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Jefferies 2015 Industrials Conference

Sergey Vasnetsov SVP, Strategic Planning and Transactions August 11, 2015



Cautionary Statement

The statements in this presentation relating to matters that are not historical facts are forward-looking statements. These forward-looking statements are based upon assumptions of management which are believed to be reasonable at the time made and are subject to significant risks and uncertainties. Actual results could differ materially based on factors including, but not limited to, the business cyclicality of the chemical, polymers and refining industries; the availability, cost and price volatility of raw materials and utilities, particularly the cost of oil, natural gas, and associated natural gas liquids; competitive product and pricing pressures; labor conditions; our ability to attract and retain key personnel; operating interruptions (including leaks, explosions, fires, weather-related incidents, mechanical failure, unscheduled downtime, supplier disruptions, labor shortages, strikes, work stoppages or other labor difficulties, transportation interruptions, spills and releases and other environmental risks); the supply/demand balances for our and our joint ventures' products, and the related effects of industry production capacities and operating rates; our ability to achieve expected cost savings and other synergies; our ability to successfully execute projects and growth strategies; legal and environmental proceedings; tax rulings, consequences or proceedings; technological developments, and our ability to develop new products and process technologies; potential governmental regulatory actions; political unrest and terrorist acts; risks and uncertainties posed by international operations, including foreign currency fluctuations; and our ability to comply with debt covenants and service our debt. Additional factors that could cause results to differ materially from those described in the forward-looking statements can be found in the "Risk Factors" section of our Form 10-K for the year ended December 31, 2014, which can be found at www.lyondellbasell.com on the Investor Relations page and on the Securities and Exchange Commission's website at www.sec.gov.

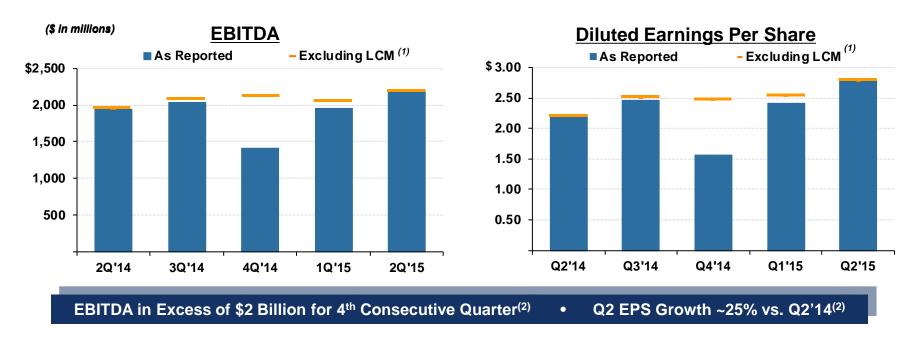
The illustrative results or returns of growth projects are not in any way intended to be, nor should they be taken as, indicators or guarantees of performance. The assumptions on which they are based are not projections and do not necessarily represent the Company's expectations and future performance. You should not rely on illustrated results or returns or these assumptions as being indicative of our future results or returns.

This presentation contains time sensitive information that is accurate only as of the date hereof. Information contained in this presentation is unaudited and is subject to change. We undertake no obligation to update the information presented herein except as required by law.

Reconciliations and other information concerning our non-GAAP measures can be found in the Appendix to this presentation or on our website at www.lyb.com/investorrelations.



Q2'15 Highlights



- Record quarterly results during the second quarter
- 11th consecutive quarter of year over year EPS growth

⁽¹⁾ LCM stands for "lower of cost or market." An explanation of LCM and why we have excluded it from our financial information in this presentation can be found on the third page of this presentation under "Information Related to Financial Measures."

⁽²⁾ Calculated using EBITDA results excluding the impact of the LCM adjustments

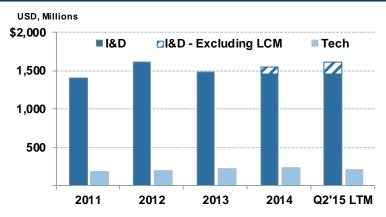


A High Performing Portfolio: EBITDA Across Time

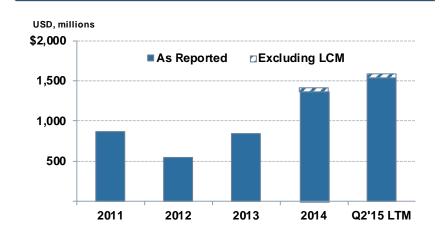
Olefins & Polyolefins - Americas



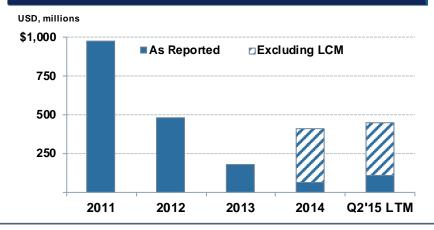
Intermediates and Derivatives and Technology



Olefins & Polyolefins - EAI

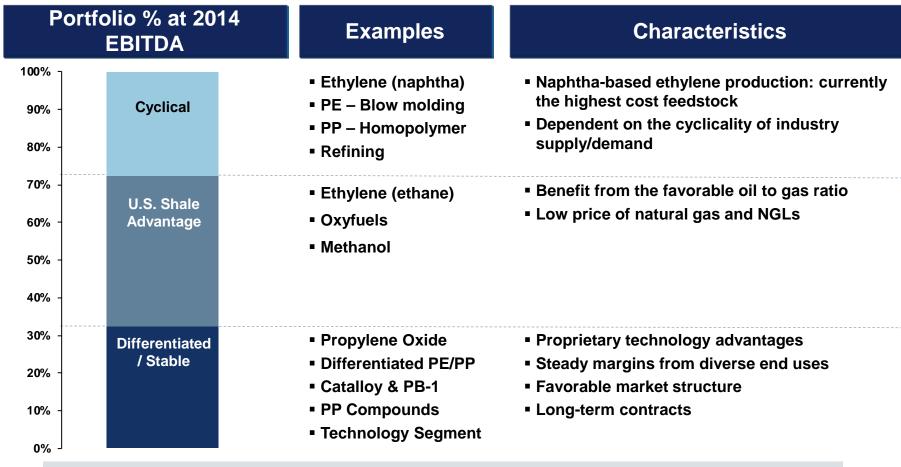


Refining





Portfolio Stability



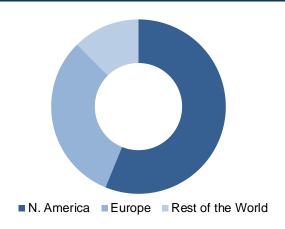
- Differentiated businesses provide a solid foundation
- Cyclical products represent a minority of 2014 earnings

