

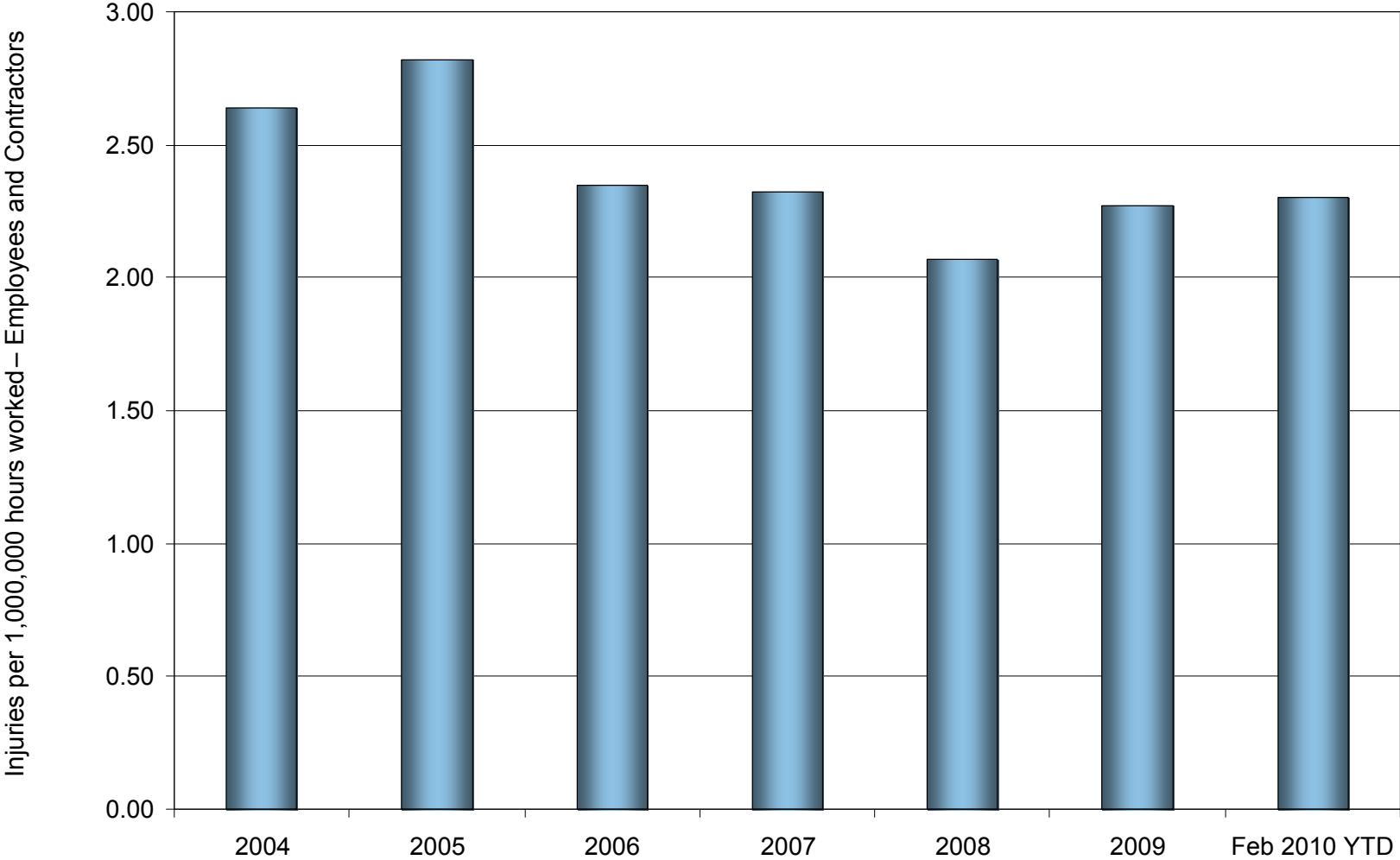
February 2010 Performance Update



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- 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 Chapter 11 bankruptcy proceedings under which 94 LyondellBasell entities are operating and the requirements of the debtor-in-possession financing for the entities operating in the Chapter 11 proceedings, the ability to implement business strategies, availability, cost and price volatility of raw materials and utilities; supply/demand balances; industry production capacities and operating rates; uncertainties associated with the U.S. and worldwide economies; legal, tax and environmental proceedings; cyclical nature of the chemical and refining industries; operating interruptions; current and potential governmental regulatory actions; terrorist acts; international political unrest; competitive products and pricing; technological developments; risks of doing business outside of the U.S.; access to capital markets; and other risk factors. Additional factors that could cause results to differ materially from those described in the forward-looking statements can be found in our financial reports, which are available at www.lyondellbasell.com on the Investor Relations page.
- This presentation contains certain “non-GAAP financial measures,” which are financial measures that are derived on the basis of methodologies other than in accordance with U.S. GAAP. This presentation contains EBITDAR, a non-GAAP financial measure. EBITDAR should not be considered as 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. While we believe that EBITDAR is a measure commonly used by investors, EBITDAR, 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. For purposes of this presentation, EBITDAR means earnings before interest, taxes, depreciation, amortization and restructuring costs in the manner provided under the Consolidated EBITDAR definition of the DIP Term Loan Credit Facility. Our financial statements utilize a combination of First-In, First-Out and Last-In, First-Out inventory methods. As supplemental segment information, EBITDAR figures are prepared on a current cost basis unless otherwise stated.
- This presentation contains time sensitive information that is accurate only as of the time hereof. We undertake no obligation to update the information presented herein except to the extent required by law.

