

BRASKEM S.A.

Corporate Taxpayer ID (CNPJ): 42.150.391/0001-70

Company Registry (NIRE): 29.300.006.939

Publicly Held Company

MATERIAL FACT

Braskem S.A. ("Braskem" or the "Company"), in compliance with the provisions of CVM Instruction 358/02, informs its shareholders and the market that it has decided to postpone to March 29, 2017, the filing of its audited financial statements related to the fiscal year ended on December 31, 2016. It also decided to postpone the holding of its Annual Shareholders' Meeting to April 28, 2017. The Company filed with the Brazilian Securities and Exchange Commission its Corporate Calendar in order to reflect above changes.

Due to the conclusion of the global settlement with authorities, announced on December 21, 2016, the Company has been conducting necessary analysis of its internal process and controls, which has impacted the progress of externals auditors' work.

In order to keep the market informed on its operational and financial performance, Braskem decided to proceed with the release of its non-audited results, which are subject to adjustments and changes upon the release of the Company's audited financial statements.

São Paulo, February 21, 2017.



Braskem reports record EBITDA of R\$11.5 billion, up 23% on 2015
Braskem Idesa's EBITDA contribution reaches R\$537 million

HIGHLIGHTS:

Brazil:

- ▶ Demand for resins (PE, PP and PVC) in the Brazilian market came to 1.2 million tons in 4Q16, increasing 13% from 4Q15 and declining 6% from 3Q16 due to seasonality. Braskem sold 824 kton in the quarter, up 10% from 4Q15, in line with market demand, and down 7% from 3Q16. In the year, resin demand was 4.9 million tons, contracting 1% in relation to 2015.
- ▶ The Company's crackers operated at an average capacity utilization rate of 90% in the quarter, 7 p.p. higher than in 4Q15, despite the impact from a scheduled shutdown at the cracker in Bahia state in the period. In the year, reflecting the strategy to focus on operating efficiency, the crackers operated at an average utilization rate of 92%, increasing 3 p.p. from 2015 and setting a new record for the Company.
- ▶ This operating performance supported resin production of 1.2 million tons in 4Q16, growing 6% from 4Q15. In the year, resins production was 4.9 million tons, up 4% compared to 2015.
- ▶ Braskem's exports in the quarter were 415 kton, increasing 44% from 4Q15 and decreasing 2% from 3Q16. In the year, exports amounted to 1.7 million tons, expanding 24% from 2015, and setting a new record for the Company.
- ▶ In 4Q16, the units in Brazil, including exports, posted EBITDA of R\$1,821 million. In 2016, EBITDA was R\$8,485 million, which corresponds to 74% of consolidated EBITDA.

United States and Europe:

- ▶ In the quarter, the PP plants in the United States and Europe operated at an average capacity utilization rate of 95%, down 6 p.p. from 4Q15, due to the scheduled shutdown of the Marcus Hook Unit. In the year, the PP plants operated at an average capacity utilization rate of 100%, up 2 p.p. from 2015, reflecting the units' good operating efficiency. This scenario supported resin production of 482 kton in 4Q16, down 5% from 4Q15, and 2 million tons in the year, up 2% on 2015, setting a new record.
- ▶ Sales in the quarter came to 502 kton, declining 3% from 4Q15, due to the scheduled shutdown in the United States and Germany. In the year, given the good operating performance and strong PP demand, especially in the U.S. market, sales volume advanced 2% to 2 million tons.
- ▶ Other highlights were (i) the commissioning of the first ultra-high molecular weight polyethylene plant in La Porte, Texas, in October 2016, to meet demand from clients in North America and Europe, and (ii) the investments made to debottleneck the PP plant in Marcus Hook, Pennsylvania that increased the plant's nameplate capacity to 64 kton per year.
- ▶ In 4Q16, the units in the United States and Europe posted EBITDA of US\$103 million (R\$338 million). In 2016, EBITDA was US\$696 million (R\$2,463 million), or 21% of the Company's consolidated EBITDA.

Mexico:

- ▶ The polyethylene plants operated at an average capacity utilization rate of 73% in 4Q16, 10 p.p. higher than in 3Q16, and were affected by a scheduled shutdown at an ethane supplier in October. In the year, the polyethylene plants operated at an average capacity utilization rate of 42%, which is in line with the Company's expectation for the complex's ramp-up in the year.
- ▶ PE production in the quarter was 193 kton, increasing 16% from 3Q16. In the year, PE production amounted to 443 kton. PE sales in the quarter came to 199 kton, growing 30% compared to 3Q16, with 41% sold in the Mexican market and 59% exported. In the year, PE sales amounted to 432 kton, of which 46% was sold in Mexico's domestic market.

*The preliminary unaudited financial information set forth in this document is subject to adjustments and modifications. The audit of the financial statements and related notes for the year ended December 31, 2016 is still in progress. Adjustments and modifications to the financial statements may be identified up to its issuance, which could result in differences from this preliminary unaudited financial information.

- ▶ In 4Q16, the Mexico unit posted EBITDA of US\$104 million (R\$343 million). In 2016, EBITDA was US\$165 million (R\$537 million), or 5% of the Company's consolidated EBITDA.

Braskem – Consolidated:

- ▶ In 2016, Braskem set new records for EBITDA in both Brazilian real and U.S. dollar, of R\$11,508 million and US\$3,304 million, which represent growth on the prior year of 23% and 18%, respectively. The improvement is mainly due to (i) the good operating performance at all units; (ii) healthy resin and basic petrochemical spreads in the international market; (iii) higher export sales volume from Brazil; (iv) the performance of the operations in the United States and Europe; (v) the Mexico complex beginning to contribute its result; and (vi) the 5% average Brazilian real depreciation.
- ▶ In 4Q16, the Company posted EBITDA of R\$2,385 million and US\$729 million, both down from 3Q16, which is explained by: (i) seasonality, with weaker sales volume; and (ii) lower petrochemical spreads in the international market. Compared to the same period last year, EBITDA advanced 10% in Brazilian real and 30% in U.S. dollar.
- ▶ In 4Q16, Braskem posted a net loss of R\$2,637 million in the Consolidated and a net loss of R\$2,552 million in the Parent Company. In 2016, the net loss was R\$768 million in the Consolidated and R\$452 million in the Parent Company.
- ▶ Reflecting the Company's solid cash generation and commitment to financial health, corporate leverage, as measured by the ratio of Net Debt to EBITDA in U.S. dollar, stood at 1.67, down 13% from the prior year, reflecting the US\$145 million reduction in net debt in U.S. dollar combined with the 11% increase in EBITDA in the last 12 months.
- ▶ In December 2016, the Company concluded the Global Settlement with the Brazilian Federal Prosecution Office ("MPF"), the U.S. Department of Justice ("DoJ"), the U.S. Securities and Exchange Commission ("SEC") and the Swiss Office of the Attorney General to resolve the wrongdoings involving the Company in connection with Operation Car Wash. Under the Global Agreement, the Company will pay the applicable authorities in Brazil and abroad approximately US\$957 million, equivalent to approximately R\$3.1 billion.
- ▶ Braskem's common shares (BRKM3) closed 2016 quoted at R\$29.99, representing a gain of 101% from end-2015, while its class "A" preferred shares (BRKM5) appreciated by 37.8% from the close of 2015 to R\$34.25.

EXECUTIVE SUMMARY

The year 2016 was marked by uncertainty in the political and economic environments both locally and internationally. In the international scenario, the uncertainties generated by the United Kingdom's exit from the European Union, by the new paradigm of more moderate economic growth in China and by the U.S. presidential elections led to stagnant growth in international trade and lower investment, which also reflected the slower-than-expected growth in the world economy.

In Brazil, the latest round of indicators for economic growth were weaker than expected, with the main factor the negative GDP growth in the third quarter due primarily to lower borrowing, given the higher levels of debt held by households and businesses. This context, combined with the persistent bottlenecks contributing to Brazil cost and the prolonged political and institutional crisis, affected the country's economy and consequently demand for resins in the Brazilian market.

Brazil:

During the quarter, the Company's focus in Brazil remained on carrying out the scheduled shutdown at the cracker in Bahia, which was completed on time and on budget and guaranteed the efficiency of sales to the Brazilian market, and on the feedstock diversification project, with progress on the investments made during the cracker's scheduled maintenance shutdown.

In the international market, crude oil traded at US\$49/barrel in 4Q16, increasing 13% and 7% from 4Q15 and 3Q16, respectively, influenced by the market's positive expectations regarding the OPEC agreement to curb production. Naphtha, the feedstock used by Braskem's crackers in Bahia, São Paulo and Rio Grande do Sul, followed the oil price trend to register an average price of US\$440/ton in the quarter, or 7% and 15% higher than in 4Q15 and 3Q16, respectively.

In the year, oil averaged US\$43/barrel, 17% lower than the average price of the previous year. Following the downward trend in oil, the average naphtha price in 2016 declined to US\$385/ton to match the rate of decline in the average oil price.

The U.S. Gulf price reference for ethane, the feedstock used by the Rio de Janeiro cracker, averaged US\$177/ton (24 ¢/gal) in 4Q16, or 36% and 27% higher than in 4Q15 and 3Q16, respectively, reflecting the increase in natural gas prices, higher domestic consumption and stronger export volumes. In the year, the average ethane price was US\$146/ton (20 ¢/gal), up 7% from 2015.

In this scenario, the average international spread¹ for the thermoplastic resins produced by Braskem in Brazil² stood at US\$649/ton in 4Q16, up 5% from 4Q15 and down 13% from 3Q16, due to the time lag for the passthrough of the higher naphtha prices to resin prices in the international market. In the year, the average spread in the international³ market for the thermoplastic resins produced by Braskem in Brazil⁴ reached US\$677/ton, down 3% from the average spread in the prior year but still sustaining high levels.

In the case of key basic petrochemicals⁵, the spread reached US\$325/ton in 4Q16, increasing 17% from 4Q15, due to higher prices, especially for USG-butadiene, which gained 9% in the period, explained by stronger demand driven mainly by improvement in Asia's auto industry. Compared to 3Q16, spreads declined 9%. In the year, the average spread stood at US\$321/t, up 1% on the prior year.

In 4Q16, EBITDA from the units in Brazil, including exports, was R\$1,821 million, down 6% from 4Q15, explained by the 14% appreciation in the Brazilian real in the period. In the year, EBITDA from the units in Brazilian, including exports, was R\$8,485 million, which represents 74% of the Company's consolidated segments, with new records set for resin and basic petrochemicals production volume and for exports.

United States and Europe:

¹ Difference between the price of petrochemicals and the price of naphtha, ethane and propane in accordance with the feedstock mix of the units in Brazil.

² 53% PE (USA), 34% PP (Asia) and 12% PVC (Asia), based on the capacity mix of Braskem's industrial units in Brazil.

³ Difference between the price of petrochemicals and the price of naphtha, ethane and propane in accordance with the feedstock mix of the units in Brazil.

⁴ 53% PE (USA), 34% PP (Asia) and 12% PVC (Asia), based on the capacity mix of Braskem's industrial units in Brazil.

⁵ 25% ethylene and propylene, 35% BTX, 10% butadiene, 5% cumene and 25% fuels, based on the capacity mix of Braskem's industrial units in Brazil

At the operations in the United States and Europe, the focus remained on commissioning the new plant in Texas producing ultra-high molecular weight polyethylene, and on the scheduled maintenance shutdowns in Marcus Hook, USA and in Schkopau, Germany.

In 4Q16, the average price of U.S. Gulf (USG) propylene, the main feedstock used by the United States and Europe units, was US\$797/ton, down 4% from 3Q16, influenced by end of the industrial maintenance period in the United States, when the propylene supply in the country increases. During the year, the average U.S. Gulf (USG) price reference for propylene was US\$759/ton, down 12% on the prior year, given the higher supply of propylene in the market following the startup of a propane-based propylene production unit in the region.

The PP price reference in the United States averaged US\$1,385/ton in 4Q16, down 5% from the average price in 3Q16, reflecting the weaker demand from the PP market in the period.

In this scenario, PP⁶ spreads in the United States reached US\$588/ton in 4Q16, contracting 19% and 5% from 4Q15 and 3Q16, respectively. In the year, PP⁷ spreads in the United States stood at US\$702/ton, increasing 24% on the prior year, influenced by the higher propylene supply and the stronger demand for PP in the U.S. market.

The lower spreads led EBITDA from the units in the United States and Europe to decrease to US\$103 million in 4Q16, down 21% from 4Q15. In the year, the operations in the United States and Europe delivered significant results, with record EBITDA of US\$696 million (R\$2,463 million), which is 116% higher year over year and represents 21% of the Company's consolidated segments. The result was mainly due to the Company's strategy to ensure its operating and commercial efficiency, which enabled the units to register a capacity utilization rate of 100%, and to take advantage of market opportunities given the strong demand for PP in the regions.

Mexico:

In Mexico, the focus in 4Q16 remained on ramping up production at the polyethylene plants, which operated at average capacity utilization rate of 73%, and on anticipating, to 2017, the pit stop at the cracker for a scheduled equipment substitution, given the scheduled maintenance shutdown at an ethane supplier.

In the year, the Company's efforts at the Mexico unit were focused on (i) ensuring the stability of the complex's production; (ii) growing sales in the Mexican market and strengthening relations with local clients; and (iii) exporting products in synergy with the Braskem operations in other regions.

In 4Q16, EBITDA from Mexico came to R\$343 million (US\$104 million), increasing 60% from 3Q16, mainly due to the higher sales volume. In the year, EBITDA came to US\$165 million (R\$537 million), which represents 5% of the consolidated segments, with the PE plants registering an average capacity utilization rate of 42%, in line with the Company's estimate.

Braskem – Consolidated:

Consolidated EBITDA in U.S. dollar was US\$729 million, up 30% from 4Q15, due to the higher spreads for resins and basic petrochemicals in the international market and to the inauguration and good performance of the petrochemical complex in Mexico. Compared to 3Q16, EBITDA decreased 21%, mainly due to seasonality.

In 2016, Braskem posted record EBITDA in Brazilian real and U.S. dollar of R\$11,508 million and US\$3,304 million, representing growth on the prior year of 23% and 18%, respectively. The improvement is mainly due to (i) the good operating performance; (ii) healthy resin spreads in the international market; (iii) higher export sales volume from Brazil; (iv) the performance of the operations in the United States and Europe; (v) the Mexico complex beginning to contribute with its result; and (vi) the 5% average Brazilian real depreciation.

Braskem's cost-cutting program delivered an effective gain of R\$118 million in the quarter. In 2016, the program delivered an effective gain of R\$368 million and a recurring gain of R\$395 million, after completing 66% of the initiatives planned. The gains are distributed in the following categories: reduction in fixed and variable costs and optimization of investments.

⁶ Difference between the U.S. PP price and the U.S. Propylene price.

⁷ Difference between the U.S. PP price and the U.S. Propylene price.

As part of its contribution to sustainable development, Braskem remains focused on finding solutions to mitigate risks and on creating shared value. In this respect, Braskem operates on three fronts: (i) increasingly sustainable operations; (ii) increasingly sustainable products; and (iii) solutions for a more sustainable life.

Braskem's commitment to sustainable development also supported important internal achievements and external recognition in 2016. This year, Braskem was named a Climate Leader by the Carbon Disclosure Project Brazil and became the first Brazilian company to be included on the Climate A List of CDP Investor. The Company also confirmed its inclusion in the 12th portfolio of the Corporate Sustainability Index (ISE) of the São Paulo Stock Exchange (BM&FBovespa) and was included for the fifth straight time in the Dow Jones Sustainability Emerging Markets Index.

Compliance:

In 2016, Braskem launched a comprehensive Compliance Program to strengthen its governance, aiming to significantly reduce the likelihood of similar events that led to the need of the Global Settlement with the authorities occur again.

In addition to the initiatives already implemented in 2016, the Program presents actions that will also take place in the course of 2017, among them:

- (i) Creating, in May 2016, a Compliance Committee formed by independent members of the Board of Directors and reporting directly to the Board of Directors.
- (ii) Hiring, in August 2016, a Chief Compliance Officer (CCO) with proven experience, who reports to the Compliance Committee, to head the Compliance department.
- (iii) Expanding the number of Team Members specializing in Compliance to work in the Internal Controls, Risk Management, Compliance and Internal Audit departments, while also increasing the resources available, based on best practices in compliance.
- (iv) Creating the Internal Audit department, which is responsible for analyzing processes independently and objectively, for verifying compliance with policies and procedures, and for assessing the effectiveness of controls.
- (v) Approval by the Board of Directors of a Compliance Policy focused on acting with ethics, integrity and transparency, and which includes anti-corruption policies and policies on related-party transactions.
- (vi) Incorporating anti-corruption clauses in service agreements with third parties.
- (vii) Implementing a comprehensive training program, which includes senior managers (decision-makers) and key departments (e.g., Legal and Compliance), focused on best compliance practices and the need to strengthen the control environment.
- (viii) Implementing a training program for all team members of the Company, to be concluded during 2017.
- (ix) Producing communications on compliance from leaders for distribution to the entire Company.
- (x) Administering training and producing training materials, in 2017, on the Corporate Affairs Guide, to regulate interaction with politicians and executives at state-owned companies.
- (xi) Improving the process for registering suppliers by implementing controls in the payment process and incorporating compliance clauses in service agreements with third parties.
- (xii) Implementing and assessing improvements in the internal controls related to processes that have presented vulnerabilities in the past, such as the publication of new manuals and the monitoring and accounting of commission payments, to ensure that preventive and detective controls are in place to mitigate risks.

