

The logo for Huntsman, featuring the word "HUNTSMAN" in a bold, dark blue, sans-serif font. The text is centered between two horizontal red bars of equal length.

Enriching lives through innovation

Investor Presentation

Second Quarter 2020

General Disclosure

This presentation includes “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. These forward-looking statements include statements concerning our plans, objectives, goals, strategies, future events, future revenue or performance, capital expenditures, financing needs, plans or intentions relating to acquisitions, business trends and other information that is not historical information. When used in this presentation, the words “estimates,” “expects,” “anticipates,” “projects,” “plans,” “intends,” “believes,” “forecasts,” or future or conditional verbs, such as “will,” “should,” “could” or “may,” and variations of such words or similar expressions are intended to identify forward-looking statements. All forward-looking statements, including, without limitation, management’s examination of historical operating trends and data, are based upon our current expectations and various assumptions. Our expectations, beliefs and projections are expressed in good faith, and we believe there is a reasonable basis for them. However, there can be no assurance that management’s expectations, beliefs and projections will be achieved.






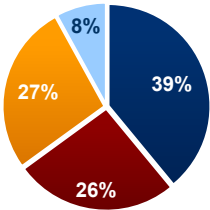
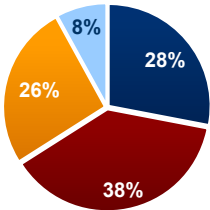
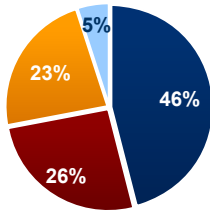
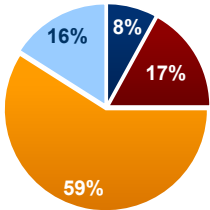
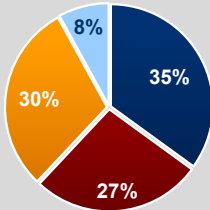
The forward-looking statements in this release are subject to uncertainty and changes in circumstances and involve risks and uncertainties that may affect the company's operations, markets, products, services, prices and other factors as discussed in the Huntsman companies' filings with the U.S. Securities and Exchange Commission. Significant risks and uncertainties may relate to, but are not limited to, volatile global economic conditions, cyclical and volatile product markets, disruptions in production at manufacturing facilities, timing of proposed transactions, reorganization or restructuring of Huntsman’s operations, including any delay of, or other negative developments affecting the ability to implement cost reductions and manufacturing optimization improvements in Huntsman businesses and realize anticipated cost savings, and other financial, economic, competitive, environmental, political, legal, regulatory and technological factors. Any forward-looking statement should be considered in light of the risks set forth under the caption “Risk Factors” in our Annual Report on Form 10-K for the year ended December 31, 2019, which may be supplemented by other risks and uncertainties disclosed in any subsequent reports filed or furnished by us from time to time.

All forward-looking statements attributable to us or persons acting on our behalf apply only as of the date made. We undertake no obligation to update or revise forward-looking statements which may be made to reflect events or circumstances that arise after the date made or to reflect the occurrence of unanticipated events.

This presentation contains financial measures that are not in accordance with generally accepted accounting principles in the U.S. (“GAAP”), including adjusted EBITDA, adjusted EBITDA from discontinued operations, adjusted net income (loss), adjusted diluted income (loss) per share, free cash flow and net debt. Reconciliations of non-GAAP measures to GAAP are provided in the financial schedules attached to the earnings news release and available on the Company's website at <http://ir.huntsman.com/>.

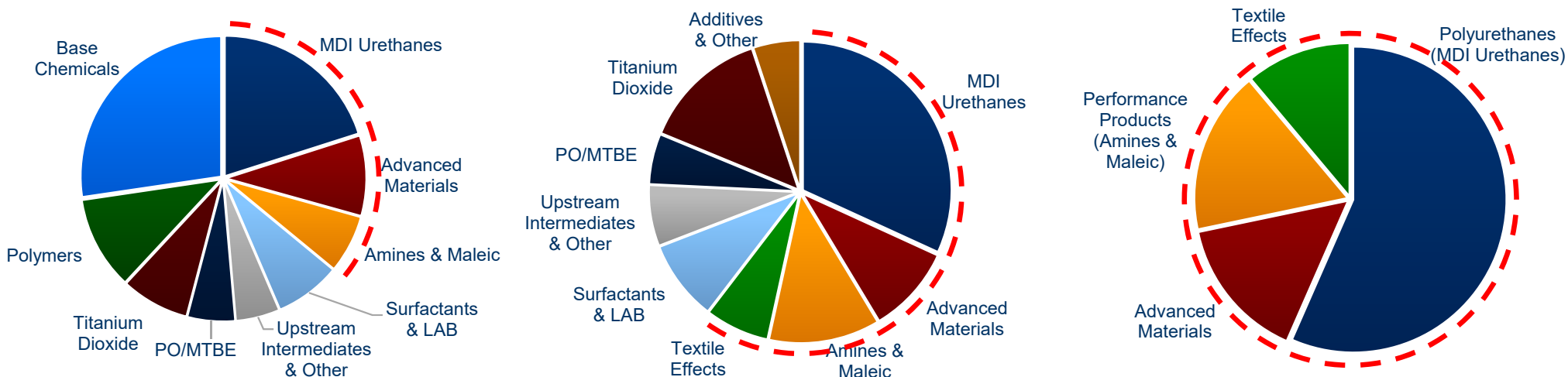
The Company does not provide reconciliations of forward-looking non-GAAP financial measures to the most comparable GAAP financial measures on a forward-looking basis because the Company is unable to provide a meaningful or accurate calculation or estimation of reconciling items and the information is not available without unreasonable effort. This is due to the inherent difficulty of forecasting the timing and amount of certain items, such as, but not limited to, (a) business acquisition and integration expenses, (b) merger costs, and (c) certain legal and other settlements and related costs. Each of such adjustments has not yet occurred, are out of the Company's control and/or cannot be reasonably predicted. For the same reasons, the Company is unable to address the probable significance of the unavailable information.

Huntsman's Portfolio Today

	Polyurethanes	Advanced Materials	Performance Products	Textile Effects	Total
					
1Q20 LTM Sales Revenue (% of total) ⁽¹⁾	\$3.9 billion (57%)	\$1.0 billion (15%)	\$1.2 billion (17%)	\$0.8 billion (11%)	\$6.7 billion
1Q20 LTM Adj. EBITDA (% of total) ⁽¹⁾	\$508 million (53%)	\$196 million (20%)	\$181 million (19%)	\$82 million (8%)	\$807 million
1Q20 LTM Adj. EBITDA Margin %	13%	19%	16%	11%	12%
Key End Markets	<ul style="list-style-type: none"> • Insulation • Adhesives, coatings, elastomers & footwear • Automotive • Construction materials • Other industrial markets 	<ul style="list-style-type: none"> • Transportation adhesives • Industrial adhesives • Coatings & construction • Electrical insulation 	<ul style="list-style-type: none"> • Fuel & lubricant additives • Gas treating • Polyurethane additives • Coatings & adhesives • Construction materials 	<ul style="list-style-type: none"> • Apparel • Furnishings • Transportation • Protective fabrics 	<ul style="list-style-type: none"> • Construction & industrial applications • Transportation • Adhesives • Coatings • Elastomers
1Q20 LTM Sales Revenue by Region					
	<div style="display: flex; justify-content: space-around; align-items: center;"> ■ U.S. & Canada ■ Europe ■ Asia Pacific ■ Rest of World </div>				

Note: All figures reflect Huntsman Corporation continuing operations.
 (1) Percent of total excludes Corporate, LIFO and other eliminations.

Simplification and Transformation to Downstream



2005

2015

Today

- Sold Base Chemicals
- Sold Polymers
- Acquired Textile Effects

- Acquired Rockwood's TiO₂ and Additives assets (2014)
- Announced our intention to IPO the TiO₂ business in 2 years

- Sold EU Surfactants (2016)
- Separated TiO₂ & Additives assets (Venator) through an IPO & Secondaries (2017 & 2018)
- Acquired Demilec (2018)
- Sold Chemical Intermediates and Surfactants businesses (2020)
- Acquired Icnene-Lapolla (2020)
- Announced acquisition of CVC Thermoset Specialties (2020)