Source: Internal LYB Estimates

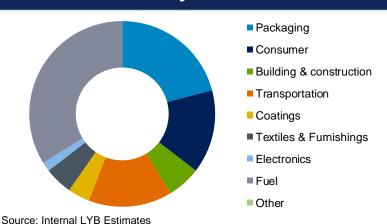


Geography and End Uses Provide Balance

Geographic Diversity: 2014 Revenue(1)

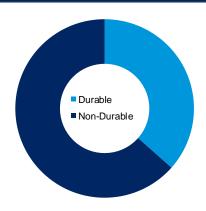


Revenue by End Use^(1/2)



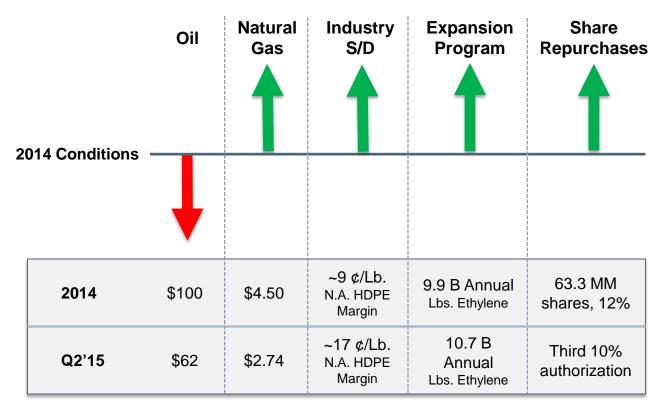
Based on 2014 annual revenues. Excludes Technology segment revenues.

Durable / Non-Durable Revenue(1/2)



- Earnings weighted toward North America where LYB has advantaged positions
- Revenue weighted toward nondurable goods providing less volatility

Strong 2015 EPS Potential Despite Oil Decline



EPS Stabilizers

- Lower natural gas price
- Tight industry supply/demand fundamentals
- Growth program and turnaround schedule add an additional 1.3 B pounds of ethylene production capacity
- Share repurchase program
 - Completed 2nd 10% authorization and approval granted for a third 10% repurchase authorization

EPS is supported by our expansion program, low U.S. natural gas prices, and our commitment to share repurchases

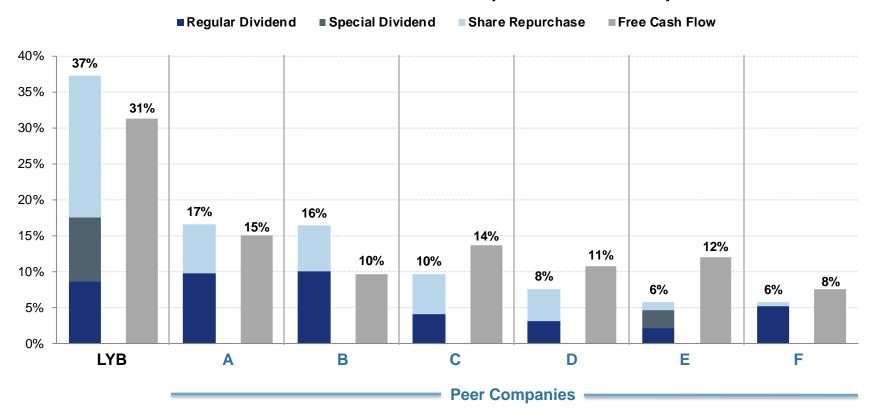
Source: LYB, IHS

Notes: Share repurchase percentage is calculated off of the outstanding shares as of Dec. 31, 2013.





2011 - Q1'15 Shareholder Returns of Capital as % of Enterprise Value



Exceeding peers in absolute cash returned and as a percentage of enterprise value

Source: SEC filings, Bloomberg, CapitalIQ Enterprise Value as per CapitalIQ as of March 31, 2015. Peer Companies include Celanese, Dow, DuPont, Eastman, Huntsman, Westlake and are listed here alphabetically and not in order of the chart above





Each Business is Operated to Maximize Results

<u>Segment</u>	LYB Market Position	Priority	Q2'15 LTM EBITDA (ex. LCM)
Olefins & Polyolefins – Americas	NGL advantageIncreasing capacity	Invest	\$4.5 B
Olefins & Polyolefins – EAI	 Commodities – naphtha based, with cyclical upside Advantaged feedstock Differentiated polymers 	Optimize	\$1.6 B
Intermediates & Derivatives (I&D)	Proprietary technologiesNatural gas advantage	Invest	\$1.6 B
Refining	Large, heavy crude refineryProcessing Canadian crude	Optimize	\$0.5 B
Technology	Strong technology positionMaintain leadership	Focus	\$0.2 B ⁽¹⁾

⁽¹⁾ The Technology Segment was not impacted by the LCM adjustment.

O&P - Americas and EAI Our Strategy is Generating Differential Results

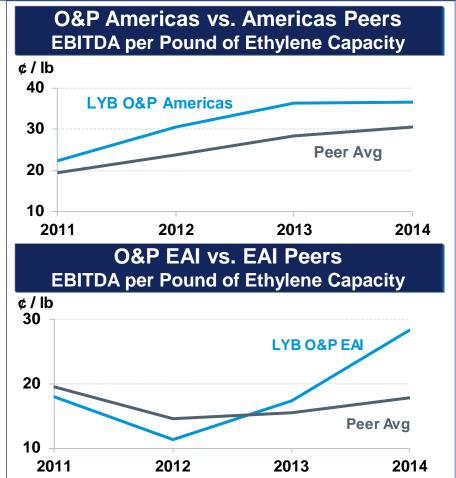


Safe & Reliable Operations

Cost Focused

Feedstock Advantaged and Flexibility

Differentiated Products



Source: Company Filings, Capital IQ, IHS, and LYB Estimates.