LyondellBasell Safety Performance 2004-2010



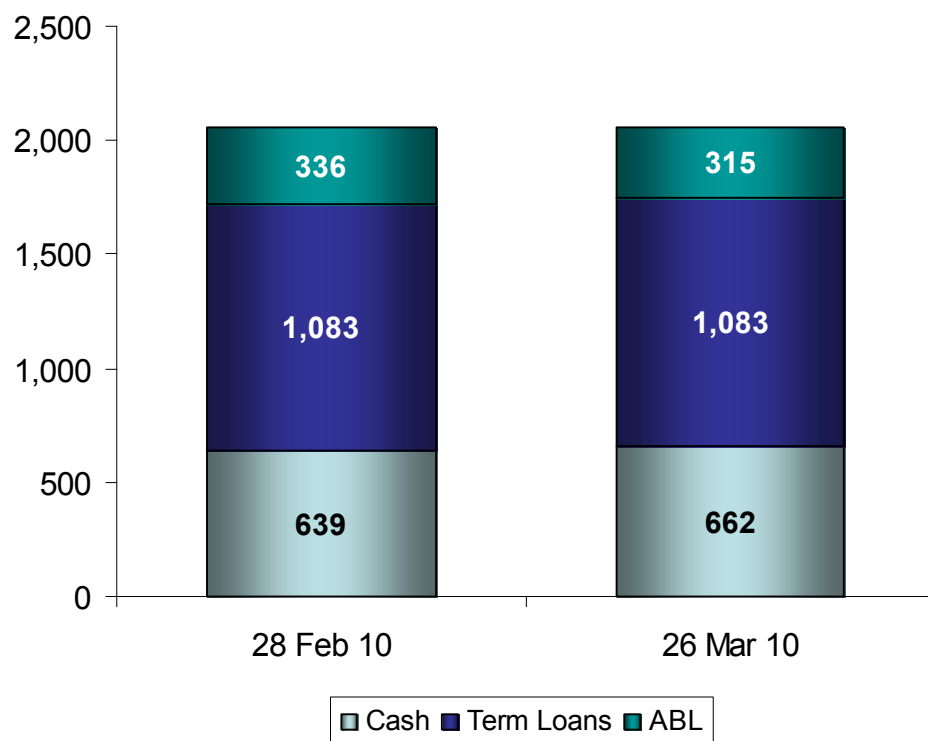
EBITDAR ⁽¹⁾ by Business Segment

	<u>Feb 2010</u>	<u>YTD Feb 2010</u>	<u>YTD Op Fcst</u>	<u>YTD Feb 2009</u>
Refining & Oxyfuels	1	(31)	71	66
Olefins & Polyolefins - Americas	68	114	60	24
Olefins & Polyolefins - EAI	62	112	48	(20)
Intermediates & Derivatives	74	125	55	100
Technology	12	30	32	57
Other	(1)	(24)	(6)	21
Total	216	326	260	248