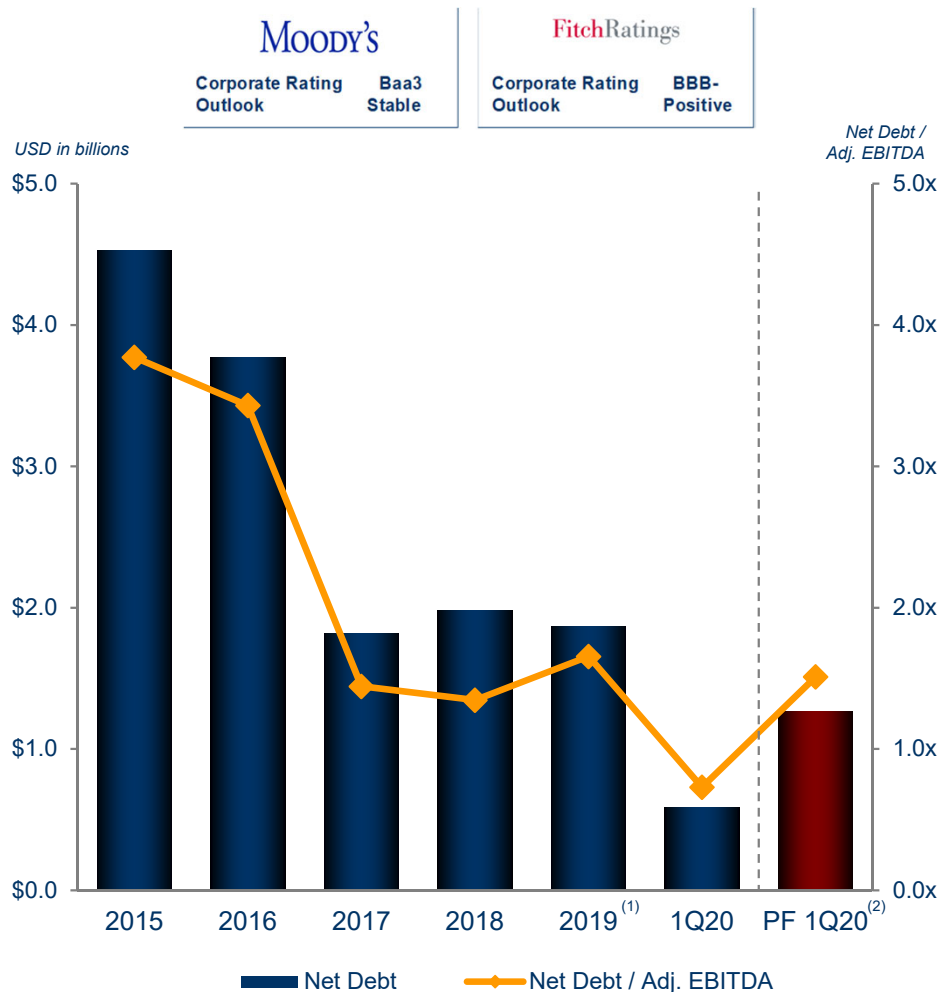
Since 2005, we've bolted on a dozen downstream businesses and completed several projects to position Huntsman Corporation for long term success.

Since 2015, we've improved the consistency of our cash generation and transformed our balance sheet with non-core asset sales.

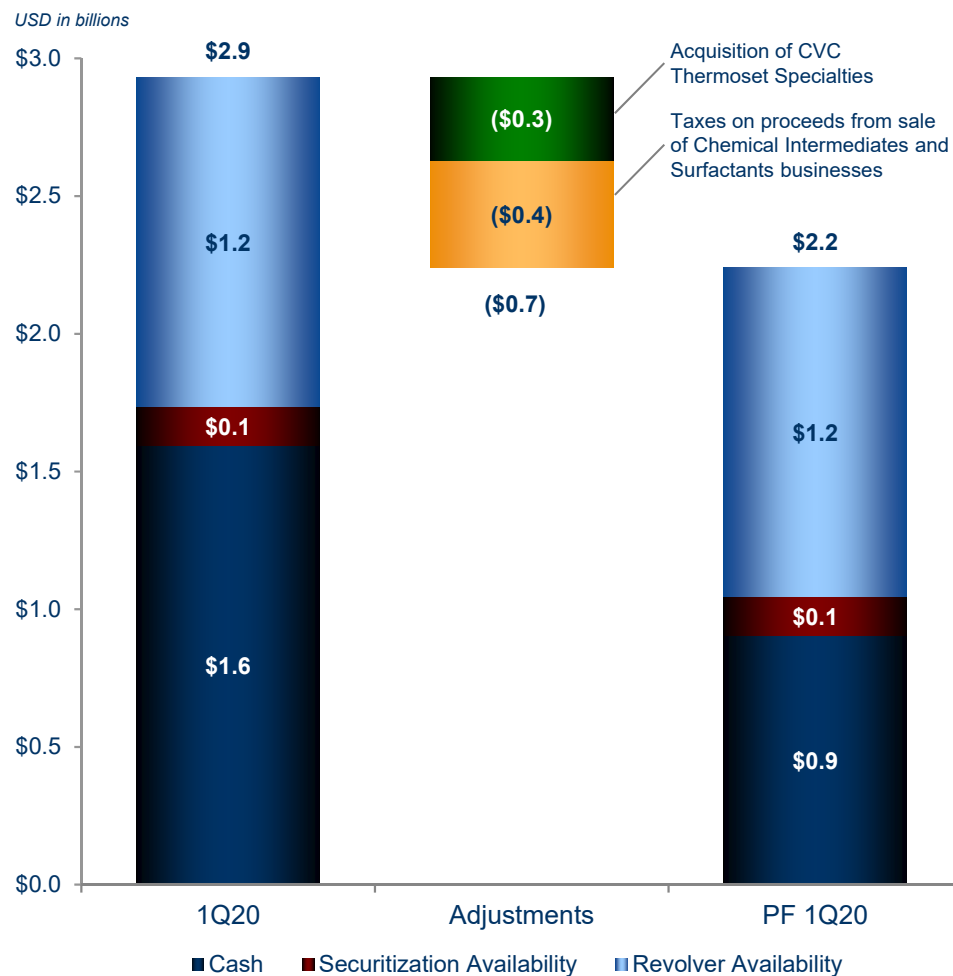
Note: Reflects proportion of sales revenue by segment or product group. Upstream Intermediates & Other includes intercompany sales.

Debt and Liquidity Considerations

Strong Balance Sheet – Low Leverage



Robust Liquidity



1Q20 LTM FCF Conversion of 42%⁽³⁾

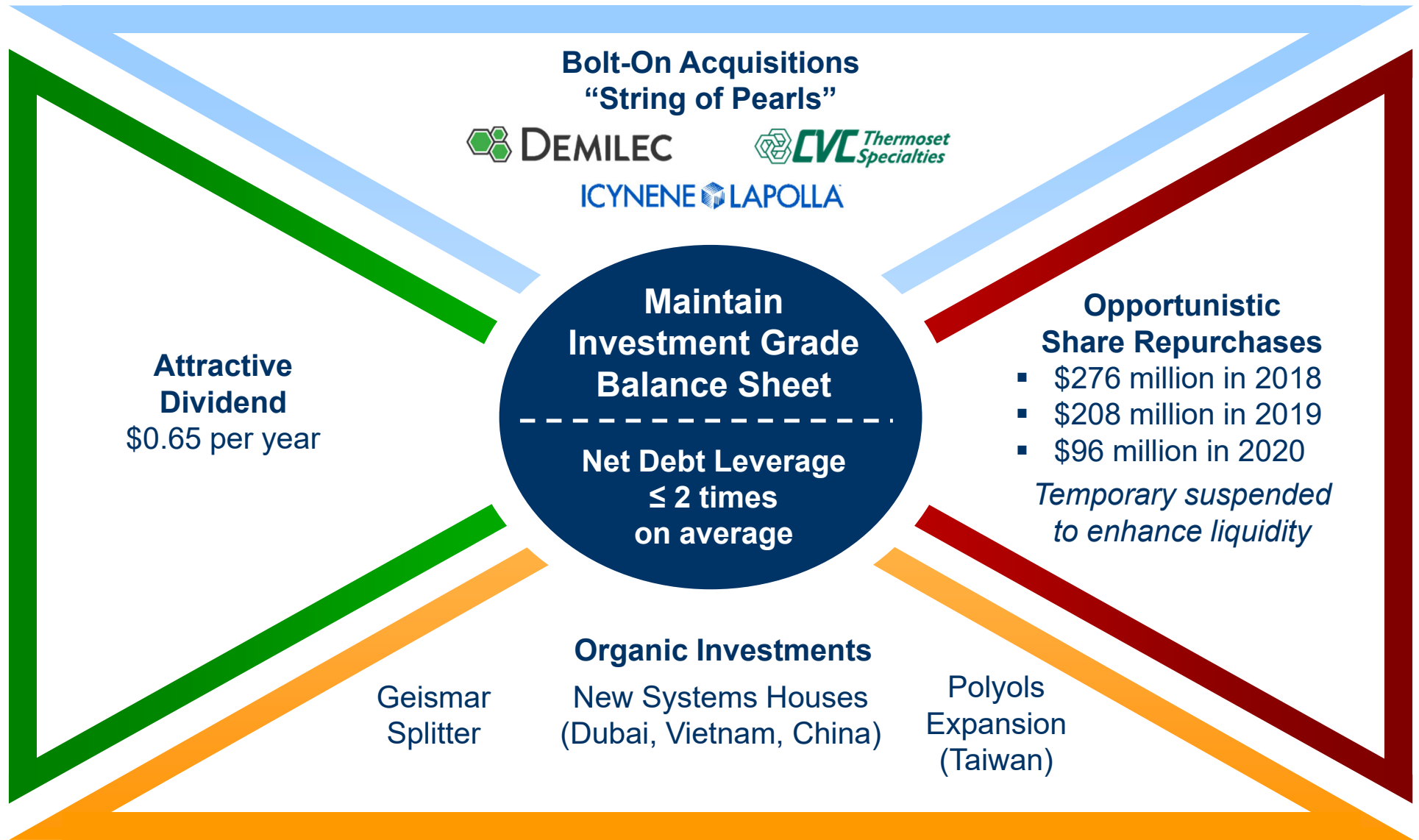
(1) Reflects total company adj. EBITDA including the Chemical Intermediates and Surfactants businesses.