Capacities: Ethylene capacities include pro-rata JV capacities and are based on company reports and IHS.

Americas EBITDA: CP Chemical O&P is income before taxes + depreciation - equity income. Westlake Olefins is operating income + depreciation. INEOS O&P North America is as reported

EBITDA before exceptional/extraordinary items. LYB O&P Americas and Dow Performance Plastics EBITDA are as reported not adjusted for extraordinary items.

EAI EBITDA: INEOS O&P Europe is as reported EBITDA before exceptional/extraordinary items. Borealis is operating income plus depreciation plus equity income. LYB O&P EAI EBITDA is

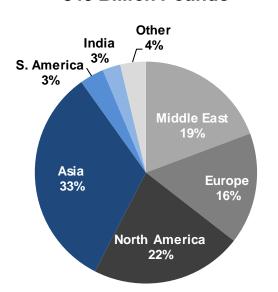
as reported.



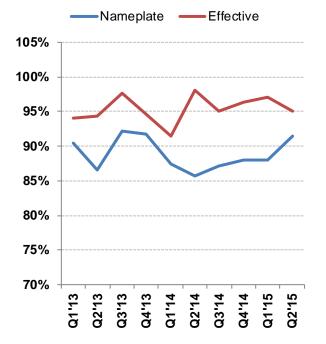
Regional Ethylene Operating Rates



~345 Billion Pounds



U.S.



Western Europe



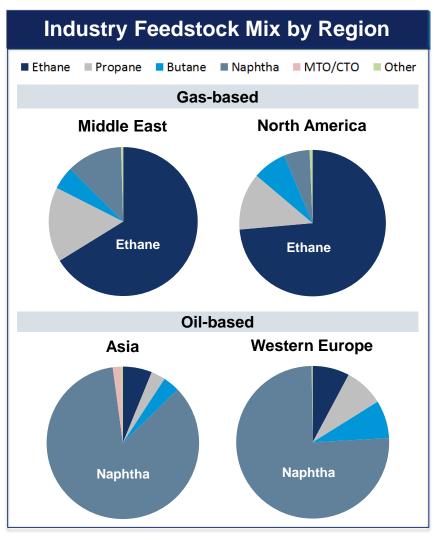
- Industry is running near full in the U.S. and the Middle East
- Europe has had slack capacity until 2015, but is only ~15% of the global market
- LYB regional operating rates have exceeded the industry

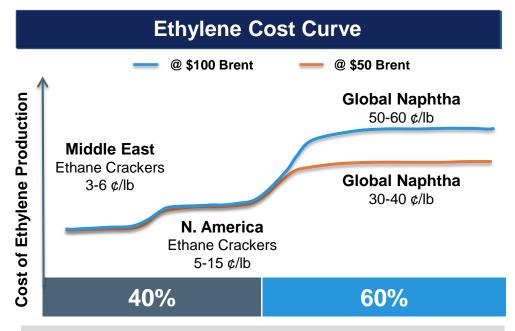
Source: IHS

Note: Effective rates = production / (nameplate capacity - planned maintenance - mechanical outages)

O&P - Americas and EAI Naphtha Remains the Global Ethylene Price Setter







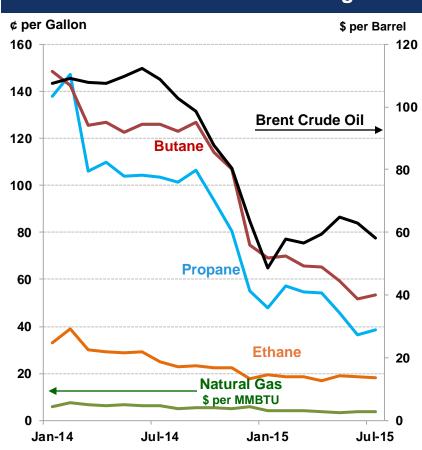
- N.A. position remains highly advantaged with ~90% of ethylene coming from NGLs
- O&P EAI produced ~60% of ethylene from advantaged feedstocks during Q2'15

Source: LYB, IHS

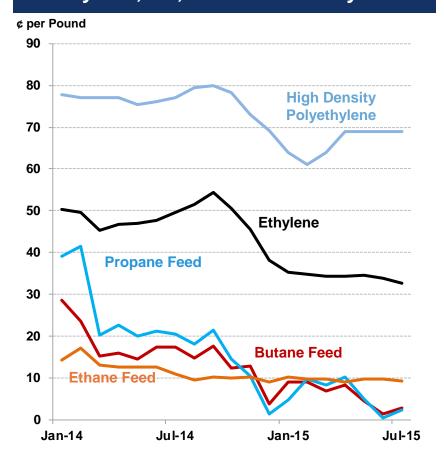
O&P – Americas NGL Costs Have Declined With Crude Oil



Oil to Gas Ratio and Pricing



Ethylene, PE, and Cost of Ethylene

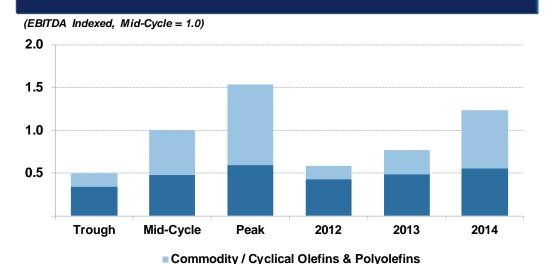


Source: IHS

O&P – EAI EBITDA Profile



Indexed O&P EAI EBITDA Scenarios⁽¹⁾



Commodity Products	Stable/Specialty Businesses
EU Olefins	Catalloy
EU Polyethylene	Polybutene-1
EU Polypropylene	PP compounds
	Joint Ventures

- Differentiated / Stable Businesses
- Differentiated businesses and JVs provide stable base of earnings
- Feedstock flexibility and higher than industry operating rates have been primary source of outperformance for EU olefins and polyolefins

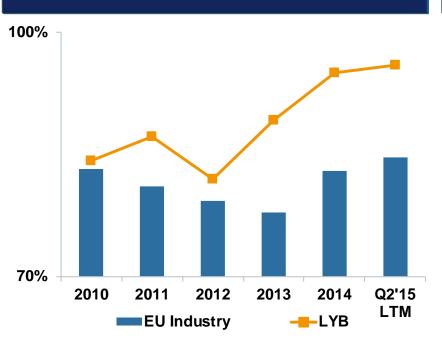
Source: LYB

(1) O&P EAI trough, mid-cycle and peak EBITDA values are based on LYB estimates. 2014 EBITDA excludes the impact of the LCM adjustment.