Reorganization Costs	57	84	-	340

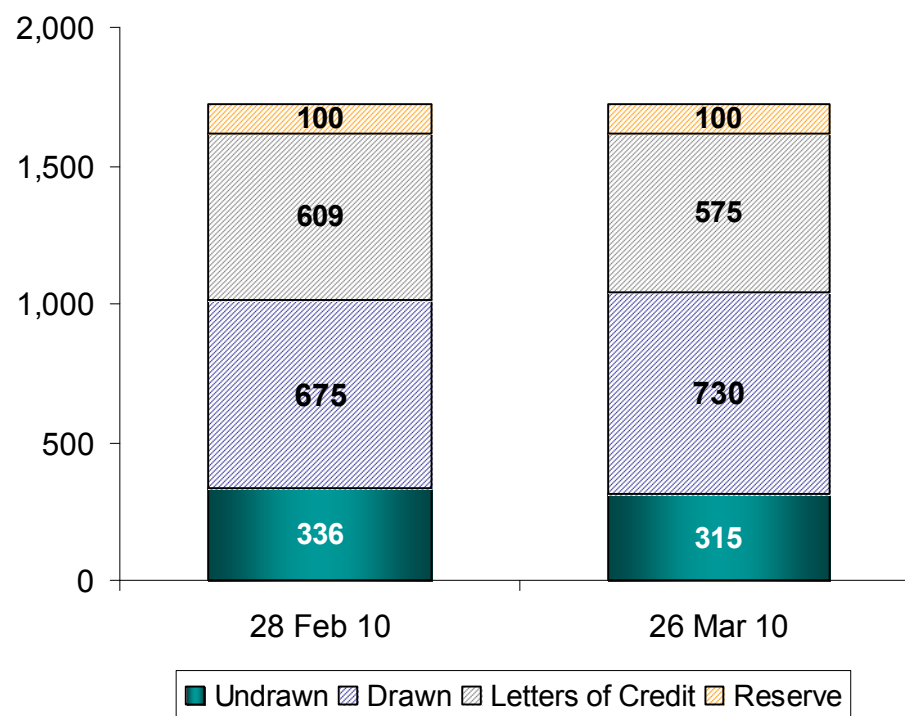
(1) EBITDAR = earnings before interest, taxes, depreciation and amortization, and restructuring costs

Liquidity

Total Liquidity (\$million)



ABL Facility (\$million)



Refining & Oxyfuels

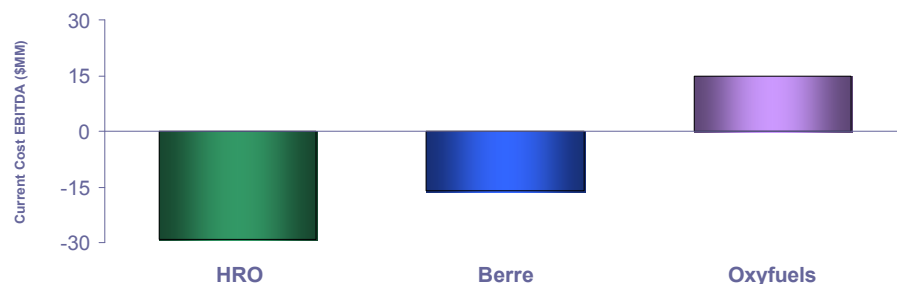
Segment Business Review – February 2010

	Current Cost EBITDAR		
(USD, millions)	US	ROW	Total
Feb 2010	1	0	1
Feb 2010 YTD	(28)	(3)	(31)