(2) Pro forma for the ~\$300 million announced acquisition of CVC Thermoset Specialties and ~\$375 million in cash taxes to be paid on proceeds from the divestiture of the Chemical Intermediates and Surfactants businesses.

(3) Pro forma for ~\$50 million of overdue foreign VAT payments received.

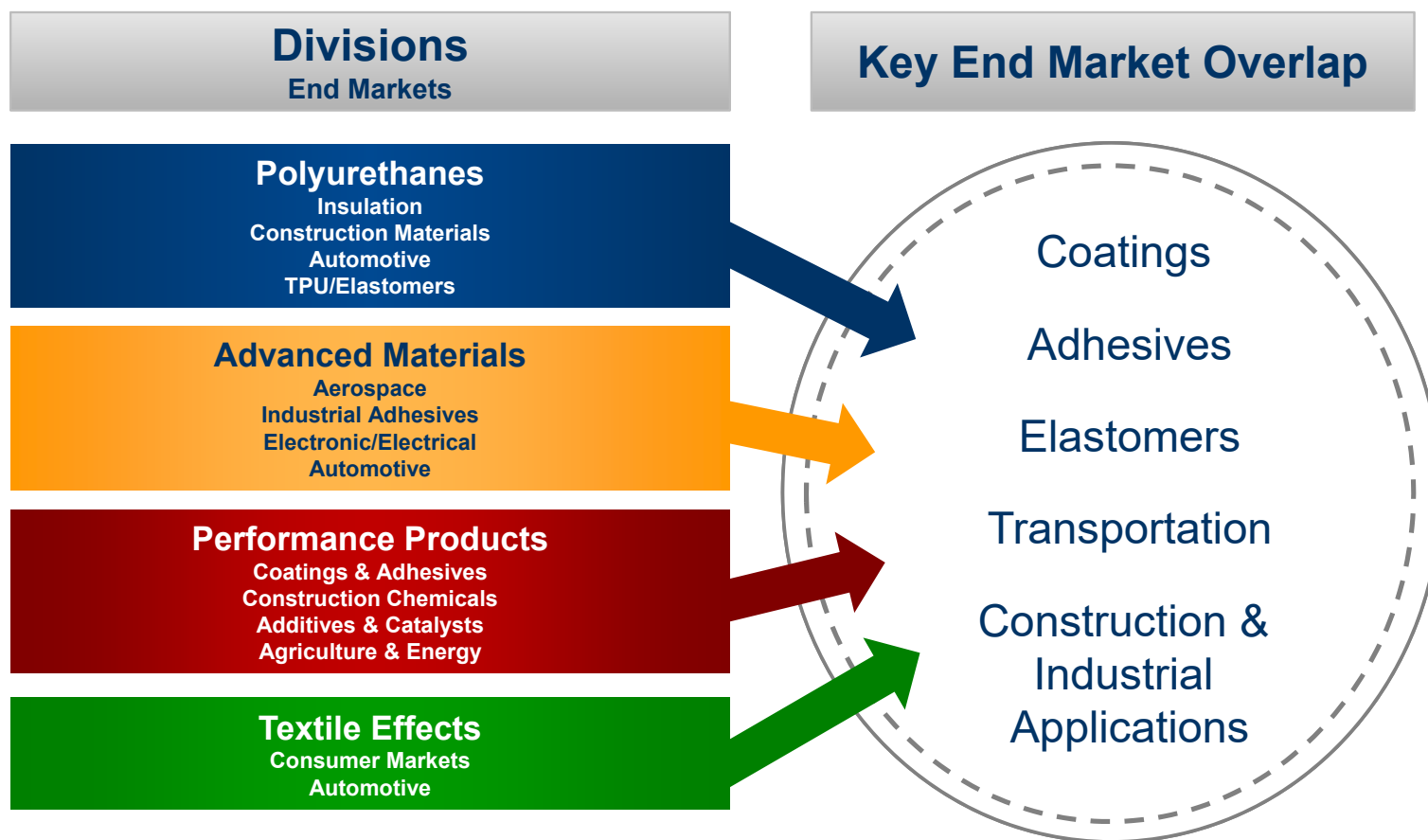
Huntsman Corporation

Balanced Capital Allocation Strategy



Huntsman's Transformed Portfolio

Core Platforms for Downstream Strategic Growth




Criteria for Strategic Growth:

- Complementary to key markets across core platforms
- Significant synergies through global scale up, routes to market, complementary new technology and pull through
- Strong financial metrics including strong free cash flow
 - Organic capital hurdle rate of >20% & inorganic IRR of >mid-teens


“String of Pearls” Strategy

Recent Additions to Huntsman Franchises – Across Divisions

PU – Demilec (SPF)

- Leading North American spray polyurethane foam (SPF) insulation manufacturer 
- Acquired April 23, 2018, for ~\$350 million (11.5x forward adj. EBITDA)
- Synergies already achieved. Purchase price now approaching 7.5x adj. EBITDA
- Acquisition rationale: polymeric MDI pull-through downstream, new technologies, global scale-up opportunity

AM – CVC Thermoset Specialties

- North American specialty chemical manufacturer serving the industrial composites, adhesives and coatings markets 
- Announced March 16, 2020, \$300 million (~10x LTM adj. EBITDA)
- Pro forma for synergies, purchase price of ~7x - 8x LTM adj. EBITDA
- Acquisition rationale: expands technology breadth and offers highly specialized toughening, curing and other additives used in wide array of applications

PU – Icynene-Lapolla (SPF)

- Leading North American manufacturer of spray polyurethane foam (SPF) 
- Acquired February 20, 2020, for \$350 million (~10x adj. LTM EBITDA)
- Pro forma for synergies, purchase price is ~7x adj. EBITDA
- Acquisition rationale: expands SPF product offerings in open cell, closed cell and polyol technologies; aligned with Huntsman’s portfolio of energy-saving insulation offerings

PP – Maleic Anhydride Joint Venture

- Remaining 50% interest in the Sasol-Huntsman maleic anhydride joint venture
- Acquired from Sasol on September 30, 2019, for ~\$100 million including net cash (~5.0x LTM adj. EBITDA)
- Acquisition rationale: fully integrate European operations into global business and better servicing of worldwide customer base

Huntsman Completes the Acquisition of Icynene-Lapolla

Expands Downstream Footprint in Spray Polyurethane Foams

Acquisition Overview

- **Description:** North American Spray Polyurethane Foam (SPF) manufacturer and distributor with leading positions selling into 35 countries globally
- **Manufacturing Locations:** Houston, Texas and Mississauga, Ontario
- **Sales Revenue:** ~\$230 million
- **Purchase Price:** \$350 million, subject to customary closing adjustments; ~10x 2019E adjusted EBITDA, or ~7x pro forma for synergies
- **Completed:** February 20, 2020

Strategic Rationale

- ✓ **Expands** Huntsman's SPF product offerings in open cell, closed cell and polyol technologies; **aligned** with Huntsman's portfolio of energy-saving insulation offerings
- ✓ **Increases** scale and **accelerates** international sales and expansion opportunities
- ✓ **Grows** customer base, including the Company's presence in the North American distribution channel
- ✓ **Offers** significant **synergies**, including pull-through of polyols and lower margin polymeric MDI into higher margin downstream business

Huntsman's Growing Spray Polyurethane Foam Business

ICYNENE  LAPOLLA®



 **DEMILEC**

Premier Global SPF Business:
targeting sales revenue of
\$500 million, with adj. EBITDA of
\$100 million including synergies

Huntsman Portfolio Strongly Aligned with Sustainability

Illustrative Examples

	PU	AM	PP	TE
Energy Conservation & Storage	Insulation (spray foam, pipe insulation, food preservation)	✓		
	Power grid (transformer coatings)		✓	
	Battery solvents and potting		✓	✓
	Wind energy (resins and hardeners)		✓	✓
	Light weighting (transportation, industrial)	✓	✓	✓
Emissions Reduction	Low-VOC emission products (automotive, household goods)	✓		✓
	Cleaner fuels and natural gas treating			✓
Waste Reduction	Water-reducing and zero discharge dyes and inks			✓
	Upcycling PET (e.g., plastic bottles) to polyester polyols	✓		

Huntsman transforms PET scrap into energy-saving formulations



Proactively Addressing Controllable Matters

Capitalized on learnings from past crises to build strong balance sheet and are proactively deploying initiatives to further bolster the business

1. **Protecting a Strong Balance Sheet and Conserving a Robust Liquidity Position**
 - Reducing 2020 capital expenditures by ~30%
 - Suspended share repurchases
 - Responsive working capital management, reducing inventories and managing collection risk
2. **Controlling SG&A and Discretionary Spending**
 - Suspended 2020 salary increases
 - Implemented a hiring freeze
 - Targeting annualized reduction of costs of ~\$15mm through cost realignment
3. **Integrating Recent Acquisitions and Achieving Synergies Faster**
 - Integrating Icyne-Lapolla with Demilec and expect to achieve annualized synergies of ~\$15mm by end of 2021
 - Will integrate CVC Thermosets anticipated to close mid year and expect to achieve ~\$15mm of annualized synergies within 2 years of closing
4. **Strategically Developing Core Growth Portfolio Platforms**
 - Continuing concentrated efforts for global scale up of recent North American acquisitions
 - Focusing on product development and commercialization in growth markets, including expanding sustainability solutions
 - The construction of a new urethane splitter in North America, expected to be completed by mid 2022

