

Select Historical Financials

Updated to reflect treatment of Pigments & Additives as discontinued operations

General

As previously announced, we completed the separation of our Pigments & Additives division through an Initial Public Offering ("IPO") of ordinary shares of Venator Materials PLC ("Venator") on August 8, 2017. It is our intention to monetize our 75.4% retained ownership in Venator at prevailing market conditions and expect to implement multiple follow-on capital market or block transactions that permit an orderly distribution of Huntsman's retained shares. This presentation reclassifies select historical financial data, reflecting the results of the associated Pigments & Additives business as discontinued operations.

This presentation contains financial measures that are not in accordance with generally accepted accounting principles in the U.S. ("GAAP"), including EBITDA, adjusted EBITDA from discontinued operations, normalized EBITDA, adjusted net income (loss), adjusted diluted income (loss) per share, free cash flow and net debt. The Company has provided reconciliations of non-GAAP financial measures to the most directly comparable GAAP financial measures in the Appendix to this presentation.

Forward-Looking Statements:

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. We assume no obligation to provide revisions to any forward-looking statements should circumstances change, except as required by applicable laws.

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, reorganization or restructuring of Huntsman's operations, including any delay of, or other negative developments affecting, the separation of Venator Materials PLC, 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.

All forward-looking statements attributable to us or persons acting on our behalf apply only as of the date made and are expressly qualified in their entirety by the cautionary statements included in this presentation. 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.





2017 Results of Operations

				2017		
In millions, except per share amounts		Three mar 31		ended un 30	е	months nded un 30
Payanua	 \$		\$	2,054	-	
Revenues Cost of goods sold	Ф	1,932 1,540	Ф	2,054 1,617	\$	3,986 3,157
Gross profit		392		437		829
Operating expenses		219		220		439
Restructuring, impairment and plant closing costs		9		3		12
Expenses associated with the merger		-		6		6
Operating income		164		208		372
Interest expense		(48)		(47)		(95)
Equity in income of investment in unconsolidated affiliates		-		` 3		3
Loss on early extinguishment of debt		-		(1)		(1)
Other income (expense)		2		(1)		1
Income before income taxes		118		162		280
Income tax expense		(19)		(24)		(43)
Income from continuing operations		99		138		237
(Loss) income from discontinued operations, net of tax ⁽⁴⁾		(7)		45		38
Net income		92		183		275
Net income attributable to noncontrolling interests, net of tax		(16)		(16)		(32)
Net income attributable to Huntsman Corporation	\$	76	\$	167	\$	243
Adjusted EBITDA ⁽¹⁾	\$	260	\$	299	\$	559
Adjusted net income ⁽¹⁾		110				254
Adjusted net income	\$	110	\$	144	\$	254
Basic income per share	\$	0.32	\$	0.70	\$	1.02
Diluted income per share	\$	0.31	\$	0.69	\$	1.00
Adjusted diluted income per share ⁽¹⁾	\$	0.45	\$	0.59	\$	1.04
Common share information:						
Basic shares outstanding		237		238		238
Diluted shares		243		244		243
Diluted shares for adjusted diluted income per share		243		244		243
See appendix of presentation for footnote explanations						

Quarterly

								201	17							
		EB	ITD/	4		Incor Exp	ne Ta ense			Net Ir	ncom	ie		ted I er SI	ncome nare	
	Three months ended							ended	Three months ended				Three	mont	hs ended	
In millions, except per share amounts	Ma	Mar 31		Jun 30		ar 31	Jun 30		Mar 31		<u>Jun 30</u>		Mar 31		<u>Jun 30</u>	
Net income Net income attributable to noncontrolling interests	\$	92 (16)	\$	183 (16)					\$	92 (16)	\$	183 (16)	\$ 0.3 (0.0		\$ 0.75 (0.07)	
Net income attributable to Huntsman Corporation Interest expense from continuing operations Income tax expense from continuing operations		76 48 19		167 47 24	\$	(19)	\$	(24)		76		167	0.0	31 [0.69	
Income tax (benefit) expense from discontinued operations ⁽⁴⁾ Depreciation and amortization from continuing operations		3 76		21 79	Ψ	(10)	Ψ	(= 1)								
Depreciation and amortization from discontinued operations (4) Acquisition and integration expenses		30 3		29 4		(1)		-		2		4	0.0	01	0.02	
EBITDA / Loss (income) from discontinued operations, net of tax ⁽⁴⁾ Minority interest of discontinued operations		(26) 3		(95) 3		N/A N/A		N/A N/A		7 3		(45) 3	0.0 0.0		(0.18) 0.01	
Gain on disposition of businesses/assets Loss on early extinguishment of debt		-		(8) 1		-		-		-		(8) 1	-		(0.03)	
Expenses associated with merger, net of tax Certain legal settlements and related expenses		-		6 1		-		-		-		6 1	-		0.02	
Amortization of pension and postretirement actuarial losses Restructuring, impairment and plant closing and transition costs		19 9		17 3		(4) (2)		(4) (1)		15 7		13 2	0.0 0.0		0.05 0.01	
Adjusted ⁽¹⁾	\$	260	\$	299	\$	(26)	\$	(29)	\$	110	\$	144	\$ 0.4	45	\$ 0.59	
Adjusted income tax expense ⁽¹⁾ Net income attributable to noncontrolling interests, net of tax Minority interest of discontinued operations									\$	26 16 (3)	\$	29 16 (3)				
Adjusted pre-tax income ⁽¹⁾									\$	149	\$	186				
Adjusted effective tax rate										17%		16%				



