



# Fourth-Quarter 2011 Earnings

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February 10, 2012

lyondellbasell  
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# Information Related to Financial Measures

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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 May 1, 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 (on or after May 1, 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 and minus restricted cash.

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.

# Cautionary Statement

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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](http://www.lyondellbasell.com) on the Investor Relations page and on the Securities and Exchange Commission’s website at [www.sec.gov](http://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.

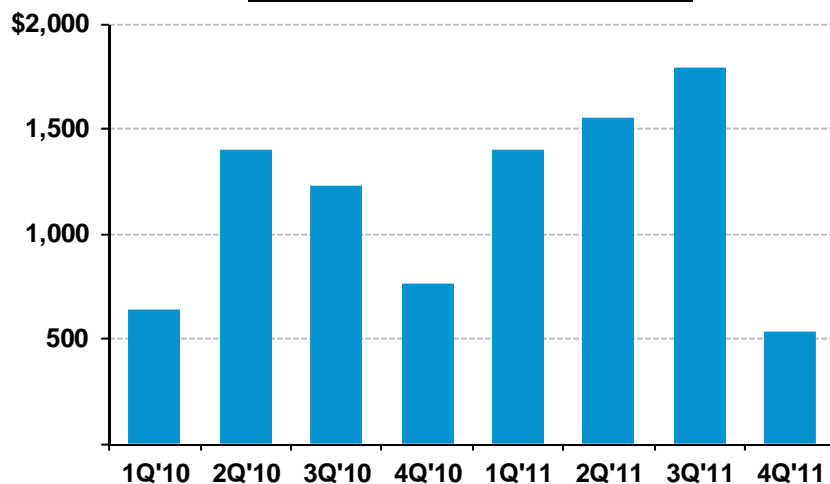
# Highlights

(\$ in millions, except per share data)	4Q'11	3Q'11	4Q'10	FY 2011	FY 2010
EBITDA <sup>(1)(2)</sup>	\$536	\$1,788	\$762	\$5,279	\$4,035
Net Income / (Loss)	(\$218)	\$895	\$766	\$2,140	\$10,084
Diluted Earnings (\$ / share)	(\$0.38)	\$1.51	\$1.34	\$3.74	NA
Net Debt / LTM EBITDA <sup>(1)(2)</sup>	0.6x	(0.0x)	0.5x	0.6x	0.5x

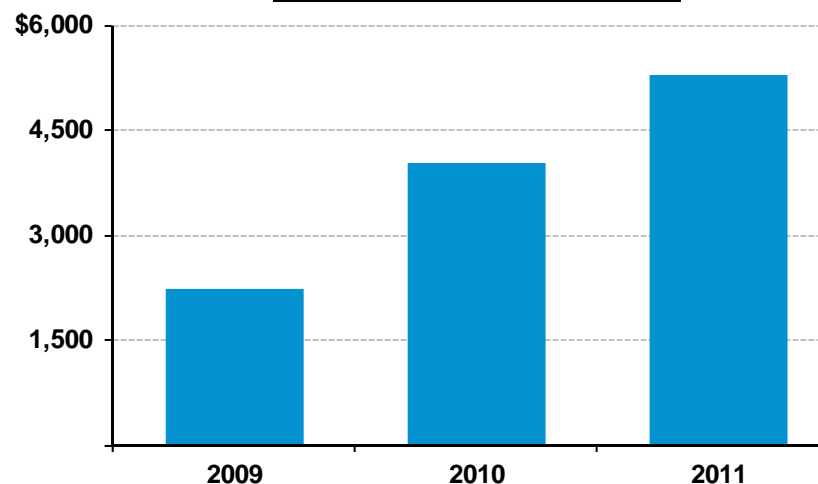
**Annual EBITDA increase of 31% from FY 2010<sup>(1)(2)</sup>**

(\$ in millions)

**EBITDA<sup>(1)(2)</sup> 1Q'10 - 4Q'11**



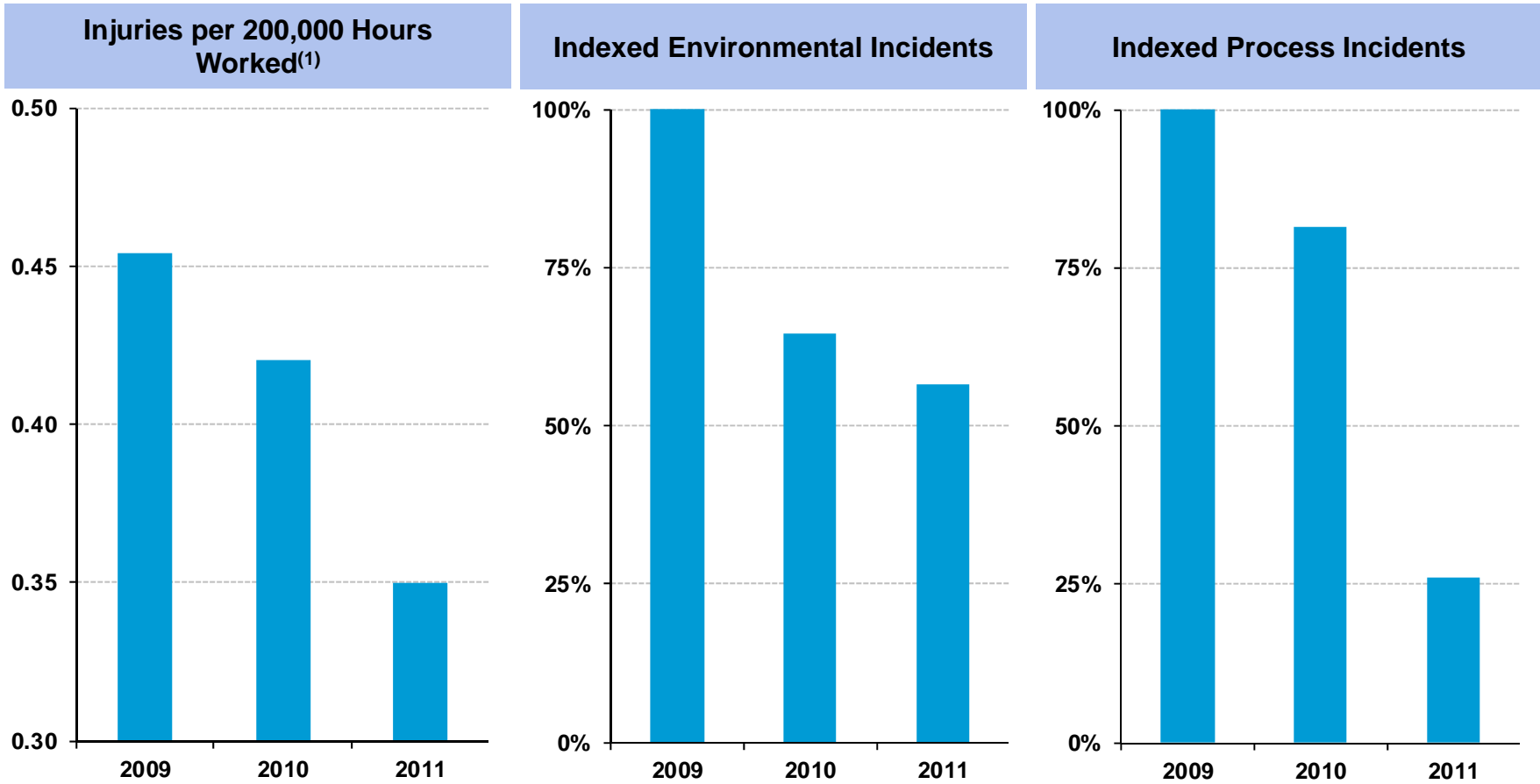
**EBITDA<sup>(1)(2)</sup> 2009 - 2011**



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. All EBITDA figures include joint venture dividends.