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Enriching lives through innovation

Business Overview

Then (“Great Recession”) vs. Now

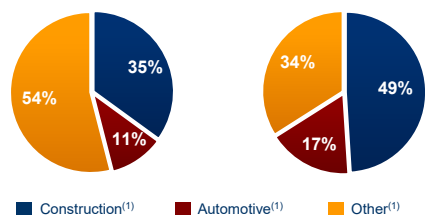
Then

Now

Changes to Business Since the “Great Recession”

Polyurethanes

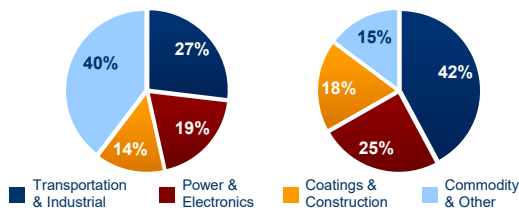
Ongoing Strategic Shift Downstream



- Expanded global MDI capacity by ~370 kT since 2009 and increased differentiated volumes proportionally by >10%
- Sold North American PO/MTBE business
- Completed 8 downstream acquisitions
- Accelerated organic downstream growth with construction of 5 downstream facilities (3 completed, 2 under construction) and new splitter in Geismar under construction to support downstream growth

Advanced Materials

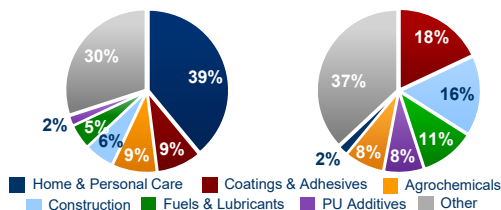
Restructured to Specialty Portfolio



- Focused product portfolio on specialty offerings
- Significantly reduced exposure to commodity BLR (shuttered ~50 kT of high-cost capacity)
- Restructured asset base and optimized footprint reducing fixed cost structure annually by ~\$40mm in 2013

Performance Products

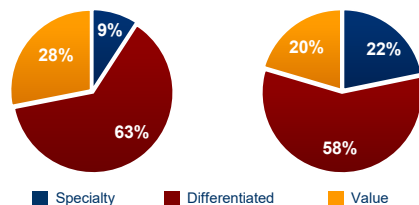
Divested Intermediates Business



- Divested Chemical Intermediates and Surfactants businesses
- Expanded portfolio of diversified product offerings supported by ~100 kT global amines capacity expansion and ~30 kT in Saudi Arabia JV
- Significant investments in maleic anhydride with construction of plant in Geismar (~45 kT) and purchase of Moers facility remaining JV interest (~105 kT)

Textile Effects

Realigned Footprint to End Markets

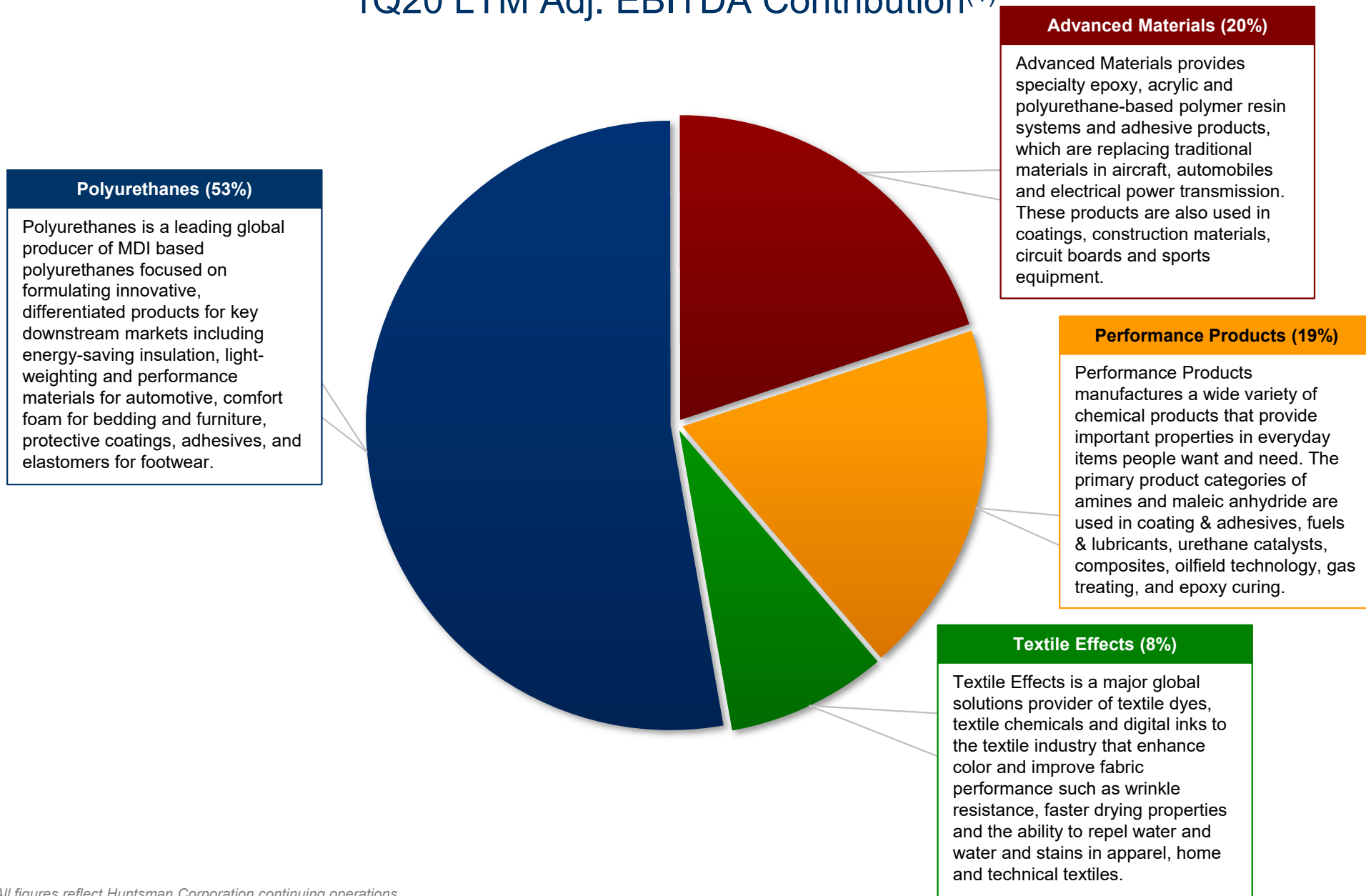


- Strengthened portfolio of specialty products
- Innovated products meeting global demand for sustainability
- Restructured footprint to align with market demand and reduced fixed cost structure by ~\$120mm from 2009 to 2019

(1) Polyurethanes 'Then' data exclude divested PO/MTBE business.

Huntsman Business Overview

1Q20 LTM Adj. EBITDA Contribution⁽¹⁾

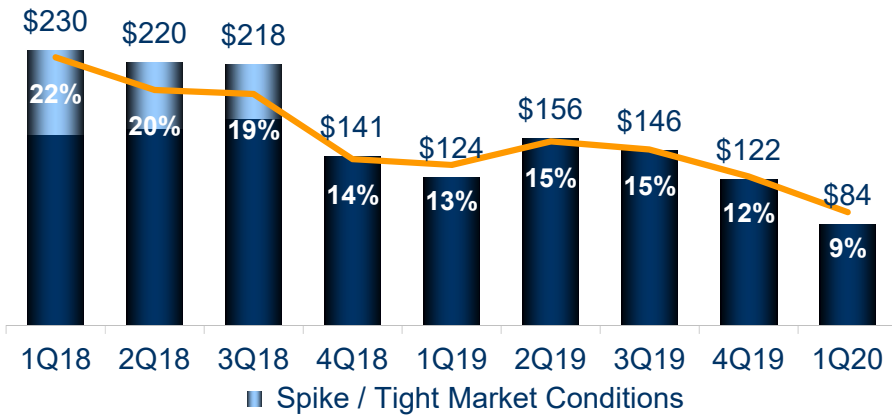


Note: All figures reflect Huntsman Corporation continuing operations.

