LyondellBasell Industries N.V.
Form 10-Q
July 27, 2012
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## UNITED STATES

# SECURITIES AND EXCHANGE COMMISSION 

Washington, D.C. 20549

Form 10-Q
(Mark One)
[X] QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the quarterly period ended June 30, 2012
or
[ ] TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 For the transition period from to

Commission file number: 001-34726

## LYONDELLBASELL INDUSTRIES N.V.

(Exact name of registrant as specified in its charter)

| The Netherlands |
| :---: |
| (State or other jurisdiction of incorporation or organization) |
| Stationsplein 45 |

$\mathbf{3 0 1 3}$ AK Rotterdam
The Netherlands
(I.R.S. Employer Identification No.)
(Address of principal executive offices)
$\mathbf{3 1 1 0 ~} \mathbf{2 7 5} 5500$

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes [x] No [ ]

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Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes [x] No [ ]

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act.

Large accelerated filer [ x ] Accelerated filer [ ] Non-accelerated filer [ ] Smaller reporting company [ ]
Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes [ ] No [x]
Indicate by check mark whether the registrant has filed all documents and reports required to be filed by Sections 12,13 or $15(\mathrm{~d})$ of the Securities Exchange Act of 1934 subsequent to the distribution of securities under a plan confirmed by a court. Yes [ x] No [ ]

The registrant had 574,954,832 ordinary shares, 0.04 par value, outstanding at July 24, 2012 (excluding 3,375,353 treasury shares).

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## PART I. FINANCIAL INFORMATION

ITEM 1. CONSOLIDATED FINANCIAL STATEMENTS (UNAUDITED)

## LYONDELLBASELL INDUSTRIES N.V.

## CONSOLIDATED STATEMENTS OF INCOME

| Millions of dollars, except earnings per share | Three Months Ended June 30, |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2011 | 2012 |  | 2011 |
| Sales and other operating revenues: |  |  |  |  |  |  |
| Trade | \$ 11,005 | \$ | 12,997 | \$ 22,452 | \$ | 24,085 |
| Related parties | 243 |  | 309 | 530 |  | 601 |
|  | 11,248 |  | 13,306 | 22,982 |  | 24,686 |
| Operating costs and expenses: |  |  |  |  |  |  |
| Cost of sales | 9,561 |  | 11,704 | 20,093 |  | 21,741 |
| Selling, general and administrative expenses | 201 |  | 236 | 424 |  | 451 |
| Research and development expenses | 37 |  | 56 | 76 |  | 89 |
|  | 9,799 |  | 11,996 | 20,593 |  | 22,281 |
| Operating income | 1,449 |  | 1,310 | 2,389 |  | 2,405 |
| Interest expense | (411) |  | (176) | (510) |  | (339) |
| Interest income | 2 |  | 13 | 6 |  | 20 |
| Other income (expense), net | 8 |  | 47 | 7 |  | (3) |
| Income from continuing operations before equity investments, reorganization items and income taxes | 1,048 |  | 1,194 | 1,892 |  | 2,083 |
| Income from equity investments | 27 |  | 73 | 73 |  | 131 |
| Reorganization items | (1) |  | (28) | 4 |  | (30) |
| Income from continuing operations before income taxes | 1,074 |  | 1,239 | 1,969 |  | 2,184 |
| Provision for income taxes | 306 |  | 388 | 607 |  | 651 |
| Income from continuing operations | 768 |  | 851 | 1,362 |  | 1,533 |
| Income (loss) from discontinued operations, net of tax | -- |  | (48) | 5 |  | (70) |
| Net income | 768 |  | 803 | 1,367 |  | 1,463 |
| Net loss attributable to non-controlling interests | 2 |  | 1 | 3 |  | 4 |
| Net income attributable to the Company | 770 | \$ | 804 | \$ 1,370 | \$ | 1,467 |
| Earnings (loss) per share: |  |  |  |  |  |  |
| Net income (loss) |  |  |  |  |  |  |
| Basic: |  |  |  |  |  |  |
| Continuing operations | 1.34 | \$ | 1.49 | \$ 2.37 | \$ | 2.70 |
| Discontinued operations | -- |  | (0.08) | 0.01 |  | (0.12) |
|  | \$ 1.34 | \$ | 1.41 | \$ 2.38 | \$ | 2.58 |

Diluted:

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| Continuing operations | $\$$ | 1.33 | $\$$ | 1.46 | $\$$ | 2.36 | $\$$ | 2.68 |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Discontinued operations |  | - |  | $(0.08)$ |  | 0.01 |  | $(0.12)$ |
|  | $\$$ | 1.33 | $\$$ | 1.38 | $\$$ | 2.37 | $\$$ | 2.56 |

## See Notes to the Consolidated Financial Statements.

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## LYONDELLBASELL INDUSTRIES N.V.

## CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

| Millions of dollars | Three months ended June 30, |  |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2011 |  | 2012 | 2011 |  |
| Net income | \$ | 768 | \$ | 803 | \$ 1,367 | \$ | 1,463 |
| Other comprehensive income, net of tax |  |  |  |  |  |  |  |
| Defined benefit pension plan: |  |  |  |  |  |  |  |
| Prior service cost arising during the period |  | 1 |  | 1 | 2 |  | 3 |
| Amortization of prior service cost included in net income |  | 6 |  | -- | 12 |  | -- |
| Income taxes on defined benefit plans |  | (2) |  | -- | (4) |  | -- |
| Defined benefit pension plan, net |  | 5 |  | 1 | 10 |  | 3 |
| Foreign currency translations adjustment: |  |  |  |  |  |  |  |
| Unrealized net change arising during the period |  | (376) |  | 126 | (173) |  | 502 |
| Income taxes on foreign currency translation adjustments |  | - - |  | (1) | 1 |  | - - |
| Foreign currency translations, net of tax |  | (376) |  | 125 | (172) |  | 502 |
| Total other comprehensive income (loss) |  | (371) |  | 126 | (162) |  | 505 |
| Comprehensive income |  | 397 |  | 929 | 1,205 |  | 1,968 |
| Comprehensive loss attributable to non-controlling interest |  | 2 |  | 1 | 3 |  | 4 |
| Comprehensive income attributable to the Company | \$ | 399 | \$ | 930 | \$ 1,208 | \$ | 1,972 |

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## LYONDELLBASELL INDUSTRIES N.V.

## CONSOLIDATED BALANCE SHEETS

| Millions, except shares and par value data | June 30, |  | $\begin{gathered} \text { December 31, } \\ 2011 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| ASSETS |  |  |  |  |
| Current Assets: |  |  |  |  |
| Cash and cash equivalents | \$ | 1,950 | \$ | 1,065 |
| Restricted cash |  | 14 |  | 53 |
| Accounts receivable: |  |  |  |  |
| Trade, net |  | 3,667 |  | 3,582 |
| Related parties |  | 221 |  | 196 |
| Inventories |  | 5,759 |  | 5,499 |
| Prepaid expenses and other current assets |  | 755 |  | 1,040 |
| Total current assets |  | 12,366 |  | 11,435 |
| Property, plant and equipment, net |  | 7,237 |  | 7,333 |
| Investments and long-term receivables: |  |  |  |  |
| Investment in PO joint ventures |  | 411 |  | 412 |
| Equity investments |  | 1,521 |  | 1,559 |
| Other investments and long-term receivables |  | 70 |  | 72 |
| Goodwill |  | 576 |  | 585 |
| Intangible assets, net |  | 1,103 |  | 1,177 |
| Other assets |  | 261 |  | 266 |
| Total assets | \$ | 23,545 | \$ | 22,839 |

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## LYONDELLBASELL INDUSTRIES N.V.

## CONSOLIDATED BALANCE SHEETS

| Millions, except shares and par value data | June 30, 2012 |  | $\begin{gathered} \text { December 31, } \\ 2011 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| LIABILITIES AND EQUITY |  |  |  |  |
| Current liabilities: |  |  |  |  |
| Current maturities of long-term debt | \$ | -- | \$ | 4 |
| Short-term debt |  | 48 |  | 48 |
| Accounts payable: |  |  |  |  |
| Trade |  | 2,169 |  | 2,562 |
| Related parties |  | 835 |  | 852 |
| Accrued liabilities |  | 915 |  | 1,242 |
| Deferred income taxes |  | 277 |  | 310 |
| Total current liabilities |  | 4,244 |  | 5,018 |
| Long-term debt |  | 4,305 |  | 3,980 |
| Other liabilities |  | 2,208 |  | 2,277 |
| Deferred income taxes |  | 1,245 |  | 917 |
| Commitments and contingencies |  |  |  |  |
| Stockholders equity: |  |  |  |  |
| Ordinary shares, 0.04 par value, 1,275 million shares authorized, $574,795,762$ and $573,390,514$ shares outstanding, respectively |  | 31 |  | 31 |
| Additional paid-in capital |  | 10,323 |  | 10,272 |
| Retained earnings |  | 1,838 |  | 841 |
| Accumulated other comprehensive loss |  | (589) |  | (427) |
| Treasury stock, at cost, 3,534,424 and 4,051,013 ordinary shares, respectively |  | (111) |  | (124) |
| Total Company share of stockholders equity |  | 11,492 |  | 10,593 |
| Non-controlling interests |  | 51 |  | 54 |
| Total equity |  | 11,543 |  | 10,647 |
| Total liabilities and equity | \$ | 23,545 | \$ | 22,839 |

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## LYONDELLBASELL INDUSTRIES N.V.

## CONSOLIDATED STATEMENTS OF CASH FLOWS

|  | Six Months Ended June 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 2012 |  | 2011 |
| Millions of dollars |  |  |  |  |
| Cash flows from operating activities: |  |  |  |  |
| Net income | \$ | 1,367 | \$ | 1,463 |
| Adjustments to reconcile net income to net cash provided by operating activities: |  |  |  |  |
| Depreciation and amortization |  | 481 |  | 439 |
| Asset impairments |  | 22 |  | 18 |
| Amortization of debt-related costs |  | 46 |  | 20 |
| Inventory valuation adjustment |  | 71 |  | -- |
| Equity investments - |  |  |  |  |
| Equity income |  | (73) |  | (131) |
| Distribution of earnings, net of tax |  | 87 |  | 107 |
| Deferred income taxes |  | 351 |  | 316 |
| Gain on sale of assets |  | (10) |  | (48) |
| Changes in assets and liabilities that provided (used) cash: |  |  |  |  |
| Accounts receivable |  | (156) |  | $(1,002)$ |
| Inventories |  | (379) |  | (619) |
| Accounts payable |  | (345) |  | 1,140 |
| Contributions to pension plans |  | (37) |  | (178) |
| Income tax refunds |  | 288 |  | -- |
| Prepaid expenses and other current assets |  | (77) |  | (96) |
| Other, net |  | (206) |  | (182) |
| Net cash provided by operating activities |  | 1,430 |  | 1,247 |
| Cash flows from investing activities: |  |  |  |  |
| Expenditures for property, plant and equipment |  | (461) |  | (482) |
| Proceeds from disposal of assets |  | 10 |  | 70 |
| Restricted cash |  | 39 |  | (239) |
| Other |  | (18) |  | -- |
| Net cash used in investing activities |  | (430) |  | (651) |
| Cash flows from financing activities: |  |  |  |  |
| Shares issued upon exercise of warrants |  | 1 |  | 37 |
| Dividends paid |  | (373) |  | (57) |
| Issuance of long-term debt |  | 3,000 |  | - - |
| Repayments of long-term debt |  | $(2,679)$ |  | (260) |
| Payments of debt issuance costs |  | (50) |  | (15) |
| Other, net |  | 3 |  | (4) |
| Net cash used in financing activities |  | (98) |  | (299) |
| Effect of exchange rate changes on cash |  | (17) |  | 168 |
| Increase in cash and cash equivalents |  | 885 |  | 465 |
| Cash and cash equivalents at beginning of period |  | 1,065 |  | 4,222 |

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## LYONDELLBASELL INDUSTRIES N.V.

## CONSOLIDATED STATEMENT OF STOCKHOLDERS EQUITY

| Millions of dollars | Ordinary Shares |  |  | AdditionalPaid-inCapital |  | Retained <br> Earnings |  | Accumulated Other Comprehensive Loss |  | Total Stockholders Equity |  | NonControlling Interests |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Balance, January 1, 2012 | \$ 31 | \$ | (124) | \$ | 10,272 | \$ | 841 | \$ | (427) | \$ | 10,593 | \$ | 54 |
| Net income (loss) | - - |  | - - |  | - - |  | 1,370 |  | -- |  | 1,370 |  | (3) |
| Other comprehensive loss | -- |  | -- |  | -- |  | -- |  | (162) |  | (162) |  | -- |
| Warrants exercised | -- |  | -- |  | 38 |  | -- |  | - - |  | 38 |  | -- |
| Shares purchased | -- |  | (12) |  | -- |  | -- |  | -- |  | (12) |  | -- |
| Share-based compensation | -- |  | 25 |  | 13 |  | -- |  | -- |  | 38 |  | -- |
| Cash dividends (\$0.65 per share) | -- |  | -- |  | -- |  | (373) |  | -- |  | (373) |  | -- |
| Balance, June 30, 2012 | \$ 31 | \$ | (111) | \$ | 10,323 | \$ | 1,838 | \$ | (589) | \$ | 11,492 | \$ | 51 |

See Notes to the Consolidated Financial Statements.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 1. Basis of Presentation

LyondellBasell Industries N.V., together with its consolidated subsidiaries (collectively LyondellBasell N.V. ), is a worldwide manufacturer of chemicals and polymers, a refiner of crude oil, a significant producer of gasoline blending components and a developer and licensor of technologies for production of polymers and other chemicals. When we use the terms Company, we, us, our or similar words, unless the conte otherwise requires, we are referring to LyondellBasell N.V.

The accompanying consolidated financial statements are unaudited and have been prepared from the books and records of LyondellBasell N.V. in accordance with the instructions to Form 10-Q and Rule 10-1 of Regulation S-X for interim financial information. Accordingly, they do not include all of the information and notes required by accounting principles generally accepted in the United States ( U.S. GAAP ) for complete financial statements. In our opinion, all adjustments, consisting only of normal recurring adjustments, considered necessary for a fair presentation have been included. The results for interim periods are not necessarily indicative of results for the entire year. These consolidated financial statements should be read in conjunction with the LyondellBasell N.V. consolidated financial statements and notes thereto included in the LyondellBasell Industries N.V. Annual Report on Form 10-K for the year ended December 31, 2011.

## 2. Accounting and Reporting Changes Recently Adopted Guidance

Comprehensive Income In June 2011, the Financial Accounting Standards Board ( FASB ) issued Accounting Standards Update ( ASU ) 2011-05, related to ASC Topic 220, Comprehensive Income: Presentation of Comprehensive Income and in December 2011 the FASB issued ASU 2011-12, Deferral of the Effective Date for Amendments to the Presentation of Reclassifications of Items Out of Accumulated Other Comprehensive Income in ASU 2011-05. These standards eliminate the current option to report other comprehensive income and its components in the statement of changes in equity. We elected to present Statements of Comprehensive Income in two separate but consecutive statements beginning January 1, 2012, and the amendments have been applied retrospectively for all prior periods presented.