2) 2Q'10, 3Q'10 and 4Q'10 EBITDA figures exclude LCM inventory charges / (gains) of \$333 million, \$32 million and \$(323) million, respectively. FY 2010 EBITDA figure excludes LCM inventory charge of \$42 million.

# Health, Safety and Environmental Performance



- 2011 was a record year for health, safety and environmental performance

1) Includes employees and contractors.

# 2011 Accomplishments

Overall	Finance and Legal	Manufacturing	Commercial
<ul style="list-style-type: none"> <li>Expanded number of Independent Supervisory Board members</li> <li>10% total return vs. 2% for S&amp;P 500<sup>(1)</sup></li> <li>Outstanding HSE record</li> <li>Record financial results</li> <li>Normalized fixed costs managed flat from 2009</li> </ul>	<ul style="list-style-type: none"> <li>Capital restructuring</li> <li>\$2.9 billion cash generated from operations</li> <li>\$2.1 billion debt reduction</li> <li>Paid \$2.9 billion in dividends</li> <li>Received \$206 million in JV dividends</li> </ul>	<ul style="list-style-type: none"> <li>Increased U.S. ethane feedstock capabilities by ~5%</li> <li>Production volume records set at over 30 sites</li> <li>Three key maintenance turnarounds completed</li> <li>Capital spending increased to \$1 billion with small high return projects</li> <li>Expanded crude mix at Houston refinery</li> <li>Improved Houston refinery crude throughput</li> </ul>	<ul style="list-style-type: none"> <li>Defined North American olefins expansion and feed flexibility plans</li> <li>Advanced China PO JV plans</li> <li>Initiated methanol plant restart efforts</li> <li>Houston refinery crude purchasing successes</li> <li>Initiated European organization restructuring</li> </ul>

(\$ in millions)

Segment EBITDA	2011 EBITDA	Y-o-Y Growth <sup>(2)</sup>	Y-o-Y Growth, %
Olefins & Polyolefins - Americas	\$2,142	\$423	25%
Olefins & Polyolefins - EAI	931	113	14%
Intermediates & Derivatives	1,054	195	23%
Refining & Oxyfuels	972	520	115%
Technology	214	2	1%

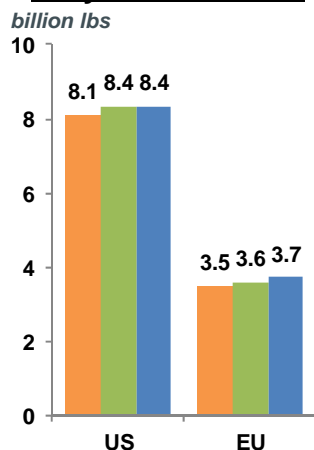
**Significant progress made across the company**

1) Based on CapIQ dividend adjusted closing prices. Assumes dividend reinvestment.  
 2) 2010 EBITDA figures excludes LCM inventory adjustments.

