓ Origin advantaged category vs. non-fossil competitors

		Company A PHA	Company B PEF / FDCA	Company C PLA	 Fossil
TAM \$ Bn	\$1,000	\$0.1 - \$0.5	\$250	\$1.5 - \$5.0	\$1,960
Carbon footprint ¹ , indexed to fossil	<0	~0.7	0.3	0.3	1.0
Illustrative feedstock cost, \$/lb	\$0.03 Timber	\$0.36 Vegetable Oil	\$0.36 Fructose	\$0.15 Glucose	\$0.18 Oil
Process reliability	Chemical	Fermentation	Chemical	Fermentation	Chemical
Market maturity	Established	Nascent	Nascent	Nascent	Established
Recyclability	Strong existing infrastructure ²	No existing infrastructure	Limited infrastructure	Extremely limited infrastructure	Strong existing infrastructure
Degradability	Non-degradable PET; Industrial composting PEF ³	Natural composting	Industrial composting ³	Industrial composting	Non- degradable



Origin...

- Larger TAM
- Less expensive
- More sustainable
- Lower risk

1. For end product; carbon footprint based on publicly available feedstock footprint for analogous biofuels process (CORSA, REDII).

2. Refers only to PET.

3. Further study needed to determine if industrial composting reproduces results observed in degradation studies.

Source: Company websites, filings and press releases; Market and technical research reports; Origin Materials management team.

Origin brings an unrivaled set of industry veterans, leaders, and visionaries



John Bissell
Co-Founder
& Co-CEO

- Founded Origin Materials in 2008
- Featured on Forbes 30 under 30



Rich Riley
Co-CEO

- Former CEO Shazam and senior executive at Yahoo!
- 20+ years managing rapid-growth organizations



Nate Whaley
CFO

- 20 years C-Suite experience scaling complex high growth business across industries



Stephen Galowitz
CCO

- Co-founder / Chief Development Officer of Renewables company
- 15 years experience in renewables space



Ryan Smith
Co-Founder & CTO

- Founded Origin Materials in 2008
- Process Engineer at NEC Electronics



Mako Masuno, PhD
VP of R&D

- Pathway Development & Optimization Expert
- Organic Chemistry Professor



Roman Wolff
VP of Engineering

- Engineering leader at TETRA Technologies
- 30 years of experience in engineering on more than 20 projects



Josh Lee
General Counsel

- Attorney at Irell & Manella, LLP
- Sr. Analyst at Strumwasser & Woocher, LLP



Origin's technical leadership team is proven

Recent hires further strengthen global technology leadership in carbon-negative materials

Technical leadership



Mako Masuno, PhD
VP of R&D

- Pathway Development & Optimization Expert
- Organic Chemistry Professor
- 9+ years of technology development at Origin Materials



Roman Wolff
VP of Engineering

- Engineering leader at TETRA Technologies
- 30 years of experience in engineering on more than 20 projects



Phil McAllister
Project Director

- 20+ years chemical industry experience
- Experience leading geographically dispersed project teams to design, build and start-up industrial chemical plants
- Graduated University of Edinburgh with a Bachelor of Engineering in Chemical Engineering



Jim Wells
Technical Director

- 39 years experience at The Dow Chemical Company
- Expertise developing, designing, building and starting up industrial chemical plants; specializing in unique areas of technology
- Former Associate Director of Technology for the Dow AgroScience division
- B.S. Chemical Engineering, Cornell University



Madhu Anand, PhD
Technical Director

- 15+ years of experience in the oil and energy industry
- Former Phillips 66 Chief Engineer of Hydroprocessing & Naphtha Upgrading
- Auburn University 2007 Outstanding Graduate Award for excellence in research
- B.S. Chemical Engineering, Panjab University in India; Ph.D. Chemical Engineering from Auburn University



Ben Freireich, PhD
Technical Fellow

- Former Technical Director of Particulate Solid Research, Inc. (PSRI)
- Former Research Scientist in Core R&D at The Dow Chemical Company
- B.S. Mechanical Engineering, Milwaukee School of Engineering; M.S. Engineering, Ph.D. Mechanical Engineering, Purdue University



Recent additions to technical leadership team

Origin's world-class directors will provide governance and expertise to Origin as it scales the business



Karen Richardson
Chair

- Board Member at BP, Exponent, Doma
- Former Board Member at WorldPay and BT Plc



John Bissell
Co-Founder & Co-CEO

- Founded Origin Materials in 2008
- Featured on Forbes 30 under 30



Rich Riley
Co-CEO

- Former CEO Shazam and senior executive at Yahoo!
- 20+ years managing rapid-growth organizations



William Harvey

- Former President at DuPont Packaging and Industrial Polymers
- 40+ years chemical industry experience



Kathy Fish

- Former Chief Research, Development and Innovation Officer at Procter & Gamble
- 39 years experience with Procter & Gamble



Boon Sim

- Managing Partner of Artius Capital Partners
- 30+ years of investment and financial services experience



Charles Drucker

- Former Chairman & CEO at Vantiv/WorldPay
- Over 30 years as highly successful technology/fin-tech operator; created over \$40bn of value for Vantiv/WorldPay over a 10-year period as CEO

