



First-Quarter 2011 Earnings

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May 2, 2011

lyondellbasell
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Cautionary Statement

The information in this presentation includes forward-looking statements. These statements relate to future events, such as anticipated revenues, earnings, business strategies, competitive position or other aspects of our operations or operating results. Actual outcomes and results may differ materially from what is expressed or forecast in such forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict. Factors that could cause actual results to differ from forward-looking statements include, but are not limited to, availability, cost and price volatility of raw materials and utilities; supply/demand balances; industry production capacities and operating rates; uncertainties associated with 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; the ability to comply with the terms of our credit facilities and other financing arrangements; the ability to implement business strategies; and other factors affecting our business generally as set forth in the “Risk Factors” section of our Form 10-K for the year ended December 31, 2010, 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.

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.

Information Related to Financial Measures

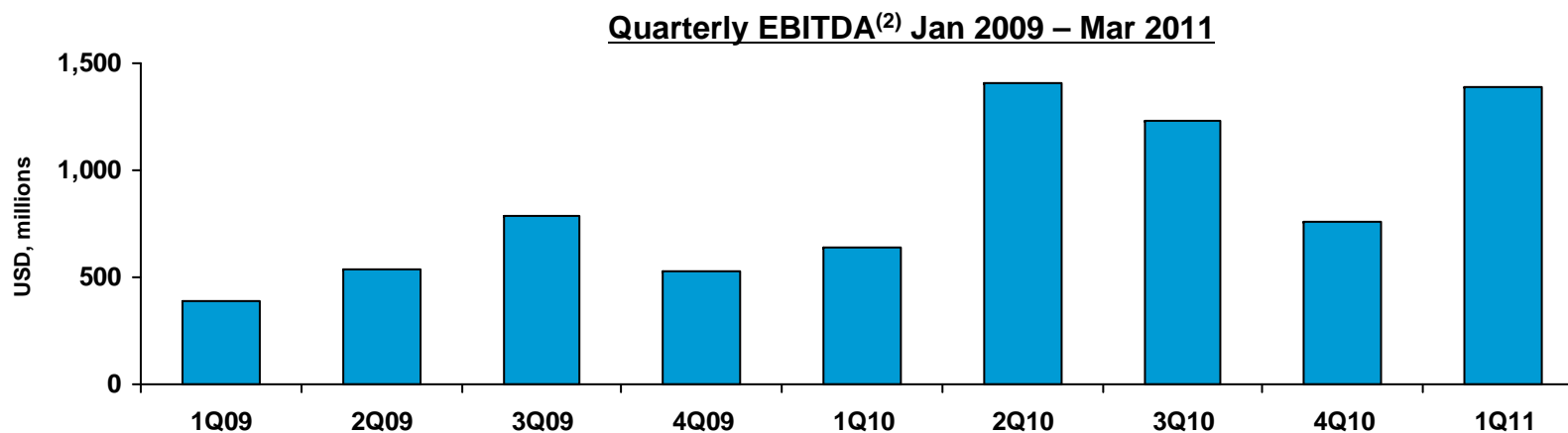
We have included EBITDA in this presentation, which is a non-GAAP measure, as we believe that EBITDA is a measure commonly used by investors. However, EBITDA, as presented herein, may not be comparable to a similarly titled measure reported by other companies due to differences in the way the measure is calculated. For purposes of this presentation, EBITDA for predecessor periods (prior to April 30, 2010) means earnings before interest, taxes, depreciation, amortization and restructuring costs, as adjusted for other items management does not believe are indicative of the Company's underlying results of operations such as impairment charges, reorganization items, the effect of mark-to-market accounting on our warrants and current cost inventory adjustments. EBITDA for successor periods (after April 30, 2010) means earnings before interest, taxes, depreciation and amortization, as adjusted for the same items, to the extent applicable in the successor periods. EBITDA also includes dividends from joint ventures. 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. See Table 9 of our accompanying earnings release for reconciliations of EBITDA to net income. While we also believe that net debt is a measure commonly used by investors, net debt, 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, net debt means short-term debt plus current maturities of long-term debt plus long-term debt minus cash and cash equivalents.

In our predecessor period, we utilized a combination of First In-First Out and Last In-First Out inventory methods for financial reporting. For purposes of evaluating segment results, management reviewed operating results using current cost, which approximates LIFO. As supplementary information, and for our segment reporting, we also provide EBITDA information on a current cost basis for predecessor periods. In our successor periods, we have utilized the LIFO inventory methodology and EBITDA information for periods after our emergence is on a LIFO basis.