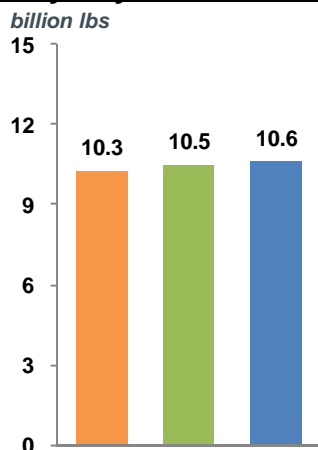


# Key Volumes and Margins: 2009 - 2011

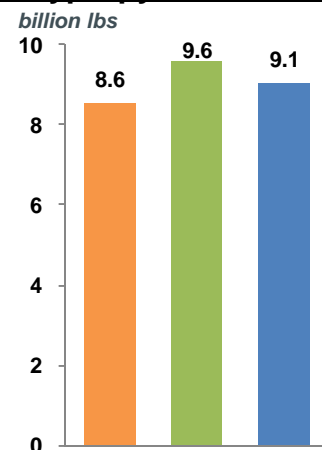
### Ethylene Volumes



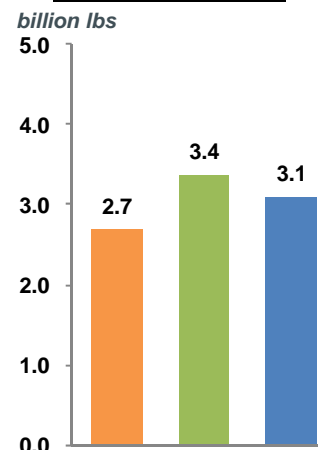
### Polyethylene Volumes



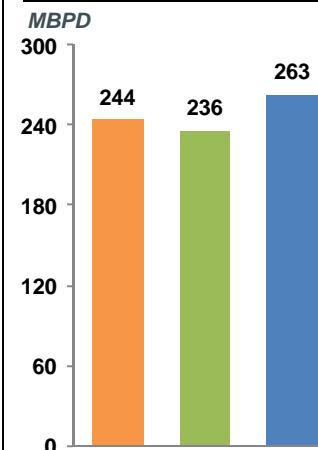
### Polypropylene Volumes



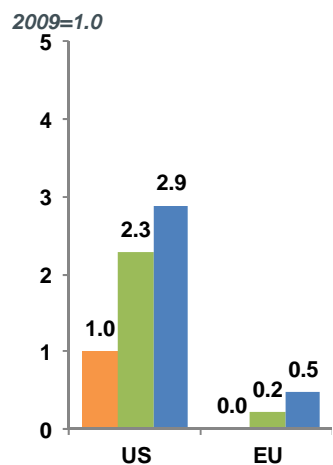
### PO&D Volumes



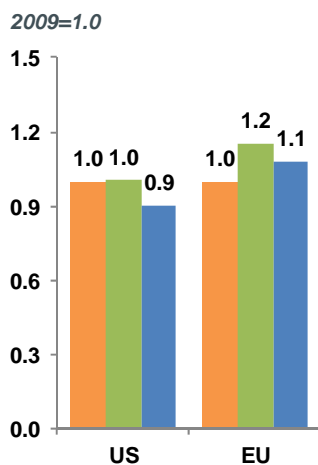
### HRO Crude Oil Rates



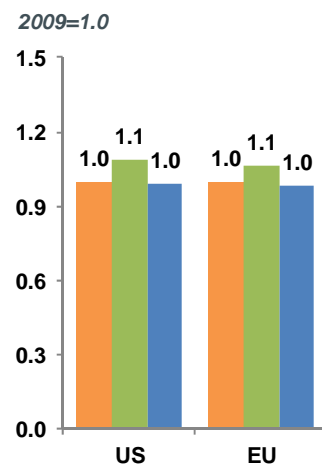
### Ethylene Cash Margins<sup>(1)</sup>



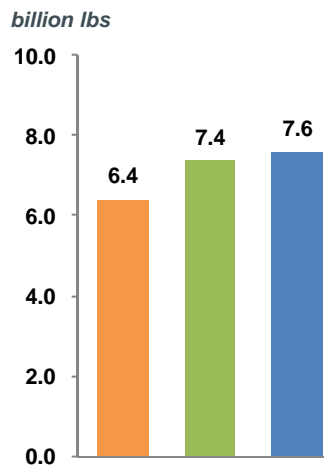
### Polyethylene Spreads



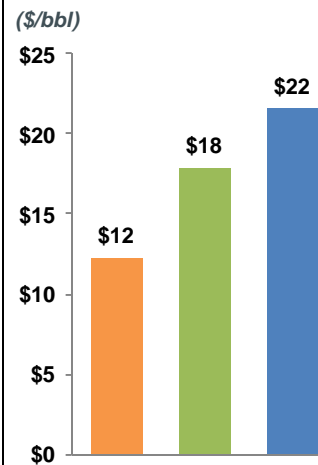
### Polypropylene Spreads



### Intermediates Volumes



### Maya 2-1-1 Spreads



1) EU ethylene cash margins normalized to 2009 US margins.

2009 2010 2011

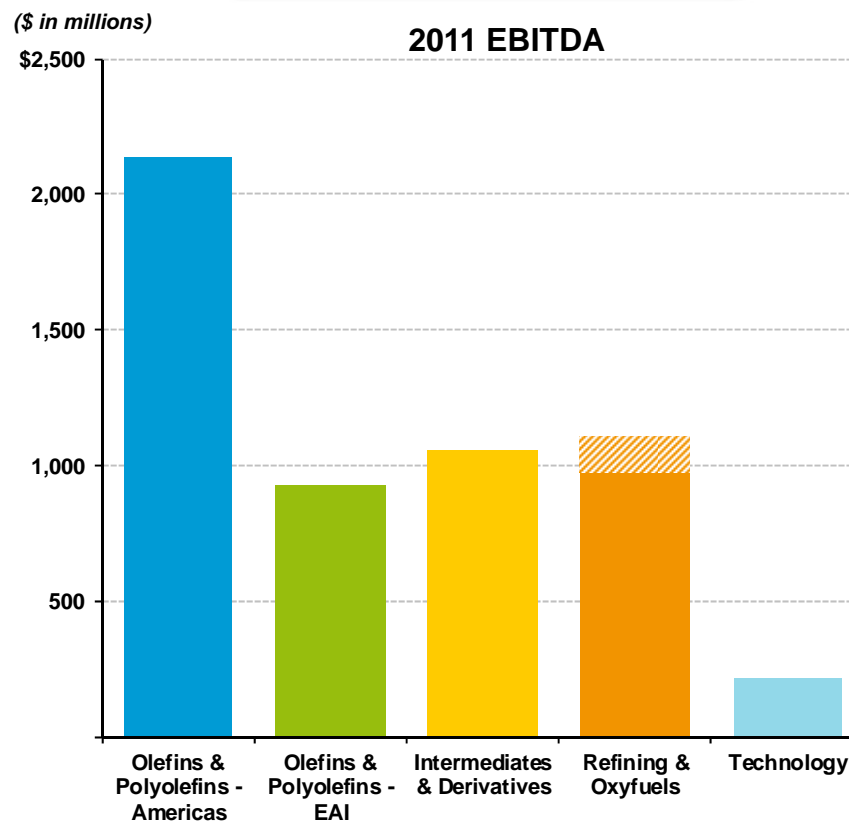
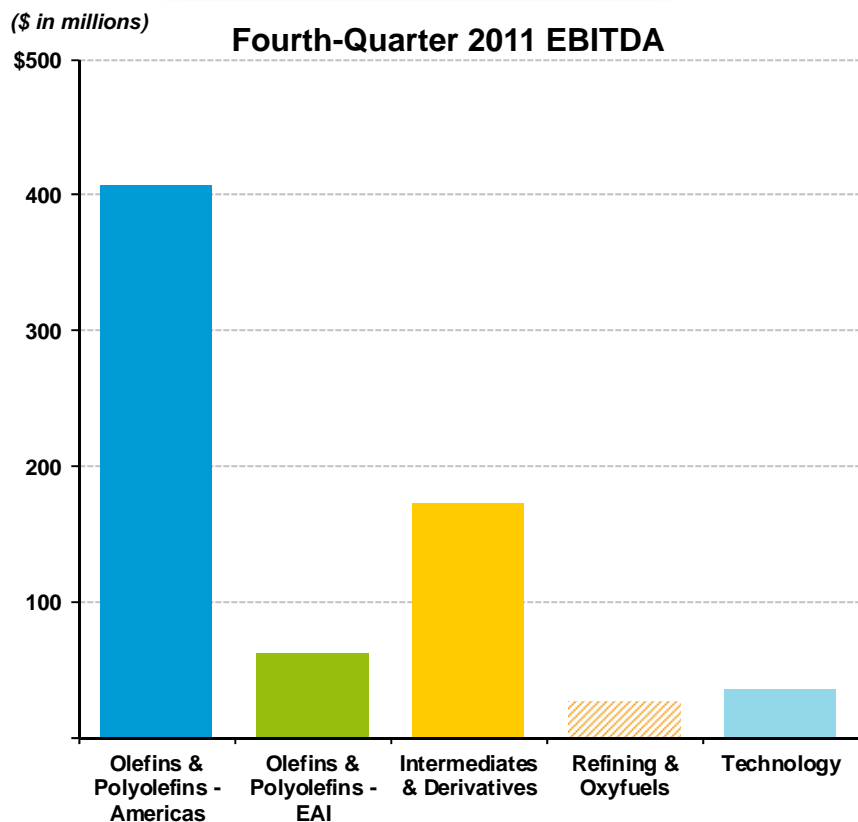
# 4Q'11 and 2011 Segment EBITDA