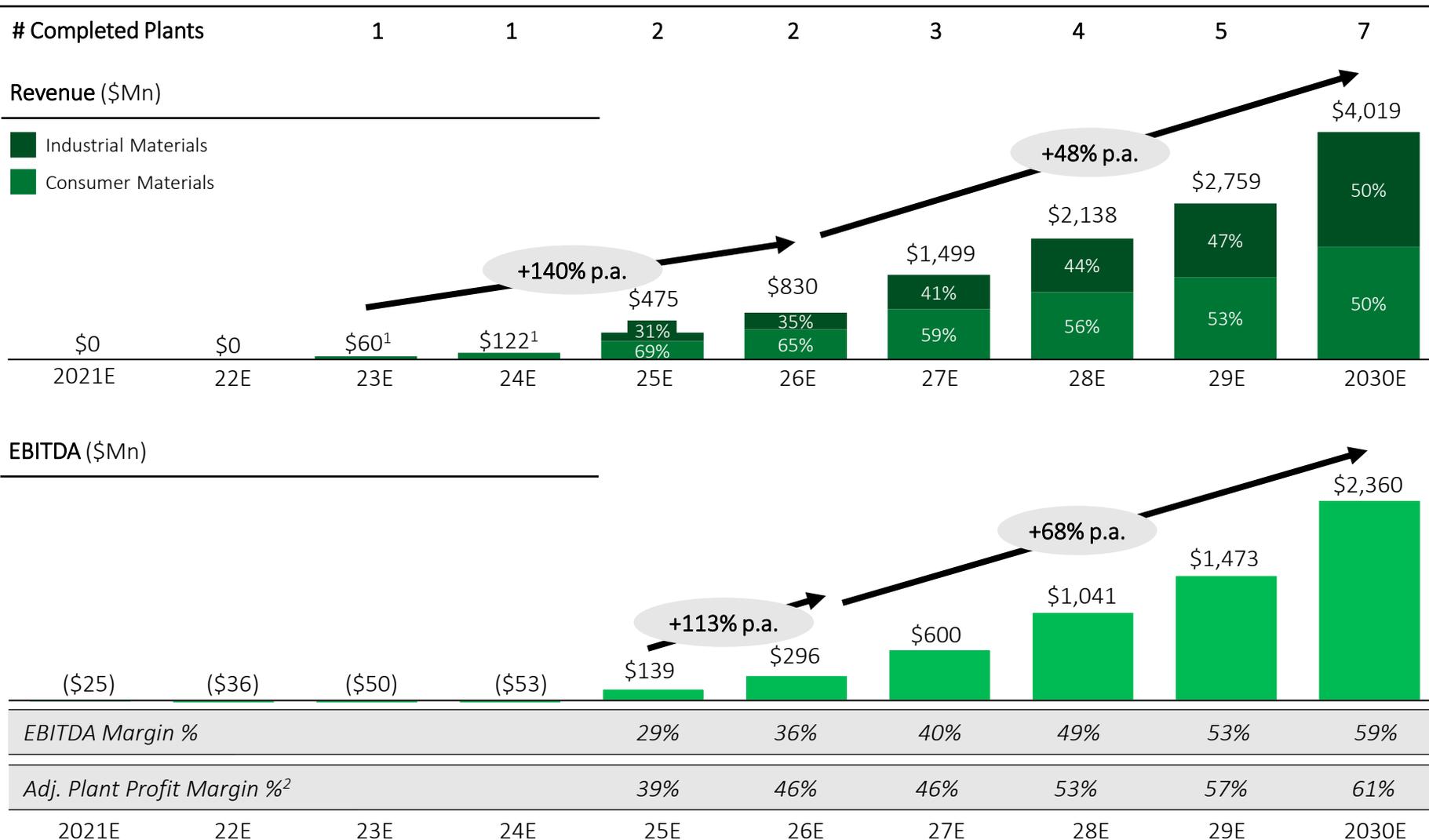


Benno Dorer

- Former CEO at The Clorox Company
- Former Global Marketing Director at Procter & Gamble
- Board Member at VF Corporation



