

S E I Z E T H E M O M E N T
— SECURING THE FUTURE —

April 26, 2013

First-Quarter 2013 Earnings

Jim Gallogly, Chief Executive Officer

Karyn Ovelmen, Chief Financial Officer

Sergey Vasnetsov, SVP - Strategic Planning and Transactions

Doug Pike, VP - Investor Relations

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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, 2012, 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. Before the first quarter of 2013, we reported EBITDA including certain adjustments. The EBITDA previously reported was calculated as net income before net interest expense, income taxes, depreciation and amortization, reorganization items, income from equity investments, income (loss) attributable to non-controlling interests, net income (loss) from discontinued operations, plus joint venture dividends, as adjusted for other items management does not believe are indicative of our underlying results of operations such as impairment charges, asset retirement obligations and the effect of mark-to-market accounting on our warrants. The specific items for which EBITDA was adjusted in each prior reporting period were disclosed in the reconciliation of non-GAAP financial measures table included in each reporting period. Beginning March 31, 2013, we calculate EBITDA as income from continuing operations plus interest expense (net), provision for (benefit from) income taxes, and depreciation & amortization. Reconciliations of our current calculation of EBITDA for periods prior to March 31, 2013 to the previously presented measures is included under “EBITDA Reconciliations” on the Investor Relations section of our website at www.lyondellbasell.com.

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.

Highlights

(\$ in millions, except per share data)

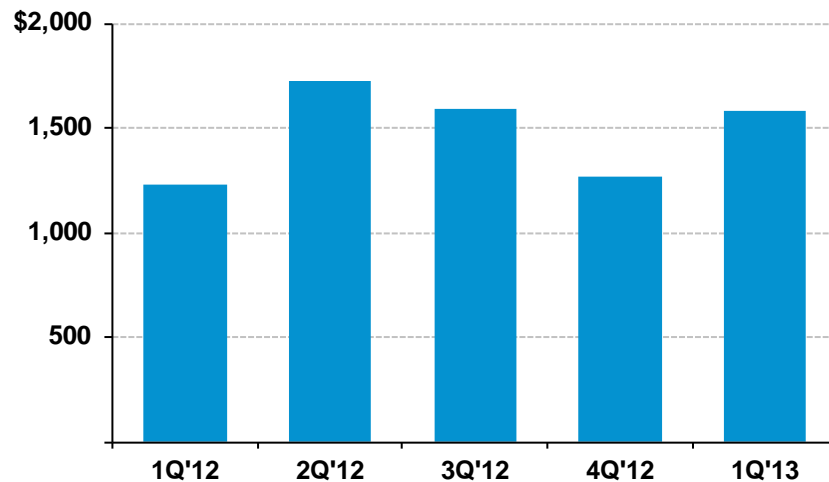
	1Q'13	4Q'12	1Q'12
EBITDA	\$1,585	\$1,265	\$1,227
Income from Continuing Operations	\$906	\$645	\$594
Diluted Earnings (\$ / share) from Continuing Operations	\$1.56	\$1.13	\$1.03

EBITDA Growth vs. Q4'12: 25%
EBITDA Growth vs. Q1'12: 29%

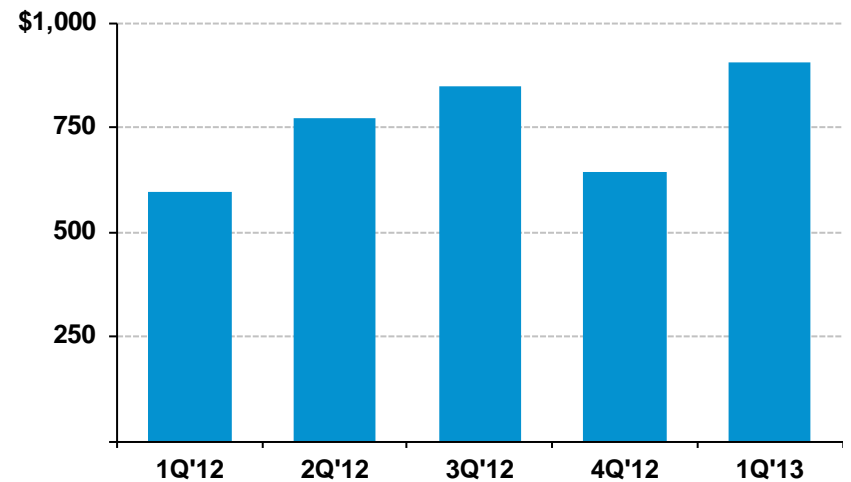
EPS Growth vs. Q4'12: 38%
EPS Growth vs. Q1'12: 51%

(\$ in millions)