**4Q'11 EBITDA**  
\$536 million

**4Q'11 Operating Income**  
\$201 million

**2011 EBITDA**  
\$5,279 million

**2011 Operating Income**  
\$3,998 million



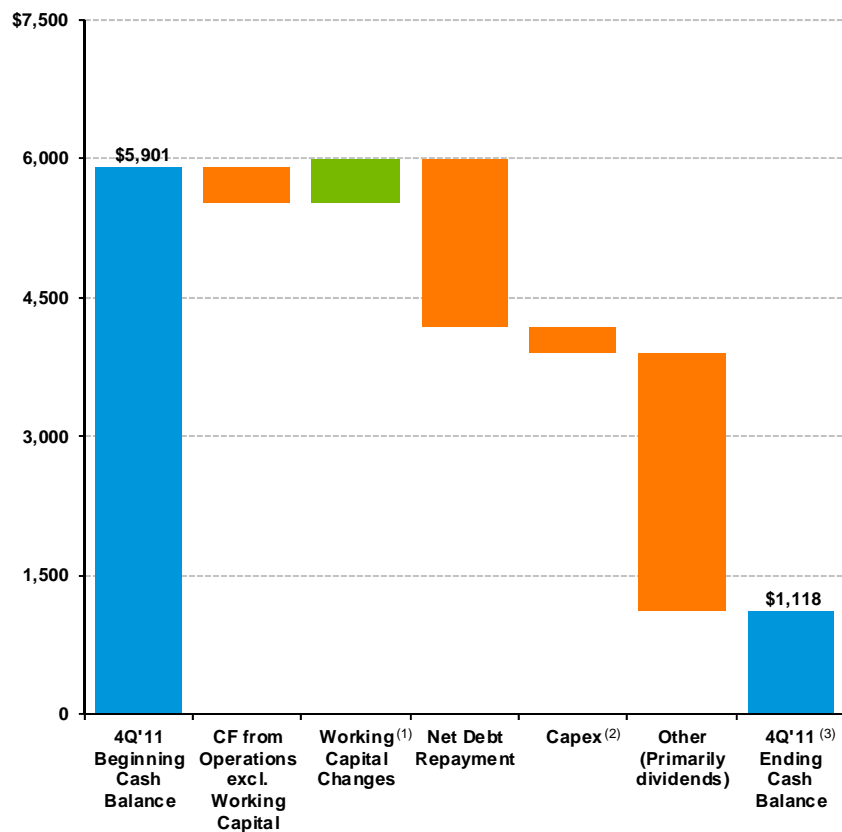
Note: Shaded area for Refining & Oxyfuels represents EBITDA pro forma for \$136 million Berre charge add back.



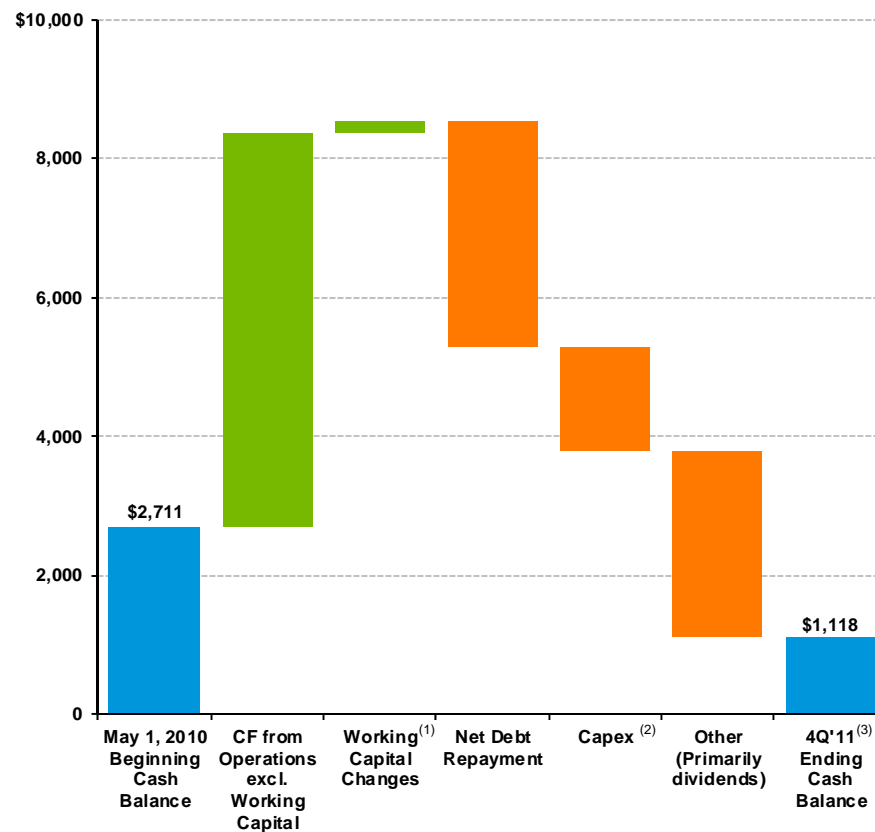
# Cash Flow

(\$ in millions)

## Fourth-Quarter 2011



## Since Emergence (May 1, 2010)



1) Includes inventories, accounts payable and accounts receivable.

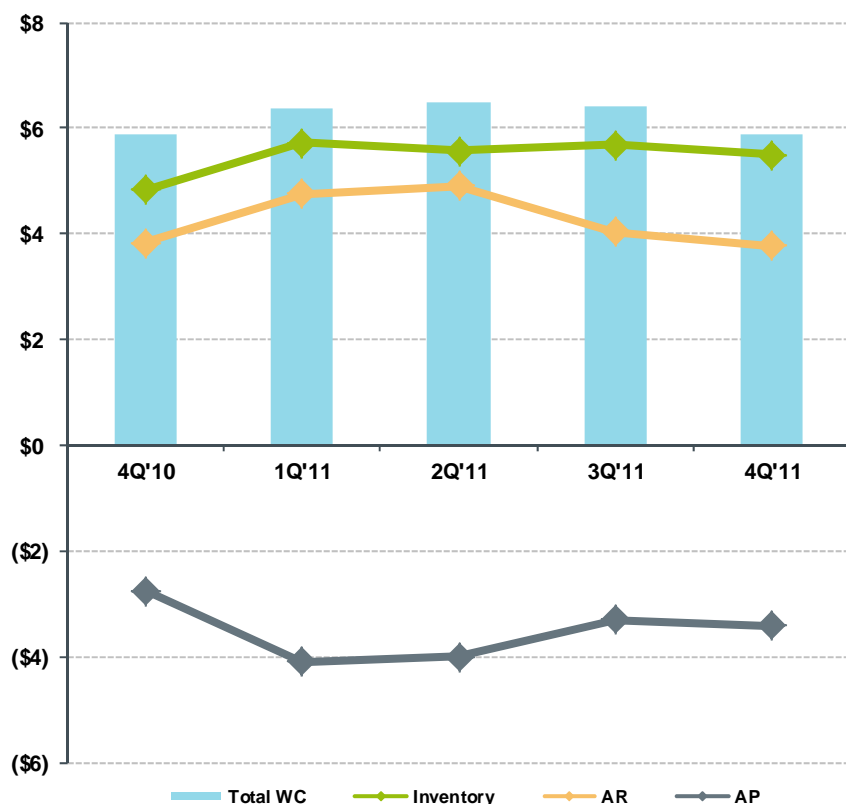
2) Includes capital and maintenance turnaround spending.