Origin expects to deliver a superior financial profile for years to come



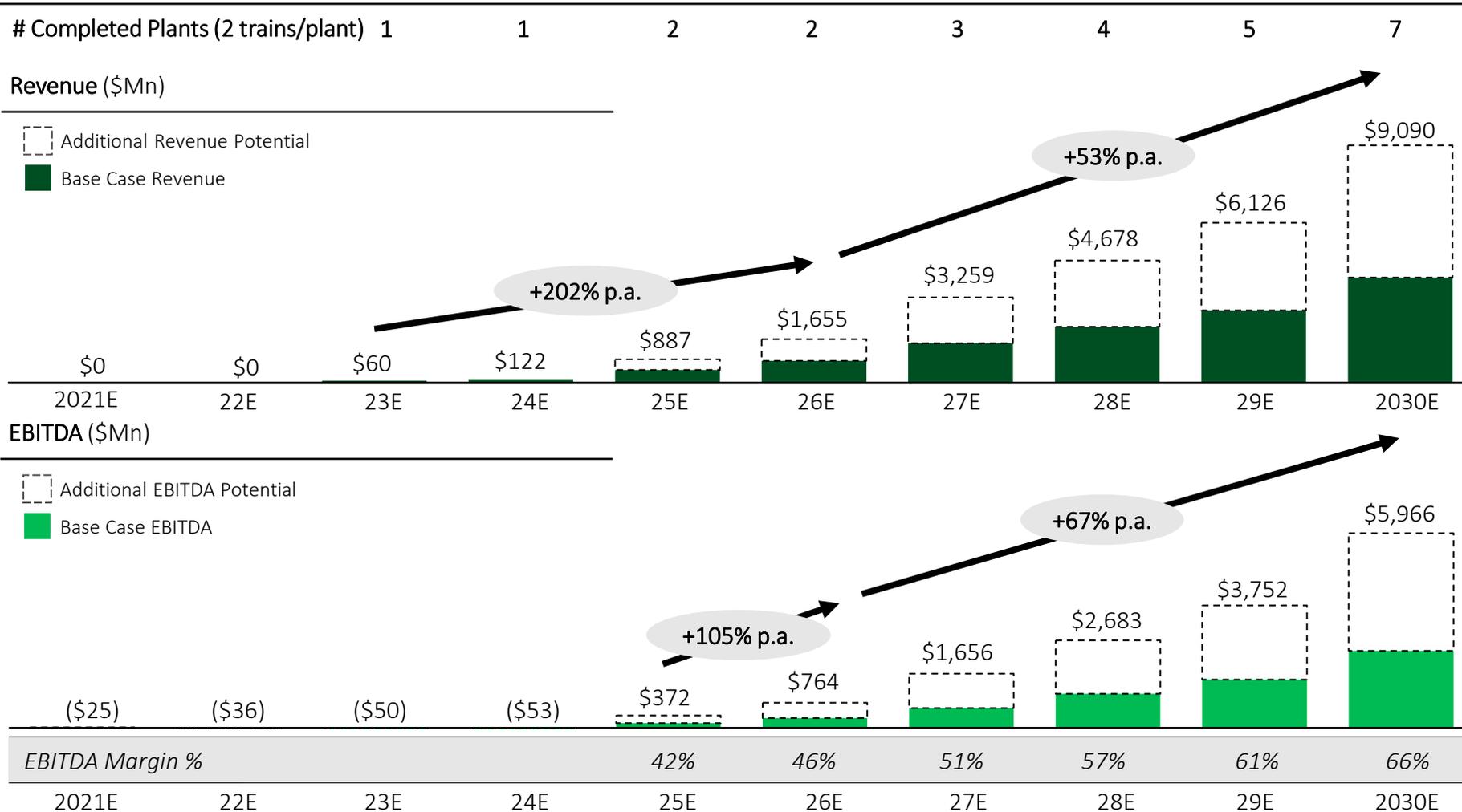
- Revenue and materials volume forecast / growth based on satisfying existing customer off-take contracts and expected future demand
- Pricing assumptions are based on negotiated contract pricing with existing customers
- Feedstock cost assumptions reflect historically low volatility of pine pulpwood prices
- Cost assumptions also include additional required overhead during scaling
- EBITDA margins and associated growth are expected to improve throughout the forecast period as a result of increasing economies of scale from additional plants coming online
- Includes R&D expenditures to maintain Origin as the global leader in low or negative carbon material technologies

Source: Origin Materials management estimates.

1. 100% of revenue allocated to consumer materials.

2. A non-GAAP measure defined as Revenue less all plant direct cash costs (excluding depreciation, amortization, interest and taxes) divided by revenue.

Origin could see significant additional revenue potential



- Assumes Origin is able to secure moderately higher prices in new customer contracts as a result of strong demand and carbon negative materials scarcity
- Concurrently, assumes Origin adds capacity at a faster rate than base business plan¹, adding two trains per new plant, effectively doubling capacity of each
- Feedstock prices assumed unchanged as primary feedstock supply (forest / wood processing residues) is ample and well above Origin's needs

1. Subject to capital availability.
Source: Origin Materials management estimates.

Long-term target operating model

	Origin Plant 1		Origin Plant 2		Origin Plant 3-7 Average	
Illustrative Run-Rate Economics						
Mn lb. biomass input	49		2,205		2,205	
Mn lb. products sold	146		2,412		1,313	
CapEx (\$Mn)	\$70 ¹		\$1,072		\$811	
ROIC (Adj. plant margin/CapEx)	NM		35.9%		51.1%	
	\$Mn	\$/lb. product	\$Mn	\$/lb. product	\$Mn	\$/lb. product
Revenue	\$122	\$0.84	\$708	\$0.29	\$637	\$0.49
Consumer materials			\$414		\$291	
Industrial materials	\$122		\$294		\$346	
Biomass feedstock	(\$7)	(\$0.05)	(\$56)	(\$0.02)	(\$56)	(\$0.04)
Other feedstock & variable costs	(\$7)	(\$0.05)	(\$93)	(\$0.04)	(\$108)	(\$0.08)
Tolling & downstream processing	(\$106)	(\$0.73)	(\$154)	(\$0.06)	(\$39)	(\$0.03)
Adj. Contribution²	\$2	\$0.01	\$405	\$0.17	\$435	\$0.33
Plant labor + other fixed costs	(\$6)	(\$0.04)	(\$20)	(\$0.01)	(\$20)	(\$0.02)
Adj. Plant Profit	(\$4)	(\$0.03)	\$385	\$0.16	\$415	\$0.32
Primary Products	PET/F, CMF, higher value application development samples		PET, HTC fuel		PET, PET/F, PEF, CMF, FDCA, carbon black, activated carbon, HTC fuel	

1. Denotes incremental capex to be spent in 2021-2022.

2. Reflected as adjusted gross profit in the base case projections included in the registration statement as filed with the SEC by Artius on March 9, 2021.