Highlights

<i>\$, Million (except per share data)</i>	1Q11	4Q10	1Q10
EBITDA ⁽¹⁾	1,402	762	640
Net Income	660	766	8
Diluted Earnings (\$/share)	1.15	1.34	-
Net Debt / LTM EBITDA ⁽¹⁾	0.4x	0.5x	-

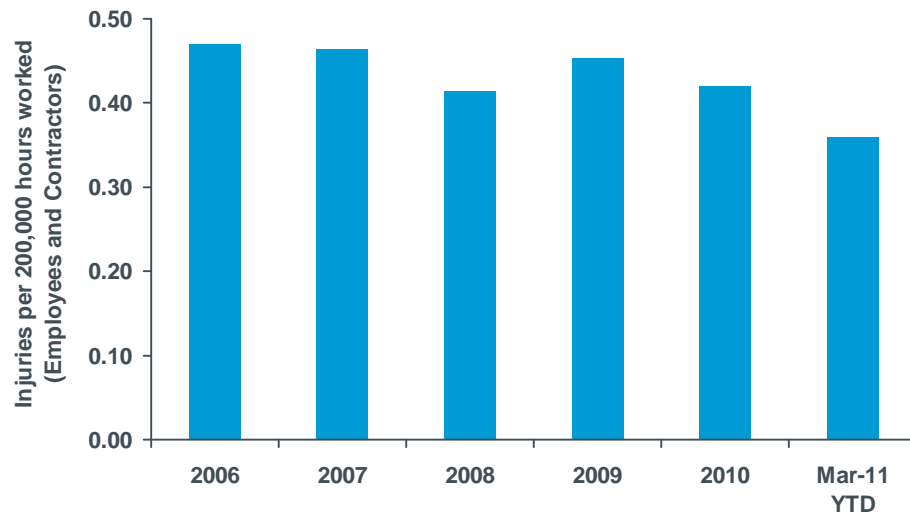
Quarterly EBITDA increase of 84% from 4Q10, 119% from 1Q10



¹⁾ Represents a combination of predecessor (April 1, 2010 – April 30, 2010) and successor (May 1, 2010 – March 31, 2011) periods. For periods prior to May 1, 2010, EBITDA is prepared on a current cost inventory basis. For periods beginning on May 1, 2010, and thereafter, EBITDA is prepared using the LIFO (Last-In, First-Out) method of inventory accounting. All EBITDA figures include joint venture dividends.

²⁾ 2Q10, 3Q10 and 4Q10 figures exclude LCM inventory charges of \$333 million, \$32 million and \$(323) million, respectively.

LyondellBasell Safety Performance



- Overall safety performance is among the best in the industry
- Contractor performance has improved significantly over the last two quarters
- Bayport Polymers plant received 2010 Distinguished Safety Award from NPRA