3) 4Q '11 beginning and ending cash balance includes cash, cash equivalents and restricted cash.

# Working Capital and Liquidity

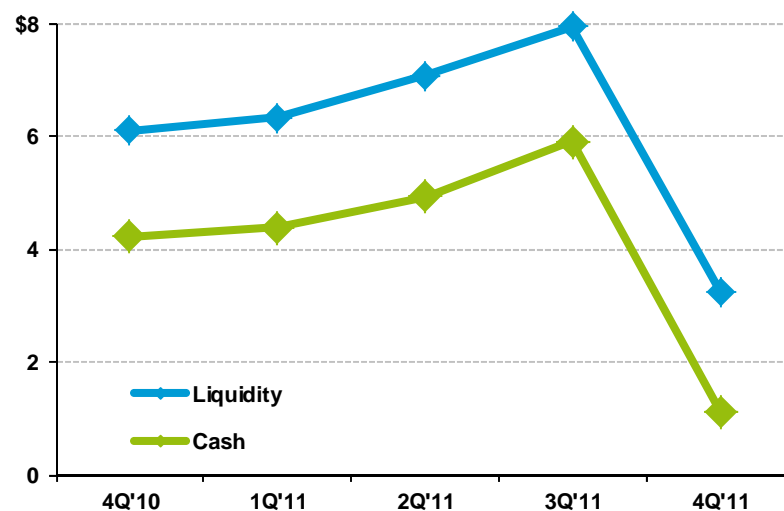
## Working Capital<sup>(1)</sup>

(\$ in billions)



## Liquidity and Cash Balance

(\$ in billions)



### Snapshot at December 31, 2011

**Liquidity: \$3.2 billion**

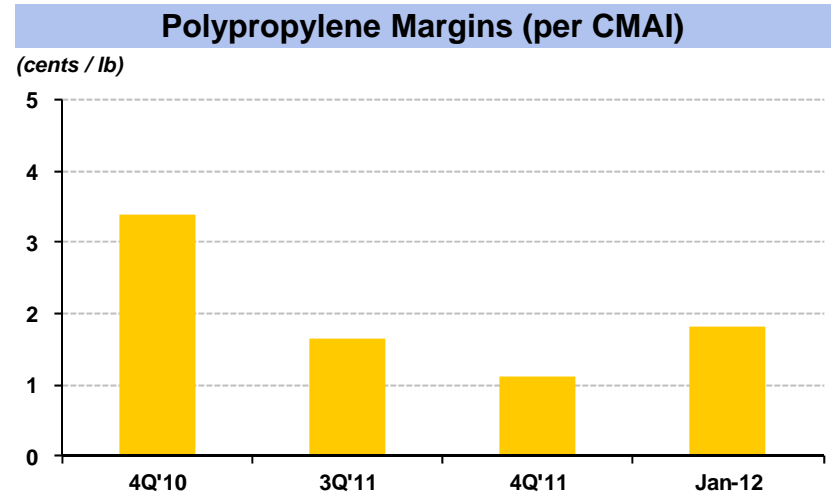
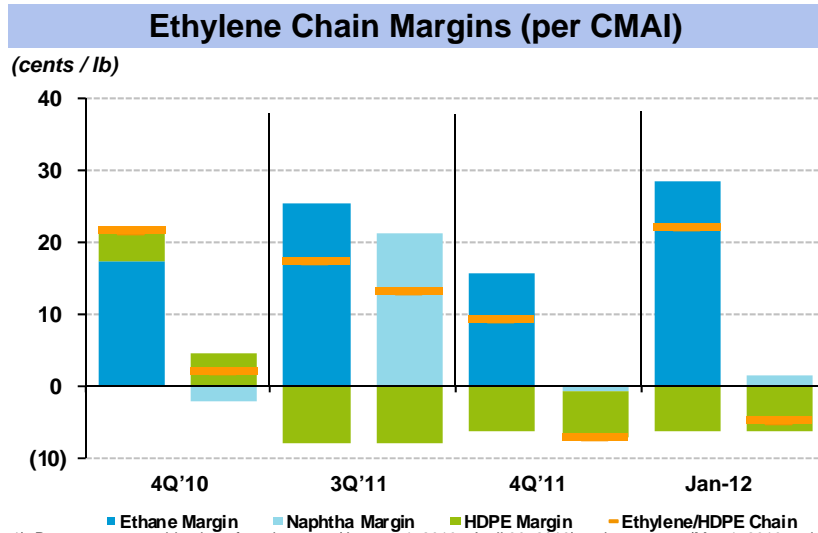
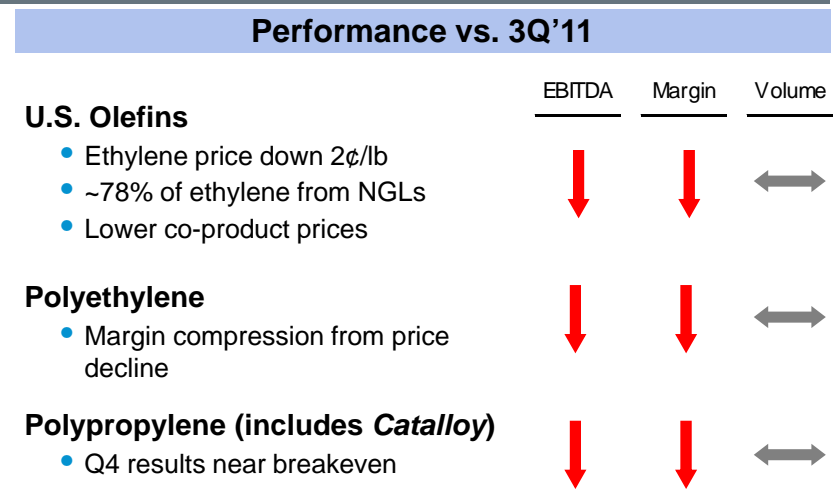
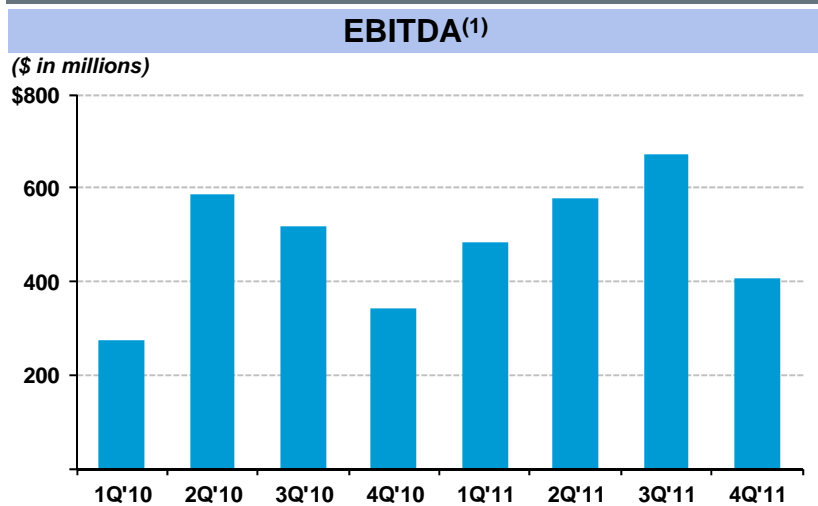
**Net Debt: \$2.9 billion**

**Cash: \$1.1 billion**

1) Figures depicted represent end of quarter balances.