OUTLOOK

Despite the consistent downward path in inflation and the increase in investor confidence in recent months, the same macroeconomic challenges of 2016 remain in place in 2017. Although a recovery in economic growth is expected in 2017, the consensus expectation is calling for gradual and slow growth. According to the Central Bank report of December 2016, industrial activity in Brazil should grow by 0.6% in 2017, with the GDP growth forecast for the year revised downward from 1.3% to 0.8%.

In the international market, according to the International Monetary Fund (IMF), the outlook improved for advanced economies in 2017 and 2018, given the stronger economic activity registered in the second half of 2016 and expectation of fiscal stimulus in the United States. For emerging markets and developing economies in general, the growth outlook worsened marginally, with an upward revision for China given the expectation of economic stimulus and downward revisions for large countries like Mexico given the uncertainties associated with the election of Trump.

In the oil market, the expectation is for OPEC members to maintain their agreement and other producers to limit global supply, which could support higher oil prices and consequently boost the competitiveness of gas-based producers in relation to naphtha-based ones.

In the petrochemical industry, new polyethylene capacities coming online in the United States as of end-2017 and mainly in 2018 could pressure polyethylene spreads in the international market in the period, with a recovery expected as of 2019. For other resins (PP and PVC), the expectations are calling for stability in spreads at sustainable levels, especially in the U.S. market for PP, where no new capacity is expected before the end of the decade.

In this scenario, the Company's strategy will be to focus on: (i) diversifying its feedstock profile and geographic footprint to mitigate the volatility of the petrochemical cycle; (ii) exports, while capturing synergies across Braskem's units and commercial offices; (iii) strengthening its petrochemical operations by ensuring high operating efficiency, productivity and competitiveness at units in all regions, with the highlight the stabilization of production at the Mexico complex; (iv) seeking new opportunities for growth in PP based on competitive propylene feedstock in the United States; (v) continually enhancing its compliance program and governance practices; while maintaining its financial health and cost discipline.

► BRAZIL

Braskem's results in Brazil are formed by the following segments: Basic Petrochemicals, Polyolefins, Vinyls and Chemical Distribution.

In 4Q16, the segments in Brazil posted net revenue of R\$12,262 million and EBITDA of R\$1,821 million, which accounted for 82% and 74%, respectively, of the Company's consolidated segments.

Financial Overview (R\$ million) BRAZIL	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Net Revenue	12,262	12,536	12,046	-2%	2%	49,217	47,911	3%
Cost of Good Sold	(9,928)	(10,157)	(9,670)	-2%	3%	(39,805)	(38,623)	3%
Gross Profit	2,334	2,380	2,377	-2%	-2%	9,413	9,288	1%
Gross Margin	19%	19%	20%	0 p.p.	-1 p.p.	19%	19%	0 p.p.
SG&A	(629)	(622)	(646)	1%	-3%	(2,372)	(2,232)	6%
Other Operating Income (expenses)	(381)	(67)	(265)	471%	44%	(543)	(341)	59%
EBITDA	1,821	2,206	1,934	-17%	-6%	8,485	8,502	0%
EBITDA Margin	15%	18%	16%	-3 p.p.	-1 p.p.	17%	18%	-1 p.p.

1. BASIC PETROCHEMICALS

The Basic Petrochemicals segment is formed by and operates four petrochemical complexes (Camaçari, Triunfo, São Paulo and Rio de Janeiro) producing olefins, aromatics and utilities.

4Q16 and 2016 Earnings Release

Earnings Release – Unaudited – 4Q16 and 2016



These units have total annual ethylene production capacity of 3,952 kton, of which approximately 78% is naphtha-based, 16% is gas-based and the remainder is ethanol-based. Of the total ethylene produced by the Basic Petrochemicals Unit, around 80% is transferred for use by Braskem's Polyolefins and Vinyls segments.

Total annual propylene production capacity is 1,585 kton, of which approximately 65% on average is transferred for use by the Company's Polyolefins segment.

The following table provides a financial overview of this segment:

Financial Overview (R\$ million) BASIC PETROCHEMICALS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Net Revenue	6,548	6,409	6,297	2%	4%	25,063	24,270	3%
Cost of Good Sold	(5,312)	(5,194)	(5,247)	2%	1%	(20,263)	(20,053)	1%
Gross Profit	1,236	1,215	1,051	2%	18%	4,799	4,217	14%
Gross Margin	19%	19%	17%	0 p.p.	2 p.p.	19%	17%	2 p.p.
SG&A	(185)	(198)	(202)	-6%	-8%	(697)	(659)	6%
Other Operating Income (expenses)	(268)	(44)	(159)	507%	69%	(374)	(178)	110%
EBITDA	1,080	1,274	986	-15%	10%	4,913	4,440	11%
EBITDA Margin	16%	20%	16%	-3 p.p.	1 p.p.	20%	18%	2 p.p.

Capacity Utilization:

The average capacity utilization rate in 4Q16 stood at 90%, which is explained by the continued good performance of the crackers, especially in São Paulo and Rio Grande do Sul, which operated at utilization rates of 95% and 100%, respectively, which also minimized the effects from the scheduled maintenance shutdown of the cracker in Bahia that lasted some 40 days. The average capacity utilization rate in the quarter was 7 p.p. higher than in 4Q15, a period that was adversely affected by the incident at the cracker in São Paulo, and 6 p.p. lower than in 3Q16.

Another positive highlight in 4Q16 was the ethane- and propane-based cracker in Rio de Janeiro, which operated at an average capacity utilization of 95%, increasing 14 p.p. and 7 p.p. from 4Q15 and 3Q16, respectively.

In 2016, Braskem's crackers operated at an average capacity utilization rate of 92%, an increase of 3 p.p. from 2015, which is mainly explained by: (i) the good operating performance of the crackers, in line with the Company's strategy to ensure its operating efficiency in order to serve the Brazilian market, while exporting any volumes not absorbed; and (ii) the higher availability of feedstock at the gas-based cracker in Rio de Janeiro.

Production:

Due to the good operating performance, the production of basic petrochemicals in 2016 amounted to 8.5 million tons, increasing 3% from 2015 and setting a new record for the Company. In the year, ethylene production also set a new record and posted growth of 3% on the prior year.

Performance (tons) BASIC PETROCHEMICALS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Production								
Ethylene	844,392	903,308	786,949	-7%	7%	3,459,861	3,357,077	3%
utilization rate	90%	96%	83%	-6 p.p.	6 p.p.	92%	89%	3 p.p.
Propylene	330,266	361,837	329,135	-9%	0%	1,400,466	1,389,796	1%
Cumene	54,513	45,935	42,931	19%	27%	193,936	203,079	-5%
Butadiene	95,021	109,156	89,959	-13%	6%	411,688	389,273	6%
BTX*	234,028	267,985	224,140	-13%	4%	1,000,489	981,570	2%
Others	576,310	468,193	424,965	23%	36%	2,018,037	1,901,254	6%
Total Production	2,134,529	2,156,415	1,898,079	-1%	12%	8,484,476	8,222,049	3%

BTX* - Benzene, Toluene and Paraxylene

Internal Transfers: The Basic Petrochemicals segment transfers mainly ethylene to the Vinyls segment and ethylene and propylene to the Polyolefins segment.

4Q16 and 2016 Earnings Release

Earnings Release – Unaudited – 4Q16 and 2016

Performance (tons) BASIC PETROCHEMICALS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Transfers								
Ethylene	701,944	752,655	659,481	-7%	6%	2,856,541	2,793,531	2%
Propylene	248,871	258,811	243,470	-4%	2%	1,022,070	987,280	4%
Total Transfers	950,815	1,011,465	902,950	-6%	5%	3,878,611	3,780,810	3%

Sales Volume – Brazilian Market:

In 4Q16, sales volume of key basic petrochemicals to third parties in the market amounted to 459 kton, up 8% from the year-ago period, driven by the growth of 37% in paraxylene sales volume compared to 4Q15, and the higher sales volumes of ethylene and propylene. Compared to 3Q16, sales volume of key basic petrochemicals fell 8%, which is explained by the lower supply of products due to the scheduled shutdown of the cracker in Bahia and by seasonality.

In 2016, sales volume of key petrochemicals to third parties was 1.8 million tons, up 5% from 2015.

Performance (tons) BASIC PETROCHEMICALS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales - Brazilian Market								
Ethylene	115,902	143,440	103,608	-19%	12%	511,865	485,761	5%
Propylene	75,036	83,109	65,431	-10%	15%	291,311	246,081	18%
Cumene	52,431	51,352	49,848	2%	5%	194,472	206,035	-6%
Butadiene	47,187	50,940	47,676	-7%	-1%	198,451	220,109	-10%
BTX*	168,721	168,518	160,348	0%	5%	676,958	631,466	7%
Total Brazilian Market	459,276	497,359	426,911	-8%	8%	1,873,057	1,789,453	5%

BTX* - Benzene, Toluene and Paraxylene

Net Revenue – Domestic Market:

In 4Q16, net revenue came to R\$4,811 million (including R\$2,588 million related to sales to the Polyolefins and Vinyls units), down 5% from 4Q15, mainly due to the 14% Brazilian real appreciation between periods. In U.S. dollar, net revenue was US\$1,461 million, improving 11% from 4Q15, mainly reflecting the higher sales volume of basic petrochemicals, led by gasoline and paraxylene, and the higher prices for basic petrochemicals in the international market, especially for butadiene⁸, whose price gained 50% in the period, driven by stronger demand on improving auto sales in Asia.

In 2016, net revenue from domestic sales in Brazil came to R\$19,490 million (including R\$10,775 million from sales to the Polyolefins and Vinyls units), increasing 1% compared to 2015. The increase is mainly explained by the higher sales by volume of basic petrochemicals to third parties, with the highlight the redirecting of gasoline sales to the domestic market, which grew by 66% from the prior year.

In U.S. dollar, net revenue came to US\$5,611 million, down 4% from the previous year, mainly due to the lower prices for key basic petrochemicals in the international market, which were partially offset by the 5% depreciation in the Brazilian real between periods.

Sales Volume – Export Market:

In 4Q16, exports of key basic petrochemicals came to 163 kton, down 15% from the same period of 2015, which is basically explained by the shift in the sales mix given the priority on paraxylene and propylene sales in the domestic market. Compared to 3Q16, export volume of key basic petrochemicals decreased by 16%.

In 2016, exports of key basic petrochemicals reached 705 kton, down 7% from 2015, which is mainly explained by the substitution of propylene export volumes to supply to a client in the acrylics complex in Bahia and by the higher volume of transfers to the Polyolefins segment to produce PP, with these factors partially offset by the higher exports of benzene and butadiene.

⁸ USG Butadiene – Base IHS: 4Q15 US\$735/t vs. 4Q16 US\$1,105/t

Performance (tons) BASIC PETROCHEMICALS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales - Export Market								
Ethylene	7,917	12,856	20,128	-38%	-61%	64,193	62,859	2%
Propylene	7,501	24,157	36,073	-69%	-79%	79,312	170,454	-53%
Cumene	-	-	-	-	-	-	-	-
Butadiene	52,167	58,980	43,710	-12%	19%	213,666	165,404	29%
BTX*	95,965	98,405	84,165	-2%	14%	347,498	356,195	-2%
Total Exports	163,550	194,398	184,076	-16%	-11%	704,670	754,911	-7%

BTX* - Benzene, Toluene and Paraxylene

Net Revenue - Export Market:

In 4Q16, net revenue from exports of basic petrochemicals amounted to R\$1,737 million, increasing 41% from 4Q15, which is mainly explained by the higher sales volumes and increases in the international price references for butadiene and benzene. In U.S. dollar, net revenue from exports came to US\$527 million, increasing 65% from 4Q15.

In 2016, net revenue from exports was R\$5,572 million, 13% higher than in 2015, mainly due to: (i) the depreciation in the Brazilian real between periods; and (ii) the higher sales volume and better international price references for certain basic petrochemicals, especially butadiene.

In U.S. dollar, net revenue from exports was US\$1,627 million, increasing 11% from 2015.

COGS: naphtha, HLR (refinery gas), ethane and propane are the main feedstocks used by the Basic Petrochemicals segment to produce olefins and aromatics. Petrobras supplies 100% of the HLR, ethane and propane consumed by Braskem and around 70% of the naphtha, with the remainder met by imports from various suppliers.

In 4Q16, cost of goods sold at the Basic Petrochemicals Unit amounted to R\$5,312 million, up 1% from 4Q15. The 14% appreciation in the Brazilian real was offset by the higher production volume and higher raw material costs.

In 4Q16, the ARA naphtha price reference averaged US\$440/ton, increasing 7% compared to 4Q15, which is primarily explained by higher oil prices on expectations of an agreement between the Organization of Oil Exporting Countries (OPEC) and non-members to cut production and reduce global oversupply.

For the supply of naphtha in the Brazilian market (average of n-1 quote), the international price reference averaged US\$418/ton, up 1% compared to 4Q15, when the average price was based on the three-month moving average.

The USG price reference for ethane, the feedstock used by the Rio de Janeiro cracker, averaged 24 ¢/gal (US\$ 177/ton), increasing 36% from 4Q15, explained by: (i) the 38% higher natural gas price compared to the year-ago period; (ii) stronger domestic consumption; and (iii) the logistics debottlenecking project to support higher export volumes.

The USG price reference for propane averaged 58 ¢/gal (US\$302/t), increasing 39% compared to 4Q15, which is explained mainly by the higher export volume and stronger demand for heating, given the expectation of a more rigorous winter.

In U.S. dollar, the cost of goods sold of the Basic Petrochemicals unit was US\$1,613 million in 4Q16, increasing 18% on 4Q15.

In 2016, COGS was R\$20,263 million, up 1% from 2015, mainly due to the higher total production volume and the 5% depreciation in the Brazilian real between the periods, with these factors partially offset by the lower prices for key feedstocks in the international market.

In 2016, the ARA naphtha price averaged US\$385/ton, down 17% from 2015, explained by lower oil prices. The decrease mainly reflects (i) the higher production and uncertainties concerning global supply; (ii) higher inventories, especially in the U.S. Gulf region; and (iii) lower demand for fuel production.

Regarding the supply of naphtha in the Brazilian market (average of n-1 quote), the international price reference averaged US\$379/ton in 2016, decreasing 23% from 2015 (when the average price was based on the three-month moving average).

In 2016, the USG price reference for ethane, the feedstock used by the Rio de Janeiro cracker, averaged 20¢/gal (US\$146/ton), increasing 7% from 2015, explained by the stronger demand resulting from logistics debottlenecking projects, which supported higher export volumes.

Meanwhile, the USG price reference for propane in 2016 averaged 48 ¢/gal (US\$ 252/ton), increasing 7% from 2015, which is explained by the equalization of inventories given the higher consumption by dehydrogenation (PDH) units, the stronger export volumes and the stability in PP production volume.

In U.S. dollar, COGS at the Basic Petrochemicals Unit amounted to US\$5,855 million in 2016, down 4% from 2015.

SG&A Expenses:

In 4Q16, selling, general and administrative expenses amounted to R\$185 million, down 8% from the same period of 2015, due to the lower export volume and consequently lower logistics expenses.

In 2016, selling, general and administrative expenses amounted to R\$697 million, up 6% from 2015, which is explained by the higher total sales volume and increased logistics costs, primarily with exports.

EBITDA:

In 4Q16, the Basic Petrochemicals segment posted EBITDA of R\$1,080 million, up 10% from 4Q15, mainly due to higher spreads for key basic petrochemicals in the international market, led by the butadiene/naphtha spread, which increased 106%. In U.S. dollar, EBITDA amounted to US\$330 million, advancing 29% from the same period in 2015. EBITDA margin stood at 16% in the quarter.

In 2016, the Basic Petrochemicals unit posted EBITDA of R\$4,913 million, an increase of 11% on 2015, which is mainly explained by the higher total sales volume, better spreads for certain petrochemical products and Brazilian real depreciation between periods. In U.S. dollar, EBITDA amounted to US\$1,416 million, up 7% from 2015.

In the year, EBITDA from the Basic Petrochemicals segment accounted for 43% of the Company's consolidated EBITDA.

2. POLYOLEFINS

The Polyolefins segment is formed by 18 industrial plants in Brazil producing polyethylene (PE) and polypropylene (PP), which includes the production of Braskem's Green PE from renewable feedstock.

The industrial operations consist of the PE and PP plants located in the petrochemical complexes of Triunfo, Camaçari, São Paulo, Paulínia and Rio de Janeiro, which have combined annual production capacity of 3,055 kton of PE, with 200 kton of Green PE and 1,850 kton of PP.