EBITDA⁽¹⁾



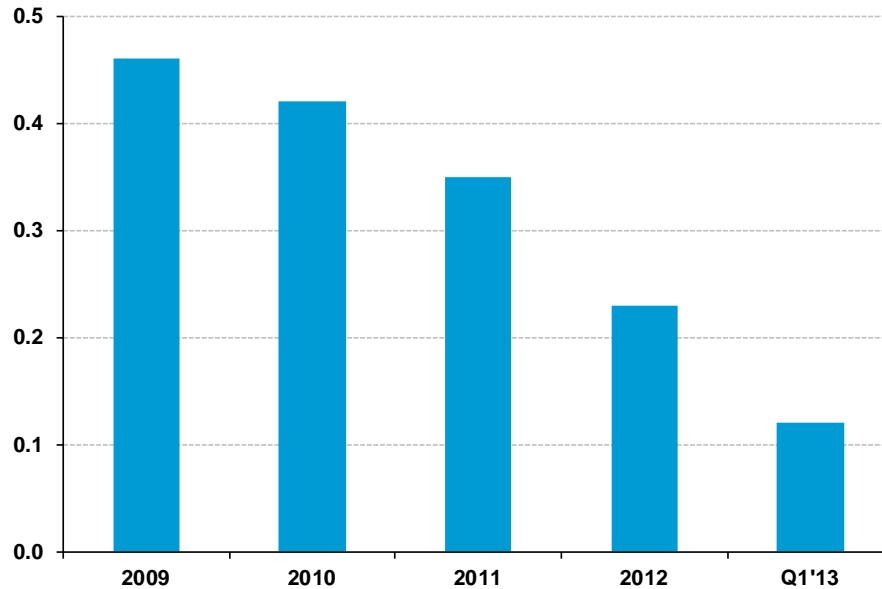
Income from Continuing Operations⁽¹⁾



(1) EBITDA and income from continuing operations include a lower of cost or market adjustment of \$71 million in the second quarter 2012 which was reversed in the third quarter 2012, due to a recovery in market prices.

LyondellBasell Safety Performance

Injuries per 200,000 Hours Worked⁽¹⁾



- Sustained excellent safety results through Q1



1) Includes employees and contractors.

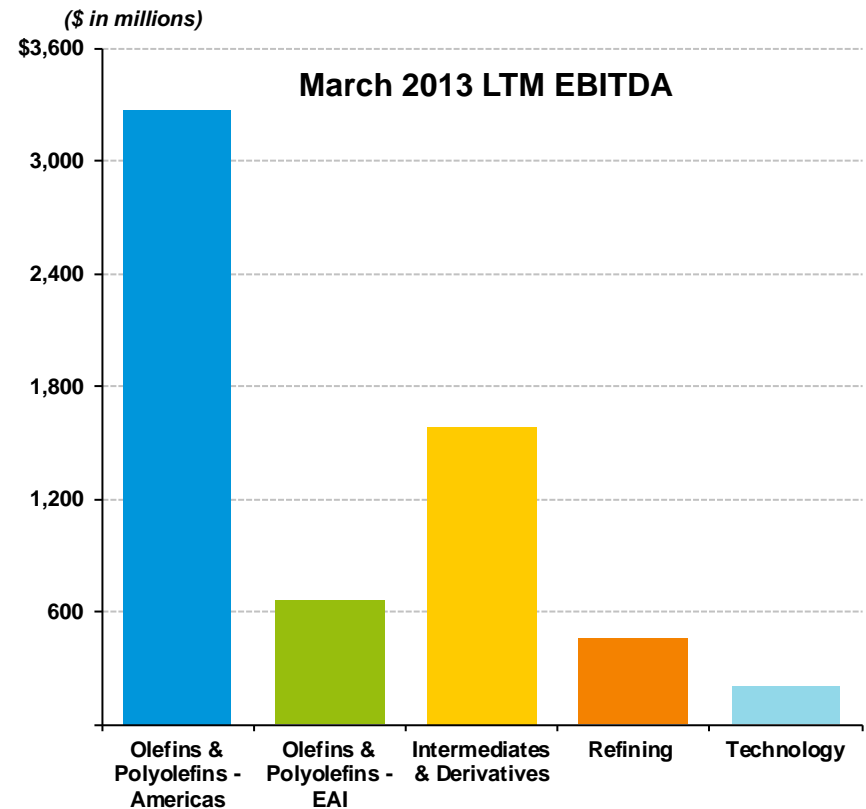
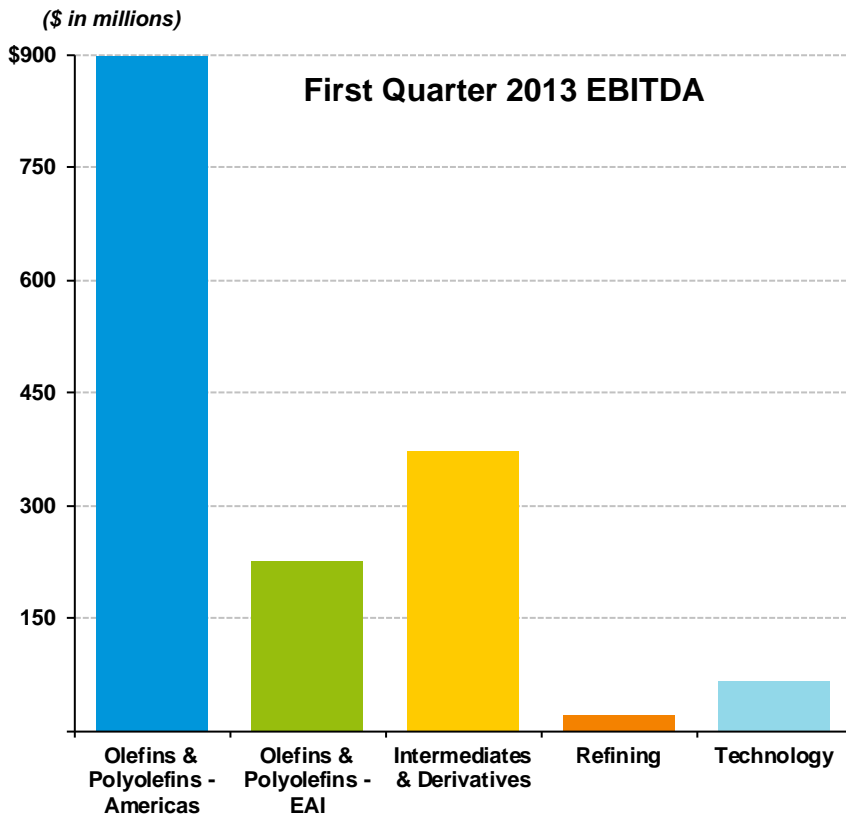
First Quarter 2013 and Last-Twelve-Months (LTM) Segment EBITDA