Fair Value Measurement In May 2011, the FASB issued new guidance related to ASC Topic 820, Fair Value Measurement (Topic 820): Amendments to Achieve Common Fair Value Measurement and Disclosure Requirements in U.S. GAAP and IFRSs. The new guidance results in a consistent definition of fair value and common requirements for measurement of and disclosure about fair value between U.S. GAAP and International Financial Reporting Standards (IFRS ) and changes some fair value measurement principles and disclosure requirements. This guidance aligns the fair value measurement of instruments classified within an entity s shareholders equity with the guidance for liabilities. As a result, entities are required to measure the fair value of their own equity instruments from the perspective of a market participant that holds the equity instruments as assets. This guidance also enhances disclosure requirements for recurring Level 3 fair value measurements to include quantitative information about unobservable inputs used, a description of the valuation processes used by the entity, and a qualitative discussion about the sensitivity of the measurements. New disclosures on the use of a nonfinancial asset measured or disclosed at fair value are required if its use differs from its highest and best use. In addition, entities must report the level in the fair value hierarchy of assets and liabilities not recorded at fair value but where fair value is disclosed. The ASU was effective for interim and annual periods beginning on or after December 15, 2011. The adoption of this amendment in 2012 did not have a material effect on the presentation of our consolidated financial statements.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## Accounting Guidance Issued But Not Adopted as of June 30, 2012

Disclosures about Offsetting Assets and Liabilities In December 2011, the FASB issued ASU No. 2011-11, Disclosures about Offsetting Assets and Liabilities. The standard requires disclosures to provide information to help reconcile differences in the offsetting requirements under U.S. GAAP and IFRS. The differences in the offsetting requirements account for a difference in the amounts presented in statements of financial position prepared in accordance with U.S. GAAP and IFRS. The new disclosure requirements mandate that entities disclose both gross and net information about instruments and transactions eligible for offset in the statement of financial position (balance sheet), as well as instruments similar to a master netting arrangement. In addition, the standard requires disclosure of collateral received and posted in connection with master netting agreements or similar arrangements. The ASU is effective for annual reporting periods beginning on or after January 1, 2013, and interim periods within those annual periods. The adoption of this amendment is not expected to have a material impact on the presentation of our Consolidated Balance Sheet.

## 3. Discontinued Operations

In September 2011, we announced our intention to initiate consultations with relevant employee Works Councils regarding a contemplated closure of our Berre refinery after receiving no offers to purchase the refinery. In connection with the intended closure, we recorded pre-tax charges totaling $\$ 136$ million in the fourth quarter of 2011, primarily related to the estimated cost of the social plan for the affected employees. We reduced the estimated cost of the social plan by $\$ 14$ million in the second quarter of 2012.

On January 4, 2012, operations at the Berre refinery were suspended.
During the three-month period ending June 30, 2012, the operations of the Berre refinery were deemed to have met the criteria for discontinued operations classification. As a result, the operations have been classified as discontinued operations, net of income taxes, in the Consolidated Statements of Income for all periods presented. The amounts included in Income (loss) from discontinued operations are summarized as follows:

|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars | 2012 |  | 2011 |  | 2012 |  | 2011 |  |
| Sales and other operating revenues | \$ | 42 | \$ | 736 |  | 187 | \$ | 1,608 |
| Loss from discontinued operations before income taxes | \$ |  | \$ | (48) | \$ |  | \$ | (70) |
| Benefit from income taxes |  | (15) |  | -- |  | (14) |  | - - |
| Income (loss) from discontinued operations, net of tax | \$ |  | \$ | (48) | \$ | 5 | \$ | (70) |

Income (loss) from discontinued operations includes benefits related to the liquidation of LIFO valued inventory of $\$ 7$ million and $\$ 49$ million for the three and six months ended June 30, 2012, respectively.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The following table summarizes the assets and liabilities of the Berre refinery that are included in the Consolidated Balance Sheets. These amounts were derived from historical financial information and adjusted to exclude intercompany receivables and payables between the Berre refinery and other subsidiaries of the Company.

| Millions of dollars | June 30, 2012 |  | $\begin{gathered} \text { December 31, } \\ 2011 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Current assets related to discontinued operations: |  |  |  |  |
| Accounts receivable trade, net | \$ | 36 | \$ | 234 |
| Inventories |  | 75 |  | 222 |
| Total current assets related to discontinued operations | \$ | 111 | \$ | 456 |
| Current liabilities related to discontinued operations: |  |  |  |  |
| Accounts payable trade | \$ | 22 | \$ | 158 |
| Accrued liabilities |  | 39 |  | 30 |
| Total current liabilities related to discontinued operations | \$ | 61 | \$ | 188 |
| Long-term liabilities related to discontinued operations: |  |  |  |  |
| Other liabilities | \$ | 71 | \$ | 121 |
| Total long-term liabilities related to discontinued operations | \$ | 71 | \$ | 121 |

Future cash inflows will arise from the liquidation of on hand raw materials, intermediate and refined product inventories.
Future cash out flows will occur for activities associated with exit or disposal activities and for payments made to severed employees. Exit and disposal related costs are expected to be incurred for the next two years. Payments to the affected employees are expected to be substantially complete by 2019 .

## 4. Accounts Receivable

Our allowance for doubtful accounts receivable, which is reflected in the Consolidated Balance Sheets as a reduction of accounts receivable, totaled $\$ 17$ million and $\$ 16$ million at June 30, 2012 and December 31, 2011, respectively.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 5. Inventories

Inventories consisted of the following components:

| Millions of dollars | $\begin{gathered} \text { June 30, } \\ 2012 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2011 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Finished goods | \$ | 3,552 | \$ | 3,544 |
| Work-in-process |  | 283 |  | 267 |
| Raw materials and supplies |  | 1,924 |  | 1,688 |
| Total inventories | \$ | 5,759 | \$ | 5,499 |

## 6. Property, Plant and Equipment, Goodwill and Intangible Assets

The components of property, plant and equipment, at cost, and the related accumulated depreciation were as follows:

| Millions of dollars | $\begin{gathered} \text { June 30, } \\ 2012 \end{gathered}$ |  | December 31, 2011 |  |
| :---: | :---: | :---: | :---: | :---: |
| Land | \$ | 296 | \$ | 301 |
| Manufacturing facilities and equipment |  | 7,686 |  | 7,358 |
| Construction in progress |  | 744 |  | 785 |
| Total property, plant and equipment |  | 8,726 |  | 8,444 |
| Less accumulated depreciation |  | $(1,489)$ |  | $(1,111)$ |
| Property, plant and equipment, net | \$ | 7,237 | \$ | 7,333 |

During the first six months of 2012, we recognized impairment charges of $\$ 22$ million, primarily related to damage to our LDPE plant in Wesseling, Germany resulting from an explosion in a reactor bay.

Depreciation and amortization expense is summarized as follows:

|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2011 |  | 2012 |  | 2011 |  |
| Millions of dollars |  |  |  |  |  |  |  |  |
| Property, plant and equipment |  |  | \$ | 200 | \$ | 184 | \$ | 393 | \$ | 351 |
| Investment in PO joint ventures |  | 7 |  | 8 |  | 15 |  | 15 |
| Emission allowances |  | 17 |  | 18 |  | 34 |  | 36 |
| Various contracts |  | 8 |  | 13 |  | 15 |  | 35 |
| Technology, patent and license costs |  | 7 |  | -- |  | 13 |  | -- |
| Software costs |  | 5 |  | 1 |  | 11 |  | 2 |

Total depreciation and amortization

| $\$$ | 244 | $\$$ | 224 | $\$ 81$ | $\$$ | 439 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Asset Retirement Obligations The liabilities recognized for all asset retirement obligations were $\$ 105$ million and $\$ 123$ million at June 30, 2012 and December 31, 2011, respectively.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Goodwill Goodwill decreased from $\$ 585$ million at December 31, 2011 to $\$ 576$ million at June 30, 2012 as a result of foreign exchange translation.

## 7. Investment in PO Joint Ventures

Changes in our investment in the U.S. and European PO joint ventures for 2012 and 2011 are summarized below:

| Millions of dollars | U.S. PO Joint Venture |  | European PO <br> Joint Venture |  | Total PO <br> Joint Ventures |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Investments in PO joint ventures - January 1, 2012 | \$ | 274 | \$ | 138 | \$ | 412 |
| Cash contributions |  | 5 |  | 13 |  | 18 |
| Depreciation and amortization |  | (11) |  | (4) |  | (15) |
| Effect of exchange rate changes |  | - - |  | (4) |  | (4) |
| Investments in PO joint ventures - June 30, 2012 | \$ | 268 | \$ | 143 | \$ | 411 |
| Investments in PO joint ventures - January 1, 2011 | \$ | 291 | \$ | 146 | \$ | 437 |
| Cash contributions |  | -- |  | 2 |  | 2 |
| Depreciation and amortization |  | (11) |  | (4) |  | (15) |
| Effect of exchange rate changes |  | -- |  | 12 |  | 12 |
| Investments in PO joint ventures - June 30, 2011 | \$ | 280 | \$ | 156 | \$ | 436 |

## 8. Equity Investments

The changes in equity investments were as follows:

|  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: |
|  | 2012 |  | 2011 |
| Millions of dollars |  |  |  |
| Beginning balance | \$ 1,559 | \$ | 1,587 |
| Income from equity investments | 73 |  | 131 |
| Dividends received, gross | (87) |  | (114) |
| Currency exchange effects | (20) |  | 50 |
| Other | (4) |  | -- |
| Ending balance | \$ 1,521 | \$ | 1,654 |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Summarized income statement information and our share for the periods for which the respective Equity investments were accounted for under the equity method is set forth below:

| Millions of dollars | Three months ended June 30, 2012 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 100\% | Company Share |  | 100\% | Company Share |  |
| Revenues | \$ 3,175 | \$ | 980 | \$ 3,113 | \$ | 894 |
| Cost of sales | $(2,906)$ |  | (900) | $(2,659)$ |  | (767) |
| Gross profit | 269 |  | 80 | 454 |  | 127 |
| Net operating expenses | (65) |  | (31) | (59) |  | (17) |
| Operating income | 204 |  | 49 | 395 |  | 110 |
| Interest income | 3 |  | 1 | 6 |  | 2 |
| Interest expense | (70) |  | (16) | (63) |  | (18) |
| Foreign currency translation | 16 |  | 2 | 17 |  | 5 |
| Loss from equity investments | (3) |  | (1) | (41) |  | (8) |
| Income before income taxes | 150 |  | 35 | 314 |  | 91 |
| Provision for income taxes | 18 |  | 8 | 69 |  | 18 |
| Net income | \$ 132 | \$ | 27 | \$ 245 | \$ | 73 |


| Millions of dollars | Six Months Ended June 30, |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 100\% |  | mpany <br> hare | 100\% |  | pany are |
| Revenues | \$ 5,632 | \$ | 1,888 | \$ 6,700 | \$ | 2,133 |
| Cost of sales | $(5,095)$ |  | $(1,721)$ | $(5,829)$ |  | $(1,876)$ |
| Gross profit | 537 |  | 167 | 871 |  | 257 |
| Net operating expense | (139) |  | (52) | (157) |  | (49) |
| Operating income | 398 |  | 115 | 714 |  | 208 |
| Interest income | 3 |  | 1 | 6 |  | 2 |
| Interest expense | (127) |  | (32) | (121) |  | (34) |
| Foreign currency translation | 21 |  | 6 | (22) |  | (5) |
| Income (loss) from equity investments | 4 |  | 1 | (31) |  | (5) |
| Income before income taxes | 299 |  | 91 | 546 |  | 166 |
| Provision for income taxes | 52 |  | 18 | 122 |  | 35 |
| Net income | \$ 247 | \$ | 73 | \$ 424 | \$ | 131 |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 9. Debt

Long-term loans, notes and other long-term debt due to unrelated parties consisted of the following:

| Millions of dollars | $\begin{gathered} \text { June } 30, \\ 2012 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2011 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| Senior Notes due 2017, \$2,250 million, 8.0\% | \$ | -- | \$ | 619 |
| Senior Notes due 2017, 375 million, $8.0 \%$ |  | -- |  | 134 |
| Senior Notes due 2018, \$3,240 million, 11.0\% |  | -- |  | 1,922 |
| Senior Notes due 2019, \$2,000 million, 5.0\% |  | 2,000 |  | - - |
| Senior Notes due 2021, \$1,000 million, 6.0\% |  | 1,000 |  | 1,000 |
| Senior Notes due 2024, \$1,000 million, 5.75\% |  | 1,000 |  | - - |
| Guaranteed Notes, due 2027, \$300 million, 8.1\% |  | 300 |  | 300 |
| Other |  | 5 |  | 9 |
| Total |  | 4,305 |  | 3,984 |
| Less current maturities |  | -- |  | (4) |
| Long-term debt | \$ | 4,305 | \$ | 3,980 |

Short-term loans, notes and other short-term debt due to unrelated parties consisted of the following:

| Millions of dollars | $\begin{gathered} \text { June 30, } \\ 2012 \end{gathered}$ |  | $\begin{gathered} \text { December 31, } \\ 2011 \end{gathered}$ |  |
| :---: | :---: | :---: | :---: | :---: |
| \$2,000 million Senior Revolving Credit Facility | \$ | - - | \$ | - - |
| \$2,000 million Senior Secured Asset-Based Revolving Credit Facility |  | -- |  | -- |
| 450 million European Receivables Securitization Facility |  | -- |  | -- |
| Financial payables to equity investees |  | 8 |  | 10 |
| Other |  | 40 |  | 38 |
| Total short-term debt | \$ | 48 | \$ | 48 |

## Long-Term Debt

$5 \%$ and $5.75 \%$ Senior Notes In April 2012, LyondellBasell N.V. issued $\$ 2,000$ million aggregate principal amount of $5 \%$ senior notes due 2019 and $\$ 1,000$ million aggregate principal amount of $5.75 \%$ senior notes due 2024 , each at an issue price of $100 \%$. When issued, the $5 \%$ and $5.75 \%$ senior notes were guaranteed on a senior basis by generally all of our U.S. subsidiaries. The subsidiary guarantees were released on June 15 , 2012 as a result of the repayment of our $8 \%$ and $11 \%$ senior notes described below.
$8 \%$ and $11 \%$ Senior Notes In April 2012, we repaid a total of $\$ 2,606$ million of our $8 \%$ and $11 \%$ senior notes, comprising $\$ 742$ million of our $8 \%$ senior notes and $\$ 1,864$ million of our $11 \%$ senior notes. In June 2012, we repaid the remaining outstanding amount of $\$ 70$ million, comprising $\$ 13$ million of our $8 \%$ senior notes and $\$ 57$ million of our $11 \%$ senior notes. In connection with these repayments, we also paid premiums totaling $\$ 294$ million. Capitalized debt issuance costs of $\$ 18$ million related to the $8 \%$ and $11 \%$ senior notes were charged to interest expense in the second quarter of 2012 . As a result of these repayments, the subsidiary guarantees of all of our senior debt, including the $5 \%$ and $5.75 \%$ senior notes discussed above and our $6 \%$ senior notes due 2021 were automatically released.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Other Amortization of debt issuance costs in the six months ended June 30, 2012 and 2011 resulted in amortization expense of $\$ 46$ million and $\$ 20$ million, respectively, which is included in interest expense in the Consolidated Statements of Income. These costs include the write off of unamortized debt issuance costs associated with the repayment of the $8 \%$ and $11 \%$ senior notes and the termination of the U.S. ABL Facility described below.