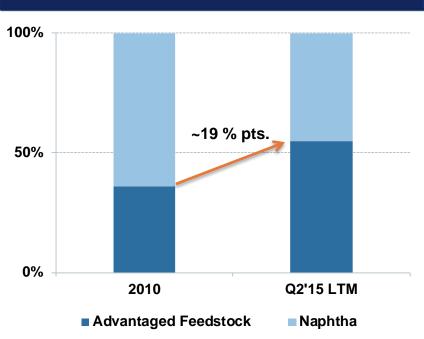
O&P – EAI European LYB Olefins Differential Performance







LYB Advantaged Raw Materials



- LYB continues capturing value through both:
 - Above industry operating rates ~\$100 MM at Q2'15 conditions
 - Processing cost advantaged raw materials ~\$160 MM at Q2'15 conditions

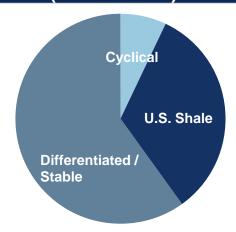
Source: LYB, IHS

I&D

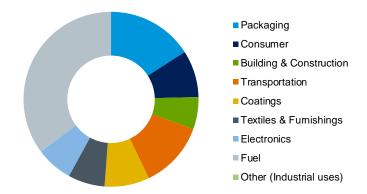
Segment Diversity: a Platform for Stable Profitability



Differentiated Proprietary Technology (2014 EBITDA)



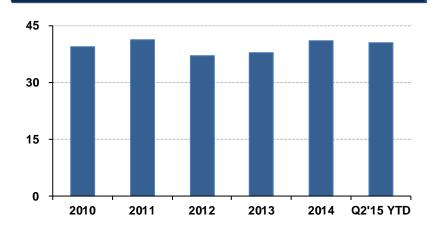
Diverse End Uses⁽¹⁾



Source: LYB, Chemical Data (PG Raw Material Margin)

(1) Internal LYB estimates derived from third party sales and estimated end uses, 2014.

Propylene Glycol Raw Material Margin



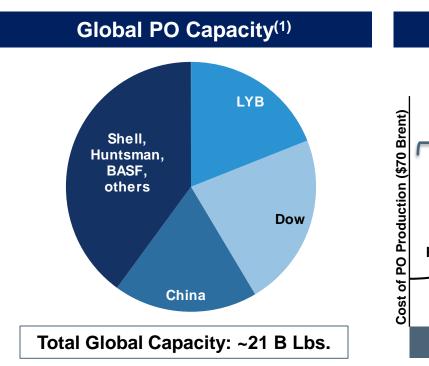
Contracting Strategy

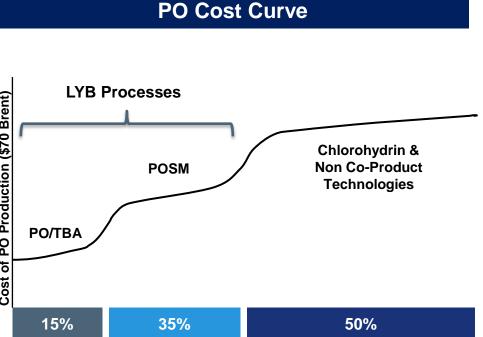


I&D

LYB Practices the Leading Technologies







- LYB's PO production capacity is approximately a 50/50 split between PO/TBA and POSM technologies, the two lowest cost technologies
- LYB capacity represents about ~45% of the low-cost PO/TBA and POSM capacity

Sources: LYB, IHS

(1) LYB includes 100% of owned and operated capacity, including joint ventures.

Refining Response to Market Trends



Market Trends

- Canadian heavy crude and U.S. crude oil growth provide an advantage for U.S. refiners
- Growing supplies of heavy Latin American crudes must compete for declining share of U.S. imports
- Global refined product demand creates export opportunities

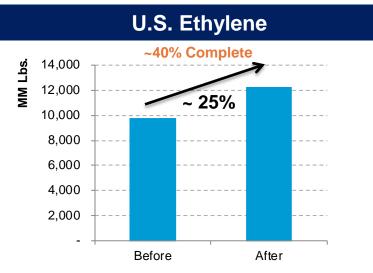
Response

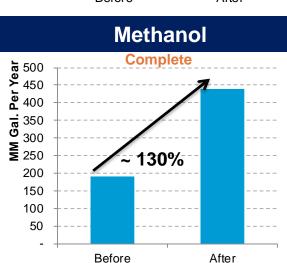
- Focusing on operations
 - Expanding operating windows (more sulfur capacity, increased light ends recovery)
 - Capital and cost discipline, improving reliability
- Diversifying our crude supply
 - Secured lowest cost pipeline space to deliver tar sands oils to Houston
 - Replaced Venezuelan supply with other Latin American barrels
- Expanding product export capability

Business focused on maximizing free cash flow

We are expanding our advantaged positions significantly

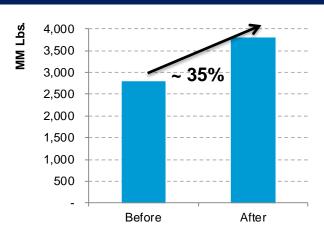




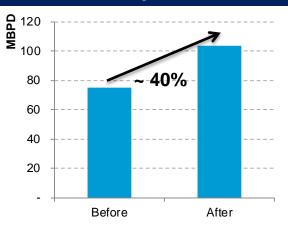


Note: "Before" refers to the capacity prior to the initiation of our growth program





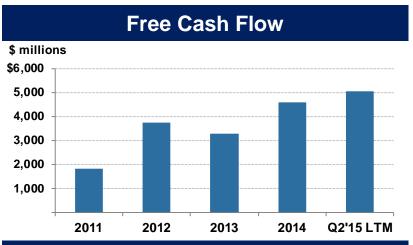
MTBE Equivalent



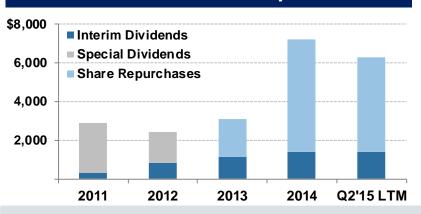
Outperformance coupled with a shareholder friendly approach