Q1'13 EBITDA
\$1,585 million

Q1'13 Operating Income
\$1,267 million

LTM March EBITDA
\$6,166 million

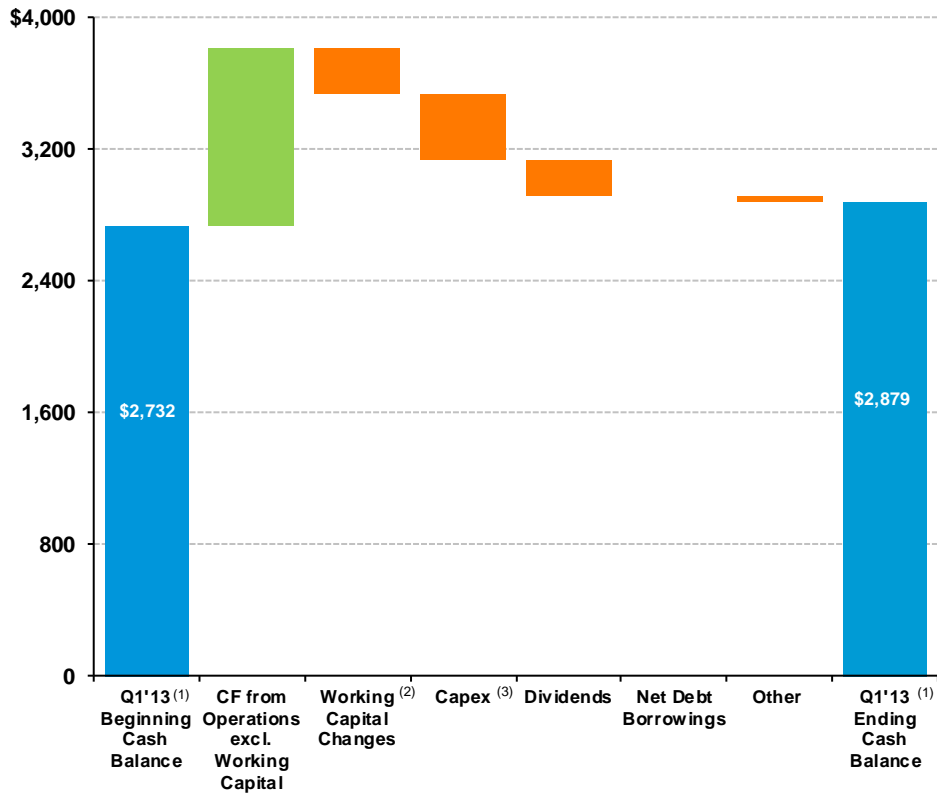
LTM Operating Income
\$5,003 million



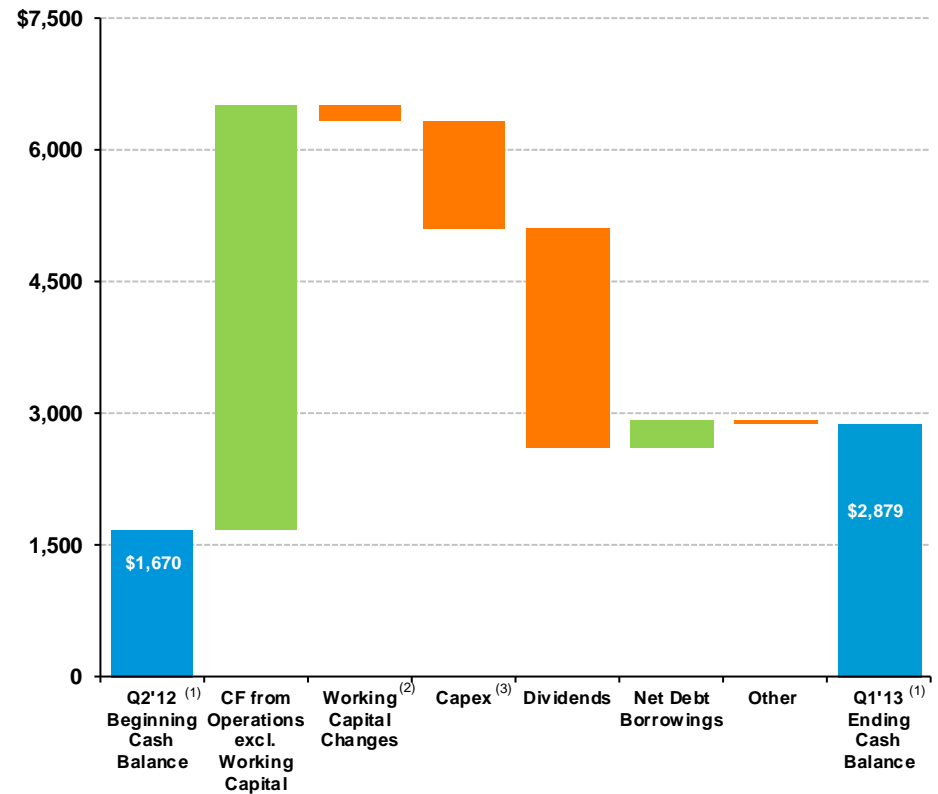
Cash Flow

(\$ in millions)

First Quarter 2013