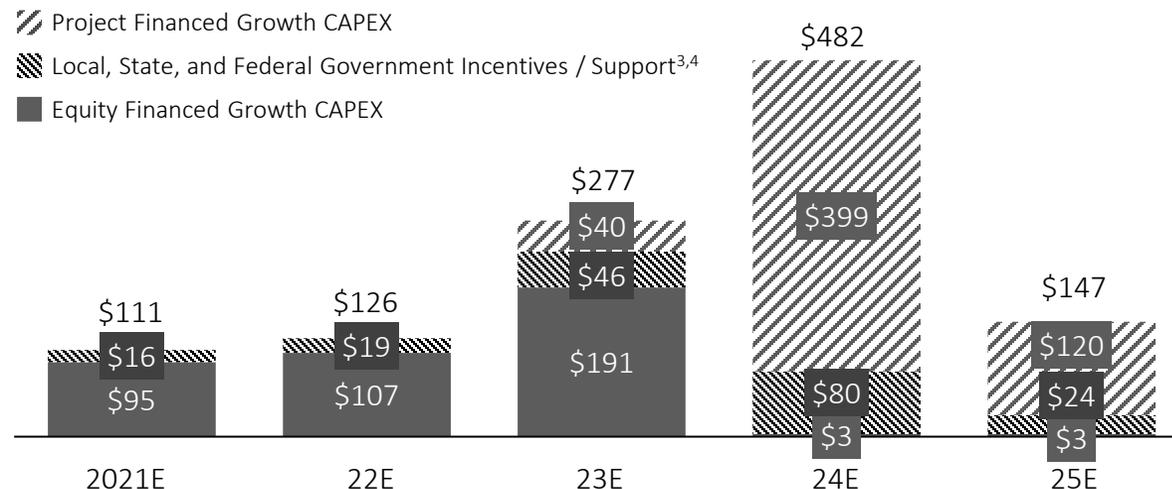
Source: Origin Materials management estimates.

Anticipated to be fully funded to EBITDA profitability

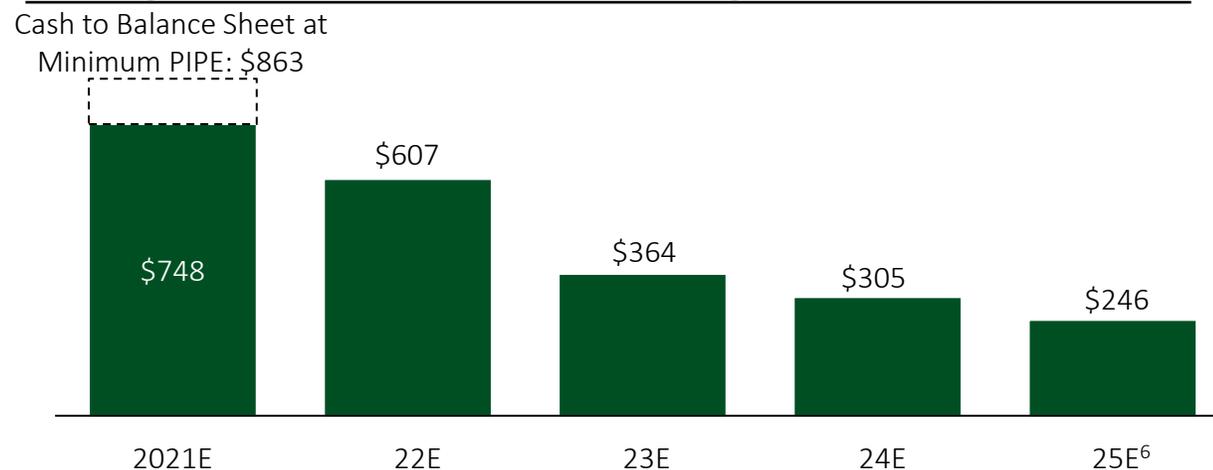
Cash Flow Sources & Uses from 2021E to Origin 2 Revenue in 2025E

Gross Proceeds	\$925
Less: Transaction fees and expenses	(62)
Net Proceeds¹	\$863
Add: Project Financing ³	\$558
Add: Local, State, and Federal Government Incentives / Support ³	185
Less: Origin 1 Growth CAPEX	(70)
Less: Origin 2 Growth CAPEX	(1,072)
Less: Cash Flow from Operations '21 – '25 ²	(218)
Remaining Cash to Fund Origin 3 and Beyond	\$246

Origin 1 and Origin 2 Growth CAPEX Schedule³ (\$Mn)

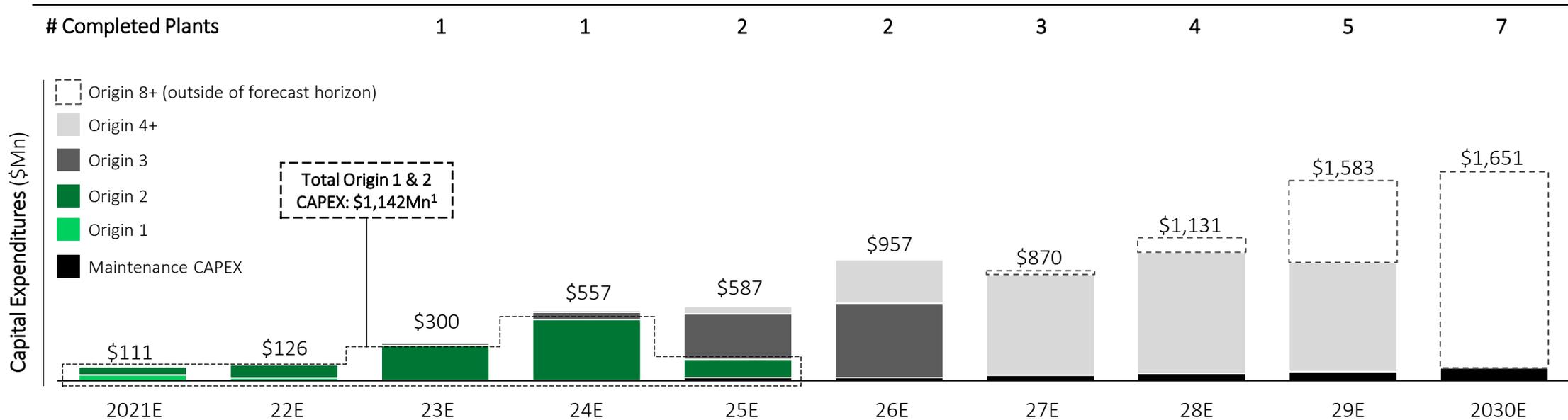


Remaining Cash Balance from Current Transaction to Origin 2 Revenue⁵ (\$Mn)