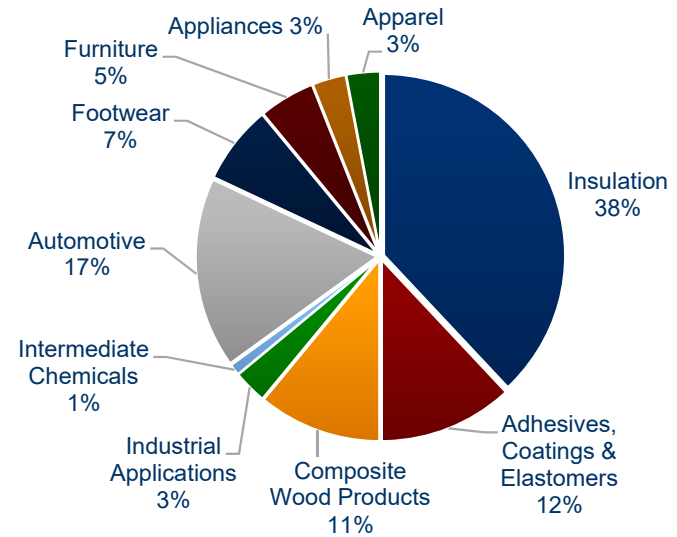
(1) Adj. EBITDA percentage of total excludes Corporate, LIFO and other eliminations.

Huntsman Corporation

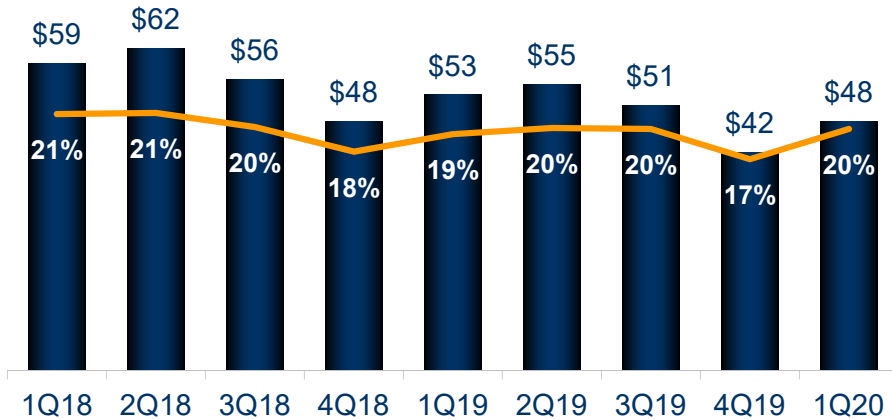
Polyurethanes Adj. EBITDA



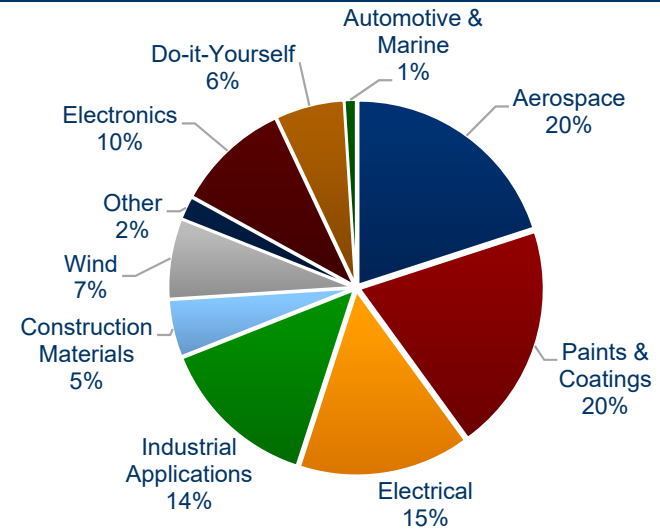
Polyurethanes End Markets



Advanced Materials Adj. EBITDA



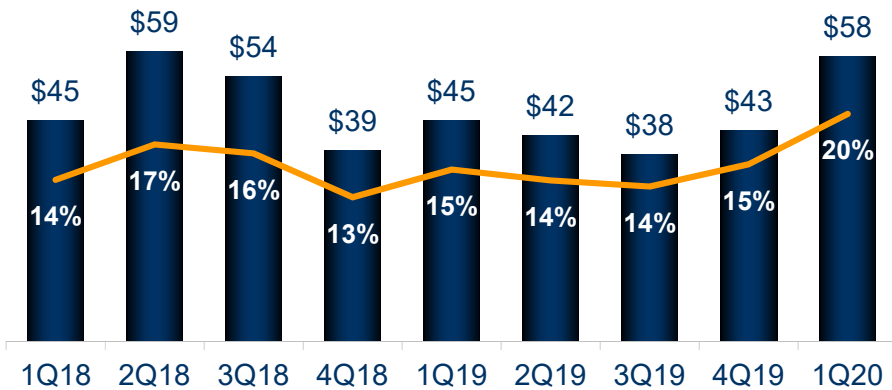
Advanced Materials End Markets



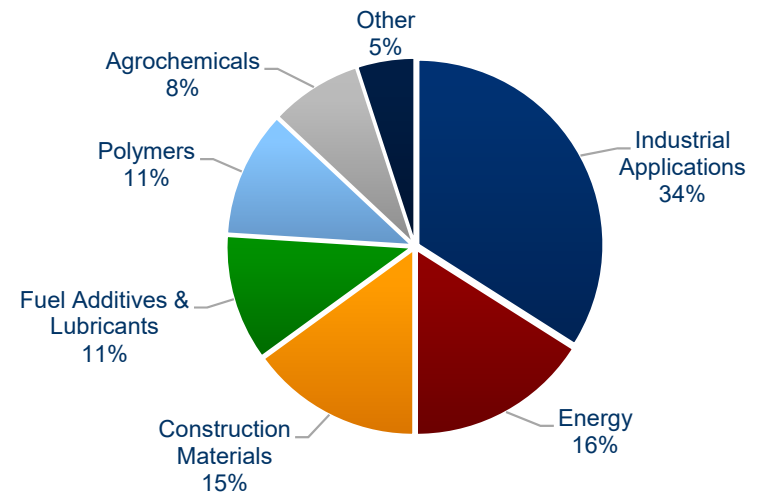
Note: All figures reflect Huntsman Corporation continuing operations. End Market information as of 2019 year end.