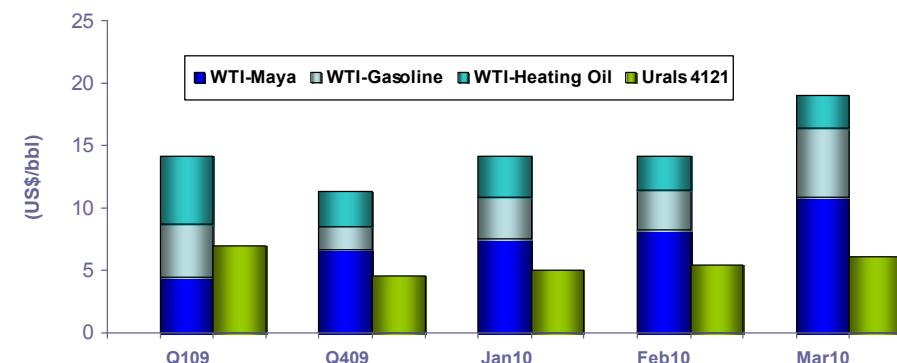
Refining & Oxyfuels Feb 2010 Results

- February results improved over January primarily due to improved oxyfuel margins
- Houston Refining
 - Crude throughput: 261 MB/D
 - Maya 2-1-1 spread: \$14.13/bbl
 - Financial results comparable to January
- Berre Refining
 - Crude throughput: 75 MB/D
 - Urals 4-1-2-1 spread: \$5.39/bbl
 - Volumes increased on completion of crude unit maintenance; financial results similar to January
- Oxyfuels
 - Increased margin / lower raw material costs

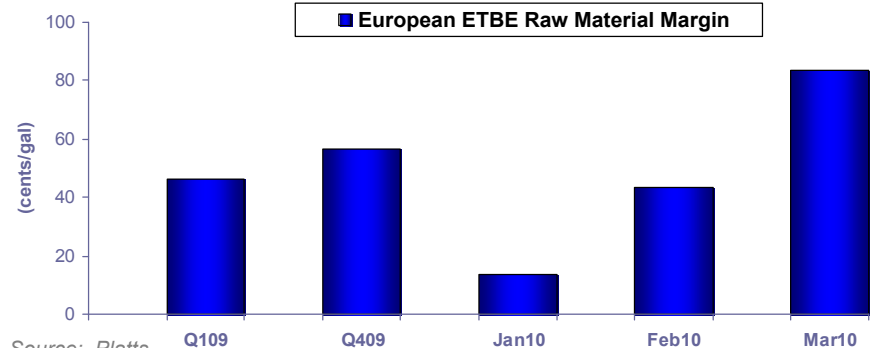
Feb 2010 YTD Segment EBITDAR Contribution