LyondellBasell First-Quarter 2011 and Last-Twelve-Months (LTM) Segment EBITDA

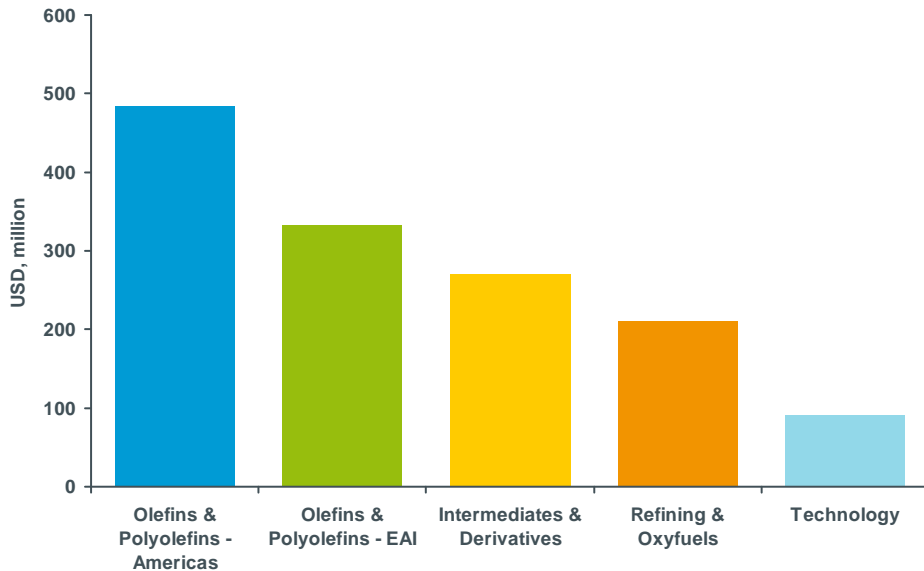
1Q11 EBITDA
\$1,402 million

1Q11 Operating Income
\$1,065 million

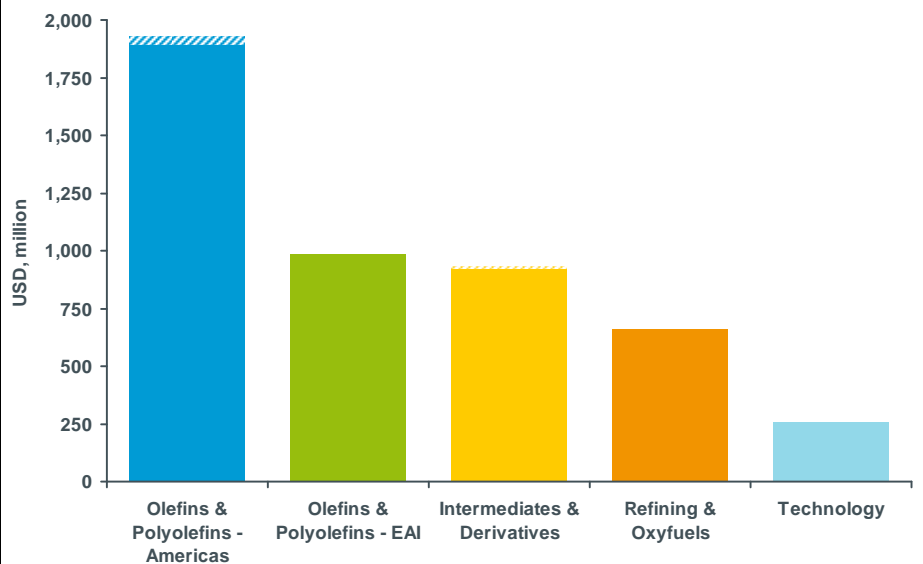
LTM EBITDA (1), (2)
\$4,797 million ex \$42 million LCM charge

LTM Operating Income (2), (3)
\$3,642 million

First-Quarter 2011 EBITDA



March 2011 LTM EBITDA



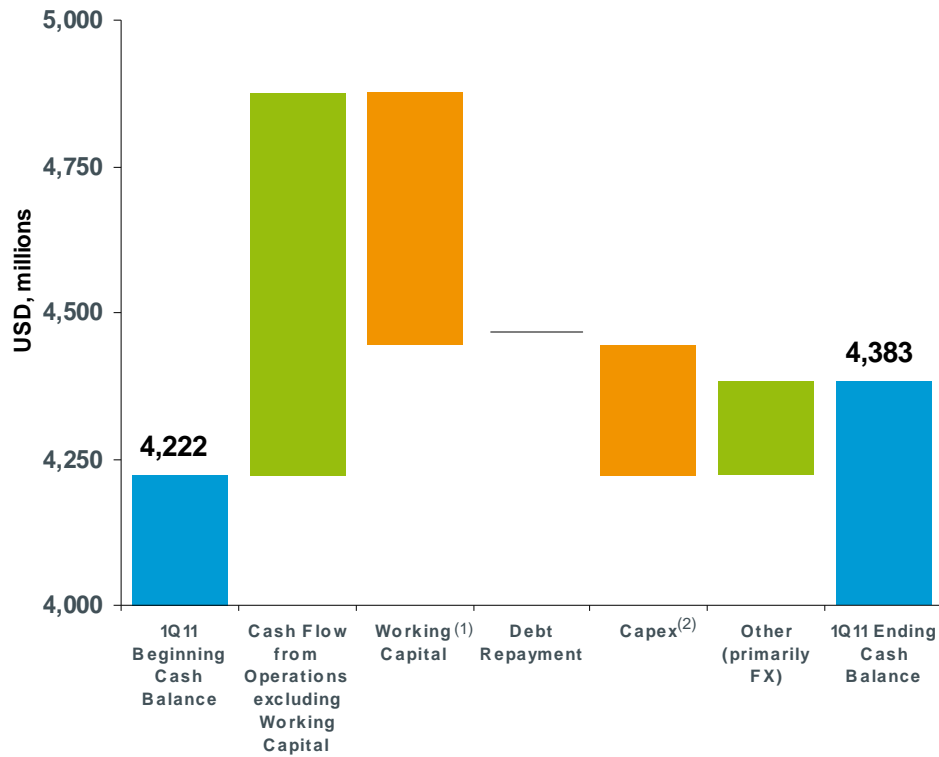
1) EBITDA excludes a 2010 \$42 million LCM inventory charge which is represented, in aggregate, by the shaded areas in the "March 2011 LTM EBITDA" chart above.

2) Represents a combination of predecessor (April 1 – April 30, 2010) and successor (May 1, 2010 – March 31, 2011) periods.