## Short-Term Debt

Senior Revolving Credit Facility In May 2012, we entered into a five-year revolving credit facility (the Senior Revolving Credit Facility ). The Senior Revolving Credit Facility may be used for dollar and euro denominated borrowings and to support up to $\$ 700$ million of dollar and euro denominated letters of credit. The balance of outstanding borrowings and letters of credit under the facility may not exceed $\$ 2,000$ million at any given time. We may, from time to time, request the total commitments available under the facility be increased to an aggregate amount not to exceed $\$ 2,500$ million. We paid fees of $\$ 10$ million related to the completion of this financing.

Borrowings under the facility bear interest at a Base Rate or LIBOR, plus an applicable margin. Additional fees are incurred for the average daily unused commitments.

At June 30, 2012, availability under this facility was $\$ 1,930$ million. There were no borrowings outstanding under the facility and outstanding letters of credit totaled $\$ 57$ million.

Obligations under the facility were guaranteed by our U.S. subsidiaries until those guarantees were released in June 2012 as a result of the repayment of our $8 \%$ and $11 \%$ senior notes, described above.

The facility contains customary covenants and warranties, including specified restrictions on indebtedness, liens, sale and leaseback transactions and a specified interest coverage ratio and consolidated leverage ratio.
U.S. ABL Facility In connection with the execution of the new revolving credit facility, we terminated our U.S. asset-based revolving credit facility ( U.S. ABL Facility ). All amounts owed by the borrowers under the U.S. ABL Facility have been repaid and the commitments under the U.S. ABL Facility have been terminated. In connection with the termination of this facility, $\$ 17$ million of unamortized debt issuance costs were charged to interest expense in the second quarter of 2012.

At December 31, 2011, there were no borrowings outstanding under the U.S. ABL Facility, and outstanding letters of credit totaled \$262 million.

Other At June 30, 2012 and 2011, our weighted average interest rates on outstanding short-term debt were $3.4 \%$ and $3.8 \%$, respectively.

## 10. Derivative Financial Instruments

Cash Concentration Our cash equivalents are placed in high-quality commercial paper, money market funds and time deposits with major international banks and financial institutions.

Market Risks We are exposed to market risks, such as changes in commodity pricing, currency exchange rates and interest rates. To manage the volatility related to these exposures, we selectively enter into derivative transactions pursuant to our policies. Designation of the derivatives as fair-value or cash-flow hedges is performed on a specific exposure basis. Hedge accounting may or may not be elected with respect to certain short-term exposures. The changes in fair value of these hedging instruments are offset in part or in whole by corresponding changes in the fair value or cash flows of the underlying exposures being hedged.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Commodity Prices We are exposed to commodity price volatility related to anticipated purchases of natural gas, crude oil and other raw materials and sales of our products. We selectively use commodity swap, option, and futures contracts with various terms to manage the volatility related to these risks. Such contracts are generally limited to durations of one year or less. Cash-flow hedge accounting may be elected for these derivative transactions. When the duration of a derivative is short, hedge accounting generally would not be elected. When hedge accounting is not elected, the changes in fair value of these instruments are recorded in earnings. When hedge accounting is elected, gains and losses on these instruments are deferred in accumulated other comprehensive income ( AOCI ), to the extent that the hedge remains effective, until the underlying transaction is recognized in earnings.

The following table summarizes the pretax effect of settled commodity futures contracts charged directly to income:
$\left.\begin{array}{lcccc} & & \begin{array}{c}\text { Settled Commodity Contracts } \\ \text { Six Months Ended June 30, 2012 }\end{array} \\ \text { Gain (Loss) }\end{array}\right]$
\$ -

Six Months Ended June 30, 2011
Gain (Loss)
Recognized

|  | in <br> Income | Volumes <br> Settled | Volume Unit |
| :--- | :---: | :---: | :---: | :---: |
| Futures: | $\$ 1$ | 280 | million gallons |
| Gasoline | 4 | 293 | million gallons |
| Heating oil | $(1)$ | -- | million gallons |

\$ 4

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The estimated fair value and notional amounts of our open commodity futures contracts are shown in the table below:

|  | Open Commodity Contracts June 30, 2012 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Notional Amounts |  |  |  | Maturity Dates |
| Millions of dollars | Fair Value | Value | Volumes | Volume Unit |  |
| Futures: |  |  |  |  |  |
| Gasoline | \$ 27 | \$ 376 | 131 | million gallons | August 2012 |
| Heating oil | 2 | 57 | 21 | million gallons | August 2012 |
| Butane | (39) | 240 | 126 | million gallons | October 2012 - |
|  |  |  |  |  | February 2013 |
| Crude oil | (5) | 121 | 60 | million gallons | August 2012 - <br> September 2012 |
|  | \$ (15) | \$ 794 |  |  |  |


|  | December 31, 2011 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Notional Amounts |  |  |  |  |  | Maturity Dates |
|  | Fair Value |  |  | alue | Volumes | Volume Unit |  |
| Futures: |  |  |  |  |  |  |  |
| Gasoline |  | 12 | \$ | 34 | 12 | million gallons | January 2012 - |
|  |  |  |  |  |  |  | February 2012 |
| Heating oil |  | 1 |  | 54 | 19 | million gallons | January 2012 |
| Butane |  | (1) |  | 22 | 12 | million gallons | January 2012 - |
|  |  |  |  |  |  |  | February 2012 |
|  |  | 12 |  | 110 |  |  |  |

Foreign Currency Rates We have significant operations in several countries. The functional currencies of our wholly owned subsidiaries through which our operations are conducted are primarily the U.S. dollar and the Euro. We enter into transactions denominated in other than the functional currencies of the Company. As a result, we are exposed to foreign currency risk on receivables and payables. We maintain risk management control policies intended to monitor foreign currency risk attributable to both the outstanding foreign currency balances and future commitments. These control policies involve the centralization of foreign currency exposure management, the offsetting of exposures and the estimating of expected impacts of changes in foreign currency rates on our earnings. We enter into foreign currency spot, forward and swap contracts to reduce the effects of our net currency exchange exposures. At June 30, 2012, foreign currency spot, forward and swap contracts in the notional amount of $\$ 723$ million, maturing in July and August 2012, were outstanding. The fair values, based on quoted market exchange rates, resulted in net payables of $\$ 3$ million and $\$ 12$ million at June 30, 2012 and December 31, 2011, respectively.

For forward contracts that economically hedge recognized monetary assets and liabilities in foreign currencies, no hedge accounting is applied. Changes in the fair value of foreign currency forward contracts are reported in the Consolidated Statements of Income and offset the currency exchange results recognized on the assets and liabilities.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Foreign Currency Gain (Loss) Other income, net, in the Consolidated Statements of Income reflected losses of $\$ 11$ million and $\$ 9$ million for the three and six months ended June 30, 2012, and a loss of $\$ 4$ million and a gain of $\$ 6$ million for the three and six months ended June 30, 2011, respectively.

Warrants We had warrants outstanding to purchase 111,565 ordinary shares as of June 30, 2012 and 1,000,223 ordinary shares as of December 31, 2011 at exercise prices of $\$ 13.77$ per share. The fair values of the warrants were determined to be $\$ 3$ million and $\$ 19$ million at June 30, 2012 and December 31, 2011, respectively.

Derivatives The following table summarizes financial instruments outstanding as of June 30, 2012 and December 31, 2011 that are measured at fair value on a recurring basis. Refer to Note 11, Fair Value Measurements, for additional information regarding the fair value of derivative financial instruments.

June 30, 2012
December 31, 2011


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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The following table summarizes the pretax effect of derivative instruments charged directly to income:

|  | Effect of Financial Instruments <br> Three Months Ended June 30, 2012 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars | Gain (Loss) <br> Gain (Loss)Reclassified <br> Recognizedfrom AOCI <br> in AOCI to Income |  |  | Additional <br> Gain (Loss) <br> Recognized in Income |  | Income Statement Classification |
| Derivatives not designated as hedges: |  |  |  |  |  |  |
| Commodities | \$ - | \$ | -- | \$ | (25) | Cost of sales |
|  |  |  |  |  |  | Other income |
| Foreign currency | -- |  | -- |  | 2 | (expense), net |
|  | \$ - - | \$ | -- | \$ | (23) |  |


|  |  | Three Months Ended June 30, 2011 |
| :--- | :---: | :---: | :---: | :---: | :---: |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

$\left.\begin{array}{lcccccc} & & & \text { Effect of Financial Instruments } \\ \text { Six Months Ended June 30, 2012 }\end{array}\right]$

Six Months Ended June 30, 2011

| Millions of dollars | Gain (Loss) <br> Gain (Loss)Reclassified <br> Recognizedfrom AOCI in AOCI to Income |  |  | Additional Gain (Loss) Recognized in Income |  | Income Statement Classification |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Derivatives not designated as hedges: |  |  |  |  |  |  |
|  |  |  |  |  |  | Other income |
| Warrants | \$ - | \$ | -- | \$ | (53) | (expense), net |
| Commodities | -- |  | -- |  | 9 | Cost of sales |
|  |  |  |  |  |  | Other income |
| Foreign currency | -- |  | -- |  | (1) | (expense), net |
|  | \$ - | \$ | -- | \$ | (45) |  |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 11. Fair Value Measurement

The following table presents the derivative financial instruments outstanding as of June 30, 2012 and December 31, 2011 that are measured at fair value on a recurring basis.

| Millions of dollars | Fair value |  | Level 1 |  | Level 2 |  | Level 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| June 30, 2012: |  |  |  |  |  |  |  |  |
| Assets at fair value |  |  |  |  |  |  |  |  |
| Derivatives: |  |  |  |  |  |  |  |  |
| Commodities | \$ | 29 | \$ | -- | \$ | 29 | \$ | -- |
|  | \$ | 29 | \$ | - | \$ | 29 | \$ | -- |

## Liabilities at fair value

| Derivatives: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Commodities | \$ | 44 | \$ | -- | \$ | 44 | \$ | -- |
| Warrants |  | 3 |  | -- |  | 3 |  | -- |
| Foreign currency |  | 3 |  | -- |  | 3 |  | -- |
|  | \$ | 50 | \$ | -- | \$ | 50 | \$ | -- |

December 31, 2011:
Assets at fair value
Derivatives:

| Commodities | \$ | 13 | \$ | -- | \$ | 13 | \$ | -- |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \$ | 13 | \$ | -- | \$ | 13 | \$ | -- |
| Liabilities at fair value |  |  |  |  |  |  |  |  |
| Derivatives: |  |  |  |  |  |  |  |  |
| Commodities | \$ | 1 | \$ | -- | \$ | 1 | \$ | -- |
| Warrants |  | 19 |  | -- |  | 19 |  | -- |
| Foreign currency |  | 12 |  | -- |  | 12 |  | -- |
|  | \$ | 32 | \$ | -- | \$ | 32 | \$ | -- |

The fair value of all non-derivative financial instruments included in current assets, including cash and cash equivalents, restricted cash and accounts receivable, short-term debt and accounts payable, approximated the applicable carrying value due to the short maturity of those instruments.

There were no financial instruments measured on a recurring basis using Level 3 inputs during the six months ended June 30, 2012 and 2011.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The carrying value and the estimated fair value of our non-derivative financial instruments are shown in the table below:

December 31, 2011

|  | June 30, 2012 |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars | Carrying Value |  | Fair <br> Value |  | Carrying Value |  | Fair <br> Value |  |
| Short and long-term debt, including current maturities | \$ | 4,348 | \$ | 4,660 | \$ | 4,026 | \$ | 4,294 |

The following table presents short and long-term debt at fair value which are recorded at historical cost or amortized cost in the Consolidated Balance Sheet. The carrying and fair value of long-term debt excludes capital leases.

| Millions of dollars | June 30, 2012 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Carrying value |  | Fair <br> value |  | Level 1 |  | Level 2 |  | Level 3 |  |
| Short-term debt | \$ | 48 | \$ | 48 | \$ | -- | \$ | 9 | \$ | 39 |
| Long-term debt |  | 4,300 |  | 4,612 |  | -- |  | 4,612 |  | -- |
| Short term and long-term debt, including current maturities | \$ | 4,348 | \$ | 4,660 | \$ | -- | \$ | 4,621 | \$ | 39 |

December 31, 2011

| Millions of dollars | Carrying value |  | Fair value |  | Level 1 |  | Level 2 |  | Level 3 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Short-term debt | \$ | 48 | \$ | 48 | \$ | -- | \$ | 10 | \$ | 38 |
| Long-term debt |  | 3,978 |  | 4,246 |  | -- |  | 4,243 |  | 3 |
| Short term and long-term debt, including current maturities | \$ | 4,026 | \$ | 4,294 | \$ | -- | \$ | 4,253 | \$ | 41 |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 12. Pension and Other Post-retirement Benefits

Net periodic pension benefits included the following cost components:

|  | U.S. Plans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
|  | 2012 |  | 2011 |  | 2012 |  | 2011 |  |
| Millions of dollars |  |  |  |  |  |  |  |  |
| Service cost |  |  | \$ | 11 | \$ | 9 | \$ | 23 | \$ | 20 |
| Interest cost |  | 19 |  | 22 |  | 39 |  | 45 |
| Expected return on plan assets |  | (29) |  | (26) |  | (59) |  | (52) |
| Amortization |  | 5 |  | - - |  | 10 |  | -- |
| Net periodic benefit costs | \$ | 6 | \$ | 5 | \$ | 13 | \$ | 13 |


| Millions of dollars | Non-U.S. Plans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
|  | 2012 |  | 2011 |  | 2012 |  | 2011 |  |
| Service cost | \$ | 6 | \$ | 12 | \$ | 17 | \$ | 21 |
| Interest cost |  | 13 |  | 17 |  | 25 |  | 29 |
| Expected return on plan assets |  | (7) |  | (16) |  | (13) |  | (23) |
| Settlement and curtailment loss |  | - - |  | 4 |  | - - |  | 6 |
| Amortization |  | -- |  | 2 |  | 1 |  | 2 |
| Net periodic benefit costs | \$ | 12 | \$ | 19 | \$ | 30 | \$ | 35 |

Net periodic other post-retirement benefits included the following cost components:

|  | U.S. Plans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
|  | 2012 |  | 2011 |  | 2012 |  | 2011 |  |
| Millions of dollars |  |  |  |  |  |  |  |  |
| Service cost | \$ | 1 | \$ | 1 | \$ | 2 | \$ | 5 |
| Interest cost |  | 4 |  | 4 |  | 7 |  | 8 |
| Amortization |  | -- |  | -- |  | 1 |  | -- |
| Net periodic benefit costs | \$ | 5 | \$ | 5 | \$ | 10 | \$ | 13 |


| Millions of dollars | Non-U.S. Plans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
|  |  | 12 |  |  |  |  |  |  |
| Service cost | \$ | (1) | \$ | 3 | \$ | - - | \$ | 5 |
| Net periodic benefit costs | \$ | (1) | \$ | 3 | \$ | -- | \$ | 5 |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

The Company contributed $\$ 37$ million to its pension plans during the six months ended June 30, 2012, which consisted of $\$ 34$ million and $\$ 3$ million to its U.S. and non-U.S. pension plans, respectively.