Huntsman Corporation

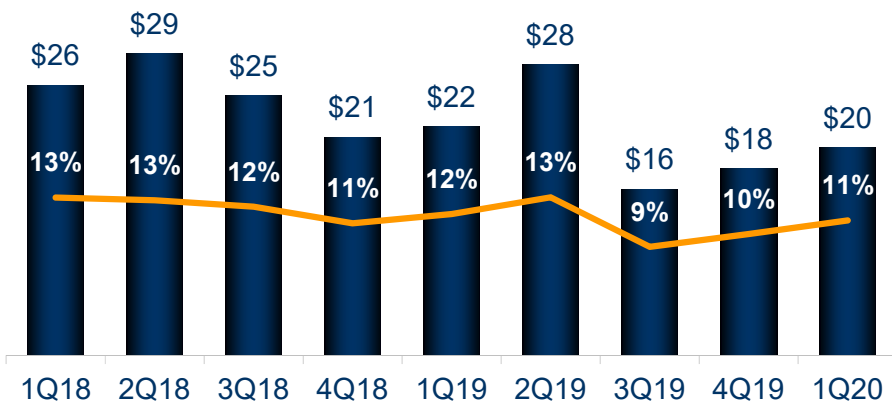
Performance Products Adj. EBITDA



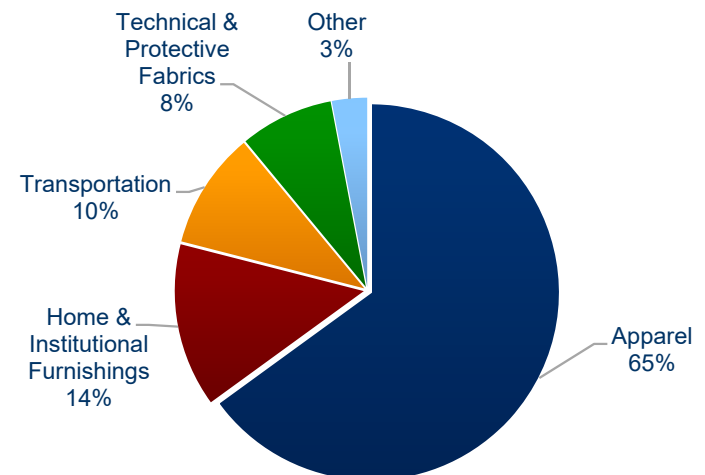
Performance Products End Markets



Textile Effects Adj. EBITDA



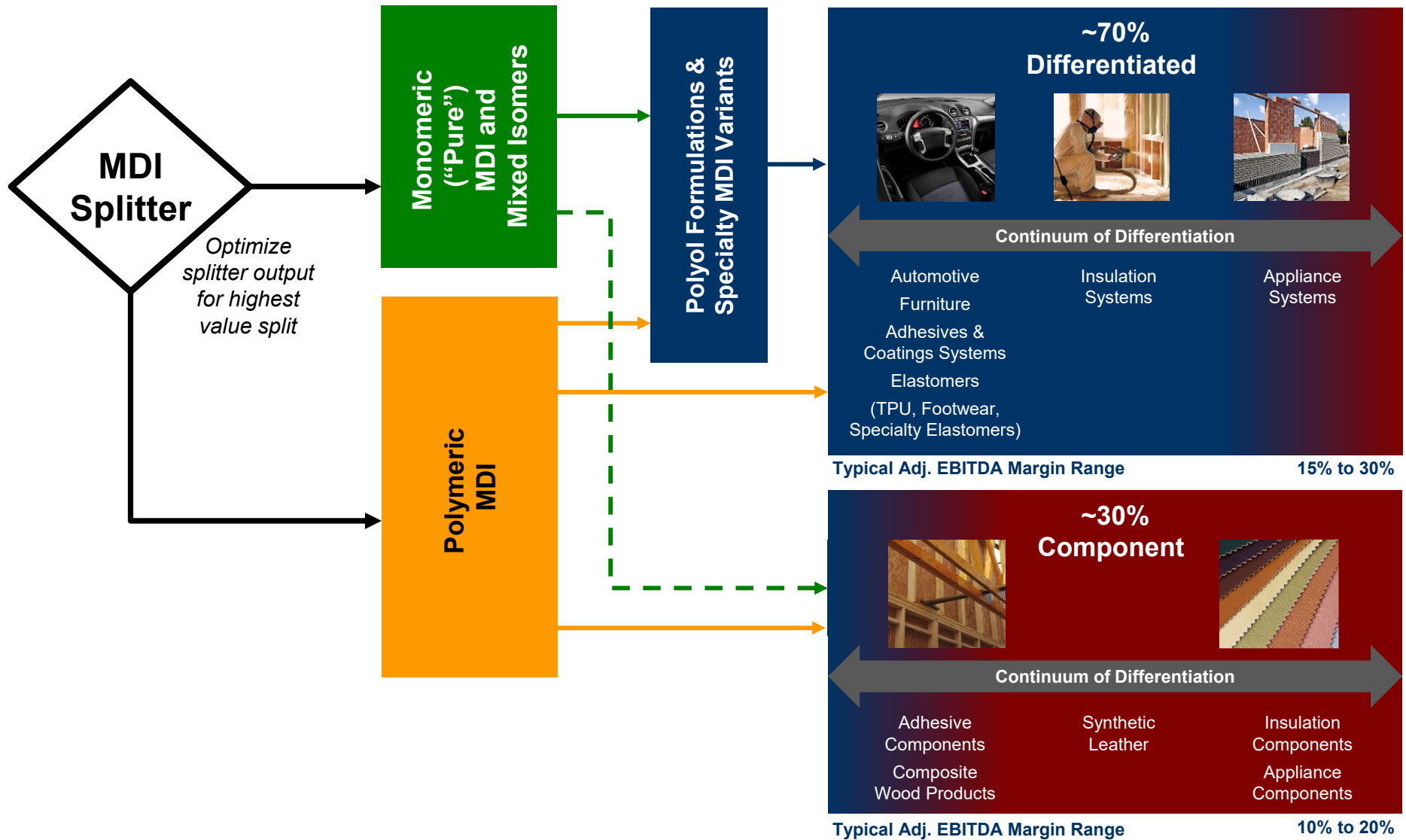
Textile Effects End Markets



Note: All figures reflect Huntsman Corporation continuing operations. End Market information as of 2018 year end.

Huntsman Polyurethanes

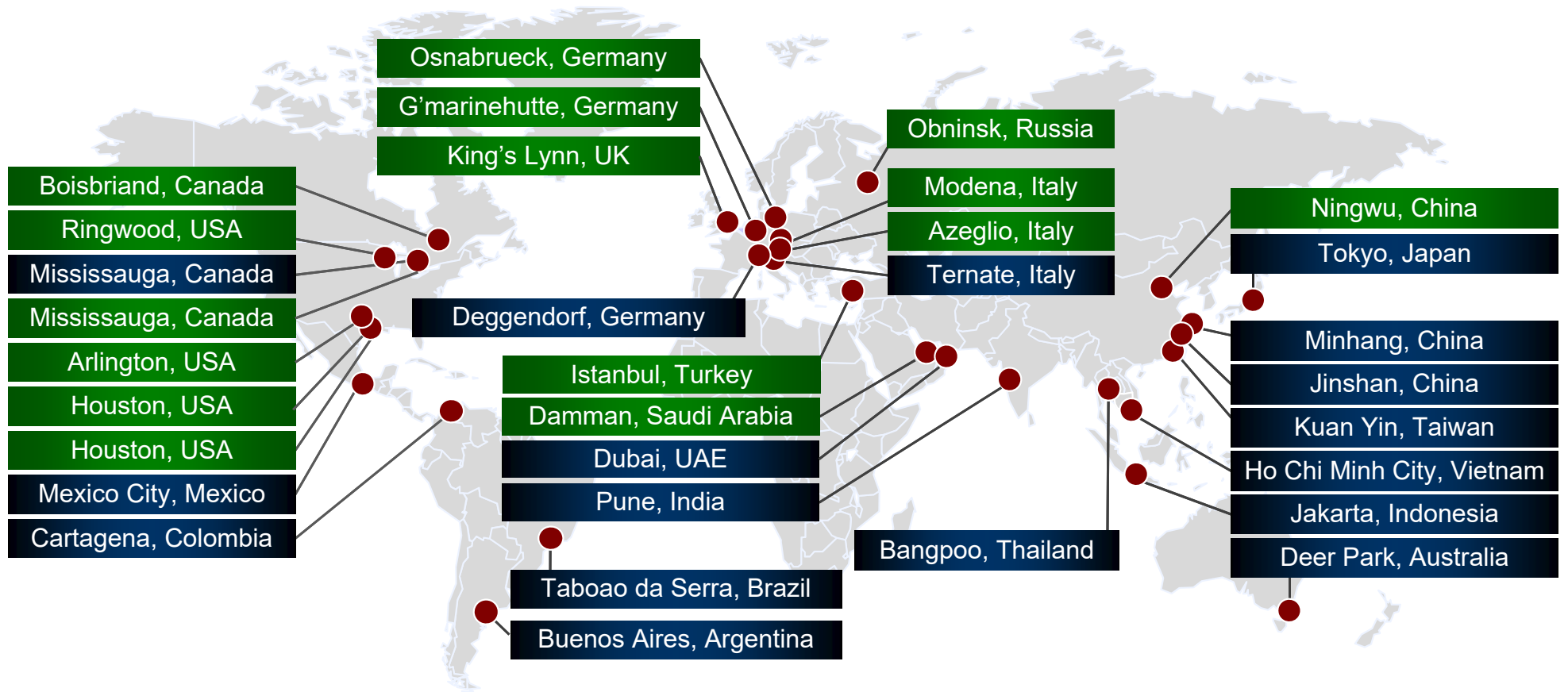
Differentiation is a Continuum



Huntsman is focused on moving downstream while developing long-term relationships with stable margins in Component MDI.

Polyurethanes Downstream Footprint

Significant Expansion Program



Own Build
Acquired

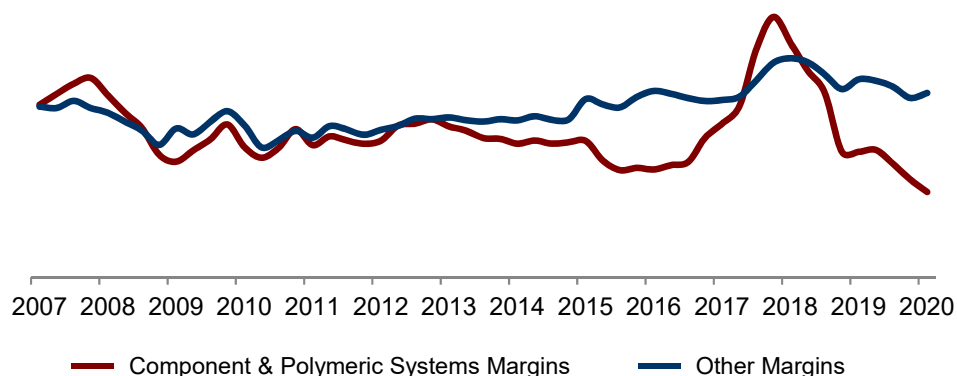
New investments under construction

- Systems house in North China
- TPU line in Jinshan, China
- Polyols facility in Taiwan

Polyurethanes Focus Remains on Differentiation

Differentiated Margins Remain Relatively Stable

Component & Polymeric Systems vs. Other Margins (Global)



Ongoing Growth Initiatives

- On February 20, 2020, completed acquisition of Icynene-Lapolla, a leading Spray Polyurethane Foam (SPF) manufacturer and distributor
 - Premier global SPF business by combining Icynene-Lapolla with Demilec SPF business
 - Targeting future sales revenue of ~\$500mm with EBITDA margins >20% and double-digit annual growth
 - Significant synergies including pull-through of polyols and lower margin polymeric MDI into higher margin downstream business
- Systems houses under construction in North China and Taiwan, and a TPU line in Jinshan, China
 - Opened a systems house in Dubai in 2019
- Construction of a new MDI splitter in Geismar, LA to increase the Americas differentiated split ratio by >50%
 - Cost estimate of \$175mm and IRR significantly above 20% hurdle rate
 - Completion expected mid 2022
- Committed to ongoing bolt-on acquisition strategy

Investments and Developments Since 2007

	2007	Current ⁽¹⁾
Differentiated / Component Mix (percent of volumes)	~60% / ~40%	~70% / ~30%
MDI Capacity (millions of pounds)	~2,100	~2,900
~800 mmlbs increase in Differentiated volumes since 2007		
Acquired Differentiated Businesses (count)	3	11
Acquired Differentiated EBITDA (USD in millions)	\$19	\$200

(1) Current downstream EBITDA represents 1Q20 LTM pro forma for full year contribution of Icynene-Lapolla.