The following table provides a financial overview of the Polyolefins unit:

Financial Overview (R\$ million)	4Q16	3Q16	4Q15	Change	Change	2016	2015	Change
POLYOLEFINS	(A)	(B)	(C)	(A)/(B)	(A)/(C)	(D)	(E)	(D)/(E)
Net Revenue	4,730	5,170	4,785	-8%	-1%	20,307	19,986	2%
Cost of Good Sold	(3,731)	(4,090)	(3,659)	-9%	2%	(16,041)	(15,461)	4%
Gross Profit	1,000	1,079	1,126	-7%	-11%	4,267	4,525	-6%
Gross Margin	21%	21%	24%	0 p.p.	-2 p.p.	21%	23%	-2 p.p.
SG&A	(345)	(327)	(348)	6%	-1%	(1,301)	(1,225)	6%
Other Operating Income (expenses)	(64)	(22)	(63)	193%	3%	(120)	(131)	-8%
EBITDA	697	849	829	-18%	-16%	3,295	3,647	-10%
EBITDA Margin	15%	16%	17%	-2 p.p.	-3 p.p.	16%	18%	-2 p.p.

Capacity Utilization:

The PE plants operated at an average capacity utilization rate of 87% in the quarter, up 6 p.p. from 4Q15, when capacity utilization was affected by the unscheduled shutdown of the São Paulo cracker. Compared to 3Q16, the average capacity utilization rate fell 6 p.p., influenced by the scheduled maintenance shutdown of one of the lines at the Bahia cracker. In 2016, the PE plants operated with an average capacity utilization rate

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of 89%, up 2 p.p. from 2015, influenced mainly by the better performance of the plants in the states of Sao Paulo and Rio de Janeiro.

The PP plants operated at an average capacity utilization rate of 85% in 4Q16, up 9 p.p. from the year-ago period, which is explained by the better performance of the plants in São Paulo state. Compared to 3Q16, the average capacity utilization rate was 2 p.p. lower. In 2016, the PP industrial units operated with an average capacity utilization rate of 86%, up 10 p.p. from 2015, influenced by the better performance of the plants in São Paulo state and the Rio de Janeiro complex, given the higher supply of propylene to the Basic Petrochemicals segment.

Production:

With the higher average capacity utilization rate, production by the Polyolefins segment came to 4,301 kton in 2016, setting a new record for PE production.

Performance (tons) POLYOLEFINS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Production								
PE's	667,187	711,879	623,150	-6%	7%	2,708,466	2,648,819	2%
utilization rate	87%	93%	81%	-6 p.p.	5 p.p.	89%	87%	2 p.p.
PP	393,676	403,527	384,322	-2%	2%	1,592,474	1,510,363	5%
utilization rate	85%	87%	76%	-2 p.p.	9 p.p.	86%	76%	10 p.p.
Total Production	1,060,862	1,115,407	1,007,472	-5%	5%	4,300,940	4,159,182	3%

Utilization rate does not comprises capacity of the hibernated PP plant in Bahia from 1Q16 onwards

Brazilian Market:

The estimated market for polyolefins (PE and PP) in 4Q16 reached 964 kton, up 12% from 4Q15. Compared to 3Q16, the estimated market for polyolefins contracted 6%, mainly due to seasonality. Despite the contraction, PE posted a solid performance, especially in the food, industrial and retail industries.

In 2016, the polyolefins market was estimated at 3.9 million tons, the same level as in 2015. The highlight in the year was the positive performance of packaging for the agricultural sector; the launch by Braskem of new products (Flexus Cling, Amppleo) and the creation of the WeCycle platform, an initiative to value plastic waste in the production chain through projects developed by the Company.

Sales Volume – Brazilian Market:

Braskem's sales volume accompanied the performance of Brazil's polyolefins demand and grew 8% from the same period last year. Meanwhile, market share stood at 71%, down 3 p.p. from 4Q15.

Due to seasonality, sales volume in Brazil fell 9% compared to 3Q16. In the year, sales volume in Brazil decreased 1% from 2015, with market share of 73%, in line with the previous year.

Performance (tons) POLYOLEFINS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales - Brazilian Market								
PE's	419,557	457,951	378,276	-8%	11%	1,705,462	1,705,877	0%
PP	266,864	293,399	255,084	-9%	5%	1,105,675	1,126,949	-2%
Total Brazilian Market	686,421	751,350	633,361	-9%	8%	2,811,137	2,832,827	-1%

Net Revenue – Domestic Market:

Net revenue in 4Q16 came to US\$1,050 million, increasing 14% from 4Q15, supported by the stronger sales volume and higher prices in the international market. In Brazilian real, net revenue amounted to R\$3,311 million, or 3% lower than in 4Q15, reflecting the average Brazilian real appreciation of 14% between periods.

In 2016, net revenue came to US\$4,008 million, down 6% from 2015, mainly due to the lower PP prices in the international market. In Brazilian real, net revenue amounted to R\$13,903 million, or 1% lower than in 2015.

Sales Volume – Export Market:

Compared to 4Q15, when the Company prioritized sales to the domestic market following the reduction in production caused by the incident at the São Paulo site, exports advanced 37%. Compared to 3Q16, exports

contracted 8%. In the year, the polyolefins unit exported 1,590 kton, or 22% more than in 2015, led by exports of PP, mainly to South America and Europe and higher PE exports to northern South America, as a strategy to support the startup of the Mexico complex.

Performance (tons) POLYOLEFINS	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales - Export Market								
PE's	233,859	270,825	186,721	-14%	25%	1,024,233	921,044	11%
PP	142,174	136,429	88,365	4%	61%	566,255	386,150	47%
Total Exports	376,032	407,254	275,086	-8%	37%	1,590,488	1,307,193	22%

Net Revenue – Export Market:

In 4Q16, net revenue from exports came to US\$431 million, increasing 20% compared to 4Q15, influenced by the higher export volume and better polyolefin prices in the international market. In Brazilian real, net revenue advanced 3%. In 2016, net revenue from exports was 3% and 8% higher than in 2015 in U.S. dollar and Brazilian real, respectively. The higher sales volume and Brazilian real depreciation offset the lower average prices in the international market.

COGS: ethylene and propylene are the main feedstocks used to make PE and PP, respectively. For PE production, 100% of the ethylene used is supplied by the Basic Petrochemicals Unit, as is 65% of the propylene used to make PP, with the remainder supplied by Petrobras.

In 4Q16, cost of goods sold (COGS) of the Polyolefins Unit amounted to R\$3,731 million, increasing 2% compared to 4Q15. The higher sales volume and price increases due to both the European ethylene price reference and USG propylene were partially offset by the stronger Brazilian real.

The average U.S. Gulf (USG) price reference for propylene stood at US\$797/ton, up 15% from the same quarter last year, mainly on the maintenance shutdowns at crackers and increased propylene export volume in the quarter. The European (NWE) price reference for ethylene, which is used for internal transfers, averaged US\$1,024/ton, increasing 2% from 4Q15.

In 2016, cost of goods sold (COGS) of the Polyolefins Unit amounted to R\$16,041 million, increasing 4% compared to 2015. The lower feedstock prices were insufficient to offset the higher sales volume and Brazilian real depreciation. The average price reference for ethylene in the U.S. Gulf (USG) was US\$759/ton, while the international price reference for Europe (NWE) averaged 1,005/ton, down 12% and 6%, respectively, from 2015.

SG&A Expenses:

In 4Q16, selling, general and administrative expenses were R\$45 million, down 1% from the same period of 2015. In the year, SG&A expenses amounted to R\$1,301 million in 2016, increasing 6% compared to 2015, influenced by the higher sales volumes.

EBITDA:

EBITDA amounted to R\$697 million, declining 16% from 4Q15. The higher sales volume and improvement in international spreads for polyolefins were insufficient to offset the 14% Brazilian real appreciation in the period. In U.S. dollar, EBITDA amounted to US\$213 million, decreasing 1% from 4Q15, with EBITDA margin of 15%, down 2 p.p. EBITDA in the segment accounted for 28% of consolidated EBITDA, compared to 34% in 4Q15.

In 2016, EBITDA amounted to R\$3,295 million, down 10% from 2015. The lower international spreads were partially offset by the higher sales volume combined with the Brazilian real depreciation. In U.S. dollar, EBITDA contracted 15% to US\$948 million, with EBITDA margin of 16%, down 2 p.p. from 2015. In 2016, EBITDA from Polyolefins accounted for 29% of consolidated EBITDA, compared to 38% in 2015.

3. VINYL

The Vinyls segment is formed by the industrial and commercial operations of the PVC, Chlorine and Caustic Soda units, as well as other products such as hydrogen and sodium hypochlorite.

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Earnings Release – Unaudited – 4Q16 and 2016



The industrial operations include three PVC plants located in the petrochemical complexes in Camaçari and Alagoas and the two chlor-alkali plants located in the same two petrochemical complexes.

The Company's annual production capacity is 710 kton of PVC and 539 kton of caustic soda.

The following table provides a financial overview of the Vinyls unit:

Financial Overview (R\$ million) VINYLs	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Net Revenue	794	740	724	7%	10%	3,016	2,780	9%
Cost of Good Sold	(732)	(698)	(568)	5%	29%	(2,834)	(2,416)	17%
Gross Profit	62	43	156	45%	-60%	183	364	-50%
Gross Margin	8%	6%	22%	2 p.p.	-14 p.p.	6%	13%	-7 p.p.
SG&A	(68)	(62)	(64)	9%	6%	(241)	(225)	7%
Other Operating Income (expenses)	(48)	0	(42)	-	14%	(49)	(27)	83%
EBITDA	38	75	108	-50%	-65%	241	355	-32%
EBITDA Margin	5%	10%	15%	-5 p.p.	-10 p.p.	8%	13%	-5 p.p.

Capacity Utilization:

The average capacity utilization rate of the PVC plants stood at 91% in the quarter, improving 14 p.p. from the same period of 2015. Compared to 3Q16, the average capacity utilization rate increased by 3 p.p. In 2016, the average capacity utilization of the PVC plants stood at 84%, up 7 p.p. from 2015.

Production:

Performance (tons) VINYLs	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Production								
PVC	162,873	156,655	146,836	4%	11%	594,039	542,297	10%
utilization rate	91%	88%	82%	3 p.p.	14 p.p.	84%	76%	7 p.p.
Caustic Soda	113,282	119,827	114,372	-5%	-1%	440,907	436,185	1%
Total Production	276,156	276,482	261,208	0%	6%	1,034,945	978,482	6%

Brazilian Market:

Estimated PVC consumption in 4Q16 amounted to 254 kton, growing 15% from the same period in 2015. Compared to 3Q16, domestic sales of PVC contracted 6%. In 2016, the Brazilian market for PVC contracted by 2% from the previous year, due to weaker activity in the construction and infrastructure sectors.

Sales Volume – Brazilian Market:

In the quarter, PVC sales increased 17% from 4Q15, and decreased 1% from 3Q16. Meanwhile, market share stood at 54%.

In 2016, sales in the Brazilian market amounted to 528 kton, in line with 2015, with the highlight the sales made to the agricultural sector (irrigation tubing). Market share expanded to 52%, up 1 p.p. from 2015.

Performance (tons) VINYLs	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales - Brazilian Market								
Brazilian Market - PVC	253,731	269,553	221,211	-6%	15%	1,023,867	1,048,053	-2%
Braskem Sales	137,377	138,327	117,680	-1%	17%	528,314	529,493	0%
Market Share	54%	51%	53%	3 p.p.	1 p.p.	52%	51%	1 p.p.

Net Revenue – Domestic Market:

Net revenue in 4Q16 came to US\$205 million, increasing 15% from 4Q15, due to the higher sales volume and better prices for PVC in the international market. In Brazilian real, net revenue from the unit's domestic sales came to R\$675 million, down 1% from the same quarter last year.

In 2016, net revenue from domestic sales of vinyls increased 4% compared to 2015, to R\$2,695 million. In U.S. dollar, net revenue was US\$777 million, or 1% lower.

Sales Volume – Export Market:

For the seventh straight quarter, Braskem exported a portion of its PVC production. In 4Q16, exports amounted to 39 kton, compared to 13 kton in 4Q15. Compared to 3Q16, exports advanced 23 kton.

In the year, exports increased by 79% from 2015, influenced by the Company's strategy to export part of its PVC production given the weaker demand in the domestic market.

Performance (tons) VINYLs	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales - International Market								
PVC	39,035	16,483	13,426	137%	191%	116,919	65,375	79%
Total Exports	39,035	16,483	13,426	137%	191%	116,919	65,375	79%

Net Revenue - Export Market:

Net revenue from PVC exports grew 69% and 65% compared to 2015 in U.S. dollar and Brazilian real, respectively, amounting to US\$92 million and R\$321 million.

COGS: Ethylene, energy and salt are the main inputs used by the Vinyls segment to produce caustic soda, chlorine and PVC. The ethylene is 100% supplied by the Basic Petrochemicals segment. In salt consumption, Braskem holds significant cost advantages over some competitors thanks to its low-cost extraction of sodium chloride (especially compared to sea salt) and low transportation costs, given its industrial unit's proximity to the salt mine.

In 4Q16, the unit's cost of goods sold (COGS) amounted to R\$732 million, increasing 29% from 4Q15, influenced by the higher production and sales volume.

In 2016, (COGS) amounted to R\$2,834 million, up 17% from 2015, mainly explained by the Brazilian real depreciation and the higher production volume and sales of vinyls in the period.

SG&A Expenses:

Selling, general and administrative expenses amounted to R\$68 million in 4Q16 and to R\$241 million in 2016, increasing 6% and 7%, respectively from the previous year, influenced by the higher sales volumes.

EBITDA:

EBITDA amounted to US\$12 million, declining 58% from 4Q15. In Brazilian real, EBITDA amounted to R\$38 million, down 65% from 4Q15, with EBITDA margin of 5%, down 10 p.p. The segment's EBITDA accounted for 2% of consolidated EBITDA, compared to 4% in 4Q15.

In the year, EBITDA from the Vinyls segment amounted to R\$241 million, down 32% from 2015. In U.S. dollar, EBITDA contracted 32% to US\$69 million, with EBITDA margin of 8%, down 5 p.p. from 2015. In 2016, the segment's EBITDA accounted for 2% of consolidated EBITDA, compared to 4% in 2015.

4. CHEMICALS DISTRIBUTION (quantiQ):

The chemicals distribution segment has a portfolio of more than 1,500 products. The products are classified as commodities, performance and specialties.

The following table presents a financial overview of the Chemicals Distribution unit:

Financial Overview (R\$ million) CHEMICALS DISTRIBUTION	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Net Revenue	190	217	239	-12%	-20%	831	875	-5%
Cost of Good Sold	(153)	(174)	(195)	-12%	-21%	(667)	(693)	-4%
Gross Profit	37	43	44	-14%	-16%	164	182	-10%
Gross Margin	19%	20%	18%	0 p.p.	1 p.p.	20%	21%	-1 p.p.
SG&A	(31)	(35)	(32)	-11%	-3%	(133)	(123)	8%
Other Operating Income (expenses)	(1)	(1)	(2)	-36%	-66%	(1)	(5)	-87%
EBITDA	6	8	11	-18%	-44%	36	59	-40%
EBITDA Margin	3%	4%	5%	0 p.p.	-1 p.p.	4%	7%	-3 p.p.

Net Revenue:

In 4Q16, net revenue was US\$58 million, down 7% compared to 4Q15. In Brazilian real, net revenue fell 21%, mainly due to the effects from the stronger Brazilian real on price-references in U.S. dollar.

Despite the higher sales volume influenced primarily by the better performance of the commodities segment, which includes products such as methanol and caustic soda, net revenue in the year decreased 9% from 2015, to US\$239 million. In Brazilian real, net revenue was R\$831 million, down 5% from 2015.

COGS: The main cost of the Chemicals Distribution Unit is the acquisition of products.

In 4Q16, cost of goods sold in the segment came to R\$153 million, down 20% from the same quarter of 2015. In the year, cost of goods sold amounted to R\$667 million, down 4% from 2015.

EBITDA:

EBITDA in 4Q16 was US\$2 million, decreasing US\$1 million from 4Q15. In Brazilian real, EBITDA came to R\$6 million, a decrease of R\$ 5 million in relation to 4Q15, with EBITDA margin contracting 2 p.p. to 3%. EBITDA from Chemicals Distribution accounted for around 1% of consolidated EBITDA, the same level as in 4Q15.

In 2016, EBITDA came to US\$10 million, down 43% from the prior year. In Brazilian real, EBITDA contracted 40% to R\$36 million, with EBITDA margin of 4%, down 3 p.p. from 2015. In 2016, EBITDA from Chemicals Distribution accounted for around 1% of consolidated EBITDA, the same level as in 2015.

► INTERNATIONAL BUSINESSES

Braskem's overseas results are formed by the polypropylene plants and commercial operations in the United States and Europe and by Braskem Idesa, the petrochemical complex in Mexico.