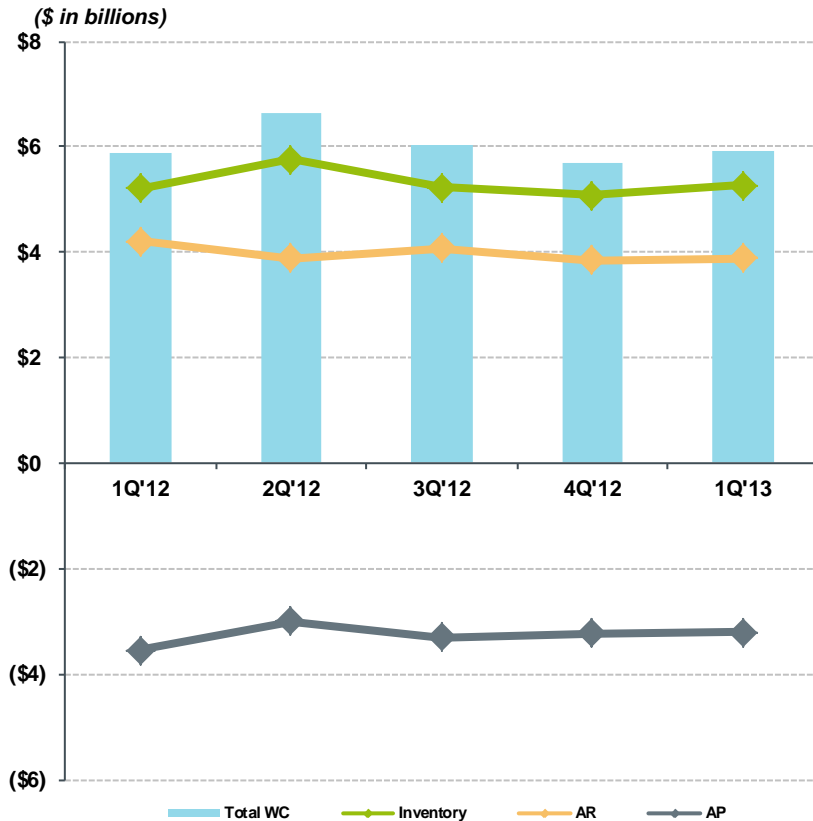
LTM March 2013



1) Beginning and ending cash balances include cash and cash equivalents; 2) Includes accounts receivable, inventories, and accounts payable; 3) Includes capital and maintenance turnaround spending.