Spreads



European ETBE Raw Material Margin



Source: Platts

Olefins & Polyolefins – Americas

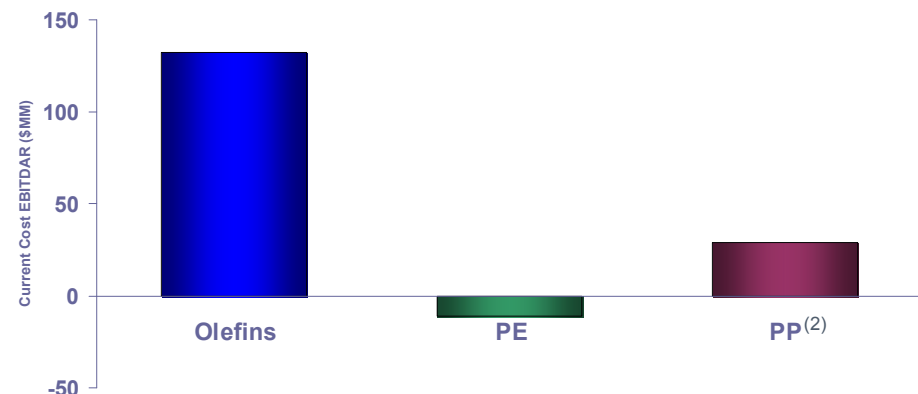
Segment Business Review – February 2010

Current Cost EBITDAR (\$ MM)	
Feb 2010	YTD
68	114

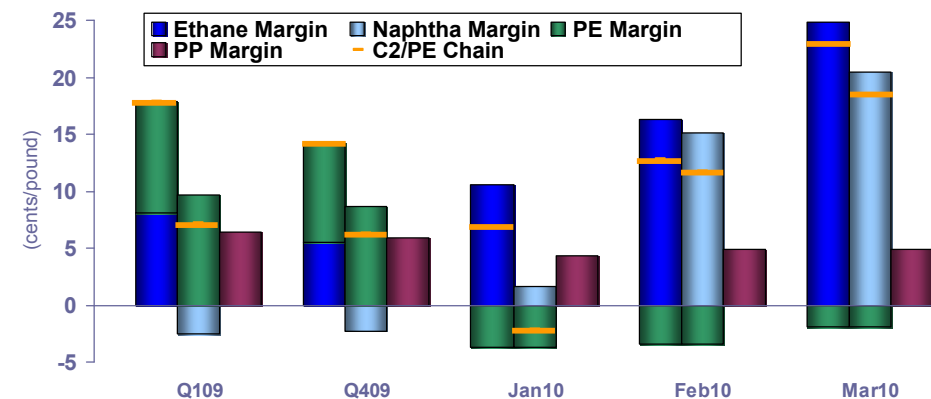
O&P - Americas Feb 2010 Results

- February results ahead of plan
- US Olefins
 - Margin increase driven by higher ethylene and aromatic co-product prices
 - Successful restart of Corpus Christi after turnaround
 - ~65% of ethylene from NGLs
- Polyethylene
 - Spread contraction due to increased ethylene price
 - Sales volume reduction of ~10% versus January
- Polypropylene (2)
 - Results generally in line with January
 - Dividend from Indelpro JV

Feb 2010 YTD Segment EBITDAR Contribution (1)



Indicative Margins



Source: CMAI

(1) Bar chart figures exclude \$36MM of primarily intra-divisional eliminations

(2) Includes Catalloy

Olefins & Polyolefins – Europe, Asia, International Segment Business Review – February 2010

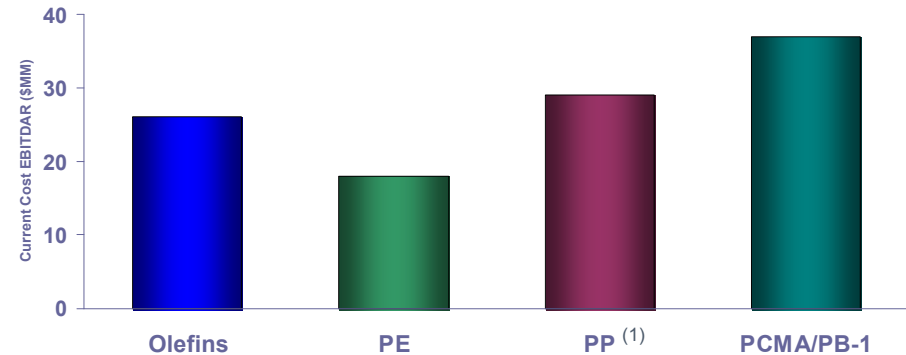
Current Cost EBITDAR (\$ MM)	
Feb 2010	YTD
62	112

