

## **Disclaimer on Forward-Looking Statements**

This presentation includes forward-looking statements. These forward-looking statements are not solely historical data, but rather reflect the targets and expectations of Braskem's management. The terms "anticipate," "believe," "expect," "foresee," "intend," "plan," "estimate," "project," "aim" and similar terms are used to indicate forward-looking statements. Although we believe these forward-looking statements are based on reasonable assumptions, they are subject to various risks and uncertainties and are prepared using the information currently available to Braskem.

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## **Scenario Highlights**

Region	Quarter	Demand (1) (million tons)		International Spreads <sup>(2)</sup> (US\$/ton)					
		PE+PP+PVC	Δ	PE+PP	Δ	Vinyls	Δ	Chemicals	Δ
Brazil	Q2 17	1.25	0%	703	-7%	705	3%	458	-15%
	Q1 18	1.31	-4%	736	-11%	716	1%	388	1%
	Q2 18	1.25		653		724		390	
		PP	Δ	PP	Δ				
US	Q2 17	1.96	2%	573	17%				
03	Q1 18	1.86	<b>7</b> %	617	8%				
	Q2 18	1.99		669					
		PP	Δ	PP	Δ				
Europe	Q2 17	2.08	2%	504	-23%				
Larope	Q1 18	2.19	-3%	471	-18%				
	Q2 18	2.12		388					
				PE	Δ				
Mexico	Q2 17			965	13%				
	Q1 18			1,140	-5%				
	Q2 18			1,087					

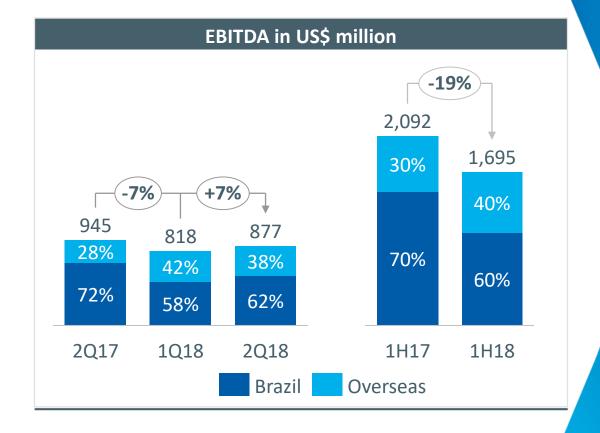
# **Operational Highlights**

Region	Quarter	Utilization Rate (%)		Sales - Resins (kton)			EBITDA (US\$ million)		
		Crackers	Δ	Brazil	Δ	Exports	Δ	Brazil	Δ
Brazil	Q2 17	93%	-3 p.p.	835	-2%	367	-13%	718	-31%
	Q1 18	90%	0 p.p.	886	<b>-7</b> %	320	0%	451	10%
	Q2 18	90%		821		320		495	
US		PP	Δ	US	Δ			US & Europe	Δ
	Q2 17	97%	-18 p.p.	376	-7%			120	42%
	Q1 18	92%	-13 p.p.	364	-4%			176	-3%
	Q2 18	79%		348				170	
Europe		PP	Δ	Europe	Δ				
	Q2 17	89%	6 p.p.	140	6%				
	Q1 18	92%	3 p.p.	142	4%				
	Q2 18	95%		148					
Mexico		PE	Δ	Mexico	Δ	Exports	Δ	Mexico	Δ
	Q2 17	83%	-11 p.p.	130	4%	109	-43%	142	13%
	Q1 18	85%	-13 p.p.	146	-8%	58	<b>7</b> %	165	<b>-2%</b>
	Q2 18	72%		135		62		161	

## **Financial Highlights**

#### **Consolidated Figures** Δ **Net Revenue** Q2 17 3,695 3% (US\$ million) Q1 18 4,018 -5% Q2 18 3,818 Δ **EBITDA** -7% Q2 17 945 (US\$ million) Q1 18 818 7% Q2 18 877 Δ Net Profit (1) Q2 17 1,090 -50% (R\$ million) Q1 18 1,054 -48% Q2 18 547

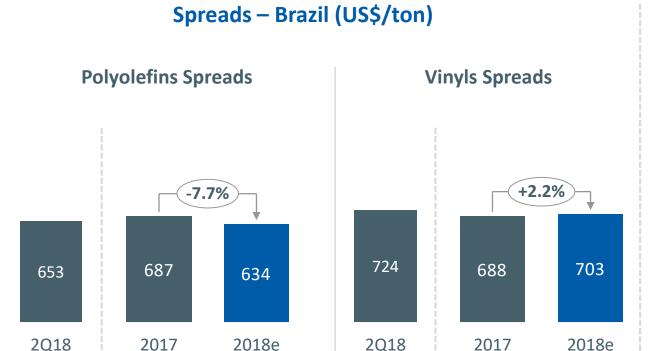
# Around **40%** of Braskem' **EBITDA** in the 1H18 was generated **outside Brazil** (2)



<sup>(1)</sup> Net Profit attributable to Company's shareholders

<sup>(2)</sup> Does not consider the EBITDA from Brazilian exports

### **Petrochemical Scenario Outlook**



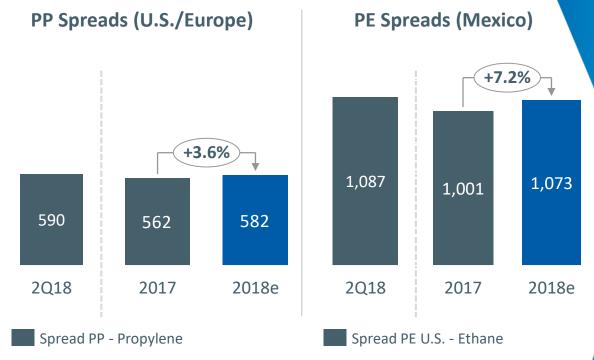
**PE:** Lower spreads for the remainder of the year, due to the ramp up of new capacities in the U.S and higher oil prices.

Spread Vinyls

**PP:** Although China continues to aim for self-sufficiency and add capacity, demand is expected to grow more and keep spreads high.

**Vinyls:** PVC and caustic prices are forecasted to increase vs. 2017, due to recent capacity closures and environmental concerns.

### Spreads – International Business (US\$/ton)



**PP U.S./Europe:** Higher spreads due to tight PP market in the U.S., in addition to new propylene capacity being ramped up in the region. In Europe, spreads are expected to decrease slightly.

**PE Mexico:** Lower spreads in the quarter due to new capacities in the U.S. and rising ethane prices.

Spread Polyolefins (PE + PP) in Brazil

### **Outlook for 2018**

		Current Estimates for 2018 vs. 2017	Current Estimates vs. Previous Est.
Utilization Rate		Lower in all regions	
Regional Demand	US/Europe Brazil/Mexico	■~1x GDP ■~1.5 x GDP	
Spreads (US\$/t)*	Chemicals	_	+
	PE+PP Brazil	•	
	PVC Brazil		<u> </u>
	US & Europe	_	<u> </u>
	Mexico		
Reintegra		0.1%	
REIQ		0%	
Exchange Rate (R\$/US\$)		Depreciation 🔻	+
Consolidated EBITDA (US\$ million)			

	Current Estimates for 2018 vs. 2017	Current Estimates vs. Previous Est.
Working Capital	Not Relevant 🛕	
Interest	Lower interest rates and gross debt	
Тах	US Tax Reform	
CAPEX	US\$876 million	
Free Cash Flow (US\$ million)		

Braskem remains expecting a higher Cash Flow Generation for 2018 as compared with 2017, though a lower EBITDA

\*Source: IHS