Huntsman Polyurethanes

New Crude MDI Splitter in Geismar, LA

Overview

- Announced plan to construct new state-of-the-art MDI splitter in Geismar, LA to increase total splitting capacity
- Will increase flexibility for splitting higher margin MDI in Americas, similar split ratio to existing Europe and China facilities
- IRR substantially higher than 20% hurdle rate
- Expected operations in 2022

Replicating Global Success

- Leverages learning from successful projects in Rotterdam & Caojing
- Modular build and design approach
- Site location minimizes interference with existing operations



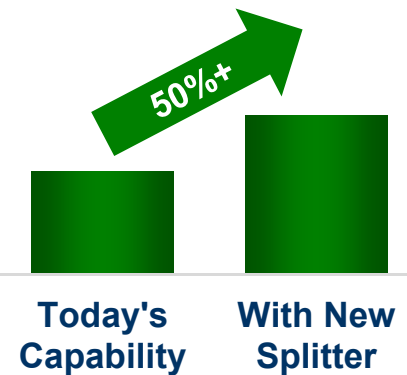
Rotterdam

Investment to Accelerate Differentiation

Geismar, LA Indicative product split with new splitter

mMDI +
Mixed Isomers

pMDI



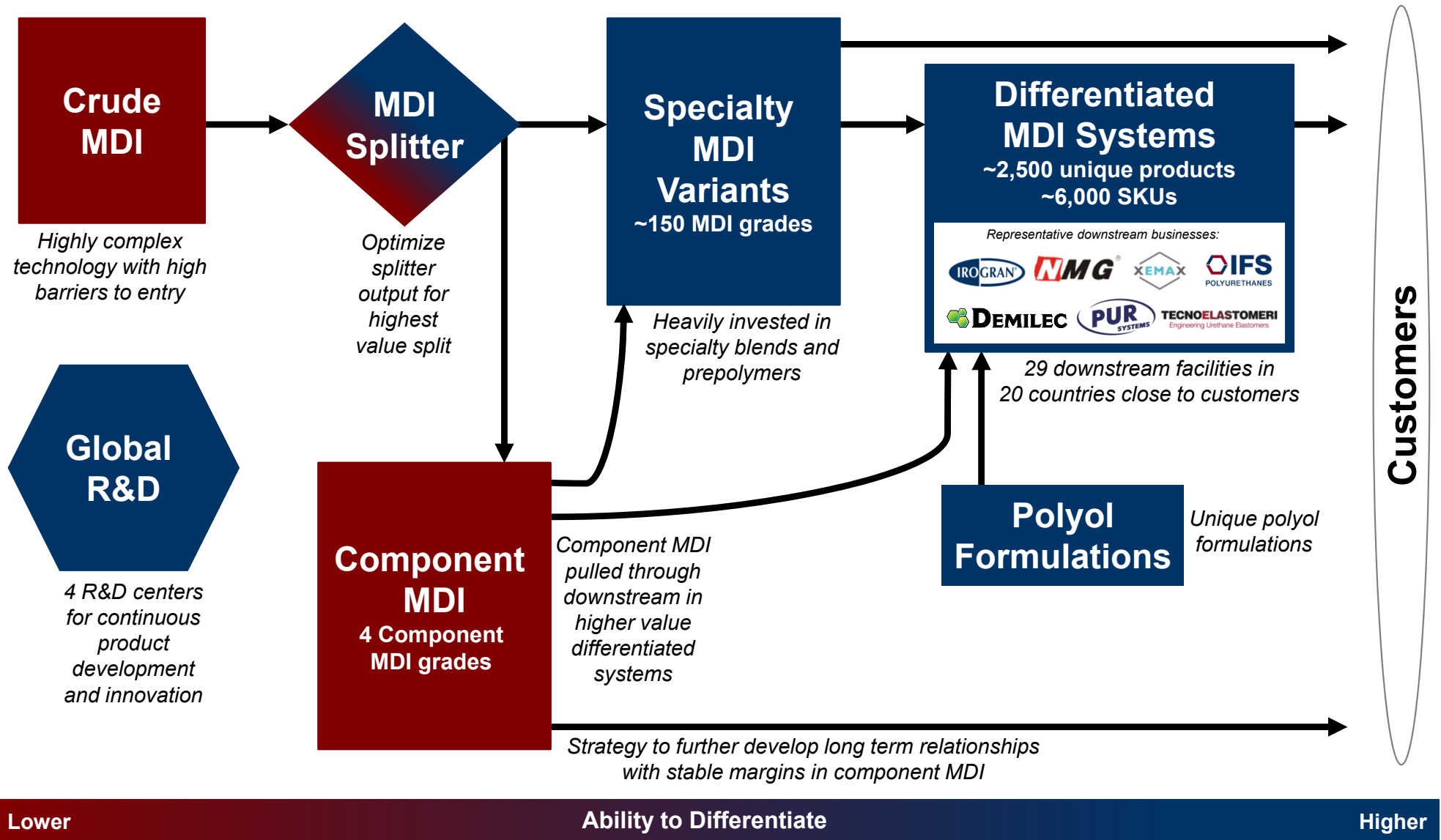
<p>mMDI + Mixed Isomers</p> <ul style="list-style-type: none"> ▪ Adhesives ▪ Coatings ▪ Elastomers 	
<p>mMDI + Mixed Isomers + pMDI</p> <ul style="list-style-type: none"> ▪ Automotive ▪ Bedding 	
<p>pMDI</p> <ul style="list-style-type: none"> ▪ Insulation Systems 	

Higher Value Product Offerings

Remaining pMDI sold into Component markets

Huntsman Polyurethanes

Differentiating Factors Along the Value Chain



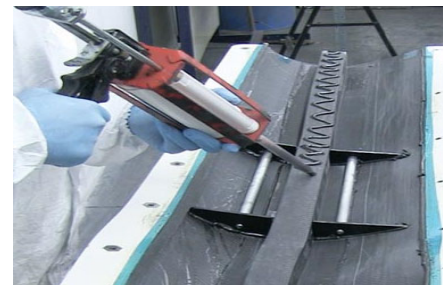
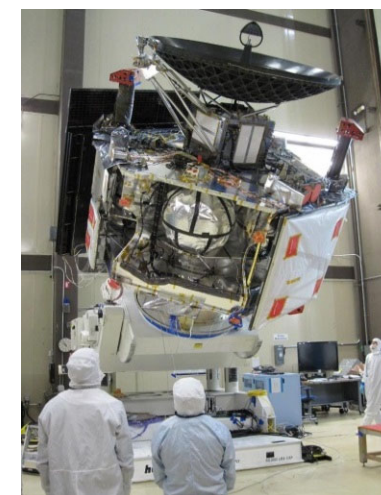
Global footprint of integrated MDI facilities, R&D and downstream systems businesses in higher growth end markets.

Advanced Materials a Platform for Specialty Growth

Benefit by Leveraging Innovation and Acquisitions

2019 Adj. EBITDA

Effect Market	Light Weighting	Adhesion & Joining	Electrical Insulation	Protection	New Effects
Transportation & Industrial	Adj. EBITDA \$136mm				
Electrical & Electronic	Adj. EBITDA \$53mm				
Coatings & Construction	Adj. EBITDA \$19mm				
Adjacent Markets	Innovation and bolt-on acquisitions				



Advanced Materials Market Positioning

High Value Formulations Business

Large Epoxy Players

HUNTSMAN

Huntsman's Position

Increasing Product Differentiation in Value Chain

Raw Materials

- Allyl Chloride
- Epichlorohydrin
- Phenol
- Acetone
- Bisphenol A

Basic Resins

- Basic Liquid Resin
- Solid Resin
- Solutions

Specialty Components

- Modified Resins
- Multifunctional Resins
- Other chemistries
 - Cyanate Esters
 - Benzoxazines
 - Curatives

Formulated Systems
(tailored material solutions)

Huntsman's Value Proposition

Excellent Product Performance

Innovation Focus

Effect Formulation Expertise

Superior Productivity In Use

Exceptional Supply Reliability

Focus on Customer Service

Performance Products Amines and Maleic Anhydride

Sustainable Growth Underpinned by Macro Trends, Leading Market- and Low Cost Positions



Amines



Maleic Anhydride

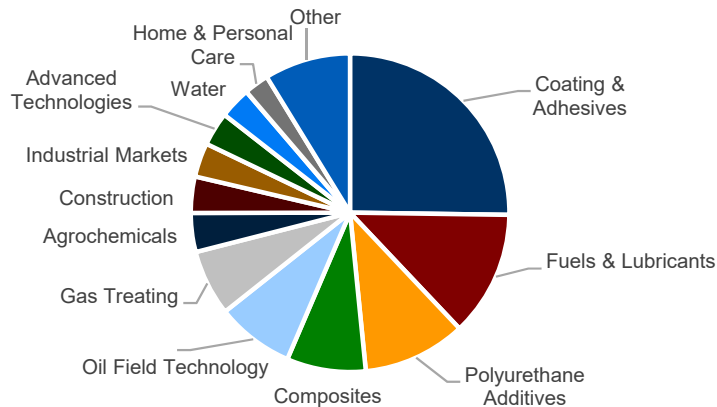
Strategic Strengths

- Amines growth well supported by macro trends in light-weighting, clean air and energy efficiency
- Broadest product offering and largest global marketer of amines
- Global manufacturing footprint
- Recent investments in Jeffcat and DGA products
- Available capacity for growth