O&P - EAI Feb 2010 Results

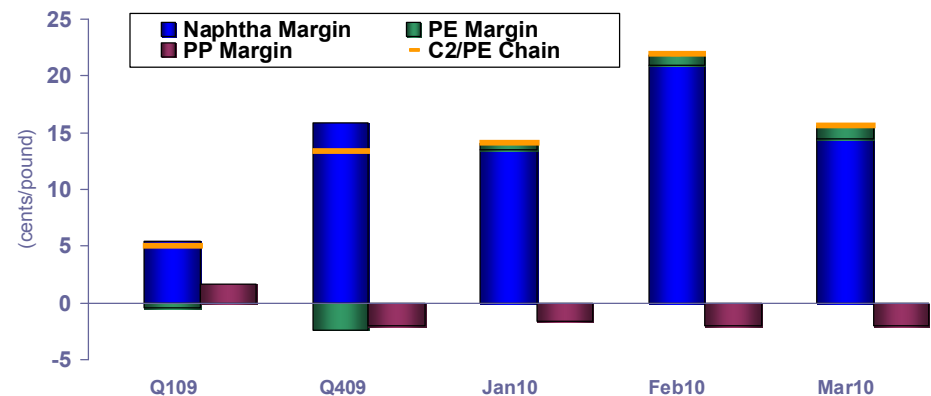
- February results ahead of plan
- EU Olefins
 - Improved margins
- Polyethylene
 - Modest margin expansion
- Polypropylene ⁽¹⁾
 - Overall results in line with January; volumes relatively unchanged from January
- PCMA/PB-1
 - Results comparable to January

(1) Includes *Catalloy*

Feb 2010 YTD Segment EBITDAR Contribution



Indicative Margins



Source: CMAI

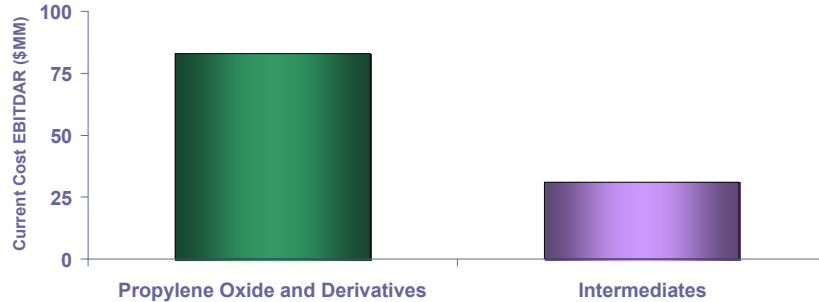
Intermediates & Derivatives / Technology

Segment Business Reviews – February 2010

Intermediates & Derivatives

	Current Cost EBITDAR		
(USD, millions)	US	ROW	Total
Feb 2010	53	21	74
Feb 2010 YTD	85	40	125

Feb 2010 YTD EBITDAR Contribution



I&D Feb 2010 Results

- February results ahead of plan
- Propylene Oxide & Derivatives
 - Modest improvement from January
 - Strengthening derivatives demand
- Intermediates
 - Results slightly lower than January

Technology

Current Cost EBITDAR (\$ MM)	
Feb 2010	YTD
12	30

Technology Feb 2010 Results

- Results slightly behind plan
- Minimal license income in February

February Summary and Near-Term Outlook

- February Summary – Monthly results ~\$90 million ahead of plan; YTD ~ \$65 million ahead of plan
 - Refining & Oxyfuels
 - Depressed refining conditions continued to adversely affect results, slight improvement in heavy-light crude differential
 - Oxyfuels margins expanded on lower raw material costs
 - Olefins & Polyolefins
 - US olefins stronger on ethylene and aromatic co-product price increases; Corpus Christi turnaround completed
 - EU olefins stronger on higher ethylene price
 - US polyethylene remained under pressure from increasing ethylene prices
 - Intermediates & Derivatives
 - Continued good performance
- Near-Term Outlook
 - Refining margins improving with expansion of heavy/light differential, sustainability unclear; improved gasoline spread
 - Seasonal oxyfuels margin strength
 - US olefins supply/demand tight, impacted by industry maintenance activities and unplanned industry shutdowns
 - Olefins and polyolefins price increases