Working Capital and Key Financial Statistics

Working Capital⁽¹⁾



Key Statistics

Snapshot at March 31, 2013

LTM FCF: \$3.4 billion

LTM Capex: \$1.2 billion

Cash: \$2.9 billion

Total Debt/LTM EBITDA: 0.7x

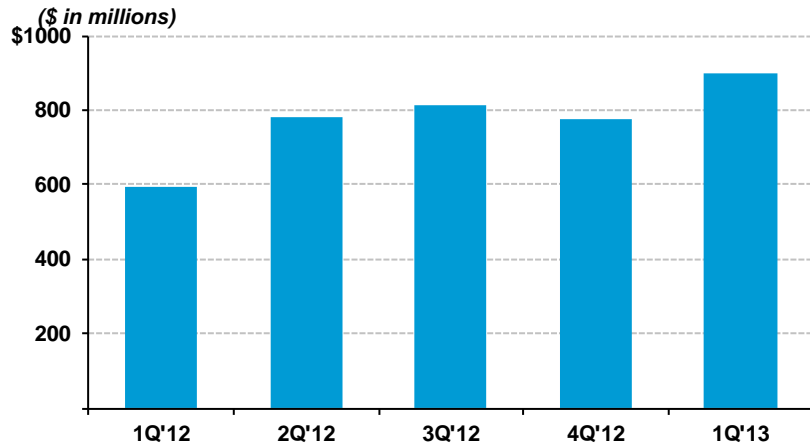
Total Debt/Book Capital: 27%



1) Figures depicted represent end of quarter balances

Olefins & Polyolefins - Americas Highlights and Business Drivers - 1Q'13

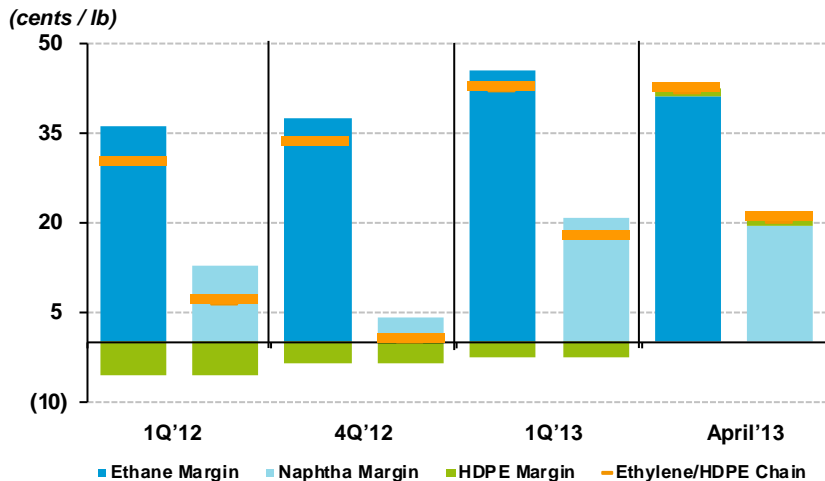
EBITDA⁽¹⁾



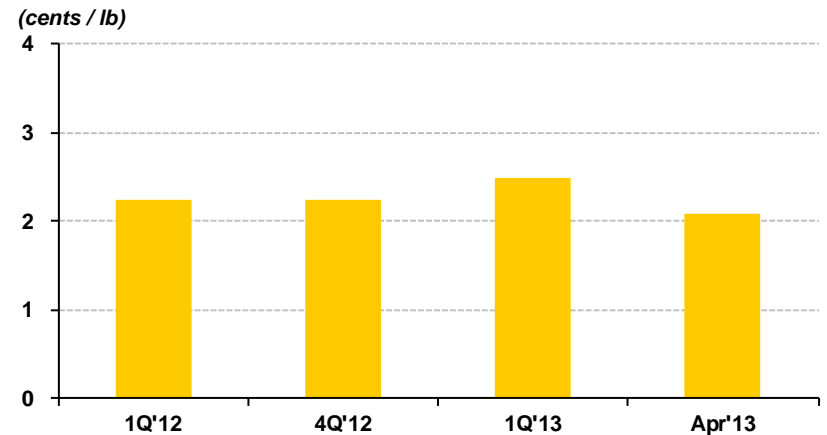
Performance vs. 4Q'12

	EBITDA	Margin	Volume
U.S. Olefins	↑	↑	↔
• Above 100% of nameplate capacity			
• Margins up due to improved co-product prices			
Polyethylene	↑	↑	↓
• Volumes down ~ 3%			
• Spread up 1¢/lb			
Polypropylene (includes <i>Catalloy</i>)	↓	↓	↓
• Volumes down ~ 7%			
• Spread down 3¢/lb			