Dividends and Share Repurchases



Multiples

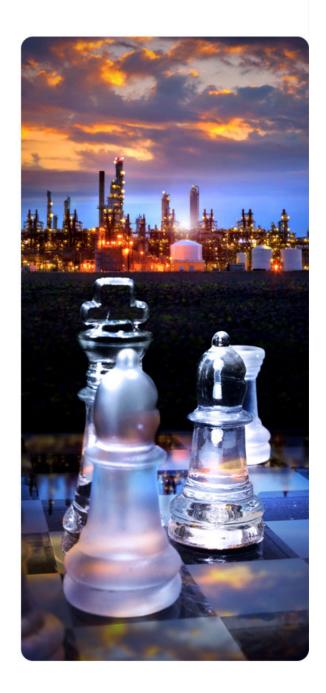
Multiples (trailing 12 months as of 6/30/15)	LYB	S&P Chemical Index	S&P 500
EV/EBITDA ⁽¹⁾	6.3x	11.6x	10.4x
PE ⁽²⁾	9.2x	17.8x	21.6x

Industry leading performance and statistics at a lagging multiple

Source: Capital IQ, Bloomberg, LYB

⁽¹⁾ EV/EBITDA = Enterprise Value / Earnings Before Interest Taxes and D&A as calculated by Capital IQ and Bloomberg, except for LYB, which is based on reported EBITDA for the trailing 12 months.

(2) PE = Price to Earnings as calculated by Capital IQ and Bloomberg, except for LYB, which is based on as reported earnings for the trailing 12 months.



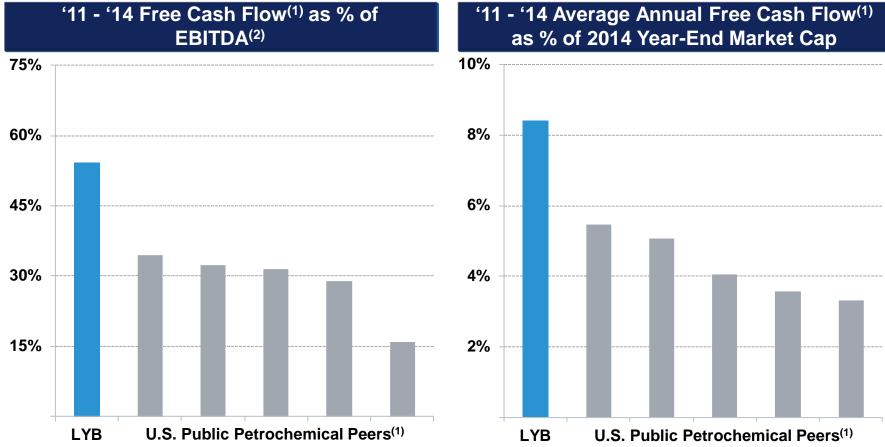
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Appendix

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LYB Delivers More Cash to the Bottom Line



LYB free cash flow generation significantly exceeds comparable U.S. public peer group

Source: Company filings, Capital IQ

(2)

Notes: LYB calculations are based on as reported line items and using Capital IQ market capitalization. Peer calculations are based on Capital IQ calculated line items.

(1) For definitions and peer group definitions, please see the Glossary in the Appendix to this presentation.

For purposes of peer comparison, LYB EBITDA is as reported. Peer EBITDA = Revenue - COGS - SG&A - R&D + D&A + equity income as calculated by Capital IQ.



Cash Deployment Hierarchy

		2014	Comments
	Base Capex	~ \$700 million	
Foundation	Interest Expense	~ \$350 million	 First priorities for cash
	Interim Dividend	~ \$1.4 billion	 Fund through the cycle with cash flow from operations
	Growth Capex	~ \$800 million	 High-return in advantaged businesses
Discretionary Opportunities	Share Repurchases /	Balance of	 Discretionary cash returned to shareholders
	Special Dividend / Acquisitions	cash generated ~ \$3 billion	 M&A if strategic and meaningfully accretive
Source: LYB			



Status of Growth Projects

Scope Cost **Project** Start-up (million Lbs.) (\$ million) Increase Ethane Capability 500 2012 ~\$25 Midwest Ethylene / PE 120 2012 ~\$25 EU Butadiene Expansion⁽²⁾ 155 Mid 2013 ~\$100 Methanol Restart 250 MM Gal. Dec. 2013 ~\$180 PE Debottleneck 220 Early 2014 ~\$20 La Porte Expansion 800 Mid 2014 ~\$500 Channelview Expansion (I) 250 Mid 2015 ~\$200 Corpus Christi Expansion 800 2016 ~\$600 Channelview Expansion (II) 550 2017 ~\$300 1,000 PO New PO/TBA Plant **TBD** 2020 29 MBPD Oxyfuels PE / Metathesis Capacity **TBD TBD** ~1,000 **Total** ~\$1,950

Potential EBITDA⁽¹⁾ (\$ million / year)

2011-14 Avg. Margins	Q2'15 YTD Margins
\$80 – 100	\$30 – 50
\$30 – 40	\$20 – 30
\$40 – 50	\$40 – 50
\$200 – 230	\$190 – 210
\$5 – 10	\$30 – 40
\$220 – 280	\$170 – 230
\$70 – 90	\$50 – 70
\$220 – 280	\$170 – 230
\$150 – 190	\$120 – 160
\$500 – 550	\$460 – 510
TBD	TBD
\$1,515 – 1,820	\$1,280 – 1,580

Source: LYB, Chemical Data and IHS.

⁽¹⁾ Potential EBITDA assumes 100% utilization and is based on third party consultant industry margins through the first half of 2015, and 2011-2014 average as of July 28, 2015.

⁽²⁾ The EU Butadiene expansion benefits from a fixed margin and thus the potential EBITDA benefit has not changed.