5. UNITED STATES AND EUROPE

The segment's results are formed by five industrial plants in the United States and two in Europe, with aggregate annual production capacity of 2,010 kton, with 1,465 kton in the United States and 545 kton in Europe.

In 4Q16, the segment posted net revenue of R\$2,014 million (US\$612 million) and EBITDA of R\$338 million (US\$103 million), representing 17% and 14%, respectively, of the Company's consolidated revenue and EBITDA.

The following table provides a financial overview of the United States and Europe segment:

Financial Overview (R\$ million)	4Q16	3Q16	4Q15	Change	Change	2016	2015	Change
UNITED STATES AND EUROPE	(A)	(B)	(C)	(A)/(B)	(A)/(C)	(D)	(E)	(D)/(E)
Net Revenue	2,014	2,066	2,363	-3%	-15%	8,913	8,240	8%
Cost of Good Sold	(1,568)	(1,449)	(1,775)	8%	-12%	(6,119)	(6,892)	-11%
Gross Profit	446	618	589	-28%	-24%	2,794	1,348	107%
Gross Margin	22%	30%	25%	-7.7 p.p.	-2.7 p.p.	31%	16%	15.0 p.p.
SG&A	(160)	(148)	(141)	8%	13%	(561)	(446)	26%
Other Operating Income (expenses)	(14)	2	(10)	-	-	(9)	(13)	-31%
EBITDA	338	524	505	-35%	-33%	2,463	1,122	120%
EBITDA Margin	17%	25%	21%	-8.6 p.p.	-4.6 p.p.	28%	14%	14.0 p.p.

Capacity Utilization:

The plants in the segment operated at a capacity utilization rate of 95% in 4Q16, down 5 p.p. and 6 p.p. from 4Q15 and 3Q16, respectively. The decline was mainly due to the scheduled shutdown of the Marcus Hook Unit in the United States to carry out at a debottlenecking project to expand its production capacity. Compared to 3Q16, the lower decline reflects seasonality, since numerous clients reduce their operations during the holiday season.

4Q16 and 2016 Earnings Release

Earnings Release – Unaudited – 4Q16 and 2016



In 2016, the segment's average capacity utilization rate stood at 100%, up 2 p.p. compared to 2015. The increase is mainly due to the optimization of PP grades implemented during the year and the strong demand for resins in both regions.

Production:

Performance (tons) UNITED STATES AND EUROPE	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Production								
PP	482,170	512,361	509,806	-6%	-5%	2,007,179	1,967,028	2%
utilization rate	95%	101%	101%	-6 p.p.	-5 p.p.	100%	98%	2 p.p.

Market:

United States

PP supply increased in 4Q16 compared to 4Q15, reflecting the debottlenecking projects carried out at resin producers in the year to take advantage of the region's high polypropylene prices in 2016. In the same comparison, demand declined slightly, given the high propylene prices early in the quarter, which discouraged PP producers from building their inventories.

Compared to 3Q16, PP demand in the U.S. market decreased due to seasonality and high inventory levels.

Sales from domestic production of PP in the U.S. market contracted around 2% in 2016 compared to 2015, which was offset by the higher volume of PP imports, mainly from South Korea and Saudi Arabia. The sectors most affected by the increase in imports were housewares, carpets and biaxially oriented films, or BOPP (used in labels, tags and food packaging).

Europe

In Europe, demand for polypropylene increased compared to 4Q15, mainly due to the various unscheduled shutdowns that affected the region's resin producers in the year. The shutdowns led to a tight market and higher increases, which discouraged buyers, resulting in lower demand in the last quarter of the year.

The European PP market registered relatively weak demand in 4Q16 compared to 3Q16, which is explained by seasonality, since many converters temporarily ceased operations during the holiday season.

PP demand in Europe remained strong throughout 2016, exceeding expectations to grow by 4% compared to 2015. Relatively low PP prices, the growth in the auto and construction industries, the economic recoveries posted by European nations and an exchange rate favoring exports all supported stronger demand in the European market. Non-integrated producers posted their highest margins since 2007.

Sales Volume:

In 4Q16, sales volume in the United States and Europe segment decreased 4% from 4Q15 and 1% from 3Q16. The decline in sales is basically explained by the scheduled shutdown of the Marcus Hook Unit in the United States and by seasonality.

In 2016, PP sales volume increased 2% from the prior year, reflecting the better operating performance of the units in the year and the stronger PP demand in Europe.

Performance (tons) UNITED STATES AND EUROPE	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales								
PP	502,067	502,850	517,329	0%	-3%	2,008,473	1,973,274	2%

Net Revenue:

In 4Q16, net revenue came to US\$612 million, in line with 4Q15. In 2016, net revenue came to US\$2,553 million, up 3% from 2015, due to higher PP prices in the United States and higher sales volumes. In Brazilian real, net revenue was R\$2,014 million, down 15% from 4Q15, due to the 14% Brazilian real appreciation in the period. In 2016, net revenue came to US\$2,553 million, up 3% from the prior year, supported by higher PP prices in the U.S. market and the stronger sales volume.

COGS: The main feedstock used to make PP in the United States and Europe is propylene, which is supplied to the Company's industrial units by various local producers.

In 4Q16, cost of goods sold (COGS) of the segment amounted to US\$476 million, up -3% compared to 4Q15.

The average U.S. Gulf (USG) price reference for propylene in 4Q16 increased 15% from 4Q15, mainly due to the higher number of maintenance shutdowns at crackers and to the higher propylene export volume in the quarter, which reduced the monomer's supply.

The Europe price reference for propylene in 4Q16 averaged US\$793/ton, increasing 6% from the year-ago period (US\$749/ton), mainly due to higher oil prices and to the increased use of gas instead of naphtha as feedstock by the ethylene crackers, which limited the supply of propylene as a co-product.

In 2016, the segment's cost of goods sold (COGS) amounted to US\$1,760 million, down 16% compared to 2015.

The U.S. Gulf (USG) price reference for propylene averaged US\$759/ton in 2016, or 12% lower than in 2015, due to the feedstock's higher supply in the year from PDHs, which, despite some operating difficulties in the second half, operated at higher capacity utilization rates than in the prior year.

The Europe reference price for propylene averaged US\$727/ton, down 23% from 2015, mainly reflecting the limited supply during most of 2015, when low inventories and an above-normal number of unscheduled shutdowns led to price increases.

SG&A Expenses:

Selling, general and administrative expenses came to US\$49 million in 4Q16, up 32% from 4Q15, due to higher expenses with external audits for prior years and the correction of an expense allocation process.

In 2016, SG&A expenses amounted to US\$163 million, increasing 23% from 2015, due to higher expenses with strategic projects, higher costs with freight car leases and the expenses with external audits.

EBITDA:

EBITDA amounted to US\$103 million in the quarter, lower 21% than in the 4Q15, which is explained by the drop in the PP-propylene spread⁹ (19% in USA and 2% in Europe) and by the scheduled shutdown at the Marcus Hook Unit in the United States to expand its production capacity. In Brazilian real, EBITDA was R\$338 million, accounting for 14% of consolidated EBITDA. In 4Q15, the segment accounted for 23% of total EBITDA.

In the year, EBITDA amounted to US\$696 million, increasing 116% from 2015, which is explained by the improvement in the PP-propylene spread (24% in USA and 16% in Europe) and by the solid operating performance of plants throughout the year. In Brazilian real, EBITDA was R\$2,463 million, accounting for 21% of consolidated EBITDA.

6. MEXICO¹⁰

The segment is composed of an ethane-based cracker, two high-density (HDPE) and one low-density (LDPE) polyethylene plants, with combined annual production capacity of 1,050 kton of PE.

Since May 2016, the result of Braskem Idesa is no longer recorded as a project, but as a reportable operating segment, except for the result of the LDPE plant, which ceased to be considered a project in August.

The following table provides a financial overview of the Mexico unit in Brazilian real and U.S. dollar:

⁹ As of 2Q16, we are presenting the U.S. PP spread as follows to better reflect the U.S. market: difference between the U.S. PP (GP-homopolymer) price and the U.S. Propylene (polymer grade) price.

¹⁰ This unit includes the results of Braskem Idesa SAPI and of the other subsidiaries of Braskem S.A. in Mexico

4Q16 and 2016 Earnings Release

Earnings Release – Unaudited – 4Q16 and 2016



Financial Overview (R\$ million) MEXICO*	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Net Revenue	714	538	-	33%	-	1,587	-	-
Cost of Good Sold	(427)	(325)	-	31%	-	(1,016)	-	-
Gross Profit	287	214	-	34%	-	571	-	-
Gross Margin	40%	40%	-	0.5 p.p.	-	36%	-	-
SG&A	(67)	(79)	-	-15%	-	(240)	-	-
Other Operating Income (expenses)	(27)	(43)	-	-37%	-	(125)	-	-
EBITDA	343	214	-	60%	-	537	-	-
EBITDA Margin	48%	40%	-	8.3 p.p.	-	34%	-	-

Financial Overview (US\$ million) MEXICO*	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Net Revenue	217	166	-	31%	-	474	-	-
Cost of Good Sold	(129)	(100)	-	29%	-	(301)	-	-
Gross Profit	87	66	-	33%	-	173	-	-
Gross Margin	40%	40%	-	0.7 p.p.	-	36%	-	-
SG&A	(20)	(24)	-	-16%	-	(71)	-	-
Other Operating Income (expenses)	(9)	(13)	-	-35%	-	(38)	-	-
EBITDA	104	66	-	57%	-	165	-	-
EBITDA Margin	48%	40%	-	8.2 p.p.	-	35%	-	-

* Includes pre-marketing activities recorded in the period.

Production and Capacity Utilization:

Still in the ramp-up phase, the PE plants operated in 4Q16 at an average capacity utilization rate of 73%, increasing 10 p.p. from the previous quarter. Total PE production volume in the quarter was 193 kton. In the year, the utilization rate was 42%, with PE production volume amounting to 443 kton.

Performance (tons) MEXICO	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (A)	2015 (B)	Change (A)/(B)
Production								
PE	193,189	166,453	-	16%	n.a	443,180	-	n.a
utilization rate	73%	63%	0%	10 p.p.	n.a	42%	0%	n.a

Sales Volume:

PE sales amounted to 199 kton in 4Q16, increasing 30% from 3Q16. In the year, PE sales came to 431 kton, which included resin resales to serve the Mexican market with grades not yet produced during the ramp-up phase.

Of the total sales volume, 46% was sold in the Mexican market and the remainder exported to various regions, in particular Asia, Europe and the United States.

Performance (tons) MEXICO*	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Sales								
PE	198,706	152,904	-	30%	n.a	431,652	-	n.a

* Includes the resale of products.

Net Revenue:

In 4Q16, net revenue was R\$714 million, increasing 33% from 3Q16, due to the higher sales volume in the period. In 2016, net revenue came to R\$1,587 million (US\$474 million).

The sales price of Braskem Idesa's PE in the Mexican market is based on the price of resins sold in the U.S. Gulf region, whose average price¹¹ stood at US\$1,115/ton, down 9% from 2015, accompanying the decline in oil prices, which in turn reduced the marginal cost of PE production.

COGS:

For its ethane supply, Braskem Idesa has a long-term contract with the subsidiary of Petróleos Mexicanos (PEMEX), the Mexican state-owned oil and gas company, whose price is based on the USG ethane price reference.

¹¹ 71.4% (HDPE USA) and 28.6% (LDPE USA), as per the capacity mix of the Braskem Idesa units in Mexico.

In 4Q16, COGS came to R\$427 million, increasing 31% from 3Q16, mainly due to the higher sales volume. The USG price reference for ethane averaged 24 ¢/gal (US\$ 177/ton) in the quarter, increasing 36% from 4Q15, explained by: (i) the 38% higher natural gas price; (ii) the higher domestic consumption; and (iii) the logistics debottlenecking projects that supported higher export volumes of the United States.

In 2016, COGS came to R\$1,016 million (US\$301 million). In the year, the USG ethane price reference averaged US\$146/ton, increasing 7% from 2015, which is explained by the stronger demand following the logistics debottlenecking projects, which supported higher export volumes of the United States.

SG&A Expenses:

In 4Q16, selling, general and administrative expenses were R\$67 million, down 15% from 3Q16, due to lower expenses with technical advisory services. In 2016, SG&A expenses came to R\$240 million (US\$71 million). The highest expenses were with: (i) personnel; (ii) leasing of freight cars; (iii) advertising and marketing related to the complex's inauguration; and (iv) technical consulting services.

Other Operating Income/Expenses:

In 4Q16, includes R\$39 million related to costs and expenses with idle capacity during the ramp-up phase of the petrochemical complex. In 2016, these expenses came to R\$139 million (US\$42 million).

EBITDA:

In 4Q16, EBITDA amounted to R\$343 million (US\$104 million), increasing 60% from 3Q16, with EBITDA margin of 48%. The result was driven by higher sales volume, which supported the higher dilution of fixed costs compared to 3Q16. In 2016, EBITDA amounted to R\$537 million (US\$165 million), with EBITDA margin of 34%.

Financial Results Braskem Idesa

The financial result of Braskem Idesa is mainly impacted by the debt contracted under the project finance structure and the loan to Braskem Idesa from the project's shareholders. In 4Q16, the net financial result was an expense of R\$636 million, which is explained by:

- Interest on the project-finance debt: of R\$121 million, versus R\$108 million in 3Q16, and on the loan in the amount of R\$127 million, versus R\$109 million in 3Q16, which were adversely affected by the depreciation in the Mexican peso against the Brazilian real in the period;
- Recognition of an expense of R\$24 million related to the adoption of hedge accounting in the profit and loss in 4Q16, compared to R\$21 million in 3Q16;
 - Expense of R\$331 million related to exchange variation on the outstanding balance of the loan, or R\$162 million more than in 3Q16, due to the sharper depreciation in the Mexican peso against the U.S. dollar. As of December 31, 2016, the outstanding principal of this loan was US\$1,883 million.

In 2016, the net financial result of Braskem Idesa was an expense of R\$1,780 million, compared to the expense of R\$355 million in 2015, which is explained by (a):

- Start of the transition to the financial result of interest, which previously were capitalized during the project phase, which affects the balances of the project finance debt (R\$491 million) and of the outstanding loan (R\$464 million);
 - Recognition of an expense of R\$60 million related to the adoption of hedge accounting in the profit or loss;
 - The effect from exchange variation on the loan in the amount of R\$1,059 million, arising from the 19% depreciation in the Mexican peso against the U.S. dollar between periods.

4Q16 and 2016 Earnings Release

Earnings Release – Unaudited – 4Q16 and 2016



R\$ million	4Q16	3Q16	4Q15	2016	2015
Financial Expenses	(665)	(448)	(98)	(1,852)	(419)
Interest Expenses	(249)	(218)	6	(643)	35
Foreign Exchange Variation (FX)	(412)	(212)	(94)	(1,163)	(396)
Net Interest on Fiscal Provisions	-	(0)	(0)	(0)	(0)
Others	(4)	(18)	(10)	(46)	(59)
Financial Revenue	29	13	(19)	72	64
Interest	1	0	0	2	3
Monetary Variation (MV)	0	0	1	1	16
Foreign Exchange Variation (FX)	28	12	(20)	69	45
Others	0	0	(0)	0	0
Net Financial Result	(636)	(435)	(117)	(1,780)	(355)

R\$ million	4Q16	3Q16	4Q15	2016	2015
Net Financial Result	(636)	(435)	(117)	(1,780)	(355)
Foreign Exchange Variation (FX)	(384)	(200)	(114)	(1,094)	(350)
Monetary Variation (MV)	0	0	1	1	16
Net Financial Result Excluding FX and MV	(252)	(235)	(4)	(687)	(21)

Income Tax Braskem Idesa:

The nominal income tax rate in Mexico is 30% on the base of taxable profit, which is net income adjusted by permanent and temporary differences, such as additions, exclusions and compensations authorized under tax legislation and any accumulated tax losses from prior periods. Furthermore, under Mexican law, tax losses must be used within a maximum period of ten years, with no limit on the amount of taxable income.

Considering that Braskem Idesa did not present taxable profit in 2016 and the accumulated tax loss is R\$7,219 million, there were no cash disbursements for payment of income taxes in the year.

► CONSOLIDATED

The consolidated figures are formed by the results from the Brazil, United States & Europe and Mexico segments adjusted by eliminations and reclassifications.