1. Refer to slide 48 for additional detail. Assumes no share redemptions and none of the Artius warrants to acquire 35.5Mn shares are exercised. 2. Cash flow from operations calculated as EBITDA + Working Capital + Maintenance CAPEX from 2021 until reaching Origin 2 revenue in 2025. 3. Project financing and government incentives / support have not yet been secured. 4. Represents anticipated local, state and federal government incentives / support. 5. Defined as net proceeds less annual cash flow from operations less equity financed growth CAPEX for Origin 1 and 2. Excludes \$1Mn existing cash. 6. Prior to Origin 2 operations date in 2025E. Source: Origin Materials management estimates.

Anticipated fully funded growth plan to profitability



- Current transaction and anticipated financing and grants are expected to be sufficient to fully finance the construction of Origin 1 and Origin 2 and achieve EBITDA profitability
- CapEx based on estimates from world-leading EPC companies that Origin will partner with to deliver holistic capital project solutions
- Capacity scaling based on current customer contract commitments / orders and anticipation of demand from global industrial complex rushing to secure “drop in” decarbonized materials to meet their carbon commitments

1. Cash in trust and funds from PIPE transaction represent 81% of Origin 1 and 2 CAPEX. Assumes no shareholder redemptions. Source: Origin Materials management estimates.

Origin as a public company

We will continue to build upon our customer momentum while managing operations

Origin's business combination and anticipated financing and grants are estimated to support planned operations until EBITDA positive...



Scale the organization's capabilities



Complete construction and begin operations of Origin 1



Engineer and design full commercial scale production facilities



Fund Origin 2 site acquisition, equipment, and construction



Support research & development for new products (e.g., Origin Ag)



Meanwhile, Origin plans to demonstrate momentum on a quarterly basis...



Secure fully committed Origin 2 and 3 production volumes



Execute EPC alliance agreement and secure joint venture production



Share updates on construction progress and major milestones



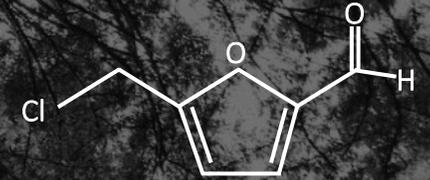
Engage with stakeholders and industry at large (e.g., conferences)



Develop new products and applications to build on market opportunity

Origin Materials – At a Glance

The world's leading carbon negative materials company



Disruptive Materials Technology Company



Origin produces low and negative carbon materials

Decarbonizing Platform Technology



Enables customers' net-zero commitments

Enormous TAM

~\$1+ Trillion

\$390Bn near-term focus in polyesters; \$750Bn across broad range of materials

Cost advantaged



Timber feedstocks are competitive with oil and ~10x cheaper than bio alternatives

Global Fortune 500 Customers & Investors

11% Owned by customers who are also investors¹



Massive Customer Demand²

\$2.4Bn and growing

from a diverse mix of industries

Protected & Validated Technology

19 Patent Families

Core technology protected in key countries

Funded to Commercial Scale³

\$863Mn

Origin expected to be fully financed until EBITDA positive with anticipated financing and grants

1. Represents combined ownership by PepsiCo, Danone and Nestle prior to this transaction.

2. Includes \$779Mn in offtake agreements, \$1.096Bn in capacity reservation agreements, and \$547Mn in negotiations with potential customers, with \$264Mn specified as customer options. Figures assume maximum offtake amounts and exercise of full customer options. Refer to slide 21 for additional detail.

3. Refer to slides 37 and 48 for additional detail. Assumes no Artius share redemption.

Source: Origin Materials.



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Appendix

Investment Highlights

- 1 Addressing Enormous and Growing Materials Economy**

Core products are carbon negative drop-in replacements serving a ~\$1Trn+ market – with diverse applications expected to deliver growth for years to come
- 2 Industry Disrupting Technology Supported by Deep Competitive Advantage**

Conversion of biomass feedstocks into drop-in chemicals, competing directly on cost with fossil-based materials while having significant advantage over alternative technologies
- 3 Global Fortune 500 Customers and Investors**

~\$1.9Bn¹ of signed customer contracts and \$547Mn of customer contracts under negotiation
- 4 Funded to Effectively Scale and Commence Commercial Production**

Executing on growth plan with first plant expected to be completed in 2022 and contracted portion of first two commercial plants expected to be 100% sold out in 2022. Full-scale commercial plant expected to be online by 2025
- 5 Experienced Leadership Team with Proven Track Record**