June YTD

Six	mo	nth	S	end	dec
	lun	30.	2	017	7

			 	<i>a</i> 11 00, <i>i</i>		
In millions, except per share amounts	EB	ITDA	me Tax pense	Net	<u>Income</u>	d Income Share
Net income	\$	275		\$	275	\$ 1.13
Net income attributable to noncontrolling interests		(32)			(32)	(0.13)
Net income attributable to Huntsman Corporation		243			243	1.00
Interest expense from continuing operations		95				
Income tax expense from continuing operations		43	\$ (43)			
Income tax expense from discontinued operations ⁽⁴⁾		24				
Depreciation and amortization from continuing operations		155				
Depreciation and amortization from discontinued operations (4)		59				
Acquisition and integration expenses		7	(1)		6	0.02
EBITDA / Income from discontinued operations, net of tax ⁽⁴⁾		(121)	N/A		(38)	(0.16)
Minority interest of discontinued operations		` 6 [′]	N/A		6	0.02
Gain on disposition of businesses/assets		(8)	-		(8)	(0.03)
Loss on early extinguishment of debt		1	-		1	-
Expenses associated with merger, net of tax		6	-		6	0.02
Certain legal settlements and related expenses		1	-		1	-
Amortization of pension and postretirement actuarial losses		36	(8)		28	0.12
Restructuring, impairment and plant closing and transition costs		12	(3)		9	0.04
Adjusted ⁽¹⁾	\$	559	\$ (55)	\$	254	\$ 1.04
Adjusted income tax expense ⁽¹⁾				\$	55	
Net income attributable to noncontrolling interests, net of tax					32	
Minority interest of discontinued operations					(6)	
Adjusted pre-tax income ⁽¹⁾				\$	335	
Adjusted effective tax rate					16%	



2017 Selected Balance Sheet Items

$\mathbf{\Omega}$	^	4	-
	U	•	

In millions	N	lar 31	J	un 30						
Cash	\$	434	\$	486						
Accounts and notes receivable, net		1,249		1,207						
Inventories		1,057		1,089						
Other current assets		301		236						
Current assets held for sale		794		962						
Property, plant and equipment, net		3,030		3,039						
Other assets		1,176		1,194						
Noncurrent assets held for sale		1,447		1,475						
Total assets	\$	9,488	\$	9,688						
Accounts payable	\$	864	\$	864						
Other current liabilities		452		460						
Current portion of debt		51		41						
Current liabilities held for sale		488		518						
Long-term debt		4,148		4,061						
Other liabilities		1,448		1,466						
Noncurrent liabilities held for sale		388		400						
Total equity		1,649		1,878						
Total liabilities and equity	\$	9,488	\$	9,688						

2017 Summarized Statement of Cash Flows

			2017		
In millions	M	Three mo ar 31	Six months ended Jun 30		
Total cash at beginning of period ^(a)	\$	425	\$ 469	\$	425
Net cash provided by operating activities - continuing operations		70	207		277
Net cash provided by operating activities - discontinued operations (4) Net cash used in investing activities - continuing operations		23 (48)	94 (47)		117 (95)
Net cash provided by (used in) investing activities - discontinued operations ⁽⁴⁾ Net cash used in financing activities		24 (31)	(12) (193)		12 (224)
Effect of exchange rate changes on cash Change in restricted cash		5 1	 3 (1)		8
Total cash at end of period ^(a)	\$	469	\$ 520	\$	520
Supplemental cash flow information - continuing operations:					
Cash paid for interest	\$	(36)	\$ (56)	\$	(92)
Cash (paid) received for income taxes		(8)	65		57
Cash paid for capital expenditures		(51)	(50)		(101)
Depreciation and amortization		76	79		155
Changes in primary working capital:					
Accounts and notes receivable	\$	(55)	\$ (65)	\$	(120)
Inventories		(109)	(28)		(137)
Accounts payable		83	 (4)		79
Total cash used in primary working capital	\$	(81)	\$ (97)	\$	(178)



2017 Free Cash Flow

			2017		
In millions	M	Six months ended Jun 30			
Free cash flow ⁽³⁾ :			un 30		
Net cash provided by operating activities	\$	70	\$ 207	\$	277
Capital expenditures		(51)	(50)		(101)
All other investing activities, excluding acquisition					
and disposition activities ^(b)		3_	 (2)		1_
Total free cash flow ⁽³⁾	\$	22	\$ 155	\$	177
Adjusted EBITDA	\$	260	\$ 299	\$	559
Capital expenditures		(51)	(50)		(101)
Capital reimbursements		1	-		1
Interest		(36)	(56)		(92)
Income taxes		(8)	65		57
Primary working capital change		(81)	(97)		(178)
Restructuring		(9)	(10)		(19)
Pensions		(15)	(22)		(37)
Maintenance & other		(39)	 26		(13)
Total free cash flow ⁽³⁾	\$	22	\$ 155	\$	177
Free cash flow of discontinued operations (3)(4)	\$	60	\$ 96	\$	156

⁽a) Includes restricted cash.

⁽b) Represents "Acquisition of business, net of cash acquired", "Cash received from purchase price adjustment for business acquired", and "Proceeds from sale of business/assets".





2016 Results of Operations

						2016				
				Three mon					(ve months ended
In millions, except per share amounts	M	ar 31	J	un 30	_Se	pt 30	D	ec 31		Dec 31
Revenues	\$	1,815	\$	1,968	\$	1,831	\$	1,904	\$	7,518
Cost of goods sold		1,425		1,544		1,475		1,548		5,992
Gross profit		390		424		356		356		1,526
Operating expenses		223		224		217		140		804
Restructuring, impairment and plant closing costs (credits)		2		16		38		(9)		47
Operating income		165		184		101		225		675
Interest expense		(49)		(52)		(52)		(50)		(203)
Equity in income of investment in unconsolidated affiliates		1		2		1		1		5
Loss on early extinguishment of debt		-		(2)		(1)		-		(3)
Other income (expense)		1_		1		(3)		1		_
Income before income taxes		118		133		46		177		474
Income tax expense		(33)		(26)		(6)		(44)		(109)
Income from continuing operations		85		107		40		133		365
(Loss) income from discontinued operations, net of tax ⁽⁴⁾		(23)		(13)		24		4		(8)
Net income		62		94		64		137		357
Net income attributable to noncontrolling interests, net of tax		(6)		(7)		(9)		(9)		(31)
Net income attributable to Huntsman Corporation	\$	56	\$	87	\$	55	\$	128	\$	326
Adjusted EBITDA ⁽¹⁾	\$	259	\$	294	\$	234	\$	210	\$	997
Adjusted net income ⁽¹⁾	\$	95	\$	133	\$	74	\$	50	\$	352
Basic income per share	\$	0.24	\$	0.37	\$	0.23	\$	0.54	\$	1.38
Diluted income per share	\$	0.24	\$	0.36	\$	0.23	\$	0.53	\$	1.36
Adjusted diluted income per share ⁽¹⁾	\$	0.40	\$	0.56	\$	0.31	\$	0.21	\$	1.47
Common share information:										
Basic shares outstanding		236		236		236		236		236
Diluted shares		238		240		240		241		240
Diluted shares for adjusted diluted income per share		238		240		240		241		240
See appendix of presentation for footnote explanations										