## 13. Income Taxes

The effective tax rate for the second quarter of 2012 was $28.5 \%$ compared with $31.3 \%$ for the second quarter of 2011. For the first six months of 2012, the effective tax rate was $30.8 \%$ compared with $29.8 \%$ for the first six months of 2011 . Our effective tax rate fluctuates based on, among other factors, pretax income in countries with lower statutory tax rates, nontaxable income related to joint venture equity earnings, notional royalties, the U.S. domestic production activity deduction, changes in valuation allowance and unrecognized tax benefits. Compared with the second quarter of 2011, the effective tax rate for the second quarter of 2012 was lower due to deductible foreign currency offset with increases in unrecognized tax benefits. The second quarter effective tax rate was also favorably affected by lower earnings in jurisdictions with higher tax rates. When comparing differences within the effective tax rates for the first six months of 2012 and 2011, increases to the effective tax rate related to unrecognized tax benefits offset by deductible foreign currency losses and a reduction in nondeductible charges.

## 14. Commitments and Contingencies

Financial Assurance Instruments We have obtained letters of credit, performance and surety bonds and have issued financial and performance guarantees to support trade payables, potential liabilities and other obligations. Management does not expect that any claims against or draws on these instruments would have a material adverse effect on our consolidated financial statements.

Environmental Remediation Our accrued liability for future environmental remediation costs at current and former plant sites and other remediation sites totaled $\$ 124$ million and $\$ 120$ million as of June 30, 2012 and December 31, 2011, respectively. At June 30, 2012, the accrued liabilities for individual sites range from less than $\$ 1$ million to $\$ 22$ million. The remediation expenditures are expected to occur over a number of years, and not to be concentrated in any single year. In our opinion, it is reasonably possible that losses in excess of the liabilities recorded may have been incurred. However, we cannot estimate any amount or range of such possible additional losses. New information about sites, new technology or future developments such as involvement in investigations by regulatory agencies, could require us to reassess our potential exposure related to environmental matters.

The following table summarizes the activity in our accrued environmental liability included in Accrued liabilities and Other liabilities:

| Millions of dollars | Six Months Ended June 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2011 |  |
| Balance at beginning of period | \$ | 120 | \$ | 107 |
| Additional provisions |  | 12 |  | 20 |
| Amounts paid |  | (5) |  | (4) |
| Foreign exchange effects |  | (3) |  | 6 |
| Balance at end of period | \$ | 124 | \$ | 129 |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## Litigation and Other Matters

Access Indemnity Demand On December 20, 2010, one of our subsidiaries received demand letters from affiliates of Access Industries, (collectively, Access ) a more than five percent shareholder of the Company. We conducted an initial investigation of the facts underlying the demand letters and engaged in discussions with Access. We requested that Access withdraw its demands with prejudice and on January 17 , 2011, Access declined to withdraw the demands, with or without prejudice.

Specifically, Access affiliates Nell Limited ( Nell ) and BI S.á.r.l. ( BI ) have demanded that LyondellBasell Industries Holdings B.V. ( LBIH ), a wholly owned subsidiary of the Company, indemnify them and their shareholders, members, affiliates, officers, directors, employees and other related parties for all losses, including attorney s fees and expenses, arising out of a pending lawsuit styled Edward S. Weisfelner, as Litigation Trustee of the LB Litigation Trust v. Leonard Blavatnik, et al., Adversary Proceeding No. 09-1375 (REG), in the United States Bankruptcy Court, Southern District of New York.

In the Weisfelner lawsuit, the plaintiffs seek to recover damages from numerous parties, including Nell, Access and their affiliates. The damages sought from Nell, Access and their affiliates include, among other things, the return of all amounts earned by them related to their acquisition of shares of Lyondell Chemical prior to its acquisition by Basell AF S.C.A. in December 2007, distributions by Basell AF S.C.A. to its shareholders before it acquired Lyondell Chemical, and management and transaction fees and expenses. The trial that was scheduled for October 2011 has been postponed.

Nell and BI have also demanded that LBIH pay $\$ 50$ million in management fees for each of 2009 and 2010 and that LBIH pay other unspecified amounts relating to advice purportedly given, prior to the Predecessor company s chapter 11 filing, in connection with financing and other strategic transactions.

Nell and BI assert that LBIH s responsibility for indemnity and the claimed fees and expenses arise out of a management agreement entered into on December 11, 2007, between Nell and Basell AF S.C.A. They assert that LBIH, as a former subsidiary of Basell AF S.C.A., is jointly and severally liable for Basell AF S.C.A. s obligations under the agreement, notwithstanding that LBIH was not a signatory to the agreement and the liabilities of Basell AF S.C.A., which was a signatory, were discharged in the LyondellBasell bankruptcy proceedings.

On June 26, 2009, Nell filed a proof of claim in Bankruptcy Court against LyondellBasell AF (successor to Basell AF S.C.A.) seeking no less than $\$ 723,000$ for amounts allegedly owed under the 2007 management agreement. On April 27, 2011, Lyondell Chemical filed an objection to Nell s claim and, together with LyondellBasell N.V. (successor to LyondellBasell AF) and LBIH, brought a declaratory judgment action in the Bankruptcy Court for a determination that Nell and BI s demands are not valid. By a Joint Stipulated Order dated June 13, 2011, the declaratory judgment action is stayed pending the outcome of the Weisfelner lawsuit.

We do not believe that the management agreement is in effect or that the Company, LBIH, or any other Company-affiliated entity owes any obligations under the management agreement. We intend to defend vigorously our position in any proceedings and against any claims or demands that may be asserted.

We cannot at this time estimate the reasonably possible loss or range of loss that Nell, Access, or their affiliates may incur as a result of the lawsuit; therefore, we cannot at this time estimate the reasonably possible loss or range of loss that Nell, Access, or their affiliates may seek from LBIH by way of indemnity.

Indemnification We are parties to various indemnification arrangements, including arrangements entered into in connection with acquisitions, divestitures and the formation of joint ventures. Pursuant to these arrangements, we provide indemnification to and/or receive indemnification from other parties in connection with liabilities that may

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

arise in connection with the transactions and in connection with activities prior to completion of the transactions. These indemnification arrangements typically include provisions pertaining to third party claims relating to environmental and tax matters and various types of litigation. As of June 30, 2012, we had not accrued any significant amounts for our indemnification obligations, and we are not aware of other circumstances that would likely lead to significant future indemnification obligations. We cannot determine with certainty the potential amount of future payments under the indemnification arrangements until events arise that would trigger a liability under the arrangements.

In addition, at the time of Basell s formation in 2005, the Company entered into agreements with Shell and BASF whereby they agreed to indemnify Basell and its successors for a significant portion of the potential obligations that could arise with respect to costs relating to contamination at various sites. These indemnity obligations are currently in dispute. Also, the agreements involving the purchase of the Berre cracker and Berre refinery include similar indemnities from Shell to Basell and its successors. These indemnity obligations are also currently in dispute.

As part of certain of our technology licensing contracts, we give indemnifications to various licensees for liabilities arising from possible patent infringement claims with respect to certain proprietary licensedtechnologies. Such indemnifications have a stated maximum amount and generally cover a period of five to ten years.

Other We previously identified an agreement related to a former project in Kazakhstan under which a payment was made that raises compliance concerns under the U.S. Foreign Corrupt Practices Act (the FCPA ). We have engaged outside counsel to investigate these activities, under the oversight of the Audit Committee of the Supervisory Board, and to evaluate internal controls and compliance policies and procedures. In this respect, we may not have conducted business in compliance with the FCPA and may not have had policies and procedures in place adequate to ensure compliance. We made a voluntary disclosure of these matters to the U.S. Department of Justice and are cooperating fully with that agency. We cannot predict the ultimate outcome of these matters at this time since our investigations are ongoing. Therefore, we cannot reasonably estimate a range of liability for any potential penalty resulting from these matters. Violations of these laws could result in criminal and civil liabilities and other forms of relief that could be material to us.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 15. Stockholders Equity and Non-Controlling Interests

Dividend distribution In June 2012, we paid a dividend to all shareholders of record as of May 11, 2012 of $\$ 0.40$ per share, for an aggregate of \$230 million.

Ordinary shares The changes in the outstanding amounts of ordinary shares issued were as follows:

|  | Six Months Ended June 30, |  |
| :---: | :---: | :---: |
|  | 2012 | 2011 |
| Ordinary shares outstanding: |  |  |
| Balance at beginning of period | 573,390,514 | 565,676,222 |
| Share-based compensation | 788,474 | 209,557 |
| Warrants exercised | 616,774 | 2,928,918 |
| Balance at end of period | 574,795,762 | 568,814,697 |
| Ordinary shares held as treasury shares: |  |  |
| Balance at beginning of period | 4,051,013 | 1,122,651 |
| Warrants exercised | 271,885 | 410,039 |
| Share-based compensation | $(788,474)$ | $(209,013)$ |
| Balance at end of period | 3,534,424 | 1,323,677 |
| Ordinary shares issued at end of period | 578,330,186 | 570,138,374 |

Non-controlling Interests Losses attributable to non-controlling interests consisted of the following components:

|  | Six Months Ended June 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Millions of dollars | 2012 |  | 2011 |  |
| Non-controlling interests comprehensive income (loss): |  |  |  |  |
| Net income (loss) attributable to non-controlling interests | \$ | (3) | \$ | 7 |
| Fixed operating fees paid to Lyondell Chemical by the PO/SM II partners |  | -- |  | (11) |
| Comprehensive loss attributable to non-controlling interests | \$ | (3) | \$ | (4) |

## 16. Per Share Data

Basic earnings per share are based upon the weighted average number of shares of common stock outstanding during the periods. Diluted earnings per share includes the effect of certain stock option awards. We have unvested restricted stock and restricted stock units that are considered participating securities for earnings per share.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Earnings per share data and dividends declared per share of common stock were as follows:

| Millions of dollars | Three Months Ended |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, 2012 |  |  |  | June 30, 2011 |  |  |  |
|  | Continuing Operations |  | Discontinued Operations |  | Continuing Operations |  | Discontinued Operations |  |
| Basic: |  |  |  |  |  |  |  |  |
| Net income (loss) | \$ | 768 | \$ | -- | \$ | 851 | \$ | (48) |
| Net loss attributable to non-controlling interests |  | 2 |  | -- |  | 1 |  | -- |
| Net income (loss) attributable to the Company |  | 770 |  | -- |  | 852 |  | (48) |
| Net income attributable to participating securities |  | (3) |  | -- |  | (5) |  | -- |
| Net income (loss) attributable to ordinary shareholders | \$ | 767 | \$ | -- | \$ | 847 | \$ | (48) |
| Diluted: |  |  |  |  |  |  |  |  |
| Net income (loss) | \$ | 768 | \$ | -- | \$ | 851 | \$ | (48) |
| Net loss attributable to non-controlling interests |  | 2 |  | -- |  | 1 |  | -- |
| Net income (loss) attributable to the Company |  | 770 |  | -- |  | 852 |  | (48) |
| Net income attributable to participating securities |  | (3) |  | -- |  | (5) |  | -- |
| Effect of dilutive securities warrants |  | -- |  | -- |  | (6) |  | -- |
| Net income (loss) attributable to ordinary shareholders | \$ | 767 | \$ | -- | \$ | 841 | \$ | (48) |
| Millions of shares |  |  |  |  |  |  |  |  |
| Basic weighted average common stock outstanding |  | 573 |  | -- |  | 566 |  | 566 |
| Effect of dilutive securities: |  |  |  |  |  |  |  |  |
| Warrants |  | -- |  | -- |  | 6 |  | 6 |
| Stock options |  | 3 |  | -- |  | 3 |  | 3 |
| MTI |  | 1 |  | -- |  | -- |  | -- |
| Potential dilutive shares |  | 577 |  | -- |  | 575 |  | 575 |
| Earnings (loss) per share: |  |  |  |  |  |  |  |  |
| Basic | \$ | 1.34 | \$ | -- | \$ | 1.49 | \$ | (0.08) |
| Diluted | \$ | 1.33 | \$ | -- | \$ | 1.46 | \$ | (0.08) |
| Millions of shares |  |  |  |  |  |  |  |  |
| Anti-dilutive stock options |  | 0.1 |  | -- |  | -- |  | -- |
| Participating securities |  | 3.7 |  | -- |  | 3.6 |  | 3.6 |
| Dividends declared per share of common stock | \$ | 0.40 | \$ | -- | \$ | 0.10 | \$ | -- |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

| Millions of dollars | Six Months Ended |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, 2012 |  |  |  | June 30, 2011 |  |  |  |
|  | Continuing Operations |  | Discontinued Operations |  | Continuing Operations |  | Discontinued Operations |  |
| Basic: |  |  |  |  |  |  |  |  |
| Net income (loss) | \$ | 1,362 | \$ | 5 | \$ | 1,533 | \$ | (70) |
| Net loss attributable to non-controlling interests |  | 3 |  | -- |  | 4 |  | -- |
| Net income (loss) attributable to the Company |  | 1,365 |  | 5 |  | 1,537 |  | (70) |
| Net income attributable to participating securities |  | (6) |  | -- |  | (9) |  | -- |
| Net income (loss) attributable to ordinary shareholders | \$ | 1,359 | \$ | 5 | \$ | 1,528 | \$ | (70) |
| Diluted: |  |  |  |  |  |  |  |  |
| Net income (loss) | \$ | 1,362 | \$ | 5 | \$ | 1,533 | \$ | (70) |
| Net loss attributable to non-controlling interests |  | 3 |  | -- |  | 4 |  | -- |
| Net income (loss) attributable to the Company |  | 1,365 |  | 5 |  | 1,537 |  | (70) |
| Net income attributable to participating securities |  | (6) |  | -- |  | (9) |  | -- |
| Net income (loss) attributable to ordinary shareholders | \$ | 1,359 | \$ | 5 | \$ | 1,528 | \$ | (70) |
| Millions of shares |  |  |  |  |  |  |  |  |
| Basic weighted average common stock outstanding |  | 572 |  | 572 |  | 566 |  | 566 |
| Effect of dilutive securities: |  |  |  |  |  |  |  |  |
| MTI |  | 1 |  | 1 |  | -- |  | - |
| Stock options |  | 3 |  | 3 |  | 3 |  | 3 |
| Potential dilutive shares |  | 576 |  | 576 |  | 569 |  | 569 |
| Earnings (loss) per share: |  |  |  |  |  |  |  |  |
| Basic | \$ | 2.37 | \$ | 0.01 | \$ | 2.70 | \$ | (0.12) |
| Diluted | \$ | 2.36 | \$ | 0.01 | \$ | 2.68 | \$ | (0.12) |
| Millions of shares |  |  |  |  |  |  |  |  |
| Anti-dilutive warrants |  | 0.2 |  | 0.2 |  | 8.2 |  | 8.2 |
| Participating securities |  | 3.7 |  | 3.7 |  | 3.6 |  | 3.6 |
| Dividends declared per share of common stock | \$ | 0.65 | \$ | -- | \$ | 0.10 | \$ | -- |

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

## 17. Segment and Related Information

We operate in five business segments. The marketing of oxyfuels was aligned with the sale of products from the refining business, particularly related to the Berre refinery. However, with the closure of the Berre refinery, responsibility for business decisions relating to oxyfuels has been moved to our I\&D business management function as the profits generated by oxyfuels products are related to sourcing decisions regarding certain co-products of propylene oxide production. As a result, the oxyfuels business is now reflected in our I\&D segment. All comparable periods presented have been revised to reflect this change. Our five segments consist of the following:

Olefins and Polyolefins Americas ( O\&P-Americas ), primarily manufacturing and marketing of olefins, including ethylene and its co-products, primarily propylene, butadiene, and aromatics, which include benzene and toluene; polyolefins, including polyethylene, comprising high density polyethylene ( HDPE ), low density polyethylene ( LDPE ) and linear low density polyethylene, and polypropylene; and Catalloy process resins;

Olefins and Polyolefins Europe, Asia, International ( O\&P EAI ), primarily manufacturing and marketing of olefins, including ethylene and its co-products, primarily propylene and butadiene; polyolefins, including polyethylene, comprising HDPE, LDPE, and polypropylene; polypropylene-based compounds, materials and alloys ( PP compounds ), Catalloy process resins and polybutene-1 polymers;

Intermediates and Derivatives ( I\&D ), primarily manufacturing and marketing of propylene oxide ( PO ); PO co-products, including styrene and the TBA intermediates tertiary butyl alcohol ( TBA ), isobutylene and tertiary butyl hydroperoxide; PO derivatives, including propylene glycol, propylene glycol ethers and butanediol; ethylene derivatives, including ethylene glycol, ethylene oxide ( EO ), other EO derivatives; acetyls, including vinyl acetate monomer, acetic acid and methanol; and oxygenated fuels, or oxyfuels, such as methyl tertiary butyl ether ( MTBE ) and ethyl tertiary butyl ether ( ETBE );

Refining, primarily manufacturing and marketing of refined petroleum products, including gasoline, ultra-low sulfur diesel, jet fuel, lubricants, and alkylate; and

Technology, primarily licensing of polyolefin process technologies and supply of polyolefin catalysts and advanced catalysts.