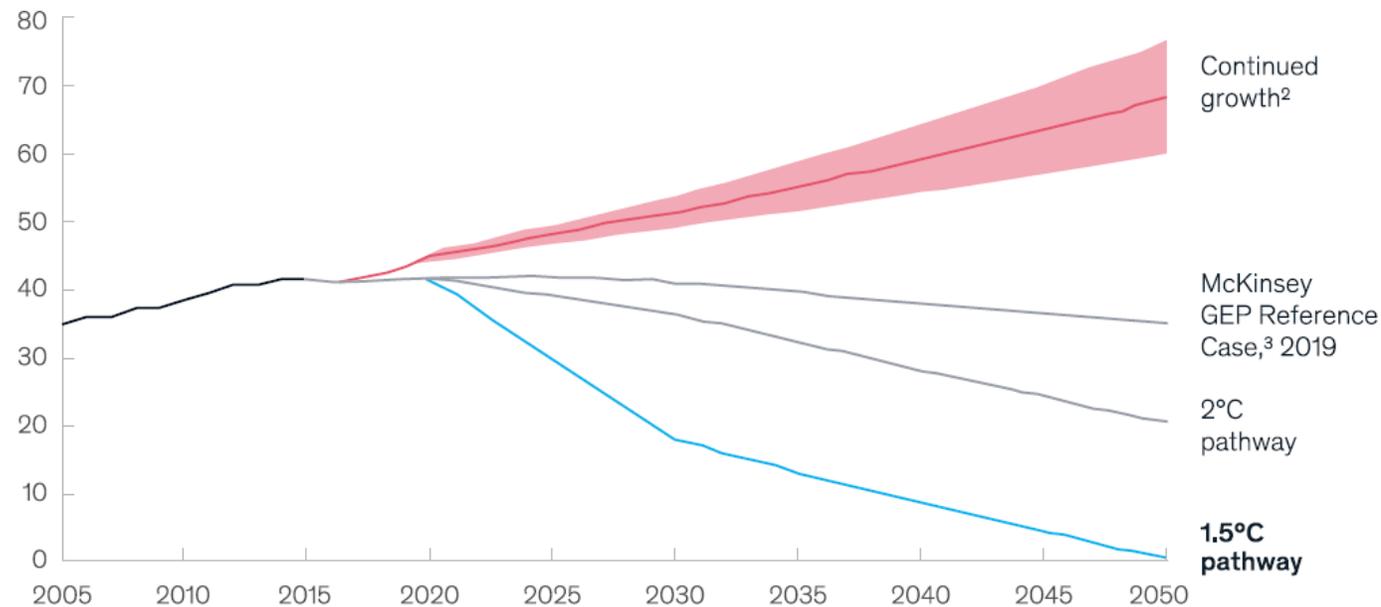
Brings a team of industry veterans and technology leaders with ~250 years of cumulative experience – ready to deliver on its vision and operational priorities

1. Comprised of \$779Mn in offtake agreements, including \$264Mn in customer option, and \$1.096Bn in capacity reservation. Figures assume maximum offtake amounts and exercise of full customer options. Refer to slide 21 for additional detail.

The world is drowning in carbon – it needs rapid solutions

Pathways of global carbon dioxide emissions¹

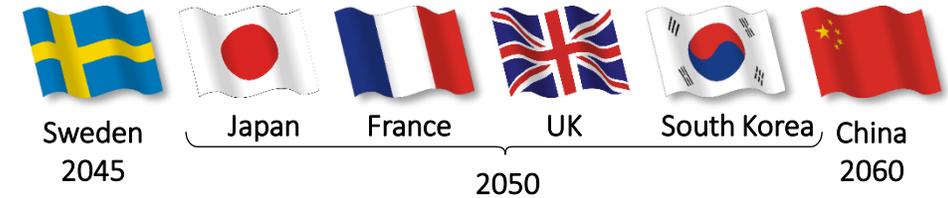
Gt CO₂ per year



1. 2005-2018 emissions from Global Carbon Budget 2019. Emissions from biotic feedbacks not included (e.g.: permafrost thawing, wildfires).
 2. Average of the IEA WEO 2019 Current Policies Scenario and IPCC RCP8.5 pathway.
 3. Reference case used is McKinsey's Global Energy Perspective - Reference Case 2019.
 NB: Projected warming estimated by 2100.

Select national net-zero commitments

NOT EXHAUSTIVE



Select investment community reactions



“We are asking companies to disclose a plan for how their business model will be compatible with a net zero economy”
 – Larry Fink, BlackRock CEO, January 2021

“Vanguard expects companies to disclose to the market how their board oversees climate-related strategy and risk management”
 – Vanguard, June 2020