Quarterly

									2016							
							ne Tax								Income	
			TDA				ense				ncome				Share	
In millions, except per share amounts			nths ende				nths ende				nths ende				ths ended	
in millions, except per snare amounts	<u>Mar 31</u>	Jun 30	<u>Sept 30</u>	Dec 31	<u>Mar 31</u>	Jun 30	Sept 30	Dec 31	<u>Mar 31</u>	Jun 30	<u>Sept 30</u>	Dec 31	<u>Mar 31</u>	Jun 30	Sept 30	<u>Dec 31</u>
Net income	\$ 62	\$ 94	\$ 64	\$ 137					\$ 62	\$ 94	\$ 64	\$ 137	\$ 0.26	\$ 0.39	\$ 0.27	\$ 0.57
Net income attributable to noncontrolling interests	(6)	(7)	(9)	(9)					(6)	(7)	(9)	(9)	(0.03)	(0.03)	(0.04)	(0.04)
Net income attributable to Huntsman Corporation	56	87	55	128					56	87	55	128	0.24	0.36	0.23	0.53
Interest expense from continuing operations	49	52	52	50												
Interest expense (income) from discontinued operations (4)	1	(2)	-	-												
Income tax expense from continuing operations	33	26	6	44	\$ (33)	\$ (26)	\$ (6)	\$ (44)								
Income tax (benefit) expense from discontinued operations ⁽⁴⁾	(7)	6	(7)	(16)												
Depreciation and amortization from continuing operations	77	78	83	80												
Depreciation and amortization from discontinued operations ⁽⁴⁾	23	31	30	30												
Acquisition and integration expenses	3	2	6	1	(1)	-	(2)	-	2	2	4	1	0.01	0.01	0.02	-
EBITDA / Loss (income) from discontinued operations, net of tax ⁽⁴⁾	6	(22)	(47)	(18)	N/A	N/A	N/A	N/A	23	13	(24)	(4)	0.10	0.05	(0.10)	(0.02)
Minority interest of discontinued operations	2	3	3	3	N/A	N/A	N/A	N/A	2	3	3	3	0.01	0.01	0.01	0.01
Gain on disposition of businesses/assets	-	-	-	(97)	-	-	-	13	-	-	-	(84)	-	-	-	(0.35)
Loss on early extinguishment of debt	-	2	1		-	(1)	-	-	-	1	1		-	-	-	-
Certain legal settlements and related expenses	-	-	-	1	- (0)	- (0)	- (5)	- (0)	-	-	-	1	-	-	-	-
Amortization of pension and postretirement actuarial losses Restructuring, impairment and plant closing and transition costs (credits)	14 2	14 17	14 38	13 (9)	(3) (1)	(2) (2)	(5) (12)	(2) 3	11	12 15	9 26	11 (6)	0.05	0.05 0.06	0.04 0.11	0.05 (0.02)
				<u> </u>			· <u> </u>									<u> </u>
Adjusted ⁽¹⁾	\$ 259	\$ 294	\$ 234	\$ 210	\$ (38)	\$ (31)	\$ (25)	\$ (30)	\$ 95	\$ 133	\$ 74	\$ 50	\$ 0.40	\$ 0.56	\$ 0.31	\$ 0.21
Pro forma adjustments ⁽²⁾	(7)	(8)	(7)	(6)												
Pro forma adjusted EBITDA ⁽¹⁾	\$ 252	\$ 286	\$ 227	\$ 204												
Adjusted income tax expense ⁽¹⁾									\$ 38	\$ 31	\$ 25	\$ 30				
Net income attributable to noncontrolling interests, net of tax									6	7	9	9				
Minority interest of discontinued operations									(2)	(3)	(3)	(3)				
Adjusted pre-tax income ⁽¹⁾									\$ 137	\$ 168	\$ 105	\$ 86				
Adjusted effective tax rate									28%	18%	24%	35%				
, ajacto cuccuro tan rato									2070	.070	,0	30 / 0				

Full Year

Twelve months ended Dec 31, 2016

				ט	ec oi,	2010			
In millions, except per share amounts		SITDA		me Tax	Not	Incomo	Diluted Income Per Share		
				pense	Net Income				
Net income	\$	357			\$	357	\$	1.49	
Net income attributable to noncontrolling interests		(31)				(31)		(0.13)	
Net income attributable to Huntsman Corporation		326				326		1.36	
Interest expense from continuing operations		203							
Interest income from discontinued operations (4)		(1)	•	(400)					
Income tax expense from continuing operations		109	\$	(109)					
Income tax benefit from discontinued operations ⁽⁴⁾		(24)							
Depreciation and amortization from continuing operations		318							
Depreciation and amortization from discontinued operations (4)		114							
Acquisition and integration expenses		12		(3)		9		0.04	
EBITDA / Income from discontinued operations, net of tax ⁽⁴⁾		(81)		N/A		8		0.03	
Minority interest of discontinued operations		11		N/A		11		0.05	
Gain on disposition of businesses/assets		(97)		13		(84)		(0.35)	
Loss on early extinguishment of debt		3		(1)		2		0.01	
Certain legal settlements and related expenses		1		- (10)		1		-	
Amortization of pension and postretirement actuarial losses Restructuring, impairment and plant closing and transition costs		55 48		(12) (12)		43 36		0.18 0.15	
Adjusted ⁽¹⁾	\$	997	\$	(124)	\$	352	\$	1.47	
Pro forma adjustments ⁽²⁾		(28)							
Pro forma adjusted EBITDA ⁽¹⁾	\$	969							
Adjusted income tax expense ⁽¹⁾					\$	124			
Net income attributable to noncontrolling interests, net of tax						31			
Minority interest of discontinued operations						(11)			
Adjusted pre-tax income ⁽¹⁾					\$	496			
Adjusted effective tax rate						25%			