Ethylene Chain Margins⁽²⁾

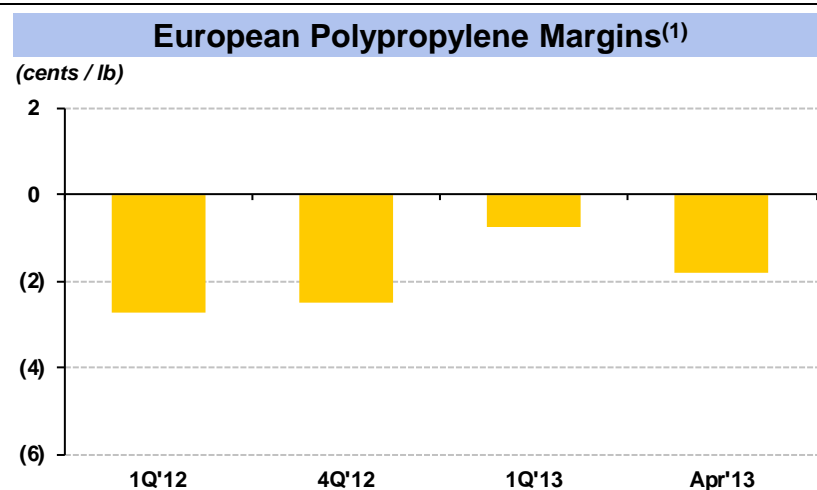
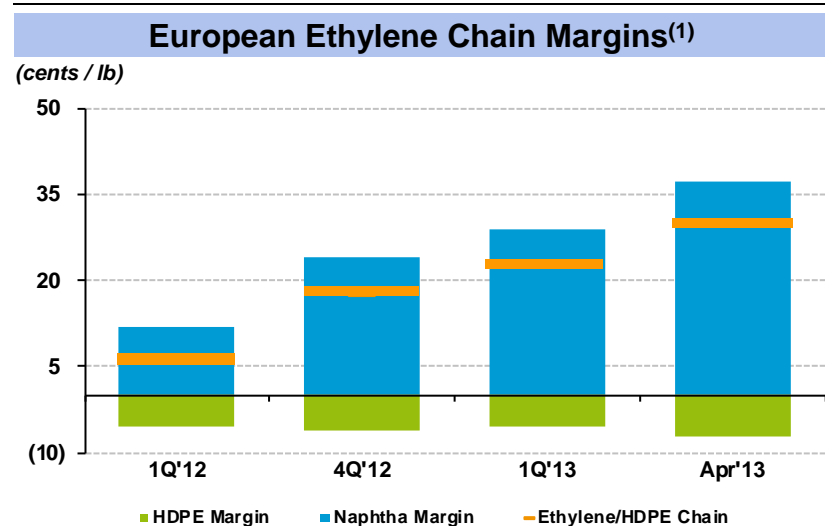
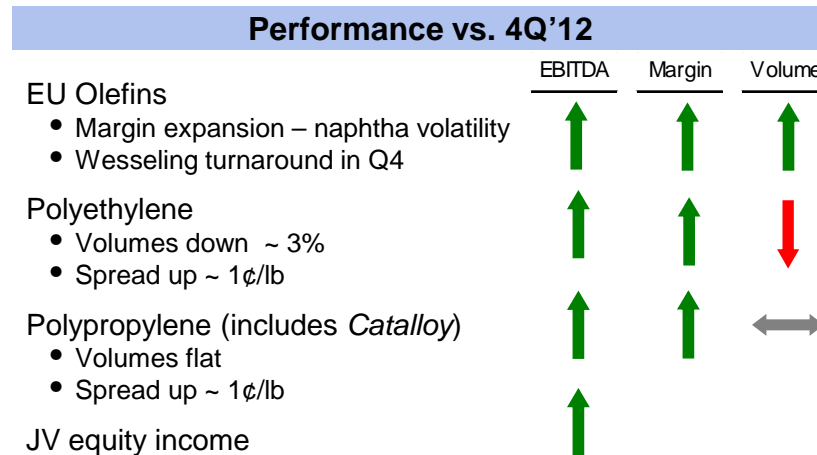
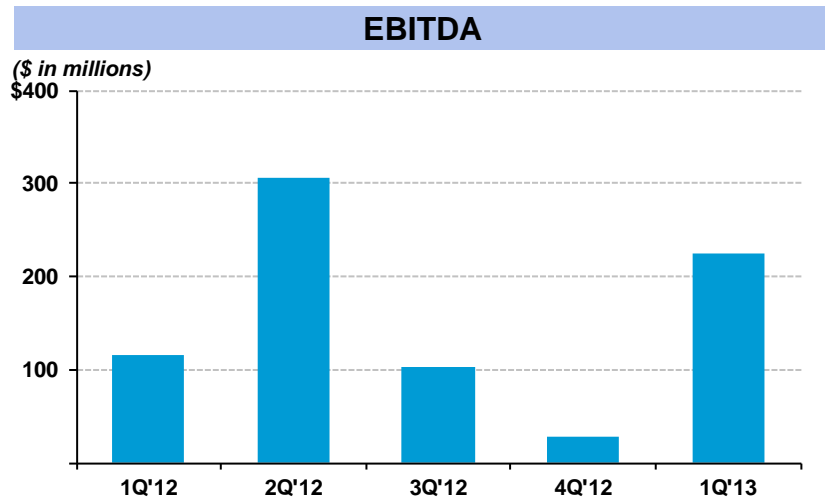