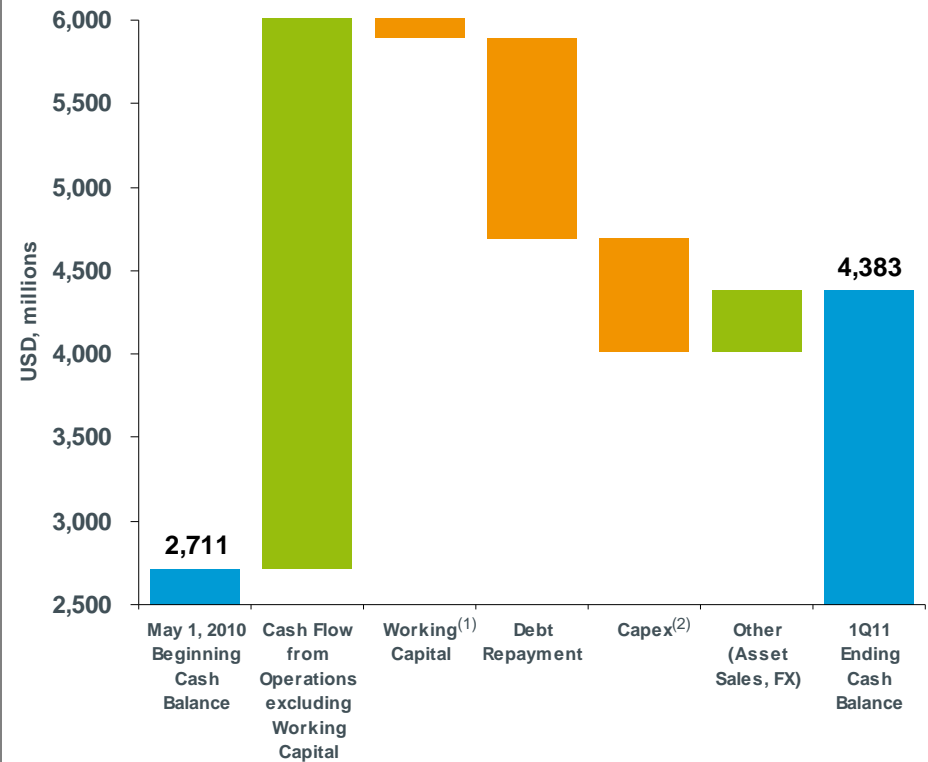
3) For periods prior to May 1, 2010, operating income and EBITDA are calculated on a current cost inventory basis. For periods beginning on May 1, 2010, and thereafter, operating income and EBITDA are calculated using the LIFO method of inventory accounting.

Cash Flow

First Quarter 2011



Since Emergence (May 1, 2010)

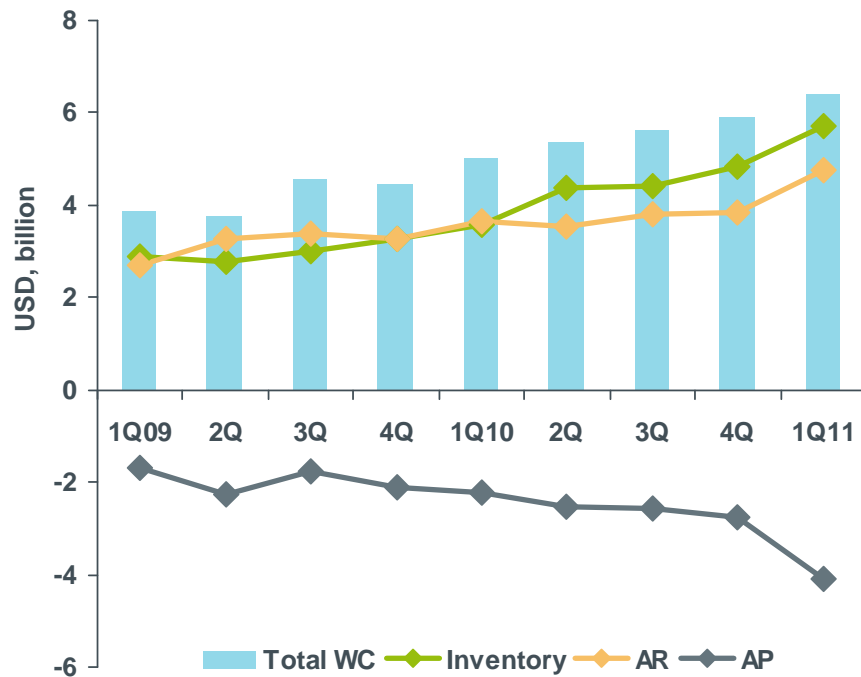


1) Includes inventories, accounts payable, and accounts receivable.