2016 Selected Balance Sheet Items

\mathbf{a}	^	4	^
٠,	11	П	h
_	u		•

In millions	N	lar 31	J	un 30	S	Sept 30		ec 31
Cash	\$	192	\$	359	\$	432	\$	396
Accounts and notes receivable, net		1,270		1,277		1,210		1,183
Inventories		1,156		1,068		1,000		918
Other current assets		277		271		317		281
Current assets held for sale		935		816		824		777
Property, plant and equipment, net		3,149		3,124		3,051		3,034
Other assets		1,273		1,268		1,227		1,137
Noncurrent assets held for sale		1,588		1,544		1,646		1,463
Total assets	_ \$	9,840	\$	9,727	\$	9,707	\$	9,189
Accounts payable	\$	722	\$	717	\$	719	\$	790
Other current liabilities		451		420		486		471
Current portion of debt		93		86		78		50
Current liabilities held for sale		516		466		506		467
Long-term debt		4,707		4,637		4,453		4,122
Other liabilities		1,316		1,355		1,348		1,429
Noncurrent liabilities held for sale		350		338		346		393
Total equity		1,685		1,708		1,771		1,467
Total liabilities and equity	\$	9,840	\$	9,727	\$	9,707	\$	9,189

2016 Summarized Statement of Cash Flows

						2016				
In millions	M	ar 31		ree month un 30	 ded ept 30	D	ec 31	Tw	relve months ended Dec 31	
Total cash at beginning of period ^(a)	\$	269	\$	218	\$ 383	\$	450	\$	269	
Net cash provided by operating activities - continuing operations		126		277	333		238		974	
Net cash provided by (used in) operating activities - discontinued operations ⁽⁴⁾ Net cash (used in) provided by investing activities - continuing operations		(38) (68)		78 (63)	72 (82)		2 94		114 (119)	
Net cash used in investing activities - discontinued operations ⁽⁴⁾ Net cash used in financing activities		(33) (38)		(10) (115)	(14) (244)		(26) (326)		(83) (723)	
Effect of exchange rate changes on cash		2		(2)	1		(7)		(6)	
Change in restricted cash		(2)			 1			-	(1)	
Total cash at end of period ^(a)	\$	218	\$	383	\$ 450	\$	425	\$	425	
Supplemental cash flow information - continuing operations:										
Cash paid for interest	\$	(35)	\$	(68)	\$ (36)	\$	(66)	\$	(205)	
Cash paid for income taxes		(5)		(16)	(8)		(11)		(40)	
Cash paid for capital expenditures Depreciation and amortization		(67) 77		(65) 78	(82) 83		(104) 80		(318) 318	
Changes in primary working capital:										
Accounts and notes receivable	\$	(54)	\$	(17)	\$ 68	\$	(22)	\$	(25)	
Inventories		(7)		83	57		44 57		177	
Accounts payable		(22)		(2)	 13		57		46	
Total cash (used in) provided by primary working capital		(83)	<u>\$</u>	64	 138	<u>\$</u>	79	<u>\$</u>	198	



2016 Free Cash Flow

				2	016			
In millions	М	Twelve months ended Dec 31						
Free cash flow ⁽³⁾ :			 		ept 30			
Net cash provided by operating activities	\$	126	\$ 277	\$	333	\$ 238	\$	974
Capital expenditures		(67)	(65)		(82)	(104)		(318)
All other investing activities, excluding acquisition								
and disposition activities ^(b)		(1)	 2		_	 (1)		-
Total free cash flow ⁽³⁾	\$	58	\$ 214	\$	251	\$ 133	\$	656
Adjusted EBITDA	\$	259	\$ 294	\$	234	\$ 210	\$	997
Capital expenditures		(67)	(65)		(82)	(104)		(318)
Capital reimbursements		-	26		2	4		32
Interest		(35)	(68)		(36)	(66)		(205)
Income taxes		(5)	(16)		(8)	(11)		(40)
Primary working capital change		(83)	64		138	79		198
Restructuring		(4)	(19)		(19)	(4)		(46)
Pensions		(16)	(16)		(13)	(15)		(60)
Maintenance & other		9	 14		35	 40		98
Total free cash flow ⁽³⁾	\$	58	\$ 214	\$	251	\$ 133	\$	656
Free cash flow of discontinued operations (3)(4)	\$	(71)	\$ 68	\$	52	\$ (19)	\$	30

⁽a) Includes restricted cash.



⁽b) Represents "Acquisition of business, net of cash acquired", "Cash received from purchase price adjustment for business acquired", and "Proceeds from sale of business/assets".