Polypropylene Margins⁽²⁾



1) EBITDA includes a lower of cost or market adjustment of \$71 million in the second quarter 2012 which was reversed in the third quarter 2012, due to a recovery in market prices; 2) Source: data from third party consultant.

Olefins & Polyolefins - Europe, Asia, International Highlights and Business Drivers - 1Q'13



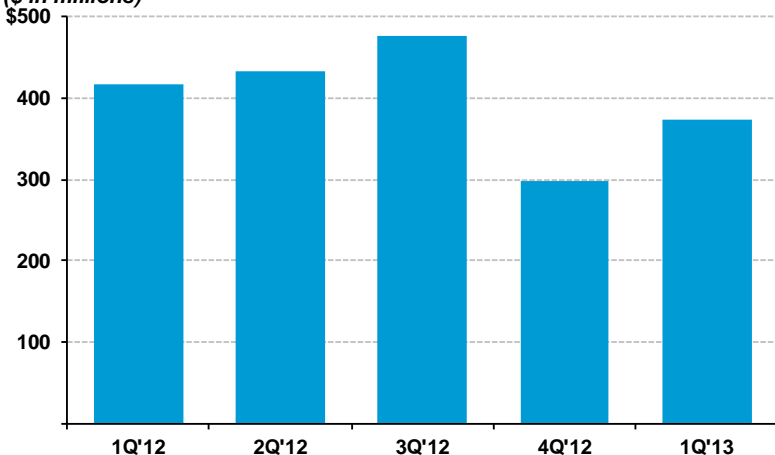
1) Source: data from third party consultant.

Intermediates & Derivatives

Highlights and Business Drivers - 1Q'13

EBITDA

(\$ in millions)

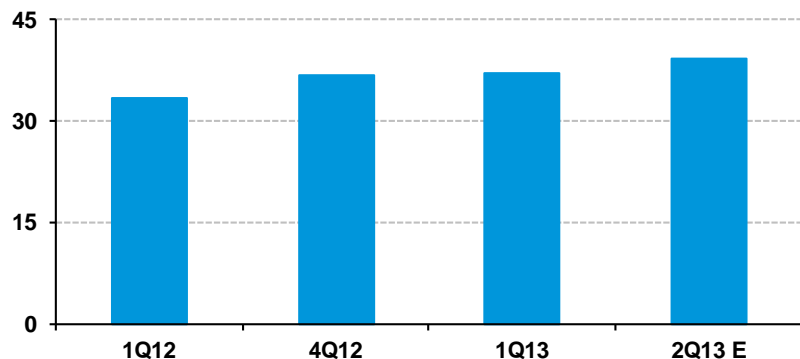


Performance vs. 4Q'12

	EBITDA	Margin	Volume
Propylene Oxide and Derivatives	↑	↓	↑
• Underlying steady results			
Intermediates	↑	↑	↓
• Improved C4 chemicals and styrene margins			
Oxyfuels	↑	↑	↓
• Increased raw material margins			

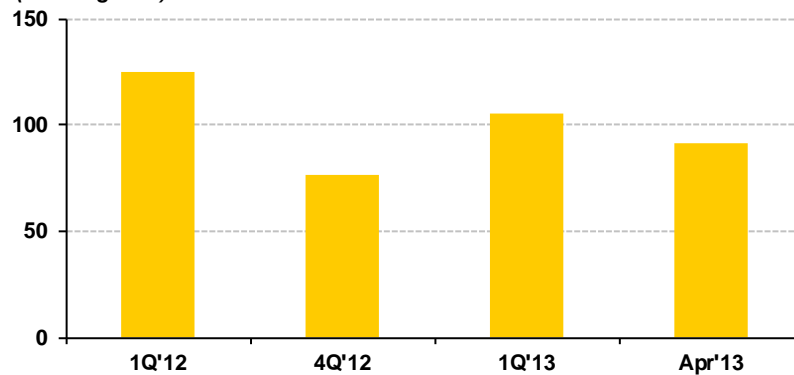
P-Glycol Raw Material Margins (per Chemdata)