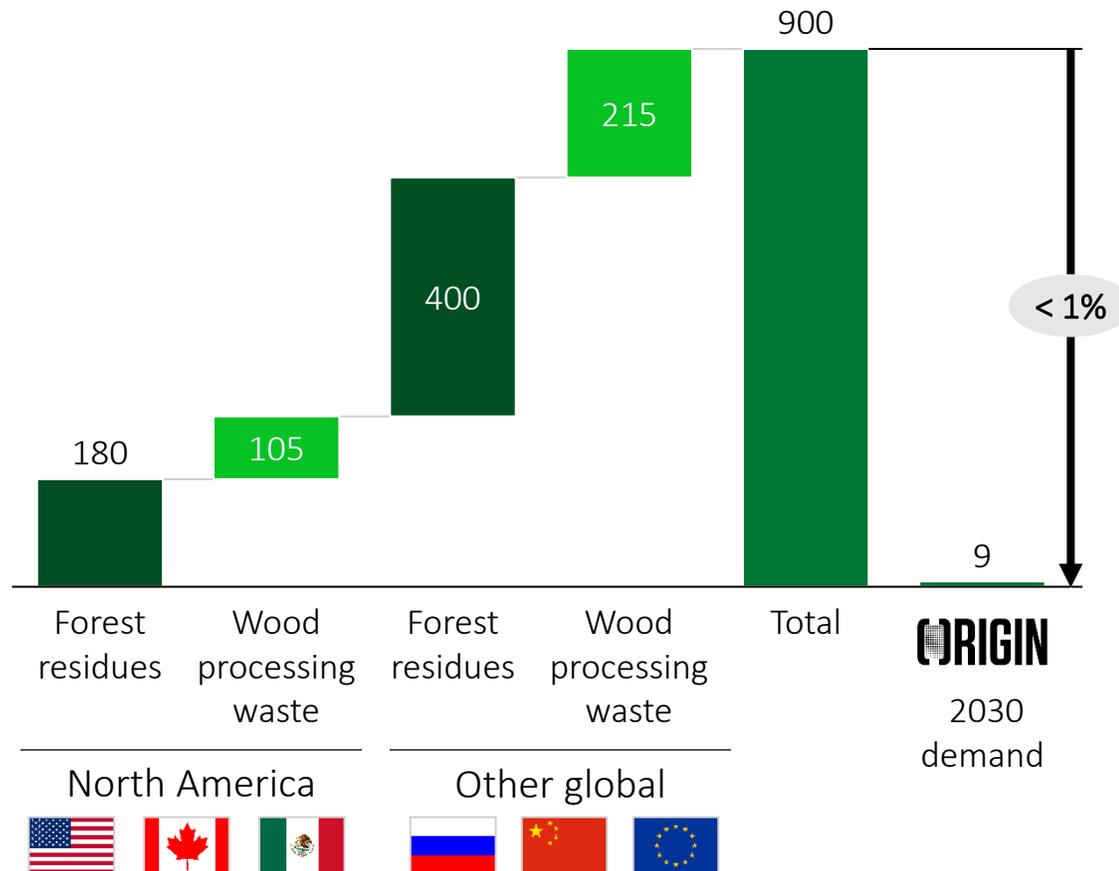
Managers Of \$40 Trillion Make Plans To Decarbonize The World
 – Forbes, September 2020



Origin is not feedstock limited

Primary feedstock (forest / wood processing residues)

Million tons annual availability



Additional feedstock optionality



> 2X Additional feedstock supply available above forest / wood processing residues alone

Origin will look to value chain participants to complement its strengths

 Origin's strengths



“Our proprietary bread and butter”

- Proprietary technology in a league of its own

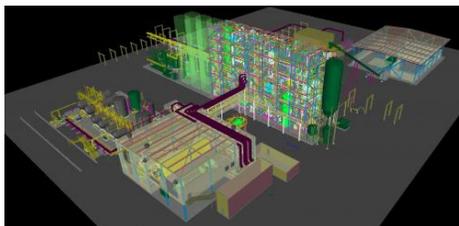
“Putting it all together”

- We will leverage an already-existing industrial base of monomer, polymer, additive, and packaging / extrusion technology
 - Beyond Origin 2 (monomers), we will license or sell that technology to a value chain participant

“Clear market pull”

- Years of experience working with the end consumer to address sustainability goals

Picture: Origin 1



Illustrative potential value chain participants¹:



Origin is in discussions with multiple partners and is ready to scale its strategy through its next phase of growth

1. Origin Materials may or may not be in discussions with these parties.
Source: Origin Materials.

Transaction Overview

Overview

- Founded in 2008, Origin is the world's leading carbon negative materials company with a mission to enable the world's transition to sustainable materials
- Artius is a publicly listed special purpose acquisition company with \$725Mn cash in trust
- Closing is subject to Artius having a minimum cash amount of \$525Mn across PIPE and cash remaining in trust account after giving effect to any redemptions

Valuation

- \$1,843Mn pro forma equity value of combined company¹
- \$999Mn Enterprise Value, implies 1.2x 2026E Revenue and 3.4x 2026E EBITDA¹
- Earnout of 29.5Mn shares vesting equally based on share price thresholds of \$15, \$20 and \$25 per share within 3, 4 and 5 years, respectively²

Capital Structure

- Origin Materials shareholders rolling 100% of their equity
- Transaction, inclusive of \$200Mn PIPE financing, expected to result in \$863Mn of cash³ to balance sheet, is anticipated, with anticipated financing and grants, to fully fund company's operations and capital expenditures until EBITDA positive

Ownership

- 42.4% existing shareholders; 46.7% SPAC shares; 10.9% PIPE investors⁴

Artius has identified Origin Materials as a compelling investment opportunity and believes its disruptive platform technology is uniquely positioned to decarbonize the materials industry supply chain

1. At a price of \$10.00 per Artius share and assumes no redemption of public shares. Refer to slide 35 for additional detail.

2. Consists of 25.0Mn shares to Origin Shareholders and 4.5Mn shares to Artius upon release from forfeiture provisions upon achievement of earnout thresholds.

3. Refer to slides 37 and 48 for additional detail. Assumes no redemption of public shares.

4. Assumes no redemption of public shares, that none of the 29.5Mn earnout shares are issued and a PIPE of \$200Mn.

Artius Acquisition Inc. Overview

Overview

- Artius Acquisition Inc. (“Artius”) was founded in July 2020 by Charles Drucker and Boon Sim to invest in disruptive platform technologies with large TAM and strong secular tailwinds, led by exceptional management teams
- Artius uses a methodical and proprietary framework and its broad network to originate and evaluate target companies; numerous companies to date have been evaluated or diligenced

Due Diligence on Origin

- Conducted extensive private equity-style due diligence
- Assisted by domain experts from a global consulting firm, a specialist consulting firm with relevant industry expertise, leading law firms, KPMG, Franklin Associates, Quantis and Wolf Greenfield
- Made numerous diligence calls to current and potential customers and industry participants including CEOs and key decision makers to independently evaluate technology and business model