Appendix

Adjusted EBITDA Reconciliation

(\$ in millions)	30	215	4	Q15	10	Q16	20	Q16	3Q	216	40	216	1(_ Q17	20	Q17	3Q17	_
Net Income	\$	63	\$	9	\$	62	\$	94	\$	64	\$	137	\$	92	\$	183	\$ 179	9
Net income attributable to noncontrolling interests	•	(8)	Ť	(5)	,	(6)	•	(7)	•	(9)	,	(9)	•	(16)	•	(16)	(3:	2)
Net income (loss) attributable to Huntsman Corporation	\$	55	\$	4	\$	56	\$	87	\$	55	\$	128	\$	76	\$	167	\$ 14	 7
Interest expense, net	Ψ	49	Ψ	47	Ψ	49	Ψ	52	Ψ	52	Ψ	50	Ψ	48	Ψ	47	Ψ 1 4	
Income tax expense (benefit)		37		(46)		33		26		6		44		19		24	3	
Depreciation and amortization		75		75		77		78		83		80		76		79	81	
Interest, income taxes, depreciation and amortization in discontinued operations		39		31		17		35		23		14		33		50	3	
Acquisition and integration expenses, purchase accounting adjustments		1		3		3		2		6		1		3		4	10)
EBITDA from discontinued operations		15		67		6		(22)		(47)		(18)		(26)		(95)	(9	7)
Minority interest of discontinued operations		2		2		2		3		3		3		3		3	1:	2
Loss (gain) on disposition of businesses/assets		-		1		-		-		-		(97)		-		(8)		-
Loss on early extinguishment of debt		8				-		2		1		-		-		1	3	
Certain legal settlements and related expenses		-		1		-		-		-		1		-		1		-
Plant incident remediation costs Expenses associated with merger		-		-		-		-		-		-		-		6	1; 1;	
Amortization of pension and postretirement actuarial losses		16		16		14		14		14		13		19		17	19	
Restructuring, impairment, plant closing and transition costs (credits)		9		39		2		17		38		(9)		9		3	•	
Adjusted EBITDA		306		240		259		294		234		210		260		299	34	<u> </u>
	-	(5)		(4)		(7)		(0)		(7)		(0)						
Sale of European differentiated surfactants business ⁽²⁾		(5) 301	\$	(4) 236	\$	(7) 252	\$	(8) 286	\$	<u>(7)</u> 227	\$	(6) 204	\$	260	\$	299	\$ 340	<u>-</u>
Proforma adjusted EBITDA	<u> </u>	301	Ф	230	Ф	252	Ф	200	Ф	221	Ф	204	Ф	200	<u> </u>	299	\$ 341	<u>) </u>
	00	110	0	011	00	010	00	040	20	14.4	00)1 <i>E</i>	0	016	201	71714		
		010		011		012		013		14		015		016		7 LTM		
Net Income	\$	32	\$	254	\$	373	\$	149	\$	345	\$	126	\$	357	\$	591		
Net income attributable to noncontrolling interests		(5)		(7)		(10)		(21)		(22)		(33)		(31)		(73)		
Net income attributable to Huntsman Corporation	\$	27	\$	247	\$	363	\$	128	\$	323	\$	93	\$	326	\$	518		
Interest expense, net		229		249		226		190		205		205		203		184		
Income tax (benefit) expense		(2)		39		104		109		59		60		109		122		
Depreciation and amortization		329		356		350		364		358		298		318		315		
Interest, income taxes, depreciation and amortization in discontinued operations		117		148		144		98		77		85		89		131		
Acquisition and integration expenses, purchase accounting adjustments		2		2		5 4		11		7		9		12		18		
(Gain) loss on initial consolidation of subsidiaries EBITDA from discontinued operations		(260)		(12) (498)		(350)		(78)		63		217		(81)		(236)		
Minority interest of discontinued operations		,		(490)		(330)		(70)		1		7		11		(236)		
(Gain) loss on disposition of businesses/assets		(1)		(34)		-		-		(2)		1		(97)		(105)		
Loss on early extinguishment of debt		183		7		80		51		28		31		3		36		
Extraordinary (gain) loss on the acquisition of a business		1		(4)		(2)		-		-		-		-		-		
Certain legal settlements and related expenses		8		46		2		4		_		1		1		2		
Plant incident remediation costs		-				-		-		_						13		
Purchase accounting inventory adjustments		_		_		_		1		2		_		_		-	(1) Pro	forma adjusted to
Expenses associated with merger		4		_		_				-		_		_		18		the Polyurethanes
Amortization of pension and postretirement actuarial losses		20		25		33		64		41		66		55		68		n house acquired from rood in October 2014.
Restructuring, impairment, plant closing and transition costs		21		157		105		160		102		87		48		4		forma adjusted for the
Adjusted EBITDA		678		728		1,064		1,102	$\overline{}$,264	1	,160		997		1,109		the European
																		tants business on nber 30, 2016.
Acquisition of PU Systems house from Rockwood ⁽¹⁾		4		5		5		6		7		-		-		- (0)	200011	
Sale of European differentiated surfactants business ⁽²⁾	_	(18)	_	(16)	Ф.	(13)	Ф.	(10)	Ф 1	(8)	· ·	(21)	Ф.	(28)	Ф.	(6)		
Proforma adjusted EBITDA	\$	664	\$	717	Ф	1,056	Ф	1,098	\$ 1,	,∠ხპ	\$ 1	,139	\$	969	Ф	1,103		