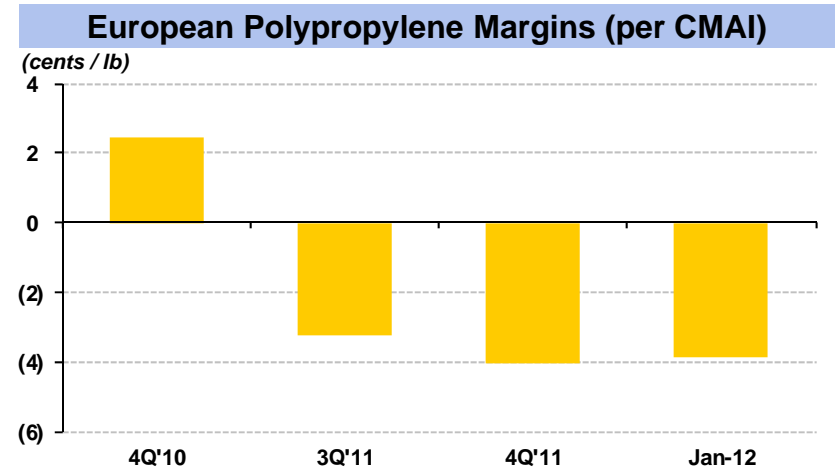
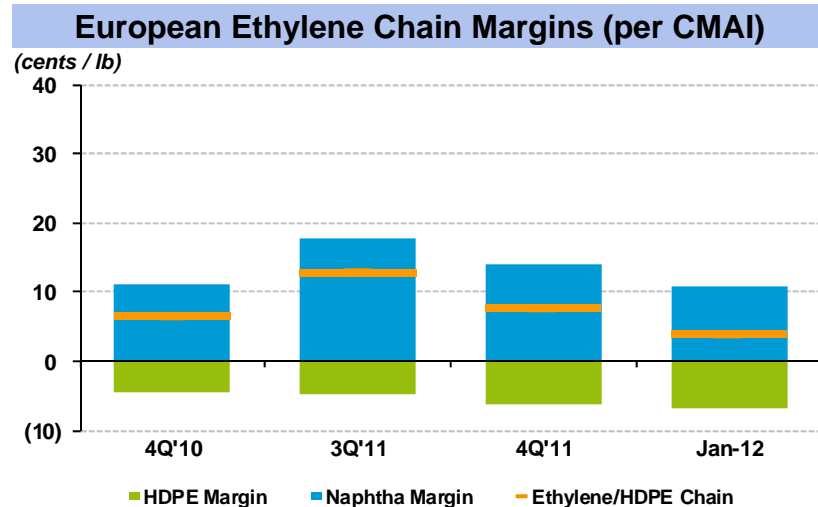
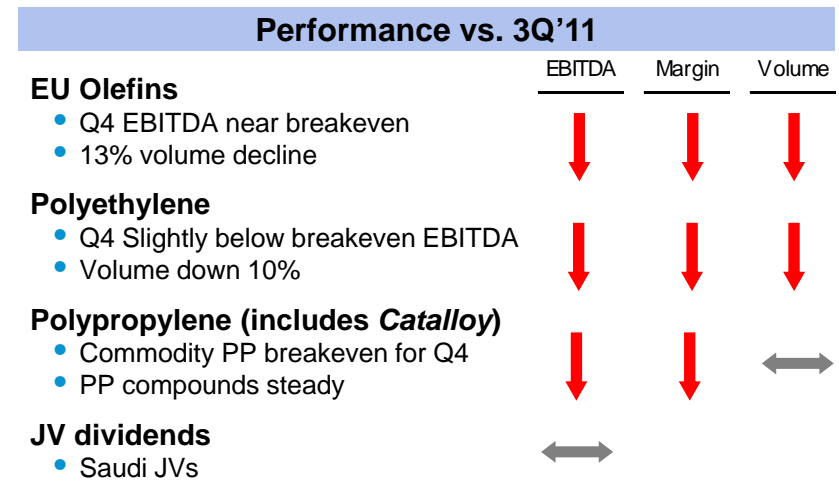
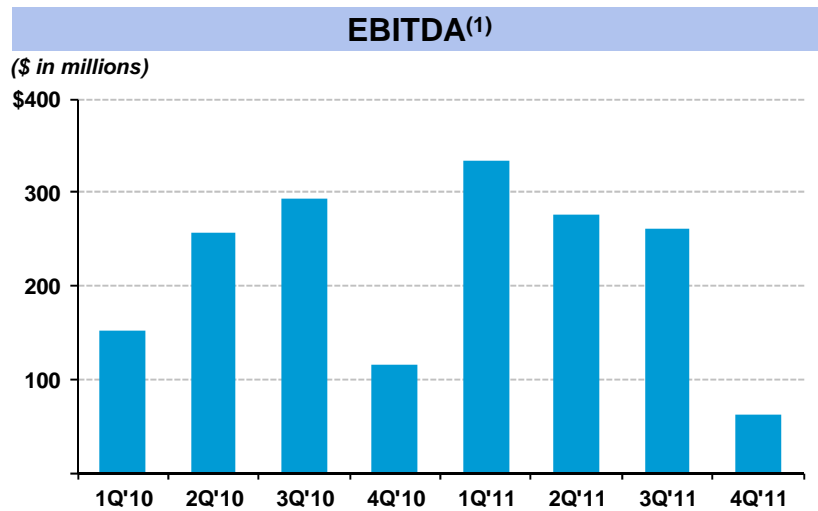
# Olefins & Polyolefins - Americas

## Highlights and Business Drivers - 4Q'11



<sup>1)</sup> 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 / (gains) of \$171 million, \$26 million and \$(163) million are excluded from 2Q'10, 3Q'10 and 4Q'10 EBITDA figures, respectively.