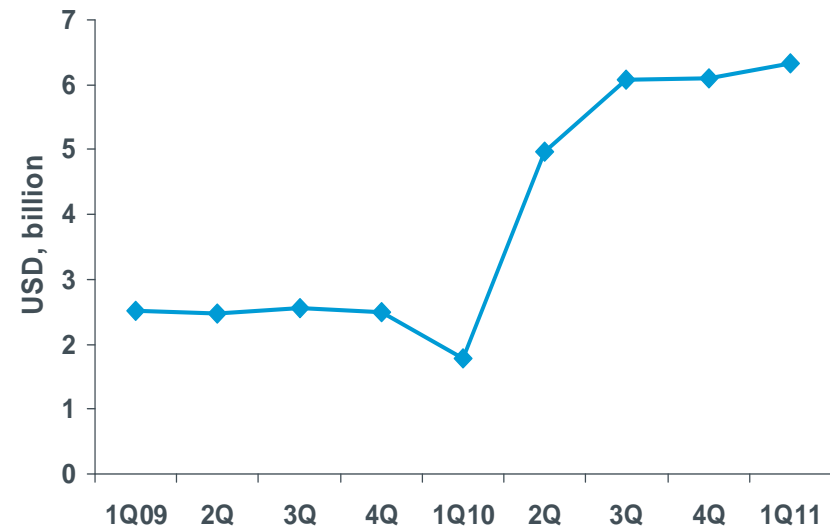
2) Includes capital and maintenance turnaround spending.

Working Capital and Liquidity

Working Capital (1)



Liquidity



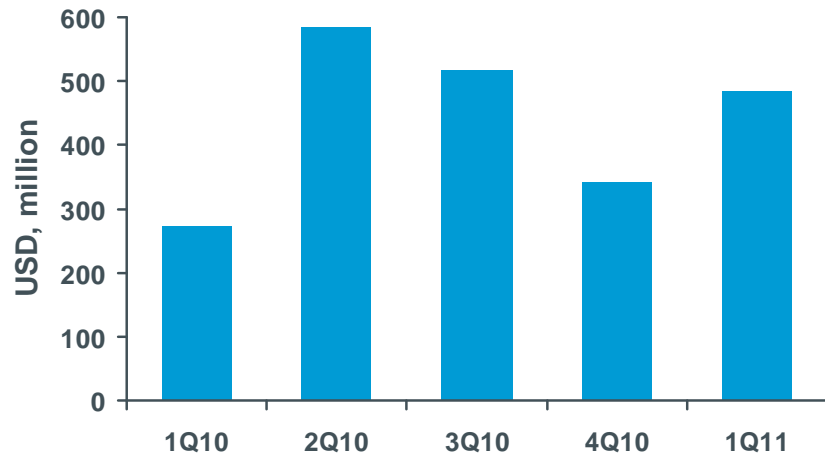
Snapshot at Mar. 31, 2011
Liquidity: ~ \$6.3 billion
Net Debt: ~ \$1.7 billion

1) Beginning in the second quarter 2010, working capital accounts reflect the impact of reorganization and fresh-start accounting adjustments.

Olefins & Polyolefins – Americas

Highlights and Business Drivers – 1Q11

EBITDA ⁽¹⁾ Trend



Performance vs. 4Q10

U.S. Olefins

- Expanded ethylene margin
- ~70% of ethylene from NGLs



Polyethylene

- Volume improvement from seasonally lower fourth quarter

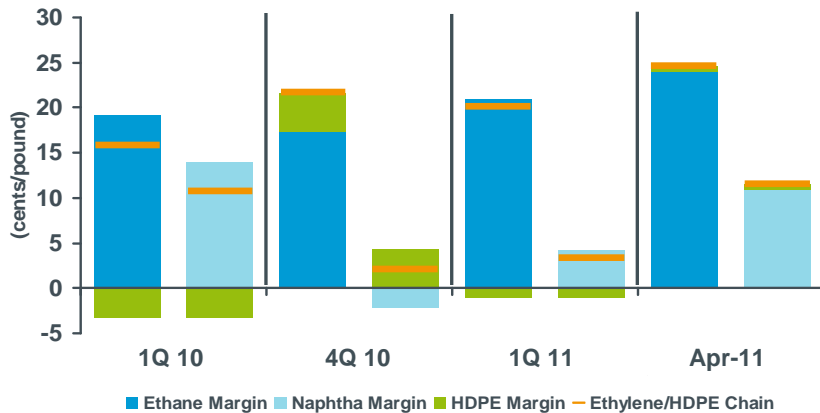


Polypropylene (includes *Catalloy*)