Revenue, Adjusted EBITDA & Margin by Segment

(\$ in millions) Revenue		orma(2)(3) BQ15		Forma(2)(3) 4Q15		Forma(2)(3) 1Q16		forma(2)(3) 2Q16	Pro F	oma(2)(3) 3Q16		Forma(2)(3) 4Q16		orma(2) Q17		Forma(2) 2Q17	30)17	
Polyurethanes Performance Products Advanced Materials	\$	1,017 555 275	\$	909 491 256	\$	836 475 266	\$	976 507 261	\$	891 451 247	\$	964 452 246	\$	953 533 259	\$	1,022 561 260	\$	1,197 501 263	
Textile Effects Corporate, LIFO and other		196 (11)		186 (24)		185 (8)		198 (33)		184 -		184 (5)		188 (1)		205 6		193 15	
Total	\$	2,032	\$	1,818	\$	1,754	\$	1,909	\$	1,773	\$	1,841	\$	1,932	\$	2,054	\$	2,169	
Revenue		orma(2) 2010		Forma(2) 2011		Forma(2)(3) 2012		forma(2)(3) 2013	Pro F	oma(2)(3) 2014		Forma(2)(3) 2015		orma(2)(3) 2016		Forma(2)(3) 17 LTM)		
Polyurethanes	\$	3,625	\$	4,456	\$	4,915	\$	4,991	\$	5,053	\$	3,811	\$	3,667	\$	4,136			
Performance Products Advanced Materials		2,160 1,244		2,679 1,372		2,574 1,325		2,566 1,267		2,695 1,248		2,251 1,103		1,885 1,020		2,047 1,028			
Textile Effects		787		737		752		811		896		804		751		770			
Corporate, LIFO and other		(258)	_	(265)	_	(285)		(251)	_	(219)	_	(80)		(46)	_	15			
Total	\$	7,558	\$	8,979	\$	9,281	\$	9,384	\$	9,673	\$	7,889	\$	7,277	\$	7,996			
(\$ in millions)	Pro Fo	orma(2)(3)	Pro I	Forma(2)(3)	Pro I	Forma(2)(3)	Pro F	orma(2)(3)	Pro F	oma(2)(3)	Pro I	Forma(2)(3)	Pro F	orma(2)	Pro	Forma(2)			
Adjusted EBITDA ⁽¹⁾	3	3Q15		1Q15		1Q16	:	2Q16		3Q16		4Q16	1	Q17	2	2Q17	30	17	
Polyurethanes	\$	168	\$	141	\$	131	\$	171	\$	137	\$	130	\$	144	\$	167	\$	245	
Performance Products Advanced Materials		117 56		72 48		85 60		78 58		63 55		62 50		84 54		102 56		63 56	
Textile Effects		10		13		18		24		17		14		21		24		19	
Corporate, LIFO and other		(50)		(38)		(42)		(45)		(45)		(52)		(43)		(50)		(43)	
Total	\$	301	\$	236	\$	252	\$	286	\$	227	\$	204	\$	260	\$	299	\$	340	
	Pro Fo	orma(2)	Pro f	Forma(2)	Pro I	Forma(2)(3)	Pro F	orma(2)(3)	Pro F	Forma(2)(3)	Pro I	Forma(2)(3)	Pro F	orma(2)(3)	Pro	Forma(2)(3)			
Adjusted EBITDA ⁽¹⁾		orma(2) 2010		Forma(2) 2011		Forma(2)(3)		orma(2)(3)	Pro F	oma(2)(3)		Forma(2)(3)		orma(2)(3)		Forma(2)(3))		
Adjusted EBITDA ⁽¹⁾ Polyurethanes				Forma(2) 2011 495		Forma(2)(3) 2012 793			Pro F	Forma(2)(3) 2014 729		Forma(2)(3) 2015 573		orma(2)(3) 2016 569		Forma(2)(3) 17 LTM 686)		
Polyurethanes Performance Products - as re	\$	2010		2011		2012		2013		2014		2015	2	2016	3Q	17 LTM	1		
Polyurethanes Performance Products - as re European Differentiated Surfa	\$	337 371 (18)		2011 495 381 (16)		2012 793 369 (13)		746 403 (10)		2014 729 473 (8)		2015 573 460 (21)	2	569 316 (28)	3Q	686 317 (6))		
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products	\$	337 371 (18) 353		495 381 (16) 365		793 369 (13) 356		746 403 (10) 393		729 473 (8) 465		2015 573 460 (21) 439	2	569 316 (28) 288	3Q	686 317 (6) 311	1		
Polyurethanes Performance Products - as re European Differentiated Surfa	\$	337 371 (18)		2011 495 381 (16)		2012 793 369 (13)		746 403 (10)		2014 729 473 (8)		2015 573 460 (21)	2	569 316 (28)	3Q	686 317 (6)			
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other	\$	337 371 (18) 353 144 16 (186)	\$	495 381 (16) 365 114 (64) (193)	\$	793 369 (13) 356 98 (20) (171)	\$	746 403 (10) 393 131 16 (188)	\$	729 473 (8) 465 199 58 (188)	\$	573 460 (21) 439 220 63 (156)	\$	2016 569 316 (28) 288 223 73 (184)	3Q \$	686 317 (6) 311 216 78 (188)			
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects	\$	337 371 (18) 353 144 16		495 381 (16) 365 114 (64)		793 369 (13) 356 98 (20)		746 403 (10) 393 131 16		729 473 (8) 465 199 58		573 460 (21) 439 220 63	2	569 316 (28) 288 223 73	3Q	686 317 (6) 311 216 78			
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other	\$	337 371 (18) 353 144 16 (186) 664	\$	2011 495 381 (16) 365 114 (64) (193) 717	\$	793 369 (13) 356 98 (20) (171) 1,056	\$	746 403 (10) 393 131 16 (188) 1,098	\$	729 473 (8) 465 199 58 (188) 1,263	\$	2015 573 460 (21) 439 220 63 (156) 1,139	\$	2016 569 316 (28) 288 223 73 (184) 969	3Q \$	17 LTM 686 317 (6) 311 216 78 (188) 1,103			
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other	\$ \$ Pro Fo	337 371 (18) 353 144 16 (186)	\$ \$	495 381 (16) 365 114 (64) (193)	\$ \$	793 369 (13) 356 98 (20) (171)	\$ Pro F	746 403 (10) 393 131 16 (188)	\$	729 473 (8) 465 199 58 (188)	\$ \$	573 460 (21) 439 220 63 (156)	\$ \$ Pro Fo	2016 569 316 (28) 288 223 73 (184)	\$ Pro	686 317 (6) 311 216 78 (188)		217	
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes	\$ \$ Pro Fo	2010 337 371 (18) 353 144 16 (186) 664 20ma(2)(3) 3015 17%	\$ \$	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 16%	\$ \$	793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1Q16 16%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 2016 18%	\$	2014 729 473 (8) 465 199 58 (188) 1,263 Forma(2)(3) 3Q16 15%	\$ \$	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13%	\$ \$ Pro Fo	2016 569 316 (28) 288 223 73 (184) 969 2017 15%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16%		20%	
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products	\$ \$ Pro Fo	2010 337 371 (18) 353 144 16 (186) 664 0ma(2)(3) 3015 17% 21%	\$ \$	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 16% 15%	\$ \$	793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1Q16 16% 18%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 70ma(2)(3) 2016 18% 15%	\$	2014 729 473 (8) 465 199 58 (188) 1,263 Forma(2)(3) 3Q16 15% 14%	\$ \$	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 14%	\$ \$ Pro Fo	2016 569 316 (28) 288 223 73 (184) 969 Orma(2) Q17 15% 16%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16% 18%		20% 13%	
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes	\$ \$ Pro Fo	2010 337 371 (18) 353 144 16 (186) 664 20ma(2)(3) 3015 17%	\$ \$	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 16%	\$ \$	793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1Q16 16%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 2016 18%	\$	2014 729 473 (8) 465 199 58 (188) 1,263 Forma(2)(3) 3Q16 15%	\$ \$	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13%	\$ \$ Pro Fo	2016 569 316 (28) 288 223 73 (184) 969 2017 15%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16%		20%	