The following table presents a financial overview of the consolidated results in the fourth quarter and fiscal year of 2016:

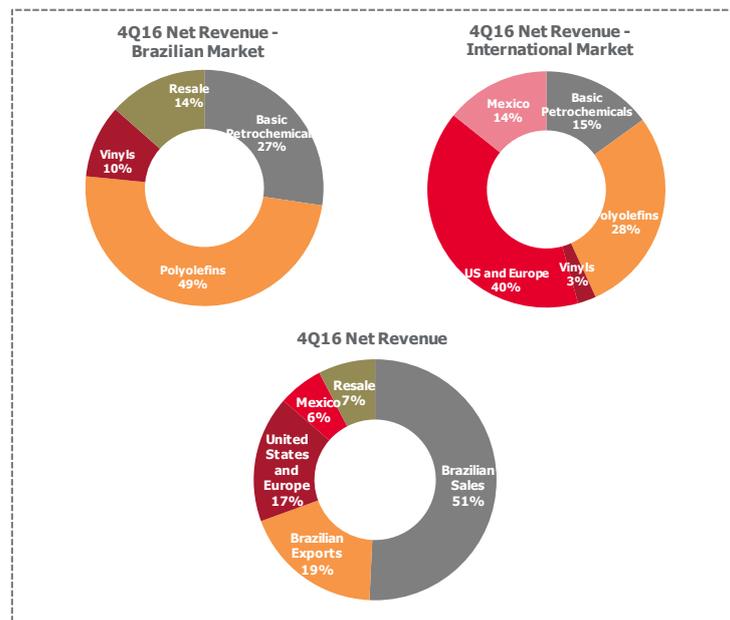
Financial Overview 4Q16 (R\$ million)	Net Revenue	COGS	Gross Profit	SG&A	Equity	Other Revenue s and Costs	Operating Profit	Total Depreciation	EBITDA
Brazil	12,262	(9,928)	2,334	(629)	-	(381)	1,324	(498)	1,821
Basic Petrochemicals	6,548	(5,312)	1,236	(185)	-	(268)	783	(297)	1,080
Polyolefins and Renewables	4,730	(3,731)	1,000	(345)	-	(64)	590	(107)	697
Vinyls	794	(732)	62	(68)	-	(48)	(54)	(92)	38
Chemicals Distribution	190	(153)	37	(31)	-	(1)	5	(1)	6
United States and Europe	2,014	(1,568)	446	(160)	-	(14)	273	(65)	338
México	714	(427)	287	(67)	-	(27)	193	(150)	343
Segments Total	14,990	(11,923)	3,068	(856)	-	(421)	1,790	(713)	2,503
Other Segments	2	(3)	(0)	-	-	0	0	(1)	1
Corporate Unit	-	-	-	(50)	7	(2,995)	(3,039)	(19)	(113)
Consolidated before eliminations	14,993	(11,925)	3,067	(907)	7	(3,416)	(1,248)	(732)	2,391
Eliminations and reclassifications	(2,917)	2,878	(39)	38	-	-	(1)	4	(6)
Braskem Total	12,076	(9,047)	3,028	(869)	7	(3,416)	(1,249)	(728)	2,385

Financial Overview 2016 (R\$ million)	Net Revenue	COGS	Gross Profit	SG&A	Equity	Other Revenue s and Costs	Operating Profit	Total Depreciation	EBITDA
Brazil	49,217	(39,805)	9,413	(2,372)	-	(543)	6,497	(1,988)	8,485
Basic Petrochemicals	25,063	(20,263)	4,799	(697)	-	(374)	3,728	(1,185)	4,913
Polyolefins and Renewables	20,307	(16,041)	4,267	(1,301)	-	(120)	2,846	(449)	3,295
Vinyls	3,016	(2,834)	183	(241)	-	(49)	(107)	(349)	241
Chemicals Distribution	831	(667)	164	(133)	-	(1)	30	(5)	36
United States and Europe	8,913	(6,119)	2,794	(561)	-	(9)	2,224	(239)	2,463
México	1,587	(1,016)	571	(240)	-	(125)	205	(332)	537
Segments Total	59,717	(46,940)	12,778	(3,173)	-	(678)	8,926	(2,559)	11,485
Other Segments	12	(15)	(3)	(2)	-	(21)	(25)	(1)	(25)
Corporate Unit	-	-	-	(104)	30	(3,028)	(3,102)	(74)	(144)
Consolidated before eliminations	59,730	(46,955)	12,775	(3,280)	30	(3,727)	5,799	(2,634)	11,316
Eliminations and reclassifications	(11,361)	11,390	29	124	-	-	153	(61)	192
Braskem Total	48,369	(35,565)	12,804	(3,156)	30	(3,727)	5,952	(2,695)	11,508

▪ Net Revenue

The share of the Brazilian market in the Company's total net revenue (ex-resale of naphtha and condensate) in 4Q16 was 51%, in line with the same quarter of last year.

In 4Q16, net revenue reached US\$3.6 billion, up 16% on 4Q15, explained by the good performance of the Mexico complex; the 8% growth in sales volume in the domestic market; and the higher prices for resins and basic petrochemicals in the international market, mainly due to the higher oil prices in 4Q16 following the OPEC agreement to cut production signed in November. In Brazilian real, net revenue came to R\$11.9 billion, down 1% from 4Q15, reflecting the stronger Brazilian appreciation between periods.

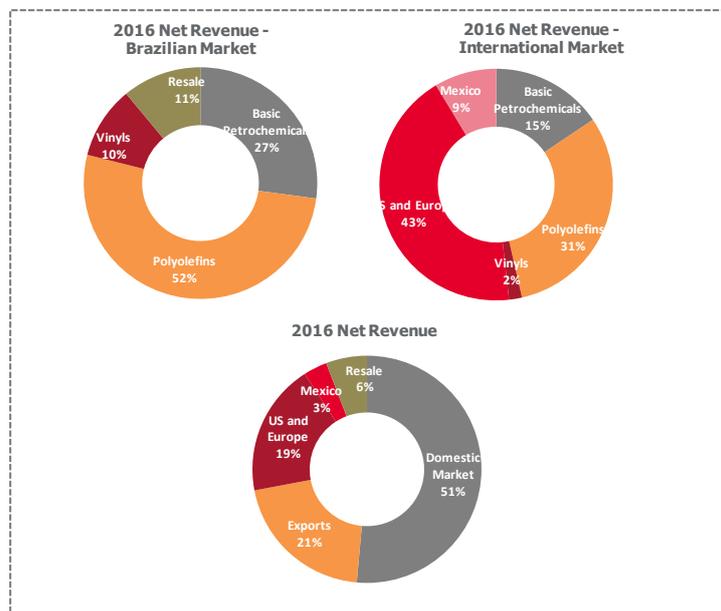


In 2016, consolidated net revenue was US\$13.7 billion, down 3% from the prior year. The decline is explained by the 8% decrease in the international prices of resins and basic petrochemicals, mainly due to the lower oil prices and by the new resin capacities, especially for polypropylene, that came online in China during the year. Another factor contributing to the decline was the 1% lower sales volume in the domestic market compared to 2015. In Brazilian real, revenue came to R\$47.7 billion, up 2% from last year, due to the Brazilian real depreciation between the periods.

Excluding naphtha/condensate resales from the analysis, net revenue in the year increased by 1% in U.S. dollar and by 6% in Brazilian real.

In U.S. dollar, overseas revenue came to US\$6.6 billion in the year, down 3% from 2015, also influenced by the lower average price of resins and basic petrochemicals in the international market. In Brazilian real,

revenue from overseas markets accounted for 48% of Braskem’s total revenue, or R\$23 billion, of which R\$9.8 billion came from exports.



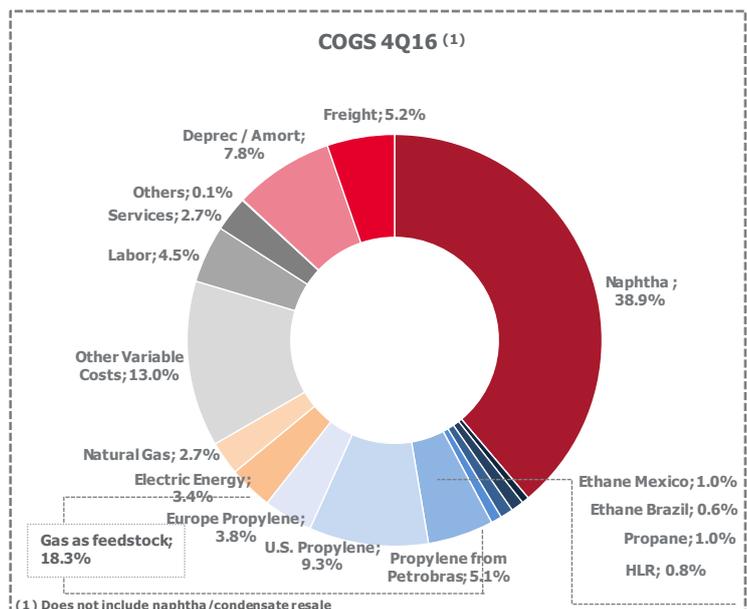
Cost of Goods Sold

Consolidated cost of goods sold (COGS) in 4Q16 amounted to US\$2,710 million (R\$8,926 million).

Excluding the COGS from resales (R\$826 million), consolidated COGS were R\$8,100 million, up 3% from 4Q15 (R\$7,835 million), which is explained by: (i) the startup of the Braskem Idesa complex; (ii) the higher sales volume; and (iii) the increase in feedstock prices, especially naphtha.

In 2016, consolidated cost of goods sold (COGS) amounted to US\$10,099 million or R\$35,052 million in Brazilian real. Excluding the COGS of resales (R\$2,579 million), consolidated COGS were R\$32,473, in line with COGS ex-resale in 2015 (R\$32,343 million), since the negative impacts from: (i) the startup of the Braskem Idesa complex; (ii) the 5% average Brazilian real depreciation between the periods; and (iii) the higher sales volume in the year, which were offset by the lower prices for feedstock, especially naphtha.

The share of naphtha in total COGS was 42.7%, down 1.8 p.p. from 2015, reflecting the lower naphtha price in the international market.



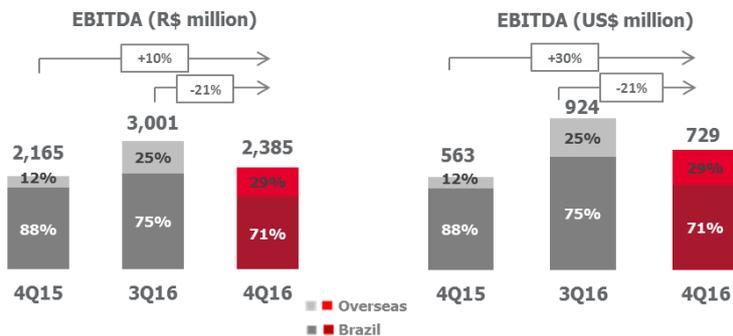
SG&A Expenses

General and administrative expenses in 4Q16 increased 26% compared to 4Q15, due to higher expenses with software maintenance licenses, legal services and advertising during the Paralympic Games.

In 2016, Selling, General and Administrative Expenses amounted to R\$3,032 million, up 16% from 2015, mainly due to: (i) the effects from the Brazilian real depreciation against the U.S. dollar on the expenses of the international businesses; (ii) the advertising expenses associated with the Paralympic Games; (iii) expenses with attorneys and auditors in connection with the internal investigation conducted during the year; (iv) higher expenses with software licensing; and (v) the startup of the Braskem Idesa petrochemical complex. In U.S. dollar, expenses amounted to US\$882 million, up 12% from 2015.

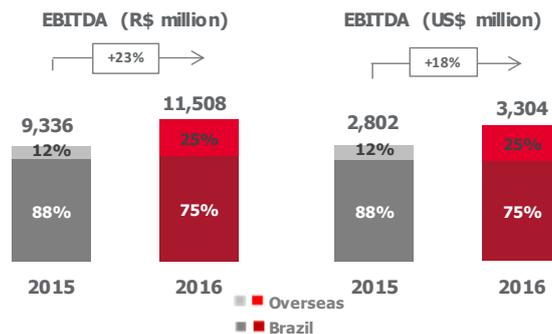
EBITDA

Braskem's consolidated EBITDA¹² in 4Q16 was US\$729 million, up 30% from 4Q15, which is explained by the 6% increase in resin spreads and 17% increase in basic petrochemical spreads in the international market, and by the inauguration and good performance of the Mexico complex. In Brazilian real, EBITDA came to R\$2,385 million.



In 2016, Braskem's consolidated EBITDA amounted to R\$11,508 million, increasing 23% from the previous year. In U.S. dollar, EBITDA advanced 18% to US\$3,304 million.

The improvement compared to 2015 is mainly explained by (i) the good operating performance registered by plants during the year; (ii) the inauguration and ramp-up of the petrochemical complex in Mexico; (iii) higher export volume; (iv) the improvements in PP-propylene spreads and the performance of the operations in the United States and Europe; and (v) the 5% average Brazilian real depreciation.



¹² EBITDA is defined as the net result in the period plus taxes on profit (income tax and social contribution), the financial result and depreciation, amortization and depletion. The Company opts to present adjusted EBITDA, which excludes or adds other items from the statement of operations that help improve the information on its potential gross cash generation.

EBITDA is used by the Company's management as a measure of performance, but does not represent cash flow for the periods presented and should not be considered a substitute for net income or an indicator of liquidity. The Company believes that in addition to serving as a measure of operating performance, EBITDA allows for comparisons with other companies. However, note that EBITDA is not a measure established in accordance with International Financial Reporting Standards (IFRS) and is presented herein in accordance with Instruction 527 issued on October 4, 2012 by the Securities and Exchange Commission of Brazil (CVM).

Net Financial Result ¹³

In 4Q16, the net financial result was an expense of R\$898 million, compared to the expense of R\$646 million in 3Q16. Excluding the effects of exchange variation in the quarter, the net financial result was an expense of R\$497 million, compared to an expense of R\$396 million in the prior quarter, given the negative effect from higher interest rates on tax liabilities.

In 2016, the net financial result was an expense of R\$4,210 million, compared to an expense of R\$1,544 million in 2015, reflecting the start of the recognition of hedge accounting under profit or loss in the amount of R\$1,298 million and the 16.5% Brazilian real appreciation between the end of both periods, which negatively affected the balance of financial investments and accounts receivable in foreign currencies.

Excluding the effects of exchange and monetary variation, the net financial result was an expense of R\$1,827 million, compared to an expense of R\$2,086 million in 2015. This represents a reduction of R\$259 million, which is explained by the lower interest expenses and higher interest income, given the US\$365 million increase in the cash position and the holding of a higher cash position in Brazilian real than in 2015.

The following table shows the composition of Braskem's net financial result, excluding Braskem Idesa:

R\$ million	4Q16	3Q16	4Q15	2016	2015
Financial Expenses	(922)	(926)	(1,006)	(3,957)	(3,676)
Interest Expenses	(370)	(360)	(444)	(1,564)	(1,728)
Monetary Variation (MV)	(96)	(105)	(103)	(410)	(378)
Foreign Exchange Variation (FX)	(109)	(213)	(104)	(911)	(539)
Net Interest on Fiscal Provisions	(139)	(43)	(113)	(228)	(148)
Others	(208)	(206)	(243)	(845)	(885)
Financial Revenue	24	280	165	(253)	2,132
Interest	203	204	144	756	610
Monetary Variation (MV)	(26)	47	41	141	127
Foreign Exchange Variation (FX)	(171)	20	(36)	(1,204)	1,331
Others	17	10	16	54	65
Net Financial Result	(898)	(646)	(841)	(4,210)	(1,544)
R\$ million	4Q16	3Q16	4Q15	2016	2015
Net Financial Result	(898)	(646)	(841)	(4,210)	(1,544)
Foreign Exchange Variation (FX)	(280)	(193)	(140)	(2,115)	792
Monetary Variation (MV)	(122)	(58)	(62)	(269)	(251)
Net Financial Result Excluding FX and MV	(497)	(396)	(639)	(1,827)	(2,086)

▪ Net Income/Loss

Due to the provision of the financial penalty under the Leniency Agreement, the Company recorded a consolidated net loss of R\$2,637 million in 4Q16 and of R\$768 million in the year. The result in the year also was adversely affected by the adopting of hedge accounting in the profit or loss, in the amount of R\$1,358 million. Net loss attributable to controlling shareholders was R\$452 million in the year.

▪ Dividends

In the year, the Board of Directors of the Company approved the distribution of R\$2 billion in dividends, which corresponds to 63% of net income for the previous fiscal year. The payments were made in April and October.

▪ Liquidity and Capital Resources:

On December 31, 2016, the Company's consolidated gross debt (excluding the US\$3.1 billion debt of Braskem Idesa) stood at US\$7,513 million, up 1% from the end of the previous quarter.

The balance of cash and cash equivalents amounted to US\$2,248 million, down US\$145 million from the balance at the end of September 2016. This balance excludes (i) US\$133 million in financial investments given as

¹³ Excludes the financial result of Braskem Idesa SAPI.

4Q16 and 2016 Earnings Release

Earnings Release – Unaudited – 4Q16 and 2016



guarantee to cover Braskem's obligation related to the constitution of a reserve account for the project finance of the subsidiary Braskem Idesa, and (ii) the cash balance at Braskem Idesa of US\$62 million. Accordingly, Braskem consolidated net debt stood at US\$5,265 million at the end of December 2016, or 4% higher than in the previous quarter.

Financial leverage measured by the ratio of net debt to EBITDA in U.S. dollar ended the quarter at 1.67, up 3% from the ratio at the end of the prior quarter. In Brazilian real, this leverage ratio stood at 1.56.