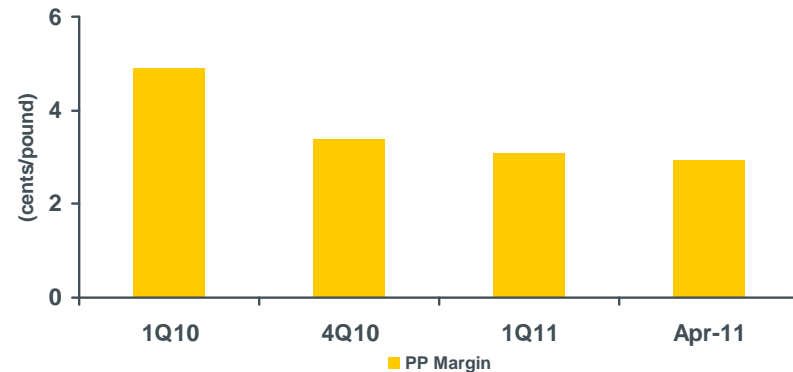
- Catalloy* strength



Ethylene Chain Margins (per CMAI)



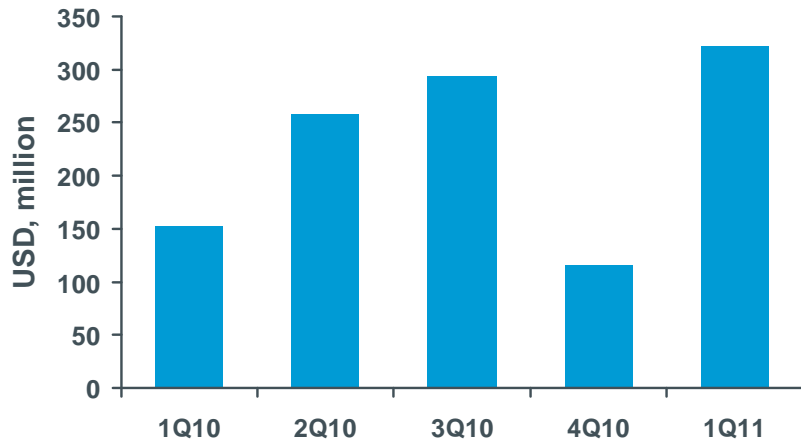
Polypropylene Margins (per CMAI)



1) Represents a combination of predecessor (January 1, 2010 – April 30, 2010) and successor (May 1, 2010 and thereafter) periods. For periods prior to May 1, 2010, EBITDA is calculated on a current cost inventory basis. For periods beginning on May 1, 2010, and thereafter, EBITDA is calculated using the LIFO method of inventory accounting. LCM charges of \$171 million, \$26 million and \$(163) million are excluded from 2Q10, 3Q10 and 4Q10 EBITDA figures, respectively.

Olefins & Polyolefins – Europe, Asia, International Highlights and Business Drivers – 1Q11

EBITDA ⁽¹⁾ Trend



Performance vs. 4Q10

EU Olefins

- Margin recovery from crude oil based squeeze in the fourth quarter
- Butadiene remains strong

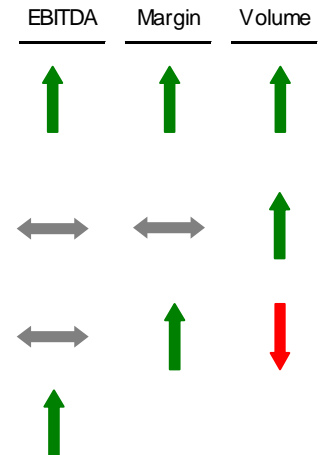
Polyethylene

- Some pressure from imports

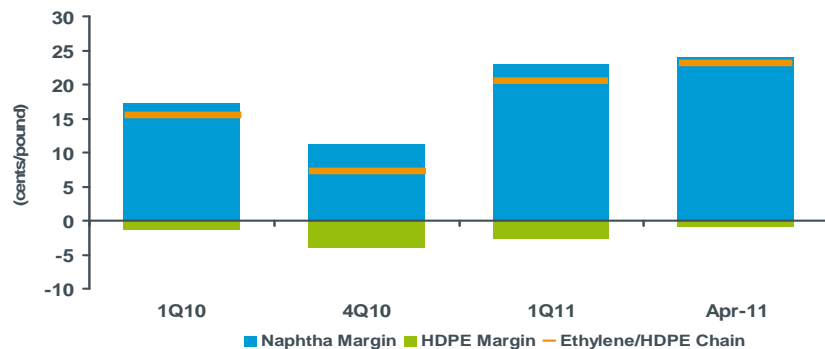
Polypropylene (includes *Catalloy*)