# Olefins & Polyolefins - Europe, Asia, International Highlights and Business Drivers - 4Q'11

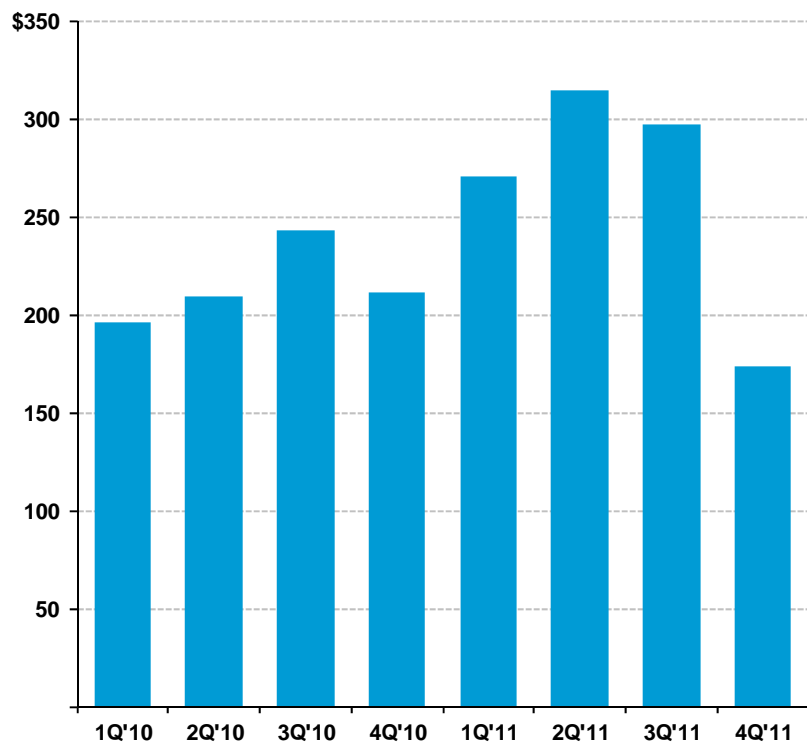


1) Represents a combination of predecessor (January 1, 2010 - April 30, 2010) and successor (May 1, 2010 and thereafter) periods. For periods prior to May 1, 2010, EBITDA is calculated on a current cost inventory basis. For periods beginning on May 1, 2010, and thereafter, EBITDA is calculated using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

# Intermediates & Derivatives Highlights and Business Drivers - 4Q'11

## EBITDA<sup>(1)</sup>

(\$ in millions)



## Performance vs. 3Q'11

### Propylene Oxide and Derivatives

- PO and BDO turnaround
- Poor deicer volumes
- Year-end slowdown

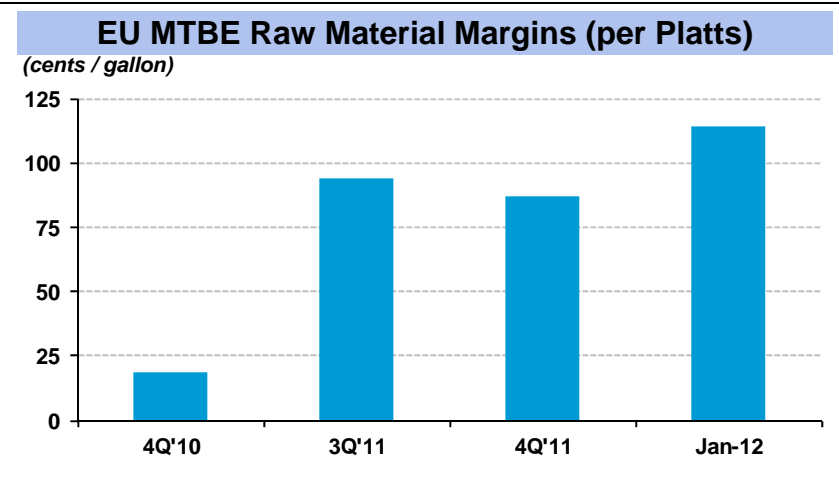
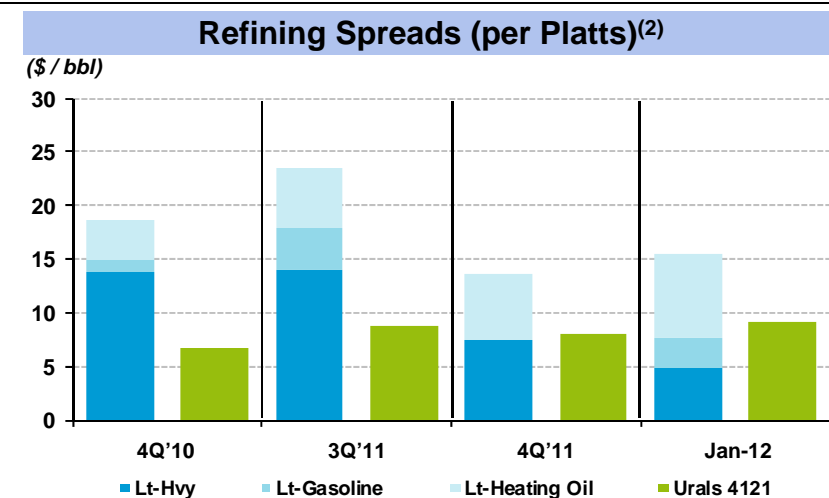
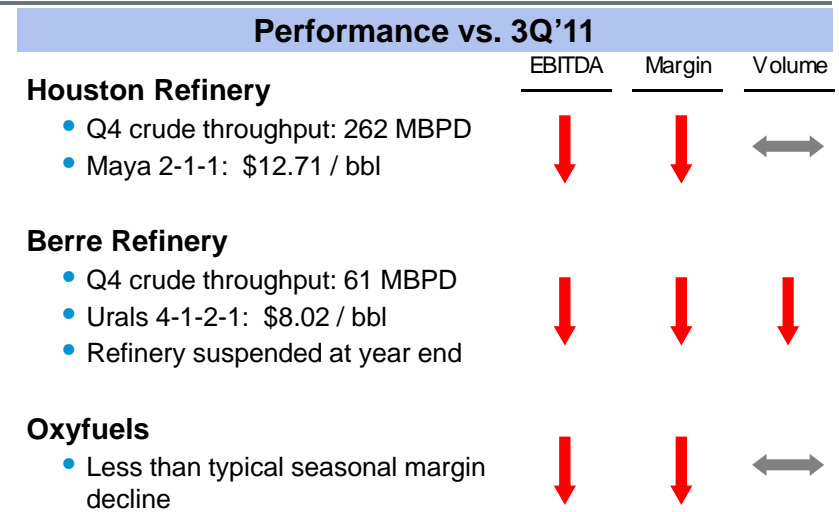
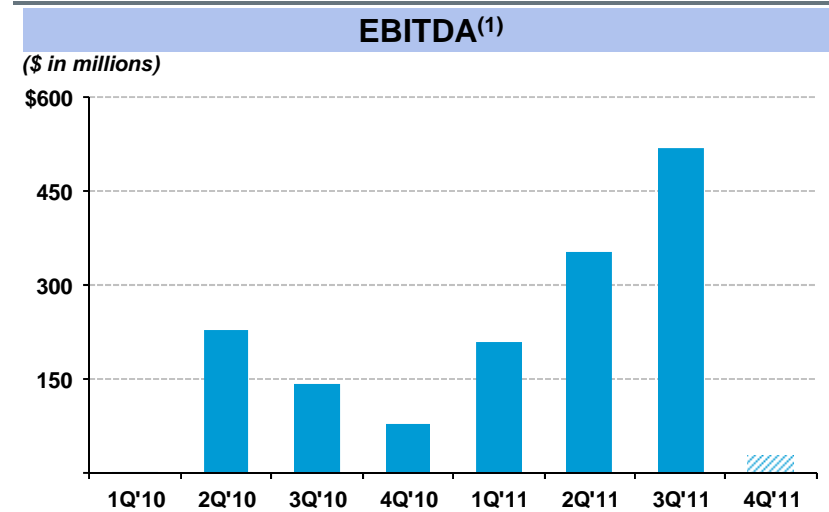
### Intermediates

- Acetyl turnaround
- Lower ethylene glycol and acetyl prices

	EBITDA	Margin	Volume
Propylene Oxide and Derivatives	↓	↓	↓
Intermediates	↓	↓	↓

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 / (gains) of \$25 million and \$(17) million are excluded for 2Q'10 and 4Q'10, respectively.