Compared to December 31, 2015, the combination of the US\$145 million decline in net debt in U.S. dollar and the 11% growth in EBITDA in the last 12 months had a positive impact on the leverage ratio, which fell 12% in the year.

Debt R\$ million	Dec-16 (A)		Sep-16 (B)		Dec-15 (C)		Chg. (A)/(B)	Chg. (A)/(C)
Consolidated Debt	34,622		34,551		40,793		0%	-15%
in R\$	5,155	15%	5,334	15%	6,065	15%	-3%	-15%
in US\$	29,467	85%	29,216	85%	34,728	85%	1%	-15%
Project Finance - Mexico	(10,135)		(10,368)		(12,313)		-2%	-18%
in US\$	(10,135)	100%	(10,368)	100%	(12,313)	100%	-2%	-18%
Gross Debt Ex-Project Finance	24,487		24,183		28,480		1%	-14%
in R\$	5,155	21%	5,334	22%	6,065	21%	-3%	-15%
in US\$	19,332	79%	18,848	78%	22,415	79%	3%	-14%
Cash and Cash Equivalents	(7,326)		(7,767)		(7,352)		-6%	0%
in R\$	(3,925)	54%	(5,219)	67%	(2,599)	35%	-25%	51%
in US\$	(3,401)	46%	(2,548)	33%	(4,754)	65%	33%	-28%
Net Debt	17,161		16,415		21,128		5%	-19%
in R\$	1,230	7%	115	1%	3,466	16%	967%	-65%
in US\$	15,931	93%	16,300	99%	17,661	84%	-2%	-10%
EBITDA LTM	11,017		11,218		9,470		-2%	16%
Net Debt / EBITDA	1.56x		1.46x		2.23x		6%	-30%
Dollar - end of the period	3.26		3.25		3.90		0%	-17%
Debt US\$ million	Dec-16 (A)		Sep-16 (B)		Dec-15 (C)		Chg. (A)/(B)	Chg. (A)/(C)
Consolidated Debt	10,623		10,643		10,447		0%	2%
in R\$	1,582	15%	1,643	15%	1,553	15%	-4%	2%
in US\$	9,041	85%	9,000	85%	8,894	85%	0%	2%
Project Finance - Mexico	(3,110)		(3,194)		(3,153)		-3%	-1%
in US\$	(3,110)	100%	(3,194)	100%	(3,153)	100%	-3%	-1%
Gross Debt Ex-Project Finance	7,513		7,450		7,294		1%	3%
in R\$	1,582	21%	1,643	22%	1,553	21%	-4%	2%
in US\$	5,932	79%	5,806	78%	5,740	79%	2%	3%
Cash and Cash Equivalents	(2,248)		(2,393)		(1,883)		-6%	19%
in R\$	(1,204)	54%	(1,608)	67%	(666)	35%	-25%	81%
in US\$	(1,043)	46%	(785)	33%	(1,217)	65%	33%	-14%
Net Debt	5,265		5,057		5,411		4%	-3%
in R\$	377	7%	36	1%	888	16%	962%	-58%
in US\$	4,888	93%	5,021	99%	4,523	84%	-3%	8%
EBITDA LTM	3,153		3,110		2,837		1%	11%
Net Debt / EBITDA	1.67x		1.63x		1.91x		3%	-12%

Note: the table above does not consider the debt related to the Mexico project of US\$3.1 billion because the same was structured in the project finance model and, therefore, must be repayed with the project's cash generation. The Mexico's cash is also not considered

Through a Global Settlement with authorities in Brazil and abroad, the Company undertook to pay approximately US\$957 million, equivalent to approximately R\$3.1 billion. Including the value adjustment for December 31, 2016 present value of this amount in the Company's net debt, the adjusted leverage ratio in U.S. dollar would be 1.95 at year-end.

4Q16 and 2016 Earnings Release

Earnings Release – Unaudited – 4Q16 and 2016

Debt R\$ million	Dec-16 (A)	Sep-16 (B)	Dec-15 (C)	Chg. (A)/(B)	Chg. (A)/(C)
Adjusted Net Debt	20,014	16,415	21,128	22%	-5%
Net Debt	17,161	16,415	21,128	5%	-19%
Leniency Agreement*	3,130	-	-	-	-
Value Adjustment for 12/31/2016	(277)	-	-	-	-
EBITDA LTM	11,017	11,218	9,470	-2%	16%
Adjusted Net Debt / EBITDA	1.82x	1.46x	2.23x	24%	-19%

Debt US\$ million	Dec-16 (A)	Sep-16 (B)	Dec-15 (C)	Chg. (A)/(B)	Chg. (A)/(C)
Adjusted Net Debt	6,141	5,057	5,411	21%	13%
Net Debt	5,265	5,057	5,411	4%	-3%
Leniency Agreement*	957	-	-	-	-
Value Adjustment for 12/31/2016	(82)	-	-	-	-
EBITDA LTM	3,153	3,110	2,837	1%	11%
Adjusted Net Debt / EBITDA	1.95x	1.63x	1.91x	20%	2%

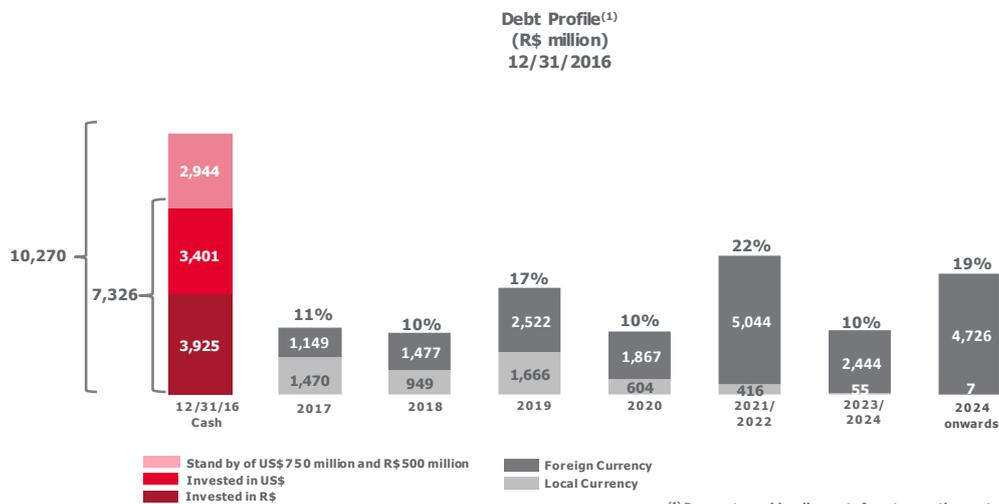
*Face value of the Leniency Agreement

On December 31, 2016, the average debt term was 14.6 years, and considering only dollar-denominated debt, the average debt term was 17.4 years. The average cost of servicing the Company's debt was 6.14% in U.S. dollars and 9.96% in Brazilian reais, compared to 6.13% and 11.58%, respectively, in the prior year.

In line with its strategy to maintain high liquidity and its financial health, the Company also maintains two stand-by credit facilities in the amounts of US\$750 million and R\$500 million, both of which mature in 2019. The Company's stand-by credit facilities were not used in the period.

Braskem's liquidity position of R\$7,326 million is sufficient to cover the payment of all obligations maturing over the next 28 months. Considering the stand-by credit facilities, this coverage is 35 months.

The following chart details on Braskem's debt amortization schedule as of December 31, 2016:



▪ Risk rating agencies:

In 2016, Braskem maintained investment grade ratings at Standard & Poor's (BBB-) and Fitch Ratings (BBB-) and its credit risk is above Brazil's sovereign risk at the three main rating agencies (S&P, Fitch and Moody's).

The highlights in the year were:

- **Fitch Ratings:** In September 2016, Fitch reaffirmed Braskem's rating on the global scale rating of BBB- and upgraded the outlook from negative to stable. The upgrade was supported by Braskem's (i) strong cash generation, (ii) diversified feedstock profile following the startup of the Braskem

Idesa petrochemical complex, (iii) cash position held abroad, and (iv) readily available stand-by credit facilities;

- Standard & Poor's: Despite Brazil's sovereign rating being downgraded by S&P in February, Braskem had its global scale rating reaffirmed at BBB-, with a negative outlook, supported by its solid cash position and the fact that it has overseas operations; and
- Moody's: In February, Moody's downgraded Brazil's sovereign rating and reaffirmed the negative outlook. According to the agency's scale, the rating was downgraded by two notches to Ba2. Accordingly, following the downgrading of the sovereign rating, Moody's downgraded Braskem's rating by one notch to Ba1.

▪ Investments¹⁴:

In 2016, Braskem made investments in the aggregate amount of R\$2,975 million. The R\$687 million decrease compared to the initial projection of R\$3,661 million is explained mainly by the effect from the translation to Brazilian real of the investments made in U.S. dollar, and by the optimization of the investment portfolio, which led to the postponement/cancelation of certain operating and strategic projects.

Excluding Braskem's contributions to the Mexico project from the analysis, total investment came to R\$1,780 million, down 31% from the initial estimate of R\$2,334 million. Of this amount, R\$1,439 million, or approximately 81% of the total, was allocated to industrial operations (R\$107 million of which in the United States and Europe, equivalent to US\$33 million), including the investments related to operating efficiency, HES, productivity and maintenance. The other R\$341 million (of which R\$244 million in the United States and Europe, equivalent to US\$72 million) were allocated to strategic projects, such as: (i) investment to produce UTEC[®] resin in La Porte, USA; (ii) investment to diversify the feedstock profile of the cracker in Bahia; and (iii) investments to capture productivity gains at the PP plants in the United States and Germany.

Investments					
Million	4Q16		2016		2016e
Operational (R\$)	611	81%	1,439	48%	1,797 49%
Brazil (R\$)	517		1,332		1,595
United States and Europe (US\$)	17		33		48
Mexico (R\$)	-	0%	1,195	40%	1,327 36%
Mexico (US\$)	-		330		329
Strategic Projects (R\$)	146	19%	341	11%	537 15%
Brazil (R\$)	57		96		255
United States and Europe (US\$)	27		72		69
Total (R\$)	757	100%	2,975	100%	3,661 100%
Brazil (R\$)	573		1,428		1,850
Mexico, United States and Europe (US\$)	44		434		447

Investments in 2017

Braskem plans to invest around R\$1,814 million this year, with R\$179 million pegged to the U.S. dollar (US\$51 million) related to operating investments at the units of the United States, Europe and Mexico.

Of this amount, R\$1,544 million will be allocated to maintenance, productivity, HES and operational efficiency, including disbursements with the scheduled maintenance shutdown of the cracker in Duque de Caxias, Rio de Janeiro, scheduled for 3Q17. The remainder will be allocated to other strategic projects, such as the feedstock diversification project at the cracker in Bahia (R\$236 million).

¹⁴ Includes the operating investments, maintenance shutdowns and spare parts of Braskem and its subsidiaries and the equity contributions to the Mexico project.

Investments		
Million	2017e	
Operational (R\$)	1,544	85%
Brazil (R\$)	1,384	
United States and Europe (US\$)	31	
Mexico (US\$)*	15	
Strategic Projects (R\$)	270	15%
Brazil (R\$)	251	
United States and Europe (US\$)	5	
Total (R\$)	1,814	100%
Brazil (R\$)	1,635	
Mexico, United States and Europe (US\$)	36	

* Refers to Braskem Idesa's maintenance CAPEX

► VALUE DRIVERS:

UTE[®]

Braskem's new line to produce ultra-high molecular weight polyethylene (UHMWPE), known commercially as UTE[®], started operations in January 2017.

Located in La Porte, Texas, the plant will complement the production capacity of the existing UTEC line in Brazil at the petrochemical complex in Camaçari. Using 100%-Brazilian technology, UTEC[®] resin has a vast array of applications in industries such as automotive and transportation, electronics, fibers and textiles, industrial and heavy equipment, material handling, oil and gas, pipe and mining, porous plastics, recreation and consumer goods.

Production at the UTEC[®] plant in La Porte will serve mainly the U.S. market, although, in the future, the Company hopes to export the resin to destinations in Europe, India and China.

With investment of approximately US\$40 million, the plant's startup strengthens Braskem's position as one of the world's leading producers of UHMWPE.

Debottlenecking of the Marcus Hook Unit in USA

In line with the strategy to expand into international markets and meet the needs of its Clients, in 2016, Braskem invested around US\$21 million to debottleneck the PP plant in Marcus Hook, Pennsylvania, which increased its annual nominal capacity by 64 kton. The scope of the project included improvements to the propylene purifier and to the plant's resin production areas.

Furthermore, in the last two years, approximately US\$3 million was invested in projects to increase reliability, such as the pellet transfer system, the upgrading of tubing and other improvements to control processes that enabled the capture of productivity gains at the Company's plants in Texas, resulting in an expansion in production capacity of 42 kton/year.

Considering all the initiatives and efforts to capture favorable spreads in North America, Braskem's annual polypropylene capacity increased by 105 kton, from 1,465 million tons in 2016 to 1,570 million tons in early 2017.

Project to diversify the feedstock profile in Bahia

With investment of R\$380 million, the project will enable the cracker in Bahia to use ethane for up to 15% of its ethylene production. The investment also includes the retrofitting of the plant and adaptation of the port infrastructure, and is scheduled to start operating in the second half of 2017.

To supply the feedstock, the Company signed an agreement with an affiliate of Enterprise Products for the purchase of ethane imported from the United States. The agreement has a term of 10 years and prices based on the Mont Belvieu international price reference.

The project is advancing, with the highlight this year the conclusion of the basic engineering, with the engineering detailing and management of procurement of critical items continuing to advance on schedule. This year, Braskem invested R\$82 million in the project. The Company already has invested a total of R\$120 million since the beginning of the project.

Sustainable Development

Braskem continues to focus on strengthening its contribution to sustainable development, mitigating risks and seeking shared value creation. Its efforts in this area are structured along three main fronts: (i) Increasingly sustainable resources and operations; (ii) Increasingly sustainable products; and (iii) Solutions for a more sustainable life. The highlights in 4Q16 include:

- WECYCLE platform: launch of first polypropylene resins made from recycled big bags and of the first polyethylene resins made from the sacks used at Braskem's distribution centers that previously were discarded. The combined production volumes of the two resins could potentially reach 50 tons per month
- Climate Change: Braskem was elected Brazil's best company in carbon management, and with excellence, according to the Carbon Disclosure Project (CDP). This is the first time that a Brazilian producer has been included in the coveted Climate A List. (Clients, market and opinion makers)
- Global Compact: Braskem, working together with the water utility SANASA, is spearheading implementation of the "Lower Losses, More Water Movement" in Brazil, which is aligned with Sustainable Development Goal 6 of the United Nations. Note the program was recognized by the Center for Sustainability Studies (GVces) for its entrepreneurial initiatives, with its case selected as one of ten best in water management in Brazil

► REPORTS OF IRREGULARITIES AND GLOBAL SETTLEMENT WITH AUTHORITIES

Allegations, internal investigation

Braskem and its subsidiaries are subject to a number of anti-corruption laws in the countries where they operate, including Federal Law 12,846/2013, or the Brazilian Anticorruption Law, which came into force on January 28, 2014, and the U.S. Foreign Corrupt Practices Act (FCPA).

In March 2015, in connection with the so-called Operation Car Wash, certain allegations made by defendants in judicial proceedings were made public, according to which Braskem was allegedly involved in illegal payments in exchange for benefits in feedstock supply agreements entered into with Petrobras.

In light of said facts, the Company immediately approved the engagement of law firms with extensive and proven experience in similar cases in the United States and Brazil ("Expert Firms") to conduct an independent internal investigation into the allegations cited above ("Investigation"), under the supervision of and in collaboration with the U.S. Department of Justice (DoJ) and of the U.S. Securities and Exchange Commission (SEC). Until mid-July 2016, the Investigation was unable to find evidence confirming any wrongdoings by the Company.

New reports and undue payments

In late July 2016, the Company received new information concerning wrongdoings that came to light during the collaboration of former executives of Braskem in connection with the cooperation by Odebrecht with Operation Car Wash.

Based on such information, the Investigation confirmed the existence of payments made between 2006 and 2014 for services to third parties without any proof of the service being effectively rendered. These undue payments were made to three offshore companies and allegedly were related to the rendering of commercial intermediation services. These companies simply transferred the funds to a series of other companies, which ultimately made illegal payments on behalf of Braskem. The payments made by Braskem to these three companies from October 2006 to December 2014 amount to approximately R\$513 million.

As made public under the agreements with DoJ and SEC, the illegal payments included, among others, related to matters involving the naphtha supply agreement entered into with Petrobras in 2009 and terminated in 2014, and to amendments of federal and state tax law to obtain tax incentives and monetize tax credits to which the Company already was entitled, among others.