Outsized Performance in Perspective

Cash Flow and Shareholder Returns

- 2014 Cash Flow from Operating Activities:
 \$6.0 B, or 13% of revenue
- 2014 Free Cash Flow⁽¹⁾: \$4.6 B, or 10% of revenue
- Dividend Yield⁽²⁾: 3.0%
- Share Repurchases: Large and on-going

pacity #2	Expansions
#2	.050/
#4	+25%
#2	+35%
#1	+40%
	#1

Multiples (trailing 12 months as of 6/30/15)	LYB	S&P Chemical Index	S&P 500
EV/EBITDA(3)	6.3x	11.6x	10.4x
PE ⁽⁴⁾	9.2x	17.8x	21.6x

- Cash flow, shareholder friendly behavior, and growth at below market multiples
- We like the value ~20% of outstanding shares purchased⁽⁵⁾

Source: Capital IQ, Bloomberg, LYB

- (1) Free Cash Flow = EBITDA Capex.
- Dividend yield as of 6/30/15.
- (3) EV/EBITDA = Enterprise Value / Earnings Before Interest Taxes and D&A as calculated by Capital IQ and Bloomberg, except for LYB, which is based on reported EBITDA for the trailing 12 months.
- (4) PE = Price to Earnings as calculated by Capital IQ and Bloomberg, except for LYB, which is based on as reported earnings for the trailing 12 months.
- (5) ~20% of shares outstanding have been repurchased through June 30, 2015 since the share repurchase program was first authorized in 2013.

Glossary

- **D&A:** Depreciation and Amortization
- EBITDA (as used for peers): Earnings before Interest, Taxes and Depreciation and Amortization = Revenue COGS SG&A R&D + D&A + Equity Income
- *Free Cash Flow = Cash from Operations Capital Expenditures
- Operating Income = Revenue COGS SG&A R&D
- R&D: Research and Development
- SG&A: Sales, General and Administrative

Peer Group Definitions:

- Americas Peers: CP Chemical O&P segment, Dow Performance Plastics segment, INEOS O&P North America segment and Westlake Olefins segment
- EAI Peers: Borealis and INEOS O&P Europe segment
- U.S. Public Petrochemical Peers: Celanese, Dow, Eastman, Huntsman and Westlake

^{*} See reconciliations in the Appendix



Information Related to Financial Measures

This presentation makes reference to certain "non-GAAP" financial measures as defined in Regulation G of the U.S. Securities Exchange Act of 1934, as amended. The non-GAAP measures we have presented include income from continuing operations excluding LCM, diluted earnings per share excluding LCM, EBITDA and EBITDA excluding LCM. LCM stands for "lower of cost or market," which is an accounting rule consistent with GAAP related to the valuation of inventory. Our inventories are stated at the lower of cost or market. Cost is determined using the last-in, first-out ("LIFO") inventory valuation methodology, which means that the most recently incurred costs are charged to cost of sales and inventories are valued at the earliest acquisition costs. Market is determined based on an assessment of the current estimated replacement cost and selling price of the inventory. In periods where the market price of our inventory declines substantially, cost values of inventory may be higher than the market value, which results in us writing down the value of inventory to market value in accordance with the LCM rule, consistent with GAAP. This adjustment is somewhat unique to our 2010 company formation when all assets and liabilities were measured at fair value, our use of LIFO accounting, and the recent volatility in pricing for many of our raw material and finished goods inventories. We report our financial results in accordance with U.S. generally accepted accounting principles, but believe that certain non-GAAP financial measures, such as EBITDA and earnings and EBITDA excluding LCM, provide useful supplemental information to investors regarding the underlying business trends and performance of the company's ongoing operations and are useful for period-over-period comparisons of such operations. Non-GAAP financial measures should be considered as a supplement to, and not as a substitute for, or superior to, the financial measures prepared in accordance with GAAP.

EBITDA, as presented herein, may not be comparable to a similarly titled measure reported by other companies due to differences in the way the measure is calculated. We calculate EBITDA as income from continuing operations plus interest expense (net), provision for (benefit from) income taxes, and depreciation & amortization. EBITDA should not be considered an alternative to profit or operating profit for any period as an indicator of our performance, or as an alternative to operating cash flows as a measure of our liquidity. We have also presented financial information herein exclusive of adjustments for LCM.

While we also believe that free cash flow (FCF) and book capital are measures commonly used by investors, free cash flow and book capital, as presented herein, may not be comparable to similarly titled measures reported by other companies due to differences in the way the measures are calculated. For purposes of this presentation, free cash flow means net cash provided by operating activities minus capital expenditures and book capital means total debt plus stockholders' equity plus minority interests.

Additional definitions for our non-GAAP measures can be found in the Glossary on slide 26.

Reconciliations for our non-GAAP measures can be found on the following slides.

EBITDA Excluding LCM Adjustments 2011 - 2014



Reconciliation of EBITDA Excluding LCM Adjustments to EBITDA - 2011 Through 2014

		For the Twelve Months Ended December 31,												
In Million of Dollars	20	011	20	012		2013		2014	C	remental Change om 2011				
EBITDA Excluding LCM Adjustments: Olefins & Polyolefins - Americas	\$	2,137	\$	2.069	¢	2 572	¢.	4 100	\$	2.052				
·	Ф	865	Ф	2,968 548	\$	3,573 839	\$	4,190	Ф	2,053 545				
Olefins & Polyolefins - EAI Intermediates & Derivatives		1,410		1,621		1,492		1,410 1,552		142				
		977		481		1,492		409						
Refining		191								(568) 41				
Technology Other				197		232		232						
		(111)		(7)		(7)		7.910		128				
Total		5,469		5,808		6,311		7,810		2,341				
Less:														
LCM Adjustments:														
Olefins & Polyolefins - Americas		-		-		-		279		279				
Olefins & Polyolefins - EAI		-		-		-		44		44				
Intermediates & Derivatives		-		-		-		93		93				
Refining		-		-		-		344		344				
Technology		-		-		-		-		-				
Other		-		-		-		-		-				
Total		-						760		760				
EBITDA:														
Olefins & Polyolefins - Americas		2,137		2,968		3,573		3,911		1,774				
Olefins & Polyolefins - EAI		865		548		839		1,366		501				
Intermediates & Derivatives		1,410		1,621		1,492		1,459		49				
Refining		977		481		182		65		(912				
Technology		191		197		232		232		41				
Other		(111)		(7)		(7)		17		128				
Total	\$	5,469	\$	5,808	\$	6,311	\$	7,050	\$	1,581				