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

Summarized financial information concerning reportable segments is shown in the following table for the periods presented:


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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)



| Millions of dollars | Olefins and Polyolefins America | $\begin{array}{r} \mathrm{O} \\ \mathrm{Pol}_{2} \\ \mathbf{A} \\ \text { Snter } \end{array}$ | lefins <br> and yolefins Europe, sia \& I nationad |  | mediates rivatives |  | fining |  | nology |  | Other |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Six Months Ended June 30, 2011 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Sales and other operating revenues: |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Customers | \$ 5,260 | \$ | 8,053 | \$ | 4,789 | \$ | 6,354 | \$ | 212 | \$ | 18 | \$ 24,686 |  |
|  | 2,322 |  | 227 |  | 78 |  | 509 |  | 53 |  | $(3,189)$ |  | - - |
|  | 7,582 |  | 8,280 |  | 4,867 |  | 6,863 |  | 265 |  | $(3,171)$ | 24,686 |  |
| Operating income | 929 |  | 378 |  | 603 |  | 416 |  | 89 |  | (10) |  | 2,405 |
| Income from equity investments | 11 |  | 112 |  | 8 |  | -- |  | -- |  | -- |  | 131 |

Sales and other operating revenues and operating income in the Other column above include elimination of intersegment transactions.

In the second quarter and first six months of 2012, operating results of the O\&P Americas segment include charges of $\$ 40$ million and $\$ 81$ million, respectively, related to the interim liquidation of LIFO inventory, which is expected to be sustained through the end of the year. Inventory levels, which were increased in the fourth quarter 2011 in preparation for a turnaround at our Channelview, Texas facility, decreased during the first six months of 2012 following the commencement of the turnaround. Operating results for O\&P-Americas also include a lower of cost or market inventory valuation adjustment of $\$ 71$ million in the second quarter 2012. Also in the first six months of

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## LYONDELLBASELL INDUSTRIES N.V.

## NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS (Continued)

2012, operating results for the O\&P-EAI segment included a charge of $\$ 22$ million for impairment of assets at our Wesseling, Germany site. Operating results for second quarter and first six months of 2012 include benefits of $\$ 29$ million, $\$ 18$ million, and $\$ 53$ million associated with insurance settlements related to Hurricane Ike for the O\&P Americas, I\&D, and Refining segments, respectively.

## 18. Subsequent Events

LyondellBasell N.V. has evaluated subsequent events through the date the financial statements were issued. Subsequent events have been disclosed throughout the document.

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## Item 2. MANAGEMENT S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

## GENERAL

This discussion and analysis should be read in conjunction with the information contained in our Consolidated Financial Statements and the accompanying notes elsewhere in this report. When we use the terms we, us, our or similar words in this discussion, unless the context otherwise requires, we are referring to LyondellBasell Industries N.V. and its consolidated subsidiaries.

In addition to comparisons of current operating results with the same period in the prior year, we have included trailing quarter comparisons of our second quarter 2012 operating results to our results in the first quarter 2012. Because many of our businesses are highly cyclical and also subject to some less significant seasonal effects, trailing quarter comparisons may offer important insight into current business direction.

References to industry benchmark prices or costs, including the weighted average cost of ethylene production, are generally to industry prices and costs reported by CMAI. However, references to industry benchmarks for refining and oxyfuels market margins are to industry prices reported by Platts, a reporting service of The McGraw-Hill Companies, and crude oil and natural gas benchmark price references are to Bloomberg.

## OVERVIEW

Our results of operation for the second quarter and first six months of 2012 reflect strong performance despite the continued uncertainties caused by the Eurozone crisis and the reduced growth outlook for China. We continue to focus on safe, reliable operations, cost reductions, particularly in Europe, and disciplined growth. We believe this strategy allows us to generate solid results even while facing challenges due to external factors. Significant items that affected our second quarter 2012 results include:

The continued benefit in the U.S. from an abundance of low cost, natural gas liquids ( NGLs ) supply

Falling raw materials costs in Europe, which declined faster than our sales prices, helping to at least temporarily improve olefins margins in that region

Depressed by-product spreads relative to the price of crude oil, which negatively affected our refining results, although the impact was mitigated somewhat by strong operational performance, with the Houston refinery operating at near capacity
Other noteworthy items during the first six months of 2012, include the following:

We ceased the under-performing operations at the Berre refinery in early January 2012.

We completed the refinancing of nearly $\$ 3$ billion of our debt with new debt issuances of unsecured senior notes, significantly improving our debt structure and replaced our $\$ 2$ billion U.S. ABL Facility with an unsecured revolving credit facility.

We increased our interim dividend during the second quarter by $60 \%$.
We expect that through the rest of 2012, we may continue to face challenges related to uncertainties in Europe and the negative effects on global economic conditions. Our performance is driven by global economic conditions generally and their impact on demand for our products. Additionally, raw material and energy prices significantly impact our operating results. Finally, industry-specific issues, such as our own production capacity and capacity within the chemicals and refining industries, can have material effects on our results of operations.

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Results of operations for the periods discussed are presented in the table below.

|  | Three Months Ended June 30, |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars | 2012 |  | 2011 | 2012 |  | 2011 |
| Sales and other operating revenues | \$ 11,248 | \$ | 13,306 | \$ 22,982 | \$ | 24,686 |
| Cost of sales | 9,561 |  | 11,704 | 20,093 |  | 21,741 |
| Selling, general and administrative expenses | 201 |  | 236 | 424 |  | 451 |
| Research and development expenses | 37 |  | 56 | 76 |  | 89 |
| Operating income | 1,449 |  | 1,310 | 2,389 |  | 2,405 |
| Interest expense | (411) |  | (176) | (510) |  | (339) |
| Interest income | 2 |  | 13 | 6 |  | 20 |
| Other income (expense), net | 8 |  | 47 | 7 |  | (3) |
| Income from equity investments | 27 |  | 73 | 73 |  | 131 |
| Reorganization items | (1) |  | (28) | 4 |  | (30) |
| Provision for income taxes | 306 |  | 388 | 607 |  | 651 |
| Income from continuing operations | 768 |  | 851 | 1,362 |  | 1,533 |
| Income (loss) from discontinued operations, net of tax | -- |  | (48) | 5 |  | (70) |
| Net income | 768 | \$ | 803 | \$ 1,367 | \$ | 1,463 |

## RESULTS OF OPERATIONS

Revenues Revenues decreased by $\$ 2,058$ million, or $15 \%$, in the second quarter 2012 compared to the second quarter 2011 and by $\$ 1,704$ million, or $7 \%$, in the first six months of 2012 compared to the first six months of 2011. Lower average product prices were responsible for revenue decreases of $9 \%$ in the second quarter 2012 and $3 \%$ in the first six months of 2012 while lower average sales volumes contributed $6 \%$ and $4 \%$ to the revenue deceases in the second quarter and first six months of 2012, respectively. Sales volumes averaged lower in the second quarter and first six months of 2012 for most products except those in the refining segment, which remained relatively unchanged.

Cost of Sales The decrease in cost of sales of $\$ 2,143$ million in the second quarter 2012 and $\$ 1,648$ million in the first six months of 2012 primarily reflects lower raw material costs, compared to the second quarter and first six months of 2011. The lower prices of NGL-based liquid raw materials, particularly ethane, and to a lesser extent, heavy liquids-based raw materials, used in North American olefins contributed to the decreases in cost of sales in the second quarter and first six months of 2012. At the Houston refinery, the lower prices of crude oil in the second quarter 2012 substantially offset the effect of the higher crude oil prices seen in the first quarter 2012. The benefit of falling raw material costs, including ethylene and propylene, benefited cost of sales in the I\&D segment, while the falling cost of naphtha benefited the O\&P EAI segment $s$ cost of sales.

Cost of sales in the second quarter and first six months of 2012 included a $\$ 100$ million benefit associated with an insurance settlement related to Hurricane Ike, which affected the U.S. Gulf Coast in 2008. The benefit was partially offset by a $\$ 71$ million lower of cost or market inventory valuation adjustment in our O\&P-Americas segment. Cost of sales for the first six months of 2012 also included a $\$ 22$ million charge for impairment of assets, primarily related to damage to our LDPE plant in Wesseling, Germany resulting from an explosion in a reactor bay in January 2012.

SG\&A Expenses Selling, general and administrative expenses in the second quarter and first six months of 2012 were lower by $\$ 35$ million and $\$ 27$ million, respectively, compared to the same periods in 2011, primarily as a result of charges in the 2011 periods related to employee compensation associated with the rationalization of certain functional organizations.

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R\&D Expenses Research and development expenses in the second quarter and first six months of 2012 decreased $\$ 19$ million and $\$ 13$ million, respectively, compared to the second quarter and first six months of 2011. The higher R\&D expenses in the 2011 periods were a result of charges totaling $\$ 16$ million in the second quarter and first six months of 2011 related to employee severance and asset retirement obligations associated with the relocation of an R\&D facility

Operating Income Second quarter 2012 operating income reflects the effect of higher operating results in all of our segments except for the Refining segment, which had lower results compared to the second quarter 2011. The slight decrease in operating income for the first six months of 2012 reflects lower operating results for our O\&P-EAI, Refining and Technology segments, partially offset by higher operating results for our O\&P-Americas and I\&D segments, compared to the first six months of 2011. Results for each of our business segments are reviewed further in the Segment Analysis section below.

Interest Expense The $\$ 235$ million and $\$ 171$ million increases in interest expense in the second quarter and first six months of 2012, compared to the same periods in 2011, were primarily due to the payment of premiums and the write-off of unamortized debt issuance costs associated with the repayment of the $8 \%$ senior notes due 2017 and $11 \%$ senior notes due 2018 in the second quarter 2012. In connection with the redemption of these notes, we paid premiums totaling $\$ 294$ million and wrote off $\$ 18$ million in capitalized debt issuance costs. In addition, another $\$ 17$ million of capitalized debt issuance costs were written off as a result of the termination of the ABL credit facility in May 2012. These increases were partially offset by the lower interest expense that resulted from refinancing notes bearing interest of $8 \%$ and $11 \%$ per annum with our 5\% senior notes due 2019 and $5.75 \%$ senior notes due 2024, both issued in April 2012, and our 6\% senior notes due 2021 issued in November 2011.

Income from Equity Investments Income from equity investments decreased $\$ 46$ million and $\$ 58$ million in the second quarter and first six months of 2012, compared to the second quarter and first six months of 2011. These decreases are primarily due to lower operating results of our joint ventures in the Middle East and Asia, which were primarily driven by lower average sales prices and in the six months of 2012, by higher raw material costs and unplanned outages.

Income Tax The effective tax rate for the second quarter of 2012 was $28.5 \%$ compared with $31.3 \%$ for the second quarter of 2011. For the first six months of 2012, the effective tax rate was $30.8 \%$ compared with $29.8 \%$ for the first six months of 2011 . Our effective tax rate fluctuates based on, among other factors, pretax income in countries with lower statutory tax rates, nontaxable income related to joint venture equity earnings, notional royalties, the U.S. domestic production activity deduction, changes in valuation allowance and unrecognized tax benefits. Compared with the second quarter of 2011 , the effective tax rate for the second quarter of 2012 was lower due to deductible foreign currency losses offset with increases in unrecognized tax benefits. When comparing differences within the effective tax rates for the first six months of 2012 and 2011, increases to the effective tax rate related to unrecognized tax benefits were offset by deductible foreign currency losses and a reduction in non-deductible charges.

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Income from Continuing Operations The following table summarizes the major components contributing to income from continuing operations:

|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars |  | 2012 |  | 011 | 2012 |  | 011 |
| Operating income |  | 1,449 | \$ | 1,310 | \$ 2,389 | \$ | 2,405 |
| Interest expense, net |  | (409) |  | (163) | (504) |  | (319) |
| Other income (expense), net |  | 8 |  | 47 | 7 |  | (3) |
| Income from equity investments |  | 27 |  | 73 | 73 |  | 131 |
| Reorganization items |  | (1) |  | (28) | 4 |  | (30) |
| Provision for income taxes |  | 306 |  | 388 | 607 |  | 651 |
| Income from continuing operations | \$ | 768 | \$ | 851 | \$ 1,362 | \$ | 1,533 |

Income (Loss) from Discontinued Operations, Net of Tax The improvement in the results of our discontinued operations in the second quarter and first six months of 2012, compared to the corresponding periods in 2011, primarily reflects the liquidation of product inventory following the suspension of operations at the Berre refinery in early January 2012. Results for the second quarter and first six months of 2012 reflect pretax benefits of $\$ 7$ million and $\$ 49$ million, respectively, related to the liquidation of the Berre refinery s product inventory following the suspension of operations.

Comprehensive Income Comprehensive income for the second quarter and first six months of 2012 decreased by $\$ 531$ million and $\$ 764$ million, respectively, compared to the second quarter and first six months of 2011, primarily as a result of currency translation adjustments arising from the financial statements of our non-U.S. subsidiaries with functional currencies other than the U.S. dollar. The predominant local currency of our operations outside of the United States is the Euro. The value of the U.S. dollar relative to the Euro increased in the second quarter and first six months of 2012 but decreased in the corresponding periods of 2011 resulting in losses in 2012 and gains in 2011 as reflected in the Statements of Comprehensive Income.