Payment of taxes

The identification of these payments without the rendering of the corresponding service led to the recognition, in October 2016, of taxes payable to the federal government and to an adjustment to the account Deferred Income Tax and Social Contribution. The determination, in 2016, of these taxes due in prior fiscal years was recognized as a correction of material error, in accordance with accounting standard CPC 23, which led to its recognition retroactively in the 2015 and previous financial statements. The calculated taxes that impacted the statement of operations for 2016 and previous fiscal years, including charges for late payment, amounted to R\$254,373. An additional amount of R\$13,704 was determined as an advance payment of income tax and social contribution, which was recognized under the Company's assets. These amounts were paid during the fourth quarter of 2016. The adjustment of the item Deferred Income Tax and Social Contribution, which impacted the statement of operations, amounted to R\$30,268.

Global Settlement with authorities

With the confirmation of wrongdoings, on October 3, 2016, Braskem started discussions with DoJ and SEC to formalize an agreement to resolve any identified wrongdoing and seek a simultaneous agreement with Brazilian authorities, as disclosed to the market by means of a Material Fact, and later with Swiss authorities. This negotiation was delegated by the Board of Directors to the Board of Executive Officers of the Company.

As a result of these negotiations, on December 14, 2016, the Company entered into a Leniency Agreement ("Agreement") with the Federal Prosecution Office of Brazil ("MPF"). Additionally, on December 21, 2016, the Company finalized formal agreements with the DoJ and SEC, and an agreement to conclude investigations with the Office of the Attorney General of Switzerland (in conjunction with the Agreement with MPF, "Global Settlement"). The Global Agreement encompasses all of the facts determined until the date of its execution involving Braskem in connection with Operation Car Wash.

Under the Global Settlement, Braskem will pay the abovementioned authorities in Brazil and overseas a total of approximately US\$957 million, equivalent to approximately R\$3.1 billion. Of this total, approximately R\$1.6 billion will be paid at sight, after the ratification by respective authorities, of which approximately US\$95 million will be paid to DoJ, US\$65 million to SEC, CHF 95 million to the Office of the Attorney General of Switzerland and R\$736 million to MPF. The balance of R\$1.5 billion will be paid to MPF in 6 annual installments adjusted for inflation by the variation of the IPCA inflation index. Adjustment to present value was calculated over this amount. The amounts under the Settlement were booked in December 2016.

The Agreement was ratified by the 5th Coordination and Review Chamber of the Federal Prosecution Office on December 15, with ratification by the Judge of the 13th Federal Court of Curitiba still pending. The agreement with DoJ was ratified by U.S. courts on January 26, 2017, with only confirmation of the agreement by SEC still pending. The agreement with Swiss authorities was finalized on December 21, 2016.

To guarantee payment of the installments coming due, Braskem will give as collateral assets from its property, plant and equipment corresponding to one annual installment.

Monitorship

Furthermore, Braskem will be subjected, for an expected period of three years, to two monitors appointed by U.S. and Brazilian authorities, who will work in coordination with the main objective of attesting to the Company's compliance with all commitments undertaken under the Global Settlement. The monitorship is expected to begin in the first quarter of 2017.

The commitments undertaken with the authorities that are party to the Global Settlement seek to improve the Company's control and accounting system to ensure the production of reliable financial information and to

prevent any wrongdoings in violation of anti-corruption laws of countries in which the Company operates, now or in the future. Some of the actions required to achieve these goals include:

- (i) Management's commitment to and support for policies to prevent incidents of corruption;
- (ii) Strengthening policies and procedures to prevent corruption;
- (iii) Conducting regular reviews of policies and procedures to ensure they are up-to-date and effective;
- (iv) Providing team members, including managers, with regular training on anti-corruption policies and practices, and maintaining a system that makes these tools available to team members and to any third parties that interact with Braskem;
- (v) Maintaining instruments and resources for investigating reports of corruption within the Company;
- (vi) Extending anti-corruption practices to entities that conduct business with Braskem and implementing procedures with this purpose in cases of business acquisitions.

Reimbursement

A significant portion of the total amount of R\$2.2 billion to be paid to MPF will be made available for use in reimbursing third parties for any damages caused by the wrongdoings.

Under the Settlement, MPF undertook to coordinate actions with other authorities or public entities with which Braskem comes to transact for entering into agreements involving the facts uncovered in connection with the Agreement, the public prosecution offices of States and Cities in Brazil, state-owned companies and state-controlled companies for entering into similar agreements with such entities, including for the purpose of preventing duplicate restitution with regard to the amount paid under the Agreement.

The Agreement does not prevent any third party from opening proceedings to seek reimbursement for any damages caused by Braskem, which could result in payments other than those provided for in the Agreement. Therefore, the Company cannot guarantee that the total amount available for reimbursement will be sufficient to fully reimburse any third parties affected by the wrongdoings, which means that the Company may be subject to the payment of damages or financial penalties other than those provided for in the Global Settlement.

Control deficiencies

After the investigation and confirmation of wrongdoings, the Company identified material control deficiencies, including: (i) instructions given by certain former senior executives ("Tone at the top") for the creation of parallel procedures overriding existing controls and for enabling the existence of payments of commissions without the rendering of the corresponding service, in contravention of the Company's principles of ethics, integrity and transparency; (ii) failure to maintain anti-corruption controls and deficiencies in the programs for preventing and detecting violations of the applicable anti-corruption regulations; and (iii) faults in the controls for payments of commissions and for monitoring the respective accounting entries.

Compliance:

In 2016, Braskem launched a comprehensive Compliance Program to strengthen its governance, aiming to significantly reduce the likelihood of similar events of non-compliance from reoccurring. It contains actions that will be carried out in 2017 as well.

These actions include:

- (i) Creating, in May 2016, a Compliance Committee formed by independent members of the Board of Directors and reporting directly to the Board of Directors.
- (ii) Hiring, in August 2016, a Chief Compliance Officer (CCO) with proven experience, who reports to the Compliance Committee, to head the Compliance department.
- (iii) Expanding the number of Team Members specializing in Compliance to work in the Internal Controls, Risk Management, Compliance and Internal Audit departments, while also increasing the resources available, based on best practices in compliance.

- (iv) Creating the Internal Audit department, which is responsible for analyzing processes independently and objectively, for verifying compliance with policies and procedures, and for assessing the effectiveness of controls.
- (v) Approval by the Board of Directors of a Compliance Policy focused on acting with ethics, integrity and transparency, and which includes anti-corruption policies and policies on related-party transactions.
- (vi) Incorporating anti-corruption clauses in service agreements with third parties.
- (vii) Implementing a comprehensive training program, which includes senior managers (decision-makers) and key departments (e.g., Legal and Compliance), focused on best compliance practices and the need to strengthen the control environment.
- (viii) Implementing a training program for all team members of the Company, to be concluded during 2017.
- (ix) Producing communications on compliance from leaders for distribution to the entire Company.
- (x) Administering training and producing training materials, in 2017, on the Corporate Affairs Guide, to regulate interaction with politicians and executives at state-owned companies.
- (xi) Improving the process for registering suppliers by implementing controls in the payment process and incorporating compliance clauses in service agreements with third parties.
- (xii) Implementing and assessing improvements in the internal controls related to processes that have presented vulnerabilities in the past, such as the publication of new manuals and the monitoring and accounting of commission payments, to ensure that preventive and detective controls are in place to mitigate risks.

Other considerations

With the exception of the aforementioned amounts under the Global Settlement and of the other non-monetary obligations imposed on the Company under said settlement, the Company cannot predict or measure at this time the extent of the financial and non-financial impacts, if any, that the confirmation of the allegations, any actions by other authorities, potential parallel investigations or the execution of the Global Settlement could bring for the Company, as well as the resources required to remedy such events.

The Global Settlement may have a material adverse effect on our business, reputation, financial situation and operational results, as well as on the liquidity and price of the securities of Braskem. Furthermore, the negative publicity resulting from the Global Settlement, the facts made public through our agreement entered into with the DoJ, and the facts that will be made public when the Agreement is disclosed, could have a material adverse impact on our businesses, including reducing the demand for our products and other effects that currently cannot be estimated or measured. As a result of the Global Settlement, the Company may be barred from entering into certain agreements with government authorities and may be subject to increased operating costs in connection with its obligations to improve its governance and anti-corruption practices, including the cost of required external monitorship for an estimated period of three years.

It is not possible to predict the impacts on Braskem of others investigations or any decision or action taken by authorities involving its largest shareholders, namely Odebrecht S.A. and Petróleo Brasileiro S.A. – Petrobras, or any of their subsidiaries.

► CLASS ACTIONS

A class action has been filed with the U.S. courts by the Boilermaker-Blacksmith National Pension Trust, as Lead Plaintiff, alleging that the Company has made misrepresentations and/or omissions in certain filings at the SEC that allegedly concealed the existence of improper payments. The Company engaged an expert U.S. law firm to represent it and filed its initial defense (motion to dismiss) on July 6, 2016, which, after manifestation by the plaintiffs, is awaiting the judge's decision.

The Company cannot predict the outcome of this process. The Company may be cited as defendant in other lawsuits. Furthermore, the Company may be required, to the extent permitted by law, to indemnify directors, officers and employees who are defendants in lawsuits such as these. Such lawsuit has demanded significant time and dedication from the Management of the Company. Moreover, the Company may also incur financial obligations that could have a material adverse effect on its businesses, reputation, financial situation and results of its operations, as well as on the liquidity and trading price of its securities.

► **SUBSEQUENT EVENTS**

Authorization for asset acquisition

On January 27, 2017, the Board of Directors of the Company authorized the execution of a purchase agreement with Odebrecht Utilities S.A., through which Braskem undertook to purchase all shares held by the seller in Cetrel S.A., which represent 63.7% of its voting capital, for the aggregate amount of R\$610 million, to be paid upon the consummation of the transaction.

Cetrel is an environmental services company that launched its operations in 1978, together with the companies that set up operations in the Camaçari Petrochemical Complex. With over 100 clients, or around 70% of the Camaçari Complex, Cetrel is responsible for treating and disposing of industrial wastewater and solid waste, environmental monitoring and supplying water for industrial use to Braskem's plants in Camaçari.

Cetrel will play an important role in managing the environmental processes of the Camaçari Petrochemical Complex, and its acquisition will ensure the security and reliability of the complex's industrial operations, in line with Braskem's strategy to strengthen its petrochemical activities

The consummation of the acquisition is subject to a vote by the Shareholders' Meeting of Braskem, in accordance with Article 256 of Brazilian Corporation Law, and to the conditions precedent typical to transactions of this nature.

Asset Divestment

On January 10, 2017, Braskem executed a sales agreement with GTM do Brasil Comércio de Produtos Químicos Ltda., a subsidiary of GTM Holdings S.A. ("GTM"), through which it undertook to sell 100% of the shares in the capital of quantiQ Distribuidora Ltda. ("quantiQ"). The transaction is worth R\$550 million, of which R\$450 million will be paid upon consummation of the sale and the remainder within 12 months, subject to the adjustments typical to transactions of this kind.

EXHIBITS LIST:

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DISCLAIMER

This release contains forward-looking statements. These forward-looking statements are not solely historical data, but rather reflect the targets and expectations of Braskem's management. Words such as "anticipate," "wish," "expect," "foresee," "intend," "plan," "predict," "project," "aim" and similar terms seek to identify statements that necessarily involve known and unknown risks. Braskem does not undertake any liability for transactions or investment decisions based on the information contained in this document.

RESTATEMENT

The consolidated financial statements for 2015 were restated retrospectively, due to:

- (i) Restatement arising from the recording of taxes from other periods
With the identification and reclassification of payments without evidence of provision of the corresponding service, the Management of Braskem determined the payment of all taxes due and the revision of deferred income tax and social contribution. These payments, when made, were taxed at a zero rate of withholding of income tax and considered deductible for the purposes of income tax and social contribution on profit. Since they were subsequently considered payments without provision of the corresponding service, these payments became non-deductible and subject to the withholding of income tax at the rate of 35%.
The consolidated financial statements for 2015 have been retrospectively restated to reflect the taxes of previous fiscal years calculated in 2016.
- (ii) Other immaterial adjustments
In view of the restatement of these financial statements, the Management of Braskem decided to recognize other adjustments that were assessed in prior years as having no material impact, which will be detailed in the financial statements to be filed with the audit report.

EXHIBIT I Consolidated Statement of Operations (R\$ million)

Income Statement (R\$ million) CONSOLIDATED	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Gross Revenue	13,908	14,008	13,746	-1%	1%	55,414	53,370	4%
Net Revenue	11,919	11,981	12,022	-1%	-1%	47,700	46,724	2%
Cost of Good Sold	(8,926)	(8,789)	(9,339)	2%	-4%	(35,052)	(36,567)	-4%
Gross Profit	2,993	3,192	2,683	-6%	12%	12,648	10,158	25%
Selling Expenses	(393)	(365)	(297)	8%	32%	(1,410)	(1,083)	30%
General and Administrative Expenses	(447)	(409)	(455)	9%	-2%	(1,622)	(1,450)	12%
Other Net Operating Income (expenses)	(3,415)	(131)	(582)	2501%	487%	(3,726)	(731)	410%
Investment in Subsidiary and Associated Companies	7	10	1	-30%	1232%	30	2	1255%
Operating Profit Before Financial Result	(1,255)	2,297	1,349	-155%	-193%	5,919	6,895	-14%
Net Financial Result	(1,565)	(1,143)	(1,113)	37%	41%	(6,087)	(2,475)	146%
Profit Before Tax and Social Contribution	(2,820)	1,154	236	-344%	-1296%	(167)	4,420	-104%
Income Tax / Social Contribution	179	(341)	(213)	-153%	-184%	(628)	(1,660)	-62%
Discontinued operations result	4	5	12	-30%	-70%	27	6	321%
Net Profit	(2,637)	818	35	-422%	-7700%	(768)	2,766	-128%
Attributable to								
Company's shareholders	(2,552)	889	96	-387%	-2763%	(452)	3,008	-115%
Non-controlling interest in Braskem Idesa	(85)	(71)	(61)	19%	39%	(316)	(242)	31%

EXHIBIT II Calculation of Consolidated EBITDA (R\$ million)

EBITDA Statement CONSOLIDATED	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (A)	2015 (B)	Change (A)/(B)
Net Profit	(2,637)	818	35	-422%	-7700%	(768)	2,766	-128%
Income Tax / Social Contribution	(179)	341	213	-153%	-184%	628	1,660	-62%
Financial Result	1,565	1,143	1,113	37%	41%	6,087	2,475	146%
Depreciation, amortization and depletion	727	710	546	2%	33%	2,689	2,116	27%
Cost	631	633	469	0%	35%	2,384	1,912	25%
Expenses	95	77	77	24%	23%	306	204	50%
Basic EBITDA	(525)	3,011	261	-117%	-301%	8,635	273	3069%
Provisions for the impairment of long-lived assets (i)	(1)	(4)	261	-86%	-100%	(23)	273	-108%
Adjustments in discontinued operations result (ii)	4	4	(2)	-6%	-285%	11	48	-77%
Results from equity investments (iii)	(7)	(10)	(1)	-30%	1232%	(30)	(2)	1255%
Others (iv)	2,914	-	-	0%	0%	2,914	-	0%
Adjusted EBITDA	2,385	3,001	2,165	-21%	10%	11,508	9,336	23%
EBITDA Margin	20.0%	25.0%	18.0%	-5 p.p.	2 p.p.	24.1%	20.0%	4 p.p.

- (i) Represents the accrual and reversal of provisions for the impairment of long-lived assets (investments, property, plant and equipment and intangible assets) that were adjusted to form EBITDA, since there is no expectation of their financial realization and if in fact realized they would be duly recorded on the statement of operations.
- (ii) Corresponds to the results of quantiQ and IQAG
- (iii) Corresponds to results from equity investments in associated companies and joint ventures.
- (iv) Adjustments made because they do not impact operating cash generation as per the Company's understanding. The main impact is related to the provision for the Leniency Agreement.