- Expanded margins, lower fixed costs

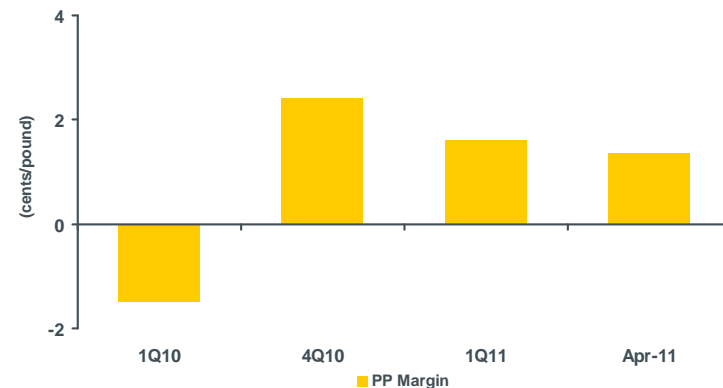
JV dividends



Ethylene Chain Margins (per CMAI)



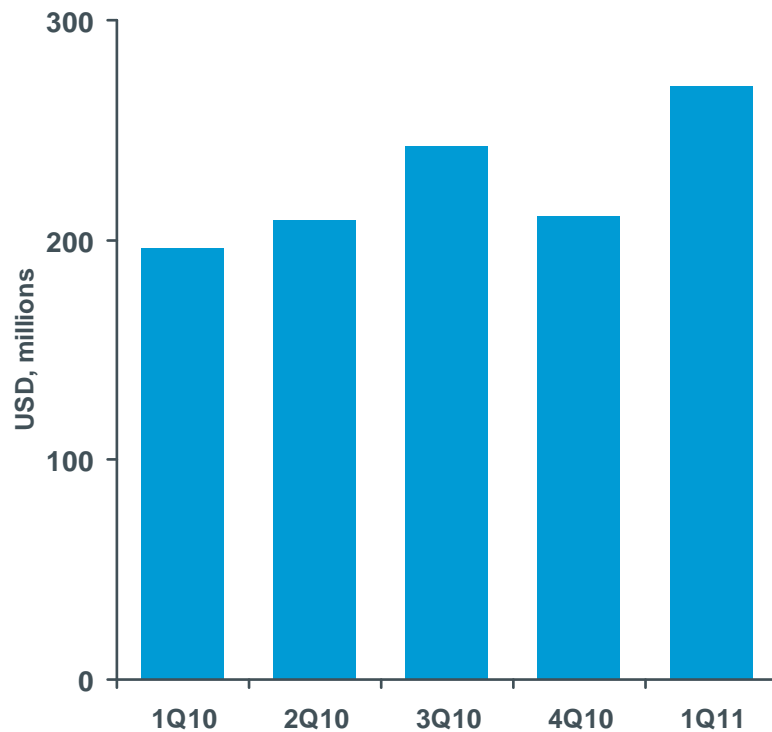
Polypropylene Margins (per CMAI)



1) Represents a combination of predecessor (January 1, 2010 – April 30, 2010) and successor (May 1, 2010 and thereafter) periods. For periods prior to May 1, 2010, EBITDA is calculated on a current cost inventory basis. For periods beginning on May 1, 2010, and thereafter, EBITDA is calculated using the LIFO method of inventory accounting. LCM charges of \$5 million, \$5 million and \$(10) million are excluded from 2Q10, 3Q10 and 4Q10 EBITDA figures, respectively.

Intermediates & Derivatives Highlights and Business Drivers – 1Q11

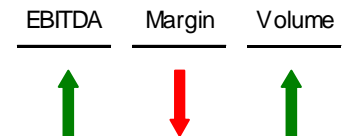
EBITDA ⁽¹⁾



Performance vs. 4Q10

Propylene Oxide and Derivatives

- Slight margin compression on higher raw material costs
- Seasonal deicer sales



Intermediates

- Increased EBITDA across most products
- Ethylene oxide / ethylene glycol and TBA intermediates strength