Second Quarter 2012 versus First Quarter 2012 We had income from continuing operations of \$768 million in the second quarter 2012 compared to $\$ 594$ million in the first quarter 2012. Income from continuing operations in the second quarter included a $\$ 100$ million pretax benefit related to an insurance settlement associated with Hurricane Ike and a $\$ 71$ million pretax charge related to the lower of cost or market valuation adjustment for our O\&P-Americas segment. First quarter income from continuing operations included pretax charges totaling $\$ 32$ million related to the impairment of assets and the fair value adjustment of our outstanding warrants.

Apart from these items, income in the second quarter primarily reflected higher operating results in our business segments. The improvement in our second quarter operating results primarily reflected higher olefins margins in our O\&P-Americas and O\&P-EAI segments, higher margins for propylene oxide co-products in our I\&D segment and higher refining margins. The improvements were partially offset by higher interest expense in the second quarter, primarily reflecting $\$ 294$ million of pretax charges related to premiums and other fees related to the $\$ 2,676$ million prepayment of debt in the second quarter. Interest expense in the second quarter also included a pretax charge of $\$ 35$ million related to the write off of unamortized debt issuance costs.

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## Segment Analysis

Our continuing operations are divided into five reportable segments: O\&P Americas; O\&P EAI; I\&D; Refining; and Technology. Beginning in the second quarter 2012, the operations of our Berre refinery in France are being reported as discontinued operations for all periods presented. In addition, beginning in the second quarter 2012, our oxyfuels business, which was previously managed in conjunction with our refining operations and included in our Refining segment, is included in our I\&D segment. Accordingly, all comparable periods presented have been revised to reflect the results of our oxyfuels business in our I\&D segment. For additional information related to the Berre refinery and the realignment of the oxyfuels business, see Footnotes 3 and 17 to the Consolidated Financial Statements.

| Millions of dollars | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2012 |  | 2011 |  | 2012 |  | 011 |
| Sales and other operating revenues: |  |  |  |  |  |  |  |  |
| O\&P Americas segment | \$ | 3,283 | \$ | 4,010 | \$ | 6,632 | \$ | 7,582 |
| O\&P EAI segment |  | 3,575 |  | 4,292 |  | 7,473 |  | 8,280 |
| I\&D segment |  | 2,285 |  | 2,536 |  | 4,770 |  | 4,867 |
| Refining segment |  | 3,496 |  | 3,996 |  | 6,699 |  | 6,863 |
| Technology segment |  | 115 |  | 126 |  | 234 |  | 265 |
| Other, including intersegment eliminations |  | $(1,506)$ |  | $(1,654)$ |  | $(2,826)$ |  | $(3,171)$ |
| Total |  | 11,248 | \$ | 13,306 |  | 22,982 | \$ | 24,686 |


| Operating income: |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| O\&P Americas segment | \$ | 700 | \$ | 508 | \$ | 1,219 | \$ | 929 |
| O\&P EAI segment |  | 203 |  | 203 |  | 206 |  | 378 |
| I\&D segment |  | 390 |  | 327 |  | 760 |  | 603 |
| Refining segment |  | 124 |  | 258 |  | 134 |  | 416 |
| Technology segment |  | 30 |  | 23 |  | 68 |  | 89 |
| Other, including intersegment eliminations |  | 2 |  | (9) |  | 2 |  | (10) |
| Total | \$ | 1,449 | \$ | 1,310 | \$ | 2,389 | \$ | 2,405 |
| Income (loss) from equity investments: |  |  |  |  |  |  |  |  |
| O\&P Americas segment | \$ | 4 | \$ | 8 | \$ | 10 | \$ | 11 |
| O\&P EAI segment |  | 29 |  | 61 |  | 69 |  | 112 |
| I\&D segment |  | (6) |  | 4 |  | (6) |  | 8 |
| Total | \$ | 27 | \$ | 73 | \$ | 73 | \$ | 131 |

## Olefins and Polyolefins Americas Segment

Overview The U.S. ethylene industry continues to benefit from processing NGLs. Ethylene produced from NGLs in North America is currently lower in cost compared to that produced from crude oil-based liquids, which is the predominant feedstock used in the rest of the world.

Ethylene margins were stronger in the second quarter and first six months of 2012 compared to the second quarter and first six months of 2011 primarily due to lower prices for ethane raw materials. While polypropylene ( PP ) results in the second quarter 2012 were stronger due to higher margins, results in the first six months of 2012 were relatively unchanged compared to the same period in 2011. Polyethylene results were higher in the second quarter 2012 primarily due to higher product margins compared to the second quarter 2011, while results in the first six months of 2012 were lower than the prior year period primarily due to lower margins driven by lower average sales prices.

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Ethylene Raw Materials Benchmark crude oil and natural gas prices generally have been indicators of the level and direction of the movement of raw material and energy costs for ethylene and its co-products in the O\&P Americas segment. Ethylene and its co-products are produced from two major raw material groups:
crude oil-based liquids ( liquids or heavy liquids ), including naphtha, condensates, and gas oils, the prices of which are generally related to crude oil prices; and

NGLs, principally ethane and propane, the prices of which are generally affected by natural gas prices.
Although the prices of these raw materials are generally related to crude oil and natural gas prices, during specific periods the relationships among these materials and benchmarks may vary significantly.

In the U.S., we have significant capability to shift the ratio of raw materials used in the production of ethylene and its co-products to take advantage of the relative costs of heavy liquids and NGLs.

Production economics for the U.S. industry have continued to favor NGLs throughout 2012. As a result, we have maintained our focus on maximizing the use of NGLs at our U.S. plants. Approximately $85 \%$ of our ethylene production was from NGLs during the second quarter and first six months of 2012.

During the second quarter 2011, approximately $80 \%$ of our ethylene production was from NGLs. A temporary disruption of NGLs deliveries by one of our suppliers in the first quarter 2011 modestly reduced the rate of utilization for the first six months of 2011 to approximately $75 \%$. Based on current trends and assuming the price of crude oil remains at a high level relative to natural gas, we would expect production economics in the U.S. to continue to favor NGLs for the near and mid-term.

The following table shows the average U.S. benchmark prices for crude oil and natural gas for the applicable periods, as well as benchmark U.S. sales prices for ethylene and propylene, which we produce and sell or consume internally, and certain polyethylene and polypropylene products. The benchmark weighted average cost of ethylene production, which reflects credits for co-product sales, is based on CMAI s estimated ratio of heavy liquid raw materials and NGLs used in U.S. ethylene production. Benchmark prices for polyethylene and polypropylene reflect discounted prices.

|  | Average Benchmark Price and Percent Change <br> Versus Prior Year Period Average |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} \text { Three Months Ended } \\ \text { June 30, } \\ 2012 \quad 2011 \end{gathered}$ |  | Change | $\begin{gathered} \text { Six Mon } \\ \text { Jur } \\ 2012 \end{gathered}$ | Ended 0, 2011 | Change |
| Crude oil - dollars per barrel: |  |  |  |  |  |  |
| WTI | 93.4 | 102.3 | (9)\% | 98.2 | 98.5 | (0)\% |
| LLS | 108.2 | 118.3 | (9)\% | 114.0 | 113.2 | 1\% |
| Natural gas (Henry Hub) dollars per million BTUs | 2.3 | 4.4 | (47)\% | 2.5 | 4.3 | (42)\% |
| Weighted average U.S. cost of ethylene production - cents per pound | 18.4 | 33.8 | (46)\% | 23.4 | 33.2 | (29)\% |
| United States - cents per pound: |  |  |  |  |  |  |
| Ethylene | 46.9 | 57.5 | (18)\% | 50.9 | 53.4 | (5)\% |
| Polyethylene (HD) | 63.0 | 68.7 | (8)\% | 65.0 | 65.2 | (0)\% |
| Propylene - polymer grade | 64.2 | 87.3 | (27)\% | 65.7 | 79.5 | (17)\% |
| Polypropylene | 76.7 | 99.7 | (23)\% | 78.9 | 94.5 | (16)\% |

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The following table sets forth the O\&P Americas segment s sales and other operating revenues, operating income, income from equity investments and selected product sales volumes.

|  | Three Months Ended June 30, |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2012 |  | 2011 | 2012 |  | 2011 |
| Millions of dollars |  |  |  |  |  |  |
| Sales and other operating revenues | \$ 3,283 | \$ | 4,010 | \$ 6,632 | \$ | 7,582 |
| Operating income | 700 |  | 508 | 1,219 |  | 929 |
| Income from equity investments | 4 |  | 8 | 10 |  | 11 |
| Production Volumes, in millions of pounds |  |  |  |  |  |  |
| Ethylene | 2,134 |  | 1,929 | 4,122 |  | 4,018 |
| Propylene | 615 |  | 556 | 1,148 |  | 1,325 |
| Sales Volumes, in millions of pounds |  |  |  |  |  |  |
| Polyethylene | 1,316 |  | 1,377 | 2,764 |  | 2,782 |
| Polypropylene | 634 |  | 611 | 1,284 |  | 1,196 |

Revenues O\&P Americas revenues decreased by $\$ 727$ million, or $18 \%$, in the second quarter 2012 compared to the second quarter 2011, and $\$ 950$ million, or $13 \%$, in the first six months of 2012 compared to the first six months of 2011. Lower average sales prices across most products in the second quarter 2012 were responsible for a revenue decrease of $12 \%$ and lower sales volumes, primarily in olefins, resulted in a $6 \%$ decline in revenues compared to the prior year period. In the first six months of 2012, lower olefins sales volumes decreased revenue by $8 \%$ while lower sales prices resulted in a $5 \%$ decrease in revenue compared to the first six months of 2011. Sales volumes for polyolefins (polyethylene and polypropylene) in the second quarter and first six months of 2012 were comparable to those in the same periods in 2011.

Operating Income Operating income for the O\&P Americas segment in the second quarter and first six months of 2012 increased by $\$ 192$ million and $\$ 290$ million, respectively, compared to the second quarter and first six months of 2011. Operating results for the second quarter 2012 included a $\$ 71$ million lower of cost or market inventory valuation adjustment. This charge and the negative impact resulting from reduced production during a turnaround at our Channelview, Texas facility, were partially offset by a $\$ 29$ million benefit associated with an insurance settlement related to Hurricane Ike.

The increase in results of the underlying operations of the O\&P-Americas segment in the second quarter and first six months of 2012 was primarily the result of higher margins for ethylene. The higher ethylene margins reflect the price decreases for ethane and propane, which outpaced decreases in the price of ethylene. Second quarter 2012 polyethylene results were higher compared to the second quarter 2011 as the decreases in the prices of raw material, ethylene, outpaced sales price decreases. Polyethylene results in the first six months of 2012 were lower than the same period in 2011 as the volatility in pricing and raw material costs resulted in a shift of profitability from polyethylene to olefins, primarily in the first quarter 2012. Results for polypropylene were relatively unchanged in the first six months of 2012 compared to the same period in 2011.

Second Quarter 2012 versus First Quarter 2012 The O\&P Americas segment had operating income of $\$ 700$ million in the second quarter 2012, compared to $\$ 519$ million in the first quarter 2012. The $\$ 71$ million lower of cost or market inventory valuation adjustment in the second quarter was partially offset by a $\$ 29$ million benefit associated with an insurance settlement related to Hurricane Ike. Operating results for the first two quarters of 2012 were impacted by the turnaround at our Channelview, Texas facility, which was completed in April 2012. Underlying operations of the O\&P-Americas segment reflected higher margins across all businesses, mainly olefins, which saw a decline in the cost of NGL-based raw materials, particularly ethane and propane, over the second quarter. Second quarter polyethylene margins were higher as decreases in the price of raw material, ethylene, outpaced the decreases in average sales prices. Lower raw material costs coupled with higher average sales prices resulted in higher second quarter polypropylene margins. Polyolefins sales volumes decreased approximately $7 \%$ in the second quarter compared to the first quarter, but showed an increasing trend over the quarter.

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## Olefins and Polyolefins Europe, Asia and International Segment

Overview Market conditions, particularly in Europe, were weak during the second quarter 2012 amid economic uncertainty despite indications in the first quarter 2012 of improvement over the weak conditions seen in late 2011. As a result, European demand for ethylene and polyolefins declined in the second quarter and first six months of 2012 compared to the 2011 periods.

Although second quarter 2012 operations for the O\&P-EAI segment reflected weak demand for olefins and commodity polyolefins, stronger olefins margins resulting from decreases in the naphtha feedstock price resulted in higher second quarter results as compared to the first quarter 2012. The benefit seen from the timing of pricing mechanisms related to naphtha and olefins is not expected to continue into the third quarter.

Lower margins for commodity polyolefins and lower sales volumes contributed to the lower results in both 2012 periods, compared to the same periods in 2011, and very low first quarter olefins margins resulted in lower overall olefins margins in the first six months of 2012. Lower sales volumes in the second quarter and first six months of 2012 reflect weaker demand and the willingness of some customers to delay purchases in anticipation of lower prices. The global PP compounds business, which includes North and South America, had consistent performance across all periods.

Ethylene Raw Materials In Europe, heavy liquids are the primary raw materials for our ethylene production.
The following table shows the average West Europe benchmark prices for Brent crude oil for the applicable periods, as well as benchmark West Europe prices for ethylene and propylene, which we produce and consume internally or purchase from unrelated suppliers, and certain polyethylene and polypropylene products. Benchmark prices for West Europe polyethylene and polypropylene reflect discounted prices.

|  | Average Benchmark Price and Percent Change Versus Prior Year Period Average |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Three Months Ended June 30, |  |  | Six Months Ended June 30, |  | Change |
|  | 2012 | 2011 | Change | 2012 | 2011 |  |
| Brent crude oil - dollars per barrel | 108.76 | 115.95 | (6)\% | 113.46 | 110.80 | $2 \%$ |
| Western Europe benchmark prices |  |  |  |  |  |  |
| Weighted average cost of ethylene production - 0.01 per pound | 31.7 | 35.4 | (10)\% | 38.5 | 35.0 | 10\% |
| Ethylene | 58.6 | 54.7 | 7\% | 56.8 | 53.4 | 7\% |
| Polyethylene (HD) | 60.9 | 59.3 | 3\% | 59.7 | 57.6 | 4\% |
| Propylene | 54.1 | 55.3 | (2)\% | 52.1 | 53.1 | (2)\% |
| Polypropylene (homopolymer) | 60.4 | 63.8 | (5)\% | 59.2 | 62.6 | (5)\% |
| Average Exchange Rate - \$US per | 1.2844 | 1.4394 | (11)\% | 1.2975 | 1.4026 | (7)\% |

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The following table sets forth the O\&P EAI segment $s$ sales and other operating revenues, operating income, income from equity investments and selected product production and sales volumes.

|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2012 |  | 2011 | 2012 |  | 2011 |
| Millions of dollars |  |  |  |  |  |  |  |
| Sales and other operating revenues | \$ | 3,575 | \$ | 4,292 | \$ 7,473 | \$ | 8,280 |
| Operating income |  | 203 |  | 203 | 206 |  | 378 |
| Income from equity investments |  | 29 |  | 61 | 69 |  | 112 |
| Production volumes, in millions of pounds |  |  |  |  |  |  |  |
| Ethylene |  | 930 |  | 999 | 1,877 |  | 1,996 |
| Propylene |  | 562 |  | 631 | 1,139 |  | 1,239 |
| Sales volumes, in millions of pounds |  |  |  |  |  |  |  |
| Polyethylene |  | 1,137 |  | 1,279 | 2,453 |  | 2,584 |
| Polypropylene |  | 1,448 |  | 1,631 | 3,107 |  | 3,335 |

Revenues Revenues decreased by $\$ 717$ million, or $17 \%$, in the second quarter 2012 and $\$ 807$ million, or $10 \%$, in the first six months of 2012 compared to revenues in the second quarter and first six months of 2011, respectively. The decreases were primarily due to lower sales volumes and lower average product sales prices across all products, except PP compounds. These lower sales volumes and sales prices reflect weak economic conditions, particularly in Europe and the effect of customer buying patterns. Sales volumes for PP compounds in both 2012 periods were relatively unchanged from the corresponding periods of 2011. Lower sales volumes in the second quarter and first six months of 2012 were responsible for revenue decreases of $6 \%$ and $4 \%$, respectively. Lower average sales prices in the second quarter and first six months of 2012 also contributed $11 \%$ and $6 \%$, respectively, to the decreases in revenue.