EXHIBIT III Consolidated Balance Sheet (R\$ million)

ASSETS	Dec-16 (A)	Dec-15 (B)	Change (A)/(B)
Current	15,673	17,481	-10%
Cash and Cash Equivalents	7,451	7,457	0%
Marketable Securities/Held for Trading	435	1	36997%
Accounts Receivable	1,508	2,598	-42%
Inventories	5,167	5,607	-8%
Recoverable Taxes	826	1,312	-37%
Prepaid Expenses	102	166	-39%
Other Receivables	186	339	-45%
Assets held for sale	360	0	n.a.
Non Current	35,620	42,497	-16%
Marketable Securities/ Held-to-Maturity	0	46	-100%
Compulsory Deposits and Escrow Accounts	233	277	-16%
Deferred Income Tax and Social Contribution	1,654	3,203	-48%
Taxes Recoverable	1,088	1,318	-17%
Insurance claims	51	63	-20%
Investments	92	86	7%
Property, Plant and Equipment	29,337	34,112	-14%
Intangible Assets	2,809	2,888	-3%
Others	356	504	-29%
Total Assets	51,653	59,977	-14%
LIABILITIES AND SHAREHOLDERS' EQUITY	Dec-16 (A)	Dec-15 (B)	Change (A)/(B)
Current	13,571	16,976	-20%
Suppliers	6,435	11,713	-45%
Financing	2,594	1,970	32%
<i>Braskem Idesa Financing</i>	946	302	213%
Derivatives	29	58	-50%
Salary and Payroll Charges	541	610	-11%
Dividends and Interest on Equity		754	-100%
Taxes Payable	611	997	-39%
Advances from Customers	185	120	54%
Leniency Agreement	1,560		n.a.
Sundry Provisions	113	94	20%
Post-employment Benefit	0	0	n.a.
Other Payable	462	359	29%
Non Current Liabilities Held for Sale	95	0	n.a.
Non Current	36,370	42,038	-13%
Suppliers	202	57	253%
Financing	20,737	25,381	-18%
<i>Braskem Idesa Financing</i>	9,492	11,975	-21%
Derivatives	861	1,120	-23%
Deferred Income Tax and Social Contribution	532	773	-31%
Taxes Payable	24	27	-10%
Sundry Provisions	206	99	107%
Advances from Customers	163	31	424%
Leniency Agreement	1,293		n.a.
Post-employment Benefit	162	170	-5%
Contingencies	985	554	78%
Intercompany Loan	1,621	1,539	5%
Others	93	312	-70%
Shareholders' Equity	1,712	962	78%
Capital	8,043	8,043	0%
Capital Reserve	232	232	0%
Profit Reserves	809	2,882	-72%
Treasury Shares	(50)	(50)	0%
Other Comprehensive Income*	(6,306)	(9,058)	-30%
Retained Earnings	-	(402)	-100%
Company's Shareholders	2,728	1,647	66%
Non Controlling Interest on Braskem Idesa	(1,017)	(685)	48%
Total Liabilities and Shareholders' Equity	51,653	59,977	-14%

* Includes exchange variation of financial liabilities designated for hedge accounting.

EXHIBIT IV Consolidated Cash Flow (R\$ million)

Cash Flow	4Q16	3Q16	4Q15	2016	2015
Profit Before Income Tax and Social Contribution	(2,814)	1,161	245	(127)	4,437
Adjust for Net Income Restatement					
Depreciation, Amortization and Depletion	728	711	547	2,695	2,122
Equity Result	(7)	(10)	(1)	(30)	(2)
Interest, Monetary and Exchange Variation, Net	1,074	1,090	416	3,142	3,228
Cost on divestment in subsidiary	-	-	-	-	-
Provision for losses - fixed assets	24	4	120	41	131
Provision for Leniency Agreement	2,853	-	-	2,853	-
Cash Generation before Working Capital	1,859	2,956	1,328	8,574	9,915
Operating Working Capital Variation					
Market Securities	1	1	105	(407)	119
Account Receivable	504	(96)	715	977	(185)
Recoverable Taxes	65	306	299	1,058	842
Inventories	(235)	192	(315)	486	0
Advanced Expenses	38	18	(101)	64	(67)
Other Account Receivables	386	(42)	15	319	(10)
Suppliers	(704)	(649)	517	(3,704)	(2,179)
Advances from Customers	(57)	303	(25)	198	(37)
Taxes Payable	(446)	164	(197)	(292)	220
Other Account Payables	(41)	161	409	(59)	734
Other Provisions	441	112	211	558	154
Operating Cash Flow	1,810	3,427	2,960	7,773	9,505
Interest Paid	(445)	(408)	(410)	(1,539)	(1,086)
Income Tax and Social Contribution	(306)	(179)	(143)	(1,153)	(232)
Net Cash provided by operating activities	1,060	2,841	2,407	5,081	8,187
Proceeds from the sale of fixed assets	0	0	0	1	1
Additions to Fixed Assets	(837)	(533)	(1,167)	(2,839)	(4,104)
Additions to Intangible Assets	(15)	(5)	(8)	(36)	(20)
Effect of incorporation of associates cash	-	-	-	-	-
Financial Assets Held to Maturity	-	-	2	38	2
Others	-	(5)	-	(5)	-
Cash used in Investing Activities	(852)	(542)	(1,172)	(2,841)	(4,120)
Obtained Borrowings	1,286	1,235	1,071	4,612	6,983
Payment of Borrowings	(1,245)	(2,033)	(1,240)	(5,371)	(6,598)
Repurchase of Shares	-	-	-	-	(1)
Dividends	(999)	(0)	(0)	(1,998)	(482)
Cash used in Financing Activities	(959)	(797)	(169)	(2,757)	(97)
Exchange Variation on Cash of Foreign Subsidiaries and Jointly Controlled Companies	60	(42)	41	587	(508)
Increase in Cash and Cash Equivalents	(691)	1,460	1,107	70	3,461
Represented by					
Cash and Cash Equivalents at The Beginning of The Period	8,217	6,758	6,350	7,457	3,996
Cash and Cash Equivalents at The End of The Period	7,527	8,217	7,457	7,527	7,457
Increase in Cash and Cash Equivalents	(691)	1,460	1,107	70	3,461

EXHIBIT V
Braskem Idesa Statement of Operations
(R\$ million)

Income Statement (R\$ million) BRASKEM IDESA SAPI (i)	4Q16 (A)	3Q16 (B)	4Q15 (C)	Change (A)/(B)	Change (A)/(C)	2016 (D)	2015 (E)	Change (D)/(E)
Net Revenue	679	498	147	36%	363%	1,495	472	217%
Cost of Good Sold	(410)	(300)	(152)	37%	170%	(970)	(487)	99%
Gross Profit	268	198	(5)	36%	-5092%	525	(15)	n.a.
Selling Expenses	(33)	(39)	(13)	-16%	162%	(117)	(38)	-263%
General and Administrative Expenses	(29)	5	(13)	-649%	118%	(112)	(43)	162%
Other Net Operating Income (expenses)	(34)	(88)	(0)	-61%	10589%	(137)	(4)	3619%
Investment in Subsidiary and Associated Companies	-	-	-	n.a.	n.a.	-	1	-100%
Operating Profit Before Financial Result	172	75	(31)	129%	-647%	160	(98)	n.a.
Net Financial Result	(636)	(435)	(117)	46%	445%	(1,780)	(355)	402%
Profit Before Tax and Social Contribution	(463)	(360)	(148)	29%	213%	(1,621)	(453)	258%
Income Tax / Social Contribution	144	124	49	n.a.	n.a.	421	63	n.a.
Net Profit	(320)	(236)	(99)	36%	222%	(1,199)	(390)	208%

(i) Results prior to 2Q16 refer to the pre-operational phase of this company.

EXHIBIT VI
Braskem Idesa Balance Sheet
(R\$ million)

ASSETS	dez-16 (A)	dez-15 (B)	Change (A)/(B)
Current	958	677	41%
Cash and Cash Equivalents	202	135	50%
Accounts Receivable	247	121	105%
Inventories	375	173	117%
Recoverable Taxes	115	219	-47%
Other Receivables	18	29	-37%
Non Current	12,804	16,073	-20%
Deferred Income Tax and Social Contribution	1,462	825	77%
Taxes Recoverable	0	0	-29%
Property, Plant and Equipment	11,171	15,135	-26%
Intangible Assets	141	81	75%
Others	30	32	-7%
Total Assets	13,762	16,750	-18%
LIA BILITIES AND SHAREHOLDERS' EQUITY	dez-16 (A)	dez-15 (B)	Change (A)/(B)
Current	1,370	839	63%
Suppliers	279	429	-35%
Project Finance	946	302	213%
Salary and Payroll Charges	16	22	-27%
Taxes Payable	13	35	-63%
Other Receivables	116	50	133%
Non Current	15,818	17,893	-12%
Project Finance	9,492	11,975	-21%
Intercompany Loan	1,621	1,539	5%
Accounts Payable to Related Parties	4,699	4,372	7%
Others	7	7	-4%
Shareholders' Equity	(3,426)	(1,982)	73%
Total Liabilities and Shareholders' Equity	13,762	16,750	-18%

EXHIBIT VII Production Volume

PRODUCTION CONSOLIDATED								
tons	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16
Polyolefins								
PE's	654,264	684,594	686,812	623,150	629,737	699,663	711,879	667,187
PP	347,108	412,277	366,656	384,322	408,228	387,043	403,527	393,676
Total	1,001,372	1,096,871	1,053,467	1,007,472	1,037,965	1,086,706	1,115,407	1,060,862
Vinyls								
PVC	132,354	130,028	133,080	146,836	125,906	148,604	156,655	162,873
Caustic Soda	102,814	103,697	115,303	114,372	105,727	102,071	119,827	113,282
Chlorine	11,665	10,962	11,804	11,804	12,160	11,625	11,804	12,574
Total	246,832	244,686	260,187	273,012	243,793	262,300	288,286	288,730
Basic Petrochemicals								
Ethylene	826,657	872,465	871,006	786,949	831,422	880,739	903,308	844,392
Propylene	346,739	359,202	354,720	329,135	341,327	367,036	361,837	330,266
High Purity Propane	974	927	768	835	1,021	692	878	744
Butadiene	92,137	105,898	101,279	89,959	100,802	106,708	109,156	95,021
Paraxylene	39,561	48,461	50,828	41,136	51,230	50,420	48,516	46,027
Benzene	169,339	166,077	174,966	156,593	165,845	170,399	187,020	166,644
Toluene	35,912	36,958	35,328	26,411	32,666	27,916	32,449	21,357
Orthoxylene	16,800	14,272	10,862	7,774	13,987	12,329	15,084	14,018
Isoprene	4,836	4,634	5,005	5,122	3,912	3,309	5,433	2,889
Butene 1	14,531	16,241	19,318	16,364	11,746	16,879	19,039	19,039
Dicyclopentadien	5,993	6,157	6,743	4,526	4,702	3,544	7,872	7,872
Hydrogen	1,231	1,273	1,659	1,159	1,015	1,490	1,791	1,372
ETBE/ MTBE	77,192	75,837	77,765	75,740	74,978	91,146	82,927	66,650
Aromatic Chain (RAP)	29,906	35,912	36,274	26,827	30,898	35,864	32,183	34,122
Piperylene	5,898	5,917	6,409	5,742	5,111	4,614	7,400	3,675
Gasoil	34,727	16,509	11,193	17,158	16,239	9,782	1,633	23,739
C4 Heavies	10,325	9,293	9,043	6,865	7,084	9,909	7,820	6,223
BTE Fuel Oil	20,281	27,019	26,963	25,480	21,819	21,206	17,647	14,934
Unilene	3,522	3,186	3,983	942	1,708	3,600	3,365	3,243
PIB	6,542	4,768	5,600	2,958	4,889	4,043	5,692	6,605
Mixed Xylenes	16,363	14,249	15,497	16,857	16,472	13,601	16,239	11,867
AB9 Solvent	10,659	9,821	7,989	5,483	6,663	3,284	12,257	9,438
Coperaf1	16,359	9,624	6,172	2,413	1,632	5,842	77	2,941
Aguarras	6,486	5,020	5,744	2,637	5,313	4,062	6,592	8,677
Fuel	220,979	192,088	174,938	180,928	245,558	213,330	204,582	320,719
Aromatic C7C8	7,269	13,256	19,682	4,182	5,867	391	(393)	333
Cumene	47,395	57,857	54,896	42,931	56,553	36,935	45,935	54,513
Nonene	4,080	5,003	4,657	2,556	5,181	4,142	6,206	5,498
Tetramer	3,062	3,831	5,781	2,318	4,759	4,249	6,425	3,696
Other Basic Petrochemicals	8,072	6,785	6,536	10,099	7,007	8,666	7,445	8,015
Total	2,083,827	2,128,540	2,111,604	1,898,079	2,077,406	2,116,126	2,156,415	2,134,529
United States and Europe								
PP	460,866	505,568	490,788	509,806	499,233	513,415	512,361	482,170
Mexico								
PE	-	-	-	-	-	83,538	166,453	193,189

EXHIBIT VIII

Sales Volume - Domestic Market – Main Products

Domestic Market - Sales Volume CONSOLIDATED								
tons	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16
Polyolefins								
PE's*	487,677	399,158	440,766	378,276	391,425	436,529	457,951	419,557
PP	312,046	271,065	288,754	255,084	269,267	276,145	293,399	266,864
Vinyls								
PVC	154,051	121,508	136,254	117,680	119,698	132,913	138,327	137,377
Caustic Soda	104,364	107,829	114,257	109,248	109,652	112,912	112,370	101,673
Main Basic Petrochemicals								
Ethylene	118,188	130,877	133,089	103,608	127,181	125,343	143,440	115,902
Propylene	46,552	61,470	72,627	65,431	60,747	72,419	83,109	75,036
Benzene	108,744	125,209	116,486	114,876	117,216	120,119	125,794	111,411
Butadiene	57,521	56,109	58,803	47,676	49,832	50,492	50,940	47,187
Toluene	11,627	8,632	6,528	10,674	11,952	10,521	10,398	9,647
Paraxylene	26,426	35,481	31,986	34,797	38,185	41,726	32,327	47,663
Cumene	49,046	57,845	49,296	49,848	49,530	41,158	51,352	52,431

*Polyethylene data considers Green PE from 1Q15 onwards.

EXHIBIT IX

Sales Volume - Export Market – Main Products

Export Market - Sales Volume CONSOLIDATED								
tons	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16
Polyolefins								
PE's*	203,664	256,271	274,389	186,721	244,227	275,322	270,825	233,859
PP	52,788	113,891	131,106	88,365	136,580	151,072	136,429	142,174
Vinyls								
PVC	24	3,187	48,738	13,426	34,256	27,145	16,483	39,035
Caustic Soda	-	-	-	-	-	-	-	5,837
EDC	-	-	-	-	-	-	-	-
Main Basic Petrochemicals								
Ethylene	12,093	12,421	18,217	20,128	23,784	19,637	12,856	7,917
Propylene	53,322	40,684	40,375	36,073	19,314	28,340	24,157	7,501
Benzene	49,326	49,174	48,396	54,504	57,771	37,211	63,440	78,266
Butadiene	34,891	42,917	43,886	43,710	52,907	49,613	58,980	52,167
Toluene	37,101	21,788	25,703	19,411	17,291	19,209	18,972	17,699
Gasoline (m ³)	13,445	116,272	227,125	89,938	-	136,575	25,670	31,977
Paraxylene	10,250	14,950	15,342	10,251	5,250	16,396	15,993	-
Ortoxileno	-	-	-	-	-	-	-	-
Isopropene	1,638	2,509	3,195	2,395	3,223	4,046	3,210	2,485
Butene 1	1,590	1,715	19	39	1,575	2,248	4,427	60
ETBE/ MTBE	65,670	69,829	90,656	77,126	69,939	82,995	92,298	65,502
Mixed Xylene	8,892	5,838	8,224	5,190	80	4,981	6,237	4,355
Cumeno	-	-	-	-	-	-	-	-
Polybutene	2,211	3,917	2,638	1,054	2,302	2,370	2,608	1,903
Petrochemical Resins	875	806	716	1,133	1,185	1,412	1,271	691
BTX**	96,677	85,912	89,441	84,165	80,311	72,817	98,405	95,965
United States and Europe								
PP	460,278	493,373	502,293	517,329	499,577	503,980	502,850	502,067
Mexico								
PE	-	-	-	-	26,043	54,000	152,904	198,706

*Polyethylene data considers Green PE from 1Q15 onwards.

**BTX - Benzene, Toluene and Paraxylene

EXHIBIT X
Consolidated Net Revenue
(R\$ million)

Net Revenue								
R\$ million	1Q15	2Q15	3Q15	4Q15	1Q16	2Q16	3Q16	4Q16
Polyolefins								
Domestic Market	3,582	3,342	3,705	3,402	3,383	3,575	3,633	3,311
Export Market	1,024	1,650	1,898	1,382	1,709	1,741	1,536	1,419
Vinyls								
Domestic Market	637	593	663	679	651	665	691	672
Export Market	0	9	145	41	90	68	45	125
Basic Petrochemicals (Most Relevant)								
Domestic Market								
Ethylene/Propylene	446	595	693	564	609	598	684	570
Butadiene	114	119	165	134	116	134	142	175
Cumene	158	141	138	146	142	100	122	137
BTX*	311	417	429	416	442	410	377	400
Others	469	325	175	408	617	334	504	560
Export Market								
Ethylene/Propylene	196	164	178	164	142	150	109	46
Butadiene	72	116	152	128	150	160	191	248
BTX*	164	221	230	212	180	167	222	213
Others	193	463	725	288	204	460	296	246
United States and Europe	1,751	1,985	2,140	2,363	2,535	2,298	2,066	2,014
Mexico	-	-	-	-	-	213	529	706
Mexico Others**	-	-	-	-	-	-	8	8
Resale***	742	903	1,194	1,593	797	402	642	904
Quantiq	193	214	227	241	213	210	218	193
Others****	144	336	307	169	191	202	147	127
Total	10,195	11,592	13,164	12,332	12,172	11,886	12,162	12,076

*BTX = Benzene, Toluene and Paraxylene

** Others Mexico = Fuel and Utilities

***Naphtha, condensate and crude oil

****Includes pre-marketing activity in Mexico until 1Q16