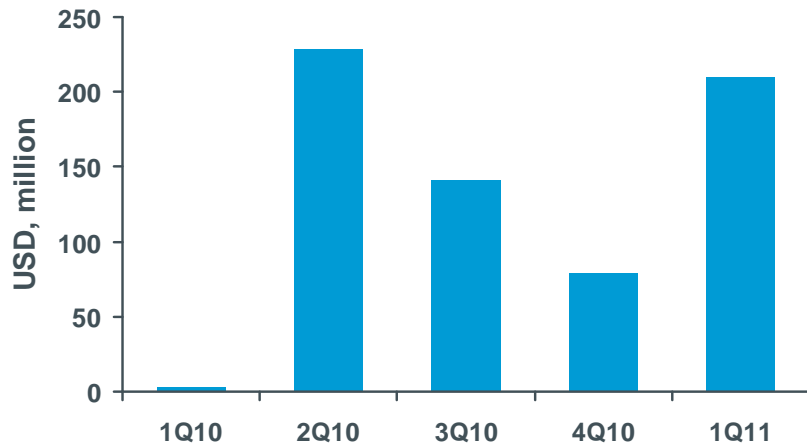


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Refining & Oxyfuels

Highlights and Business Drivers – 1Q11

EBITDA ⁽¹⁾ Trend



Performance vs. 4Q10

Houston Refinery

- Crude thruput: 258 MB/D
- Maya 2-1-1: \$23.69 / bbl
- Margin expansion, Houston FCCU turnaround

	EBITDA	Margin	Volume
Houston Refinery	↑	↑	↑
Berre Refinery	↓	↓	↑
Oxyfuels	↑	↑	↓

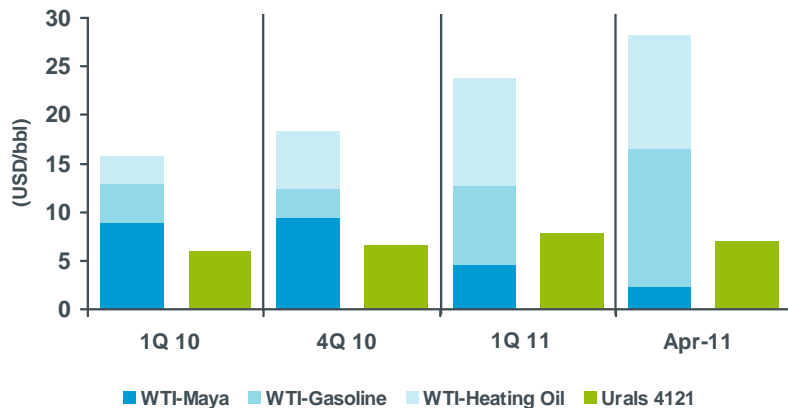
Berre Refinery

- Crude thruput: 101 MB/D
- Urals 4-1-2-1: \$7.81 / bbl

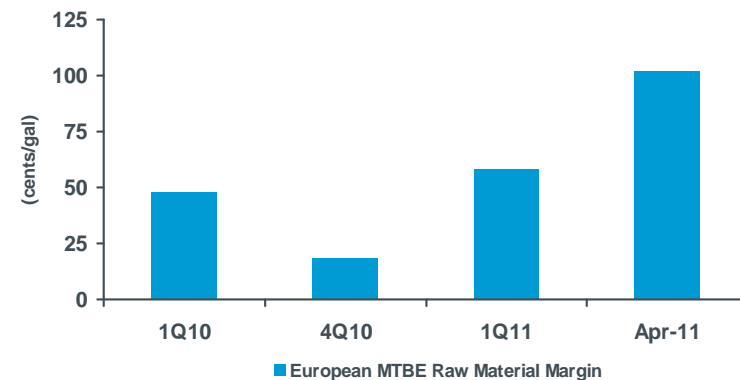
Oxyfuels

- Seasonal margin recovery

Refining Spreads (per Platts)



EU MTBE Raw Material Margins (per Platts)



1) Represents a combination of predecessor (January 1, 2010 – April 30, 2010) and successor (May 1, 2010 and thereafter) periods. For periods prior to May 1, 2010, EBITDA is calculated on a current cost inventory basis. For periods beginning on May 1, 2010, and thereafter, operating income and EBITDA are calculated using the LIFO method of inventory accounting. LCM charges of \$132 million, \$1 million and \$(133) million are excluded from 2Q10, 3Q10 and 4Q10 EBITDA figures, respectively.

Technology Highlights and Business Drivers – 1Q11

First-Quarter 2011 Results

\$91 million EBITDA

- Continued strong catalyst results
- Licensing income from previous activity



Lupotech Technology

First-Quarter Summary and Outlook

First-Quarter Summary

- Margin increases across most businesses despite raw material cost pressures
- European cracker margin recovery
- Significant dividend from Saudi JV
- Successful FCCU turnaround at Houston refinery
- Oxyfuels seasonal margin recovery
- Normal first quarter elevated usage of cash

Near-term Outlook

- Houston refinery operating with improved FCCU and strong industry spreads
- Channelview olefins plant turnaround
- 10 percent redemption of 8% Notes
- Annual Meeting of shareholders – May 5; Key proposals
 - Supervisory Board expansion
 - Dividend initiation