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials	\$ \$ Pro Fo	2010 337 371 (18) 353 144 16 (186) 664 0ma(2)(3) 3Q15 17% 21% 20%	\$ \$	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 15% 19%	\$ \$	2012 793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1016 16% 18% 23%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 2016 18% 15% 22%	\$	2014 729 473 (8) 465 199 58 (188) 1,263 Forma(2)(3) 3O16 15% 14% 22%	\$ \$	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 14% 20%	\$ \$ Pro Fo	2016 569 316 (28) 288 223 73 (184) 969 2017 15% 16% 21%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16% 18% 22%		20% 13% 21%	
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials Textile Effects	\$ Pro Fo	2010 337 371 (18) 353 144 16 (186) 664 207 21% 20% 5% 15%	\$ Pro F	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 15% 19% 7% 13%	\$ Pro l	2012 793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1Q16 16% 23% 10% 14%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 6000 15% 12% 15%	\$ Pro F	2014 729 473 (8) 465 199 58 (188) 1,263 Forma(2)(3) 3Q16 15% 14% 22% 9% 13%	\$ Pro I	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 20% 8% 11%	\$ Pro Fr	2016 569 316 (28) 288 223 73 (184) 969 2017 15% 16% 21% 11% 13%	\$ Pro 2	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16% 18% 22% 12% 15%	3C	20% 13% 21% 10% 16%	ciliation see
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials Textile Effects	\$ Pro Fc	2010 337 371 (18) 353 144 16 (186) 664 20ma(2)(3) 3Q15 17% 20% 5%	\$ Pro B	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 16% 15% 19% 7%	\$ Pro I	2012 793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1Q16 16% 23% 10%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 forma(2)(3) 2Q16 18% 22% 12%	\$ Pro F	2014 729 473 (8) 465 199 58 (188) 1,263 3Q16 15% 14% 22% 9%	\$ Pro I	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 20% 8%	\$ Pro Fi	2016 569 316 (28) 288 223 73 (184) 969 217 15% 21% 11%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16% 18% 22% 12%	(1) For previor (2) Pri	20% 13% 21% 10% 16% r a recondus page.	djusted to
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials Textile Effects Total Adj. EBITDA Margin Polyurethanes	\$ Pro Fc	2010 337 371 (18) 353 144 16 (186) 664 207 21% 20% 5% 15% 2010 9%	\$ Pro B	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 16% 15% 19% 7% 13% Forma(2)	\$ Pro I	2012 793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1016 16% 18% 23% 10% 14% Forma(2)(3) 2012 16%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 forma(2)(3) 2Q16 18% 12% 12% 15%	\$ Pro F	2014 729 473 (8) 465 199 58 (188) 1,263 3Q16 15% 14% 22% 9% 13%oma(2)(3) 2014 14%	\$ Pro I	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 20% 8% 11% Forma(2)(3)	\$ Pro Fi	2016 569 316 (28) 288 223 73 (184) 969 2017 15% 16% 21% 11% 13%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16% 18% 22% 12% 15%	(1) For previous (2) Previous (20% 13% 21% 10% 16% r a recondus page. of forma ad the Pig	djusted to ments &
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials Textile Effects Total Adj. EBITDA Margin Polyurethanes Performance Products Performance Products Performance Products Polyurethanes Performance Products	\$ Pro Fc	2010 337 371 (18) 353 144 16 (186) 664 0ma(2)(3) 3015 17% 20% 5% 15% 0ma(2) 2010 9% 16%	\$ Pro B	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 15% 19% 7% 13% Forma(2) 2011 11% 14%	\$ Pro I	2012 793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1016 18% 23% 10% 14% Forma(2)(3) 2012 16% 14%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 50ma(2)(3) 2016 18% 15% 22% 15% 50ma(2)(3) 2013	\$ Pro F	2014 729 473 (8) 465 199 58 (188) 1,263	\$ Pro I	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 8% 11% Forma(2)(3) 2015 15% 20%	\$ Pro Fi	2016 569 316 (28) 288 223 73 (184) 969 2017 15% 16% 21% 11% 13% 2016 16% 15%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 22017 16% 18% 22% 12% 15% Forma(2)(3) 17 LTM 17% 15%	(1) For previous (2) Pre-exclusive Additive which	20% 13% 21% 10% 16% r a recondus page. o forma aige the Piges busin is held fo	djusted to ments & ess (Venator), r sale as of the
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials Textile Effects Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials Textile Effects Total	\$ Pro Fc	2010 337 371 (18) 353 144 16 (186) 664 50ma(2)(3) 3015 17% 20% 5% 15% 0ma(2) 2010 9% 16% 12%	\$ Pro B	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 15% 19% 7% 13% Forma(2) 2011 11% 14% 8%	\$ Pro I	2012 793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1016 16% 23% 10% 14% Forma(2)(3) 2012 16% 14% 7%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 2016 18% 15% 22% 15% 15% 5oma(2)(3) 2013	\$ Pro F	2014 729 473 (8) 465 199 58 (188) 1,263 15% 14% 22% 9% 13% 5omma(2)(3) 2014 14% 17% 16%	\$ Pro I	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 14% 20% 8% 111% Forma(2)(3) 2015 15% 20% 20%	\$ Pro Fi	2016 569 316 (28) 288 223 73 (184) 969 2017 15% 21% 11% 13% 2016 16% 2016	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 2Q17 16% 18% 22% 12% 15% Forma(2)(3) 17 LTM	(1) For previor (2) Pri exclusive which IPO in the province (3) Pri exclusive (4) Pr	20% 13% 21% 10% 16% 16% r a recondus page. of forma ale the Piges busin is held for August 2 of forma ale	djusted to ments & ess (Venator), r sale as of the 2017. djusted for the
Polyurethanes Performance Products - as re European Differentiated Surfa Performance Products Advanced Materials Textile Effects Corporate, LIFO and other Total Adj. EBITDA Margin Polyurethanes Performance Products Advanced Materials Textile Effects Total Adj. EBITDA Margin Polyurethanes Performance Products Performance Products Performance Products Polyurethanes Performance Products	\$ Pro Fc	2010 337 371 (18) 353 144 16 (186) 664 0ma(2)(3) 3015 17% 20% 5% 15% 0ma(2) 2010 9% 16%	\$ Pro II	2011 495 381 (16) 365 114 (64) (193) 717 Forma(2)(3) 4Q15 15% 19% 7% 13% Forma(2) 2011 11% 14%	\$ Pro I	2012 793 369 (13) 356 98 (20) (171) 1,056 Forma(2)(3) 1016 18% 23% 10% 14% Forma(2)(3) 2012 16% 14%	\$ Pro F	2013 746 403 (10) 393 131 16 (188) 1,098 50ma(2)(3) 2016 18% 15% 22% 15% 50ma(2)(3) 2013	\$ Pro F	2014 729 473 (8) 465 199 58 (188) 1,263	\$ Pro I	2015 573 460 (21) 439 220 63 (156) 1,139 Forma(2)(3) 4Q16 13% 8% 11% Forma(2)(3) 2015 15% 20%	\$ Pro Fi	2016 569 316 (28) 288 223 73 (184) 969 2017 15% 16% 21% 11% 13% 2016 16% 15%	\$ Pro	17 LTM 686 317 (6) 311 216 78 (188) 1,103 Forma(2) 22017 16% 18% 22% 12% 15% Forma(2)(3) 17 LTM 17% 15%	(1) Fo previous (2) Prrevious Which IPO ir (3) Prrsale o	20% 13% 21% 10% 16% r a recondus page. to forma a le the Pigues busin is held fo August 2	djusted to iments & ess (Venator), or sale as of the 2017. djusted for the ippean siness on