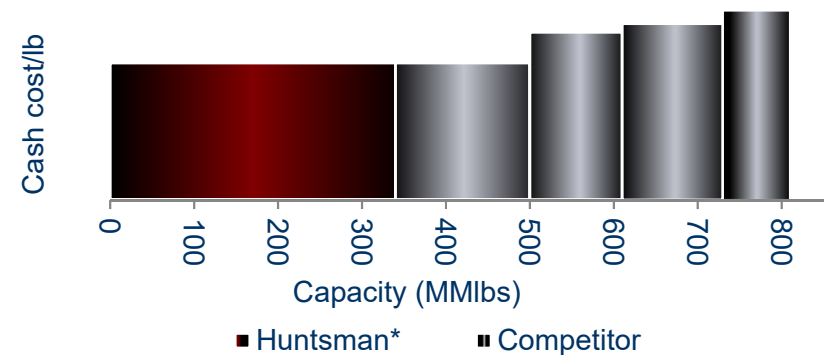
- World's largest maleic producer and merchant seller; 12% global market share, >40% in North America and EU
- Global technology leader, licensor and catalyst provider
- Low-cost producer in North America and EU
- Free cash flow conversion of ~75%
- On September 30, 2019, Huntsman completed the purchase of the 50% interest in the Sasol-Huntsman maleic anhydride joint venture that it did not own for ~\$100mm (including net cash)

Focus on Growth and Stable, High Margins

Broad Product Offering Poised for Growth



Stable, High-Margin Business with Low Cost Position



* Total capacity and average cost of two US plants
Source: Management Estimates

Huntsman Textile Effects Positioning

Technologies Aligned with Macro Trends

Indicative
Huntsman Products

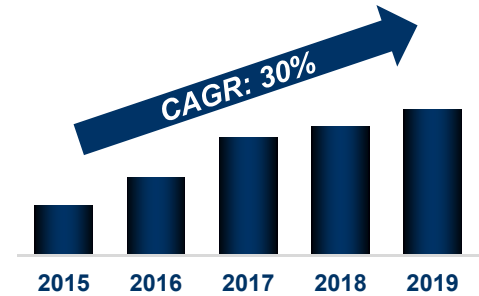
Brand
Partners

Volume Growth
2015 - 2019

Water and Energy Conservation



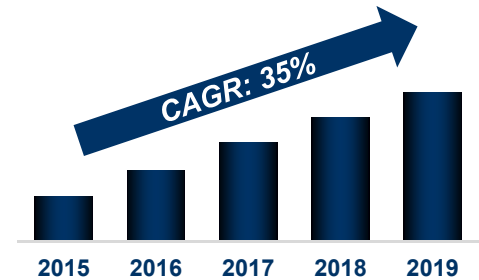
Award winning new generation specialty solutions for water and energy savings



Cleaner Chemistries



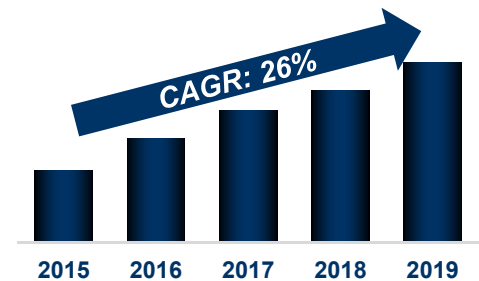
Leading the transition to specialty non-fluorochemical solutions



Zero Discharge



Pioneer and leader in digital inks



The logo for Huntsman, featuring the word "HUNTSMAN" in a bold, dark blue, sans-serif font. The text is centered and flanked by two horizontal red bars, one above and one below the letters.

Enriching lives through innovation

Appendix

Summary Financials and Reconciliation

USD In millions	1Q18	2Q18	3Q18	4Q18	FY18	1Q19	2Q19	3Q19	4Q19	FY19	1Q20	1Q20 LTM
Segment Revenues:												
Polyurethanes	\$ 1,025	\$ 1,117	\$ 1,126	\$ 1,014	\$ 4,282	\$ 924	\$ 1,014	\$ 993	\$ 980	\$ 3,911	\$ 888	\$ 3,875
Performance Products	319	343	329	310	1,301	300	299	281	278	1,158	292	1,150
Advanced Materials	279	292	279	266	1,116	272	275	256	241	1,044	241	1,013
Textile Effects	200	227	204	193	824	189	215	179	180	763	180	754
Corporate and eliminations	15	(2)	30	38	81	(16)	(19)	(22)	(22)	(79)	(8)	(71)
Total	\$ 1,838	\$ 1,977	\$ 1,968	\$ 1,821	\$ 7,604	\$ 1,669	\$ 1,784	\$ 1,687	\$ 1,657	\$ 6,797	\$ 1,593	\$ 6,721
Segment Adjusted EBITDA:												
Polyurethanes	\$ 230	\$ 220	\$ 218	\$ 141	\$ 809	\$ 124	\$ 156	\$ 146	\$ 122	\$ 548	\$ 84	\$ 508
Performance Products	45	59	54	39	197	45	42	38	43	168	58	181
Advanced Materials	59	62	56	48	225	53	55	51	42	201	48	196
Textile Effects	26	29	25	21	101	22	28	16	18	84	20	82
Corporate, LIFO and other	(44)	(40)	(45)	(42)	(171)	(40)	(36)	(36)	(43)	(155)	(45)	(160)
Total	\$ 316	\$ 330	\$ 308	\$ 207	\$ 1,161	\$ 204	\$ 245	\$ 215	\$ 182	\$ 846	\$ 165	\$ 807
Segment Adjusted EBITDA Margin:												
Polyurethanes	22%	20%	19%	14%	19%	13%	15%	15%	12%	14%	9%	13%
Performance Products	14%	17%	16%	13%	15%	15%	14%	14%	15%	15%	20%	16%
Advanced Materials	21%	21%	20%	18%	20%	19%	20%	20%	17%	19%	20%	19%
Textile Effects	13%	13%	12%	11%	12%	12%	13%	9%	10%	11%	11%	11%
Total	17%	17%	16%	11%	15%	12%	14%	13%	11%	12%	10%	12%
Net income (loss)	\$ 350	\$ 623	\$ (8)	\$ (315)	\$ 650	\$ 131	\$ 118	\$ 41	\$ 308	\$ 598	\$ 708	\$ 1,175
Net income attributable to noncontrolling interests	(76)	(209)	(3)	(25)	(313)	(12)	(8)	(11)	(5)	(36)	(3)	(27)
Net income (loss) attributable to Huntsman Corporation	274	414	(11)	(340)	337	119	110	30	303	562	705	1,148
Interest expense, net from continuing operations	27	29	30	29	115	30	29	27	25	111	18	99
Interest expense, net from discontinued operations	9	11	10	6	36	-	-	-	-	-	-	-
Income tax expense (benefit) from continuing operations	37	(12)	16	4	45	45	38	30	(151)	(38)	7	(76)
Income tax expense (benefit) from discontinued operations	36	100	(41)	(9)	86	5	14	25	(9)	35	238	268
Depreciation and amortization from continuing operations	62	63	62	68	255	67	69	65	69	270	67	270
Depreciation and amortization from discontinued operations	20	20	23	25	88	23	23	13	2	61	-	38
Business acquisition and integration expenses and purchase accounting inventory adjustments	1	7	2	(1)	9	1	-	3	1	5	13	17
EBITDA from discontinued operations, net of tax	(226)	(512)	213	354	(171)	(51)	(72)	(106)	(36)	(265)	(1,015)	(1,229)
Noncontrolling interest of discontinued operations	55	188	(21)	10	232	-	-	-	-	-	-	-
Loss (gain) on sale of businesses/assets	-	-	-	-	-	-	-	-	21	21	(2)	19
Expenses associated with merger, net of tax	-	1	1	-	2	-	-	-	-	-	-	-
Fair value adjustments to Venator Investment	-	-	-	62	62	(76)	18	148	(72)	18	110	204
Loss on early extinguishment of debt	-	3	-	-	3	23	-	-	-	23	-	-
Certain legal settlements and related expenses (income)	2	1	1	(3)	1	-	-	1	5	6	2	8
Certain information technology implementation costs	-	-	-	-	-	-	-	1	3	4	1	5
Amortization of pension and postretirement actuarial losses	16	16	18	17	67	17	16	16	17	66	18	67
Restructuring, impairment and plant closing and transition costs (credits)	3	1	5	(15)	(6)	1	-	(43)	1	(41)	3	(39)
Plant incident remediation costs	-	-	-	-	-	-	-	5	3	8	-	8
Adjusted EBITDA	\$ 316	\$ 330	\$ 308	\$ 207	\$ 1,161	\$ 204	\$ 245	\$ 215	\$ 182	\$ 846	\$ 165	\$ 807