(cents / lb)



EU MTBE Raw Material Margins (per Platts)

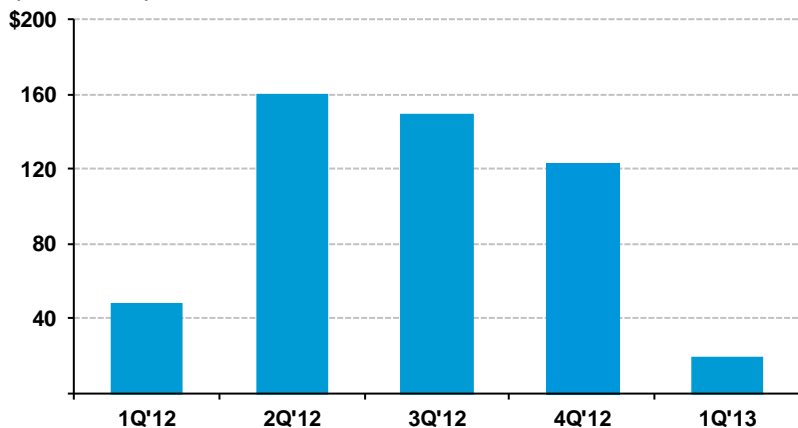
(cents / gallon)



Refining Highlights and Business Drivers - 1Q'13

EBITDA

(\$ in millions)



Performance vs. 4Q'12

Houston Refinery

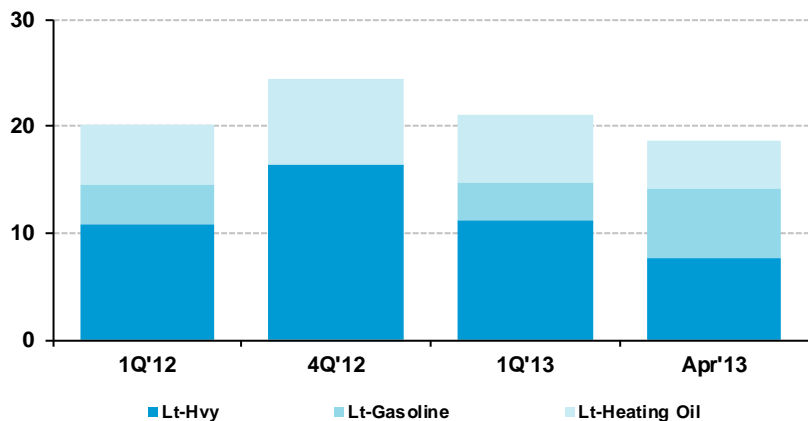
- Q1 planned turnaround
- Crude throughput: 173 MBPD
- Maya 2-1-1: \$20.97 bbl

EBITDA Margin Volume



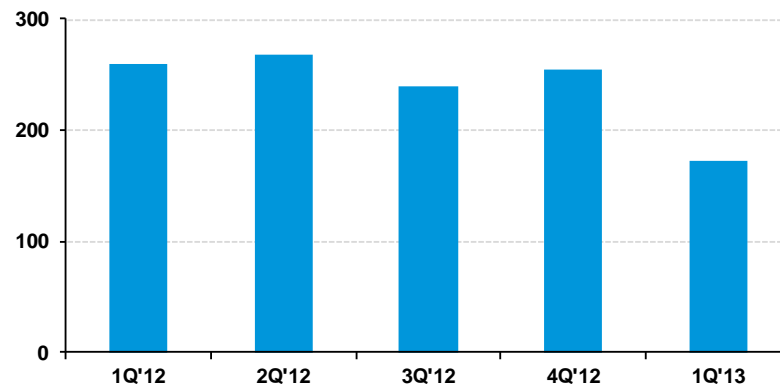
Refining Spreads (per Platts)⁽¹⁾

(\$ / bbl)



HRO Throughput

(MBPD)



1) Light Louisiana Sweet (LLS) is the referenced light crude.

First-Quarter Summary and Outlook

First-Quarter Summary

- **Record U.S. olefins results**
 - Continued U.S. NGL advantage
- **Europe olefins and polyolefins margins expansion from feedstock volatility; continued profitability in differentiated products**
- **Steady Intermediates and Derivatives segment results**
- **Houston refinery throughput constrained due to planned turnaround**
- **Began construction of La Porte ethylene expansion and Channelview methanol restart projects**

Near-Term Outlook

- **No planned U.S. olefins maintenance in the second quarter**
- **Intermediates and Derivatives remain steady**
- **Houston refinery back to normal operating rates**
- **Projects are progressing as scheduled**