Operating Income Operating results for the O\&P EAI segment were comparable in the second quarters of 2012 and 2011 and decreased by $\$ 172$ million in the first six months of 2012 compared to the first six months of 2011 . Operating results for the first six months of 2012 included a $\$ 22$ million charge for impairment of assets related to the damage of our LDPE plant in Wesseling, Germany resulting from an explosion in a reactor bay. Operating results for the second quarter and first six months of 2011 included the impact of charges associated with activities to reorganize certain functional organizations and for increased liabilities at our Wesseling, Germany site.

Apart from the effect of the charges discussed above, second quarter operating results primarily reflect the effect of lower polyolefins sales volumes and margins. Sales volumes were lower as customers delayed purchases in anticipation of lower prices. Polyolefins margins were lower as decreases in average sales prices outpaced decreases in the price of raw materials, due to the timing of monomer pricing settlements. Results for PP compounds and polybutene-1 were higher primarily due to higher margins. Olefins results were relatively unchanged in the second quarter 2012 compared to the second quarter 2011 as lower volumes offset higher margins. Operating results for the first six months of 2012 were lower primarily due to the effect of lower sales volumes, lower polyolefins margins and lower first quarter 2012 olefins margins, compared to the first six months of 2011. The timing of pricing mechanisms for naphtha, olefins and polyolefins resulted in strong olefins margins coupled with weak polyolefins margins.

Second Quarter 2012 versus First Quarter 2012 The O\&P EAI segment had operating income of $\$ 203$ million in the second quarter 2012 and $\$ 3$ million in the first quarter 2012. The improvement in operating results primarily reflects higher olefin margins. Olefins margins benefited from the decline in raw material prices and higher average sales prices for light olefins and butadiene during the second quarter. Second quarter results for polyolefins were relatively unchanged from the first quarter as an improvement in the operating results for the polypropylene business was substantially offset by a decline in the operating results of the polyethylene business. Operating results of the polypropylene business improved during the second quarter as higher margins and lower fixed costs more than offset the effect of lower sales volumes. The effect of lower sales volumes and lower margins resulted in the lower

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operating results for the polyethylene business. Sales volumes remained at low levels throughout the quarter following a decline in demand early in the second quarter. First quarter operating results also included the $\$ 22$ million asset impairment charge related to our Wesseling, Germany site.

## Intermediates and Derivatives Segment

Overview Segment results were higher in the second quarter and first six months of 2012 than the corresponding periods in 2012 primarily due to higher oxyfuels margins. Oxyfuels margins reflect the benefit from higher global gasoline prices relative to natural gas based raw material costs compared to 2011. Results for both the PO and derivatives and Intermediates businesses reflect continued steady performance over the periods.

The following table sets forth the I\&D segment $s$ sales and other operating revenues, operating income, income from equity investments and selected product sales volumes. In addition, the table shows MTBE margins in Northwest Europe ( NWE ).

|  | Three Months Ended June 30, |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars | 2012 |  | 2011 | 2012 |  | 011 |
| Sales and other operating revenues | \$ 2,285 | \$ | 2,536 | \$ 4,770 | \$ | 4,867 |
| Operating income | 390 |  | 327 | 760 |  | 603 |
| Income (loss) from equity investments | (6) |  | 4 | (6) |  | 8 |
| Sales Volumes, in millions of pounds |  |  |  |  |  |  |
| PO\&D | 800 |  | 791 | 1,628 |  | 1,629 |
| EO\&D | 275 |  | 277 | 587 |  | 565 |
| Styrene | 678 |  | 817 | 1,382 |  | 1,669 |
| Acetyls | 444 |  | 417 | 933 |  | 855 |
| TBA intermediates | 448 |  | 459 | 910 |  | 944 |
| Sales Volumes, in millions of gallons |  |  |  |  |  |  |
| MTBE/ETBE | 196 |  | 206 | 401 |  | 398 |
| Market margins, cents per gallon |  |  |  |  |  |  |
| MTBE NWE | 122.0 |  | 92.7 | 123.6 |  | 75.4 |

Revenues Revenues decreased by $\$ 251$ million and $\$ 97$ million in the second quarter and first six months of 2012, respectively, compared to the second quarter and first six months of 2011. Lower sales volumes, primarily in styrene and oxyfuels resulted in revenue decreases of $6 \%$ and $2 \%$, respectively, in the second quarter and first six months of 2012 compared to the same prior year periods. Lower sales prices were responsible for a revenue decrease of $4 \%$ for the second quarter, while average sales prices were relatively unchanged for the first six months of 2012 compared to the first six months of 2011 . High purity isobutylene and styrene sales volumes in the U.S. were negatively impacted in the first six months of 2012 by planned maintenance in the first quarter 2012 at our Channelview, Texas plant. Sales volumes for oxyfuels products were negatively impacted in the first six months of 2011 due to labor issues at a French manufacturing site.

Operating Income Operating income increased by $\$ 63$ million and $\$ 157$ million, respectively, in the second quarter and first six months of 2012 compared to the same periods in 2011. Operating results for the second quarter and first six months of 2012 included an $\$ 18$ million benefit related to an insurance settlement associated with Hurricane Ike, which affected the Gulf Coast in 2008. Apart from this benefit, operating results reflected higher oxyfuels margins in both 2012 periods. The higher oxyfuels results in the second quarter and first six months of 2012 reflected the effect of tight supply due to competitor outages and higher margins primarily related to the price premium for MTBE and ETBE over gasoline coupled with an increased spread from gasoline over raw materials,

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butane, methanol and ethanol. Higher margins for PO and derivatives and TBA and derivatives were substantially offset in the second quarter 2012 and only partially offset in the first six months of 2012 by lower acetyls and EO/EG margins. TBA and derivative margins reflected the effect of lower butane prices in the second quarter 2012 and in the first six months of 2012. TBA and derivative margins in the first six months of 2012 also benefited from higher average sales prices as some product pricing is related to strong oxyfuels pricing. Acetyls margins were lower in the second quarter and first six months 2012 primarily due to the decrease in average sales prices that more than offset the decrease in the price of natural gas.

Second Quarter 2012 versus First Quarter 2012 The I\&D segment had operating income of $\$ 390$ million in the second quarter 2012 compared to $\$ 370$ million in the first quarter 2012. Operating results of the second quarter included an $\$ 18$ million benefit related to the Hurricane Ike insurance settlement. Second quarter results for our PO and derivatives businesses were relatively unchanged from the first quarter. Oxyfuels results were also relatively unchanged in the second quarter as the effect of higher sales volumes was partially offset by lower margins.

## Refining Segment

Overview The Berre refinery, which was previously included in the Refining segment, is being classified as discontinued operations beginning in the second quarter of 2012 and, accordingly, the discussion of its results of operations are not included in this segment discussion. As a result, the Refining segment comprises the operations of our full conversion refinery located on the Houston Ship Channel in Houston, Texas.

The refinery s operating results for the second quarter and first six months of 2012 reflected the effect of lower margins, including lower by-product spreads compared to the same periods in 2011. Benchmark U.S. heavy crude refining margins were lower in the second quarter and first six months of 2012 primarily due to a decrease in the differential between the cost of heavy and light crude oil. Crude processing rates were relatively unchanged in the second quarter and first six months of 2012 compared to the same periods in 2011.

The following table sets forth the Refining segment s sales and other operating revenues, operating income and market refining margins for the U.S. for the applicable periods. Light Louisiana Sweet, or LLS , is a light crude oil, while Maya is a heavy crude oil.

|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars |  | 2012 |  | 011 | 2012 |  | 011 |
| Sales and other operating revenues | \$ | 3,496 | \$ | 3,996 | \$ 6,699 | \$ | 6,863 |
| Operating income |  | 124 |  | 258 | 134 |  | 416 |
| Crude processing rates |  |  |  |  |  |  |  |
| (thousands of barrels per dav) |  | 267 |  | 263 | 263 |  | 261 |


| Market margins $\mathbf{\$ \text { per barrel }}$ |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: |
| Light crude oil | $2-1-1$ | 14.04 | 10.28 | 11.71 |
| Light crude oil | Maya differential | 9.12 | 15.50 | 9.84 |
|  |  |  |  | 16.82 |
| Total Maya 2-1-1 | 23.16 | 25.78 | 21.55 | 25.00 |

Revenues Revenues for the Refining segment decreased $\$ 500$ million, or $13 \%$, in the second quarter 2012 compared to the second quarter 2011, and $\$ 164$ million, or $2 \%$, compared to the first six months of 2011 . Lower sales volumes in the second quarter and first six months of 2012 were responsible for revenue decreases of $9 \%$ and $2 \%$, respectively, compared to the same periods in 2011 . The lower sales volumes reflect a reduction in crude oil resale volumes in the 2012 periods as we sold more crude oil in the 2011 periods to take advantage of favorable crude oil purchases that became available. Lower average sales prices consistent with changes in market pricing, were responsible for a revenue decrease of $4 \%$ in the second quarter 2012 compared to the second quarter of 2011.

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Operating Income Operating income for the second quarter and first six months of 2012 decreased by $\$ 134$ million and $\$ 282$ million, respectively, compared to the second quarter and first six months of 2011. The decreases in operating income primarily reflect lower refining margins as indicated by the decrease in the Maya 2-1-1 benchmark margin. The lower margins also reflect a loss of upgrading value in the processing of certain products due to the turnaround at our Channelview, Texas site in the first quarter 2012. Lower operating results for the second quarter and first six months of 2012 were only partially offset by a $\$ 53$ million benefit related to an insurance settlement associated with Hurricane Ike, which affected the Gulf Coast in 2008. Operating results for the first six months of 2011 benefited from favorable crude purchasing opportunities and a $\$ 34$ million benefit related to an insurance recovery.

Second Quarter 2012 versus First Quarter 2012 The Refining segment had operating income of \$124 million in the second quarter 2012 compared to $\$ 10$ million in the first quarter 2012. Second quarter operating results included the $\$ 53$ million benefit related to an insurance settlement associated with Hurricane Ike. The improvement in the underlying operations of the second quarter is primarily due to higher refining margins. Margin improvements resulted from both higher Maya 2-1-1 benchmark margins and better site-specific product margins, particularly for gasoline, after the completion of the turnaround at our Channelview, Texas site in April 2012. Crude processing rates in the second quarter were 267,000 barrels per day as the refinery ran at near capacity. Crude processing rates in the first quarter were 259,000 barrels per day.

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## Technology Segment

Overview Operating results for the second quarter 2012 were slightly higher compared to the same period in 2011 as lower R\&D costs were partially offset by lower catalyst results. Operating results were lower in the first six months of 2012 compared to the first six months of 2011 as lower results for the licensing and services and catalyst businesses were partially offset by lower research and development costs.

The following table sets forth the Technology segment s sales and other operating revenues and operating income.

|  | Three Months Ended June 30, |  |  |  | Six Months Ended June 30, |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Millions of dollars |  | 012 |  |  |  | 2012 |  |  |
| Sales and other operating revenues | \$ | 115 | \$ | 126 |  | 234 | \$ | 265 |
| Operating income |  | 30 |  | 23 |  | 68 |  | 89 |

Revenues Revenues for the second quarter and first six months of 2012 decreased by $\$ 11$ million, or $9 \%$ and $\$ 31$ million, or $12 \%$, compared to the second quarter and first six months of 2011. Lower catalyst sales volumes in the second quarter 2012 were responsible for revenue decreases of $7 \%$ and the remaining $2 \%$ decrease was due to lower recognition of revenue on process licenses issued in prior periods. Lower licensing and services revenues were responsible for a $7 \%$ decrease in the first six months of 2012, while lower catalyst prices, especially in the first quarter, were primarily responsible for the remaining $5 \%$ decrease compared to the first six months of 2011.

Operating Income Operating income increased by $\$ 7$ million in the second quarter 2012 and decreased by $\$ 21$ million in the first six months of 2012 compared to the same periods of 2011 . Operating results in the second quarter and first six months of 2011 included charges totaling $\$ 16$ million for employee severance and asset retirement obligations related to an R\&D facility that was relocated. Apart from the effect of these 2011 charges, operating results for the second quarter and first six months of 2012 decreased compared to the same periods in 2011. Catalyst results in the second quarter 2012 were lower compared to the second quarter 2011 primarily due to lower sales volumes. Lower catalyst margins and lower revenue recognized from process licenses issued in prior years in the first six months of 2012 contributed to the decrease in operating results. Such revenue was relatively unchanged in the second quarter of 2012 compared to the second quarter 2011.

Second Quarter 2012 versus First Quarter 2012 The Technology segment had operating income of \$30 million in the second quarter 2012 compared to $\$ 38$ million in the first quarter 2012. The $\$ 8$ million decrease in the second quarter operating results primarily reflects lower licensing and services income and lower catalyst volumes, which resulted from reduced polyolefin production primarily due to the weak economy in Europe.

## FINANCIAL CONDITION

Operating, investing and financing activities of continuing operations, which are discussed below, are presented in the following table:

|  | Six Months Ended |  |  |
| :--- | :---: | :---: | :---: |
|  | June 30, |  |  |
| Millions of dollars | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 1}$ |  |
| Source (use) of cash: | $\$ 1,430$ | $\$$ | 1,247 |
| Operating activities | $(430)$ | $(651)$ |  |
| Investing activities | $(98)$ | $(299)$ |  |

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Operating Activities Cash of $\$ 1,430$ million provided in the first six months of 2012 primarily reflected earnings, adjusted for non-cash items, proceeds received from income tax refunds and an insurance settlement, and higher distributions from our joint ventures. These increases were partially offset by cash used by the main components of working capital accounts receivable, inventories and accounts payable and certain payments related to sales rebates, employee bonuses, property taxes, company contributions to our pension plans and premiums and other fees related to prepayments of debt. The $\$ 1,247$ million of cash provided in the first six months of 2011 primarily reflected earnings, adjusted for non-cash items, and higher distributions from our joint ventures, partially offset by the main components of working capital and company contributions to our pension plans.