EBITDA Excluding LCM Adjustments Last Twelve Months



Reconciliation of EBITDA Excluding LCM Adjustments to EBITDA

				Three Mo	nths I	ended			led			,	ded	Last Twelve Months											
In Million of Dollars		arch 31, 2014	Jı	ine 30, 2014	Se	ptember 0, 2014		ember 31, 2014	2014	Marc		Ju	ine 30, 2015		une 30, 2015	Ju	ne 30, 2014	2014		Jun	e 30,)14	Ju	ne 30, 2015		ine 30, 2015
EBITDA Excluding LCM Adjustments:																									
Olefins & Polyolefins - Americas	\$	736	\$	978	\$	1,202	\$	1,274	\$ 4,190	\$	1,074	\$	993	\$	2,067	\$	1,714	\$	4,190	\$	(1,714)	\$	2,067	\$	4,543
Olefins & Polyolefins - EAI		356		319		343		392	1,410		357		492		849		675		1,410		(675)		849		1,584
Intermediates & Derivatives		375		430		383		364	1,552		381		483		864		805		1,552		(805)		864		1,611
Refining		129		137		110		33	409		154		154		308		266		409		(266)		308		451
Technology		76		71		41		44	232		76		57		133		147		232		(147)		133		218
Other		(4)		6		1		14	 17		2		(2)				2		17		(2)				15
Total		1,668		1,941		2,080		2,121	 7,810		2,044		2,177		4,221		3,609		7,810		(3,609)		4,221		8,422
Less:																									
LCM Adjustments:																									
Olefins & Polyolefins - Americas		-		-		45		234	279		43		(21)		22		-		279		-		22		301
Olefins & Polyolefins - EAI		-		-		-		44	44		-		-		-		-		44		-		-		44
Intermediates & Derivatives		-		-		-		93	93		44		17		61		-		93		-		61		154
Refining		-		-		-		344	344		5		(5)		-		-		344		-		-		344
Technology		-		-		-		-	-		-		-		-		-		-		-		-		-
Other		-		-		-		-	-		-		-		-		-		-		-		-		-
Total	_	-				45		715	760		92	_	(9)	_	83		-	_	760				83		843
EBITDA:		70.5		070				1.040							2015						(1.51.6)		2015		
Olefins & Polyolefins - Americas		736		978		1,157		1,040	3,911		1,031		1,014		2,045		1,714		3,911		(1,714)		2,045		4,242
Olefins & Polyolefins - EAI		356		319		343		348	1,366		357		492		849		675		1,366		(675)		849		1,540
Intermediates & Derivatives		375		430		383		271	1,459		337		466		803		805		1,459		(805)		803		1,457
Refining		129		137		110		(311)	65		149		159		308		266		65		(266)		308		107
Technology		76		71		41		44	232		76		57		133		147		232		(147)		133		218
Other		(4)		6		1		14	 17		2		(2)				2		17		(2)				15
Total	\$	1,668	\$	1,941	\$	2,035	\$	1,406	\$ 7,050	\$	1,952	\$	2,186	\$	4,138	\$	3,609	\$	7,050	\$	(3,609)	\$	4,138	\$	7,579

Net Income to EBITDA 2011 - 2014



Reconciliation of Net Income to EBITDA

	 For	the Tv	velve Month	s Ende	d December	31,	
In Million of Dollars	2011		2012		2013		2014
Net Income Attributable to the Company Shareholders	\$ 2,147	\$	2,848	\$	3,857	\$	4,174
Net Loss Attributable to Non-Controlling Interests	(7)		(14)		(4)		(6)
(Income) Loss from Discontinued Operations	332		24		7		4
LCM Adjustments, After Tax	 						483
Income from Continuing Operations Excluding LCM Adjustments	2,472		2,858		3,860		4,655
Less:							
LCM Adjustments, After Tax	 _		-				(483)
Income from Continuing Operations	2,472		2,858		3,860		4,172
Provision for Income Taxes	1,059		1,327		1,136		1,540
Depreciation and Amortization	931		983		1,021		1,019
Interest expense, net	1,007		640		294		319
Add:							
LCM Adjustments, Before Tax	-		-		-		760
EBITDA Excluding LCM Adjustments	5,469		5,808		6,311		7,810
Less:							
LCM Adjustments, Before Tax	-						760
EBITDA	\$ 5,469	\$	5,808	\$	6,311	\$	7,050

Last Twelve Months Net Income to EBITDA Diluted EPS Excluding LCM to Diluted EPS



Reconciliation of Net Income To EBITDA

		Three Mo	onths Ended			Three Mor	nths Ended	Six Mont	hs Ended		Six Mont	hs Ended	Last Twelve Months
In Million of Dollars	March 31, 2014	June 30, 2014	September 30, 2014	December 31, 2014	2014	March 31 2015	June 30, 2015	June 30, 2015	June 30, 2014	2014	June 30, 2014	June 30, 2015	June 30, 2015
Net Income Attributable to the Company Shareholders	\$ 945	\$ 1,178	\$ 1,258	\$ 793	\$ 4,174	\$ 1,166	\$ 1,330	\$ 2,496	\$ 2,123	\$ 4,174	\$ (2,123)	\$ 2,496	\$ 4,547
Net Loss Attributable to Non-Controlling Interests	(1)	(2)	(1)	(2)	(6)	(2)	(1)	(3)	(3)	(6)	3	(3)	(6)
(Income) Loss from Discontinued Operations	(1)	(3)	3	5	4	3	(3)	-	(4)	4	4	-	8
LCM Adjustments, After Tax			28	455	483	58	(6)	52		483		52	535
Income from Continuing Operations Excluding LCM Adjustments	943	1,173	1,288	1,251	4,655	1,225	1,320	2,545	2,116	4,655	(2,116)	2,545	5,084
Less:													
LCM Adjustments, After Tax			(28)	(455)	(483)	(58)	6	(52)		(483)		(52)	(535)
Income from Continuing Operations	943	1,173	1,260	796	4,172	1,167	1,326	2,493	2,116	4,172	(2,116)	2,493	4,549
Provision for Income Taxes	383	425	434	298	1,540	440	541	981	808	1,540	(808)	981	1,713
Depreciation and Amortization	256	254	262	247	1,019	287	247	534	510	1,019	(510)	534	1,043
Interest expense, net	86	89	79	65	319	58	72	130	175	319	(175)	130	274
Add:													
LCM Adjustments, Pre Tax	-	-	45	715	760	92	(9)	83	-	760	-	83	843
EBITDA Excluding LCM Adjustments	1,668	1,941	2,080	2,121	7,810	2,044	2,177	4,221	3,609	7,810	(3,609)	4,221	8,422
Less:													
LCM Adjustments, Pre Tax			45	715	760	92	(9)	83		760		83	843
EBITDA	\$ 1,668	\$ 1,941	\$ 2,035	\$ 1,406	\$ 7,050	\$ 1,952	\$ 2,186	\$ 4,138	\$ 3,609	\$ 7,050	\$ (3,609)	\$ 4,138	\$ 7,579