# Refining & Oxyfuels Highlights and Business Drivers - 4Q'11



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 \$132 million, \$1 million and \$(133) million are excluded from 2Q'10, 3Q'10 and 4Q'10 EBITDA figures, respectively.

2) Light Louisiana Sweet (LLS) is the referenced light crude. Shaded area in Q4 represents EBITDA pro forma for \$136 million Berre charge add back.

# Fourth-Quarter Summary and Outlook

## Fourth-Quarter Summary

- **Business declines driven by:**
  - Lower refinery spreads
  - Ethylene co-product price declines
  - Seasonal effects
  - I&D turnarounds
- **Minimal EBITDA generated in:**
  - North American polyolefins
  - EAI olefins and commodity polyolefins
  - Houston refinery
- **Completed debt restructuring**
  - Q4 includes debt repayment premiums
  - Reduced outstanding debt
  - Relieved bond covenants
- **Dividends**
  - Regular dividend increased to \$0.25/share
  - Paid \$4.50/share special dividend

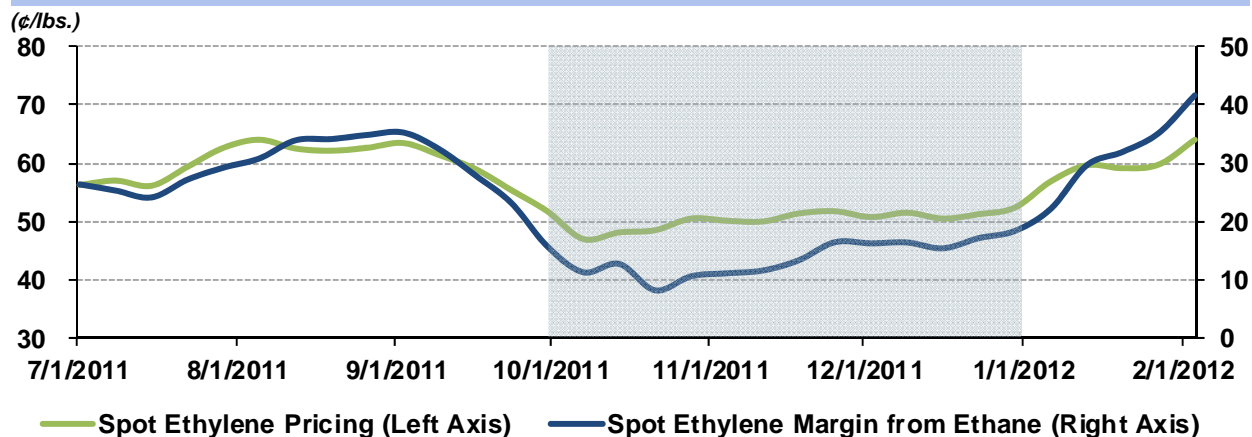
## Near-term Outlook

- **Margin improvement in N.A. olefins and Houston refinery**
- **Benefit from declining ethane and natural gas costs, increasing co-product values**
- **Positive momentum building in many products:**
  - Polyethylene price (December increase)
  - Ethylene and propylene
  - Co-products: butadiene, benzene
  - Maya 2-1-1
- **European olefins chain remains difficult**
- **Benefit from reduced interest expense**

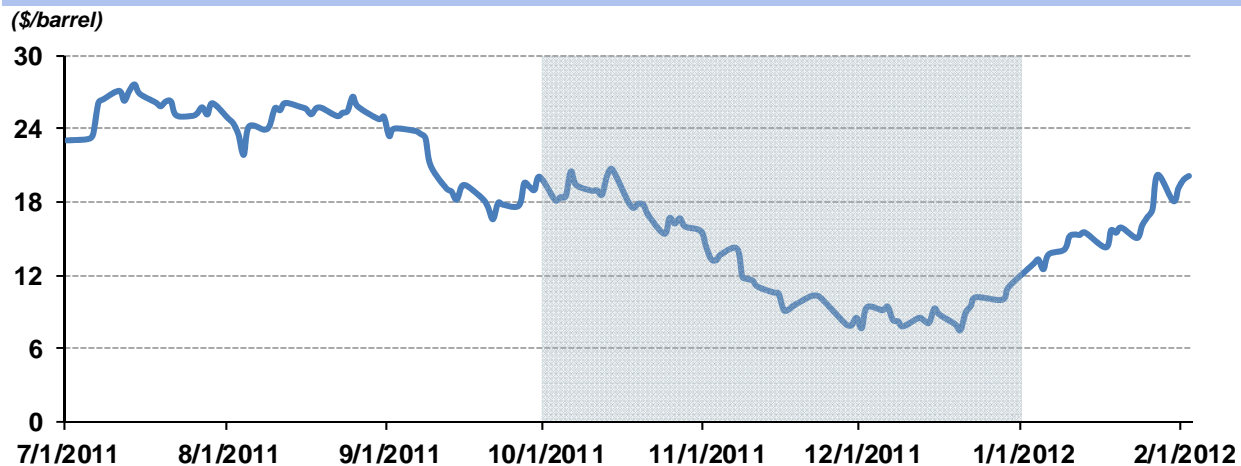


# Price Increases Benefiting Certain Businesses

## U.S. Gulf Coast Spot Ethylene Pricing and Margin



## Maya 2-1-1 Crack Spread



Sources: CMAI and Platts.

## Recent Price Movements

### North America

Contract Propylene	
Jan	Feb
-	+16.5 ¢/lb

Contract Butadiene	
Jan	Feb
+7 ¢/lb	+14 ¢/lb

Contract Benzene	
Jan	Feb
+70 ¢/gal	+50 ¢/gal

Contract PE	
Dec	Feb
+5 ¢/lb	+6 ¢/lb (nominated)

### Europe

Contract Ethylene	
Jan	Feb
+40 €/ton	+99 €/ton

Contract Propylene	
Jan	Feb
+20 €/ton	+90 €/ton

Contract Butadiene	
Jan	Feb
+50 €/ton	+235 €/ton