The main components of working capital used net cash of $\$ 880$ million in the first six months of 2012 and $\$ 481$ million in the first six months of 2011. During the first six months of 2012 , the main components of working capital reflect increases of $\$ 156$ million and $\$ 379$ million in accounts receivable and inventories, respectively, and a decrease of $\$ 345$ million in accounts payable. The increase in accounts receivable primarily reflected higher sales for the second quarter 2012, particularly in our O\&P EAI, I\&D and Refining segments, compared to the fourth quarter 2011. In late 2011, the level of sales volumes for the O\&P EAI and I\&D segments was negatively affected by economic weakness and turnaround activities, respectively. The increase in inventories reflects the buildup of inventories, particularly for polymers, due to weak demand in Europe, preparation for future turnarounds, and the increase in spot purchases during the second quarter 2012 to take advantage of low crude pricing. Falling raw material prices in 2012 was the primary driver of the decrease in accounts payable.

The $\$ 481$ million use of net cash by the main components of working capital in the first six months of 2011 reflected increases of $\$ 1,002$ million and $\$ 619$ million in accounts receivable and inventory, respectively, partially offset by a $\$ 1,140$ million increase in accounts payable. The increases in accounts receivable and accounts payable reflect the effect of increasing prices over the period as well as the effect of a higher currency exchange rate on our European balances. The increase in inventory reflects temporary volume increases in our O\&P EAI and I\&D business segments and to a lesser extent, in our Refining business segment. Inventory was also affected by a higher currency exchange rate.

Investing Activities Cash of $\$ 430$ million used in investing activities in the first six months of 2012 primarily reflects capital expenditures, partially offset by a $\$ 39$ million decrease in restricted cash in the first six months of 2012. The $\$ 651$ million of cash used in investing activities in the first six months of 2011 reflects capital expenditures and a $\$ 239$ million increase in restricted cash primarily related to the issuance of cash collateralized letters of credit, partially offset by $\$ 57$ million in proceeds related to the sale of surplus precious metals.

The following table summarizes capital expenditures for the periods presented:


In the first six months of 2011, our discontinued operations had capital expenditures of $\$ 13$ million. There were no capital expenditures related to discontinued operations in 2012.

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Financing Activities Financing activities used net cash of $\$ 98$ million in the first six months of 2012 and $\$ 299$ million in the first six months of 2011.

In April 2012, we received proceeds of $\$ 3,000$ million from the issuance of our $5 \%$ senior notes due 2019 and $5.75 \%$ senior notes due 2024. In connection with the issuance of these notes in April 2012 and a new five-year revolving credit facility entered into in May 2012, we paid bank fees totaling $\$ 50$ million. See Liquidity and Capital Resources and Note 9 to the Consolidated Financial Statements for a discussion of the new five-year revolving credit facility.

Financing activities for the first six months of 2012 also reflect the repayment of $\$ 755$ million of our $8 \%$ senior notes due 2017 and $\$ 1,921$ million of our $11 \%$ senior notes due 2018. Premiums totaling $\$ 294$ million paid in conjunction with these repayments are reflected in operating cash flows.

Cash dividends of $\$ 373$ million were paid during the first six months of 2012.
Financing activities for the first six month of 2011 reflect the redemption of approximately $\$ 253$ million of our $8 \%$ senior notes due 2017 and the associated payment of premiums totaling $\$ 7$ million. In the first six months of 2011 , we also received proceeds of $\$ 37$ million related to the conversion of outstanding warrants to common stock and paid cash dividends totaling $\$ 57$ million.

Liquidity and Capital Resources In May 2012, we entered into a five-year revolving credit facility. The credit facility may be used for dollar and euro denominated borrowings and to support up to $\$ 700$ million of dollar and euro denominated letters of credit. The balance of outstanding borrowings and letters of credit under the facility may not exceed $\$ 2,000$ million at any given time. We may, from time to time, request the total commitments available under the facility to be increased to an aggregate amount not to exceed $\$ 2,500$ million. Borrowings under the credit facility bear interest at a base rate or LIBOR, plus an applicable margin. Additional fees are incurred for the average daily unused commitments.

In connection with the execution of the new credit facility, we terminated our U.S. ABL Facility. All amounts owed by the borrowers under the U.S. ABL Facility have been repaid and the commitments under the U.S. ABL Facility have been terminated.

In April 2012, we issued $\$ 2,000$ million aggregate principal amount of 5\% senior notes due 2019 and $\$ 1,000$ million aggregate principal amount of $5.75 \%$ senior notes due 2024, each at an issue price of $100 \%$. We paid fees totaling $\$ 38$ million related to the issuance of these notes.

Net proceeds from the notes, together with cash on hand, were used to finance the repurchase of the remaining outstanding balances of $\$ 755$ million and $\$ 1,921$ million of our $8 \%$ senior notes due 2017 and $11 \%$ senior notes due 2018 , respectively, and to pay premiums and fees totaling $\$ 294$ million related to the repurchase.

As of June 30, 2012, we had unrestricted cash of $\$ 1,950$ million. In addition, we had total unused availability under our credit facilities of $\$ 2,468$ million at June 30, 2012, which included the following:
$\$ 1,930$ million under our revolving credit facility, which is net of outstanding borrowings and outstanding letters of credit provided under the facility. At June 30, 2012, we had $\$ 57$ million of outstanding letters of credit and no outstanding borrowings under the facility.

411 million and $\$ 26$ million (totaling approximately $\$ 538$ million) under our 450 million European receivables securitization facility. Availability under the European receivables securitization facility is subject to a borrowing base, net of outstanding borrowings. There were no outstanding borrowings under this facility at June 30, 2012.

We have receivables outstanding of 213 million ( $\$ 269$ million) related to value added tax (VAT ) in Italy. In the first quarter 2010, Italy implemented a reverse change rule, under which non-domestic companies may not collect VAT on sales to domestic companies but must submit VAT on purchases from domestic companies. As a result, the balance of VAT receivables due from Italy has increased since that date. We expect to collect all amounts owed to us.

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We recorded a charge of $\$ 136$ million in the fourth quarter of 2011 primarily related to the then estimated cost of the social plan and as a result of inventory write-downs in connection with the suspension of operations at our Berre refinery in France. Final costs to be incurred are contingent on completion of the consultations. We expect to incur additional costs in connection with the cessation of operations but do not believe any such additional costs will be material to our results of operations.

In addition to the letters of credit issued under our credit facility, we also have outstanding letters of credit and bank guarantees totaling $\$ 90$ million, including $\$ 7$ million which are collateralized by cash. Such cash is included in the $\$ 14$ million of Restricted cash reflected on the Consolidated Balance Sheets as of June 30, 2012.

At June 30, 2012, we had total debt, including current maturities, of $\$ 4,353$ million.

We may repay or redeem our debt, including purchases of our outstanding bonds in the open market, using cash on hand, cash from operating activities or proceeds from asset divestitures. We plan to finance our ongoing working capital, capital expenditures, debt service and other funding requirements with cash from operations, which could be affected by general economic, financial, competitive, legislative, regulatory, business and other factors, many of which are beyond our control.

We intend to declare and pay quarterly dividends, with the goal of increasing the dividend over time, after giving consideration to our cash balances and expected results from operations. We believe that our cash, cash from operating activities and proceeds from our credit facilities provide us with sufficient financial resources to meet our anticipated capital requirements and obligations as they come due.

## ACCOUNTING AND REPORTING CHANGES

For a discussion of the potential impact of new accounting pronouncements on our consolidated financial statements, see Note 2 to the Consolidated Financial Statements.

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## CAUTIONARY STATEMENT FOR THE PURPOSES OF THE SAFE HARBOR PROVISIONS OF THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995

This report includes forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. You can identify our forward-looking statements by the words anticipate, estimate, believe, continue, intend, may, plan, potential, predict, should, will, expect, objective, projection, forecast, goal, guidance, expressions.

We based the forward-looking statements on our current expectations, estimates and projections about ourselves and the industries in which we operate in general. We caution you these statements are not guarantees of future performance as they involve assumptions that, while made in good faith, may prove to be incorrect, and involve risks and uncertainties we cannot predict. In addition, we based many of these forward-looking statements on assumptions about future events that may prove to be inaccurate. Accordingly, our actual outcomes and results may differ materially from what we have expressed or forecast in the forward-looking statements. Any differences could result from a variety of factors, including the following:
if we are unable to comply with the terms of our credit facilities and other financing arrangements, those obligations could be accelerated, which we may not be able to repay;
we may be unable to incur additional indebtedness or obtain financing on terms that we deem acceptable, including for refinancing of our current obligations; higher interest rates and costs of financing would increase our expenses;
our ability to implement business strategies may be negatively affected or restricted by, among other things, governmental regulations or policies;
the cost of raw materials represent a substantial portion of our operating expenses, and energy costs generally follow price trends of crude oil and natural gas; price volatility can significantly affect our results of operations and we may be unable to pass raw material and energy cost increases on to our customers;
our U.S. operations have benefited from a low cost natural gas and associated NGL supply and regulations or disruptions to fracking in the U.S. could reduce the current benefits we receive;
industry production capacities and operating rates may lead to periods of oversupply and low profitability;
uncertainties associated with worldwide economies create increased counterparty risks, which could reduce liquidity or cause financial losses resulting from counterparty exposure;
the negative outcome of any legal, tax and environmental proceedings may increase our costs;
we may be required to reduce production or idle certain facilities because of the cyclical and volatile nature of the supply-demand balance in the chemical and refining industries, which would negatively affect our operating results;

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we may face operating interruptions due to events beyond our control at any of our facilities, which would negatively impact our operating results, and because the Houston refinery is our only refining operation, we would not have the ability to increase production elsewhere to mitigate the impact of any outage at that facility;
regulations may negatively impact our business by, among other things, restricting our operations, increasing costs of operations or requiring significant capital expenditures;
we face significant competition due to the commodity nature of many of our products and may not be able to protect our market position or otherwise pass on cost increases to our customers;

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we rely on continuing technological innovation, and an inability to protect our technology, or others technological developments could negatively impact our competitive position;
changes in general economic, business, political and regulatory conditions in the countries or regions in which we operate could increase our costs, restrict our operations and reduce our operating results;
we have substantial international operations, and in light of continued economic uncertainties, fluctuations in exchange rates, valuations of currencies and our ability to access cash from operations in certain jurisdictions on a tax-efficient basis, if at all, could negatively affect our liquidity and our results of operations; and
we are subject to the risks of doing business at a global level, including fluctuations in exchange rates, wars, terrorist activities, political and economic instability and disruptions and changes in governmental policies, which could cause increased expenses, decreased demand or prices for our products and/or disruptions in operations, all of which could reduce our operating results.

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## Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Our exposure to market and regulatory risks is described in Item 7A of our Annual Report on Form 10-K for the year ended December 31, 2011. Our exposure to such risks has not changed materially in the six months ended June 30, 2012.

## Item 4. CONTROLS AND PROCEDURES

As of June 30, 2012, with the participation of our management, our Chief Executive Officer (principal executive officer) and our Chief Financial Officer (principal financial officer) carried out an evaluation, pursuant to Rule 13a-15(b) of the Securities Exchange Act of 1934, as amended (the Act), of the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rule 13a-15(e) of the Act). Based upon that evaluation, our Chief Executive Officer and our Chief Financial Officer concluded that our disclosure controls and procedures were operating effectively as of June 30, 2012.

There have been no changes in our internal control over financial reporting, as defined in Rule 13a-15(f) of the Act, in the period covered by this report that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

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## PART II. OTHER INFORMATION

## Item 1. LEGAL PROCEEDINGS

## Environmental Matters

From time to time we and our joint ventures receive notices or inquiries from federal, state or local governmental entities regarding alleged violations of environmental laws and regulations pertaining to, among other things, the disposal, emission and storage of chemical and petroleum substances, including hazardous wastes. Item 103 of the SEC s Regulation S-K requires disclosure of certain environmental matters when a governmental authority is a party to the proceedings and the proceedings involve potential monetary sanctions that we reasonably believe could exceed $\$ 100,000$.

In June 2012, we partially settled a proceeding by Italian authorities against certain of our current and former employees in connection with flaring activities at our manufacturing plant in Ferrara, Italy, by paying fines in an aggregate amount of approximately $\$ 101,000$; authorities are seeking additional fines in the case of approximately $\$ 73,000$. The proceeding relates to activities that occurred between 2007 and 2011. We expect to complete remediation efforts related to the flaring activity in September 2012.

## Litigation and Other Matters

Information regarding our litigation and other legal proceedings can be found under the Litigation and Other Matters section of Note 14 , Commitments and Contingencies, to the Condensed Consolidated Financial Statements.

## Item 1A. RISK FACTORS

There have been no material changes from the risk factors disclosed in Item 1A of our 2011 Annual Report on Form 10-K.

## Item 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

During the quarter ended June 30, 2012, we issued 18,751 shares upon exercise of warrants. The warrants originally were issued on April 30, 2010, the date of our emergence from bankruptcy proceedings, with an original exercise price of $\$ 15.90$ per share that was adjusted to $\$ 13.77$ on November 25, 2011 pursuant to the terms of the warrant agreements as a result of our special dividend. Warrants for all 18,751 shares were exercised pursuant to a cashless exercise procedure pursuant to which we withhold shares that would otherwise be issued in payment of the exercise price. As a result, we received no proceeds from these exercises.

The issuance of the warrants and the shares issued upon exercise of the warrants were exempt from the registration requirements of Section 5 of the Securities Act and any other applicable laws pursuant to Section 1145 of the Bankruptcy Code, which generally exempts distributions of securities in connection with plans of reorganization.

None of the foregoing transactions involved any underwriters, underwriting discounts or commissions, or any public offering.

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## Item 6. EXHIBITS

4.1 Indenture, dated as of April 9, 2012, among LyondellBasell Industries N.V., as issuer, each of the Guarantors named therein, as guarantors, Wells Fargo Bank, National Association, as trustee, registrar and paying agent (including form of $5.000 \%$ Senior Note due 2019 and form of $5.750 \%$ Senior Note due 2024) (incorporated by reference to Exhibit 4.3 to Form 8 -K dated April 4, 2012).
10.1 Credit Agreement, dated May 4, 2012, among LyondellBasell Industries N.V. and LYB Americas Finance Company, as Borrowers, the Lenders, Bank of America, N.A., as Administrative Agent, Swing Line Lender and L/C Issuer, Deutsche Bank Securities Inc., as Syndication Agent and the other parties thereto (incorporated by reference to Exhibit 10.1 to Form 8-K dated May 4, 2012).
31.1 Certification of Principal Executive Officer pursuant to Rule 13a-14(a) under the Securities Exchange Act of 1934
31.2 Certification of Principal Financial Officer pursuant to Rule 13a-14(a) under the Securities Exchange Act of 1934

32 Certifications pursuant to 18 U.S.C. Section 1350
101.INS XBRL Instance Document
101.SCH XBRL Schema Document
101.CAL XBRL Calculation Linkbase Document
101.DEF XBRL Definition Linkbase Document
101.LAB XBRL Labels Linkbase Document
101.PRE XBRL Presentation Linkbase Document

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## SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

## LYONDELLBASELL INDUSTRIES N.V.


[^0]:    See Notes to the Consolidated Financial Statements.

[^1]:    See Notes to the Consolidated Financial Statements.

[^2]:    See Notes to the Consolidated Financial Statements.