Reconciliation of Diluted EPS Excluding LCM Adjustments to Diluted EPS

				Three Mo	onths l	Ended				T	hree Mon	ths E	nded		Six Mont	hs Enc	led	Twelve onths
	March 31, June 30, 5 2014 2014		•	September December 31, 30, 2014 2014		2014	March 31 2015			June 30, 2015		ne 30,	June 30, 2014		ne 30, 2015			
Diluted Earnings Per Share Excluding LCM Adjustments	\$	1.72	\$	2.22	\$	2.51	\$	2.48	\$ 8.92	\$	2.54	\$	2.79	\$	5.33	\$	3.93	\$ 10.32
Less:																		
LCM Adjustments		-				0.05		0.91	 0.92		0.12		(0.02)		0.11		-	 1.08
Diluted Earnings Per Share	\$	1.72	\$	2.22	\$	2.46	\$	1.57	\$ 8.00	\$	2.42	\$	2.81	\$	5.22	\$	3.93	\$ 9.24

Free Cash Flow to Net Cash and as a Percent of EBITDA



Reconciliation of Free Cash Flow as a Percent of EBITDA - 2011 Through 2014

2012				
	2013	2014	2011 - 2014	
\$ 4,787	\$ 4,835	\$ 6,048	\$ 4,633	
1,060	1,561	1,499	1,293	
\$ 3,727	\$ 3,274	\$ 4,549	\$ 3,340	
\$ 5,808	\$ 6,311	\$ 7,050	\$ 6,160	
64%	52%	65%	54%	
:				

Free Cash Flow to Net Cash Provided by Operating Activities



Reconciliation of Free Cash Flow to Net Cash Provided by Operating Activities

									T 41 TV			Last
	Fo	or the Years E	nded Decemb	er 31.	Three Mo	nths Ended	Three Mo	nths Ended	For the Year Ended	Six Mont	hs Ended	Twelve Months
		T the Tours L	idea Decemb		March 31,	June 30,	March 31,	June 30,	December 31,	June 30,	June 30,	June 30,
In Million of Dollars	2011	2012	2013	2014	2015	2015	2014	2014	2014	2014	2015	2015
Free Cash Flow	\$ 1,810	\$ 3,727	\$ 3,274	\$ 4,549	\$ 1,162	\$ 1,168	\$ 458	\$ 1,382	\$ 4,549	\$ (1,840)	\$ 2,330	\$ 5,039
Add:												
Capital Expenditures	1,050	1,060	1,561	1,499	306	278	343	415	1,499	(758)	584	1,325
Net Cash Provided by Operating Activities	\$ 2,860	\$ 4,787	\$ 4,835	\$ 6,048	\$ 1,468	\$ 1,446	\$ 801	\$ 1,797	\$ 6,048	\$ (2,598)	\$ 2,914	\$ 6,364

Free Cash Flow as a Percent of 2014 Market Capitalization



Reconciliation of Free Cash Flow as a Percent of 2014 Market Capitalization - 2011 Through 2014

	For the Years Ended December 31,								Average	
In Million of Dollars	2011		2012		2013		2014		2011 - 2014	
Net Cash Provided by Operating Activities	\$	2,860	\$	4,787	\$	4,835	\$	6,048	\$	4,633
Less:										
Capital Expenditures		1,050		1,060		1,561		1,499		1,293
Free Cash Flow	\$	1,810	\$	3,727	\$	3,274	\$	4,549	\$	3,340
Market Capitalization at December 31, 2014									\$	39,748
Average 2014 Market Capitalization							\$	49,123		
Free Cash Flow as a Percent of Market Capitalization								9%		8%



EBITDA per Pound of Ethylene Capacity

Reconciliation of EBITDA per Pound of Ethylene Capacity

	For the Years Ended December 31,									
In Million of Dollars Unless Otherwise Indicated	2011	2012	2013	2014						
EBITDA:										
O&P-Americas	\$ 2,137	\$ 2,968	\$ 3,573	\$ 3,911						
O&P–EAI	865	548	839	1,366						
Annual Ethylene Capacity (Millions of Pounds):										
O&P-Americas	9,590	9,750	9,870	10,670						
O&P–EAI	4,829	4,829	4,829	4,829						
EBITDA per Pounds of Ethylene Capacity:										
O&P-Americas	22.3¢	30.4¢	36.2¢	36.7¢						
O&P–EAI	17.9¢	11.3¢	17.4¢	28.3¢						



LYB Enterprise Value to EBITDA

Calculation of Ratio of LYB Enterprise Value (EV) to EBITDA

In Million of Dollars except for common shares outstanding								
Common Shares Outstanding, June 30, 2015	468,081,718							
Multiplied by:								
Closing Share Price, June 30, 2015	\$	103.52						
Market Capitalization	\$	48,456						
Add:								
Current Maturities of Long-Term Debt		3						
Short-Term Debt		582						
Long-Term Debt		7,728						
Less:								
Cash		1,325						
Short-Term Investments		1,989						
Net Debt		4,999						
Non-Controlling Interests		23						
Enterprise Value		53,478						
Divided by:								
Last 12 Months EBITDA		8,422						
Ratio of Enterprise Value to EBITDA		6.3						