Value-Add

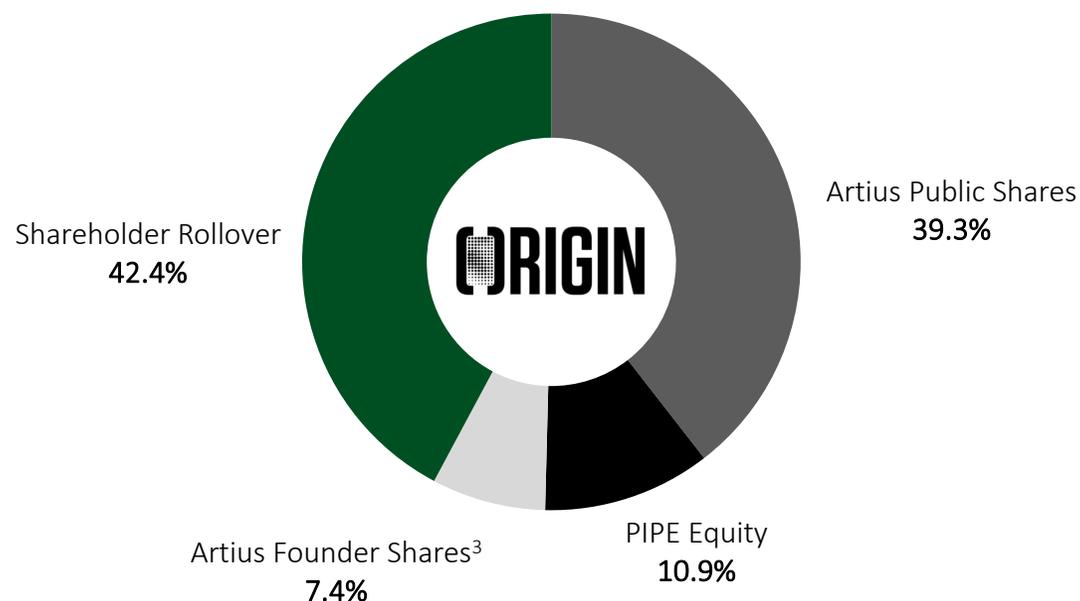
- Seasoned executives with expertise in investing, operating and transforming disruptive companies and helping them scale to become global market leaders and world-class public companies
- Track record of creating significant shareholder value organically and inorganically by using levers of operational excellence, investing in R&D / technology and opportunistic plays
- Deep and extensive Fortune 500 C-suite and boardroom relationships; provides access at the highest level to generate immediate traction for any business opportunity and attract the best talent for the company
- Strong and broad network of direct investor relationships with long-term pension and sovereign funds, large institutional money managers, foundations and family offices to aid in the creation of a stable and long-term shareholder base

Detailed transaction overview

Key Transaction Terms

- The transaction is subject to there being a minimum cash amount of \$525Mn in Artius at closing after giving effect to any shareholder redemptions
- Executed subscription agreements for committed capital in connection with PIPE for \$200Mn before transaction announcement
- Earnout of 29.5Mn shares vesting equally based on share price thresholds of \$15, \$20 and \$25 per share within 3, 4 and 5 years, respectively¹

Pro Forma Ownership @ \$10.00 Per Share²



Pro Forma Valuation (\$Mn)

Origin Materials Share Price	\$10.00
<i>Shares Outstanding (Mn)</i>	<i>184.3</i>
Equity Value	\$1,843
<i>Existing Net Debt</i>	<i>20⁴</i>
<i>(-) Net Cash to Balance Sheet</i>	<i>(863)</i>
Enterprise Value	\$999

Illustrative Sources and Uses (\$Mn)

Sources	
Shareholder Rollover	\$782
Artius Cash in Trust	\$725
Additional PIPE Equity	\$200
Total Sources	\$1,707
Uses	
Shareholder Rollover	\$782
Cash to Balance Sheet	\$863
Estimated Fees and Expenses	\$62
Total Uses	\$1,707

1. Consists of 25.0Mn shares to Origin Shareholders and 4.5Mn shares to Artius upon release from forfeiture provisions upon achievement of earnout thresholds.

2. Assumes no redemption of public shares, no earnout shares issued and a PIPE of \$200Mn. Consists of 78.213Mn Shareholder Rollover Shares, 13.613Mn Artius Founder Shares, 20.000Mn PIPE Equity Shares and 72.450Mn Artius Public Shares. Pro forma ownership does not reflect any adjustment for Origin net debt at closing being more than \$15.3Mn.

3. Includes the deferral of a portion of the Founder Shares subject to same conditions as Earnout consideration to be provided to Origin's existing shareholders. 4. Net debt consists of \$21Mn of Debt and \$1Mn of Cash.

Glossary

Abbreviation

Explanation

Carbon negative

Carbon negative activities or products go beyond achieving reduced carbon impact, or net zero carbon impact, to actually remove additional carbon dioxide from the atmosphere

CMF

5-Chloromethylfurfural, organic compound obtained from dehydration derivatives

FDCA

2,5-Furandicarboxylic Acid, organic compound that is a renewable resource because it can be produced from carbohydrates

HTC

Hydrothermal Carbon, structured compounds that have been converted from organic compounds

PET

Polyethylene Terephthalate, most common thermoplastic polyester used for packaging foods and beverages

PEF

Polyethylene Furanoate, bio-based thermoplastic polyester also primarily used for packaging

pX

Paraxylene, an important chemical feedstock used in the large scale synthesis of various polymers



ORIGIN

We make negative carbon materials matter