Explanatory Notes

We use adjusted EBITDA to measure the operating performance of our business and for planning and evaluating the performance of our business segments. We provide adjusted net income because we feel it provides meaningful insight for the investment community into the performance of our business. We believe that net income (loss) is the performance measure calculated and presented in accordance with generally accepted accounting principles in the U.S. ("GAAP") that is most directly comparable to adjusted EBITDA and adjusted net income. Additional information with respect to our use of each of these financial measures follows:

Adjusted EBITDA, adjusted net income (loss) and adjusted diluted income (loss) per share, as used herein, are not necessarily comparable to other similarly titled measures of other companies.

Adjusted EBITDA is computed by eliminating the following from net income (loss): (a) net income attributable to noncontrolling interests, net of tax; (b) interest; (c) income taxes; (d) depreciation and amortization; (e) acquisition and integration expenses; (f) EBITDA from discontinued operations; (g) minority interest from discontinued operations; (h) loss (gain) on disposition of businesses/assets; (i) loss on early extinguishment of debt; (j) expenses associated with merger, net of tax; (k) certain legal settlements and related expenses; (l) amortization of pension and postretirement actuarial losses (gains) and; (m) restructuring, impairment and plant closing and transition costs (credits). The reconciliation of adjusted EBITDA to net income (loss) is set forth in these tables.

Adjusted net income (loss) and adjusted diluted income (loss) per share are computed by eliminating the after tax impact of the following items from net income (loss): (a) net income attributable to noncontrolling interests; (b) acquisition and integration expenses; (c) loss (income) from discontinued operations; (d) minority interest from discontinued operations; (e) loss (gain) on disposition of businesses/assets; (f) loss on early extinguishment of debt; (g) expenses associated with merger, net of tax; (h) certain legal settlements and related expenses; (i) amortization of pension and postretirement actuarial losses (gains); and (j) restructuring, impairment and plant closing and transition costs (credits). The income tax impacts, if any, of each adjusting item represent a ratable allocation of the total difference between the unadjusted tax expense and the total adjusted tax expense, computed without consideration of any adjusting items using a with and without approach. We do not adjust for changes in tax valuation allowances because we do not believe it provides more meaningful information than is provided under GAAP. The reconciliation of adjusted net income (loss) to net income (loss) is set forth in these tables.

- 2) Pro forma adjusted to exclude the sale of our European differentiated surfactants business to Innospec Inc. on December 30, 2016 as if it had occurred at the beginning of the relevant period.
- Management internally uses a free cash flow measure: (a) to evaluate the Company's liquidity, (b) to evaluate strategic investments, (c) to plan stock buyback and dividend levels and (d) to evaluate the Company's ability to incur and service debt. Free cash flow is not a defined term under U.S. GAAP, and it should not be inferred that the entire free cash flow amount is available for discretionary expenditures. The Company defines free cash flow as cash flow provided by operating activities less cash flow used in investing activities, excluding acquisition/disposition activities and non-recurring separation costs. Free cash flow is typically derived directly from the Company's condensed consolidated statement of cash flows; however, it may be adjusted for items that affect comparability between periods.
- 4) During the third quarter of 2017 we separated our Pigments and Additives division through an Initial Public Offering of Venator Materials PLC; Additionally, during the first quarter 2010 we closed our Australian styrenics operations. Results from these associated businesses are treated as discontinued operations.

