

COP26

**COP26 WANTS TO
ACCELERATE THE FIGHT
AGAINST CLIMATE CHANGE.
AND BRASKEM CONTINUES
ACCELERATING ITS PROJECTS.**

EARNINGS CONFERENCE CALL 3Q21

NOVEMBER 10, 2021



BRASKEM.
A MORE
SUSTAINABLE
FUTURE
TODAY.

Braskem 

FORWARD-LOOKING STATEMENTS

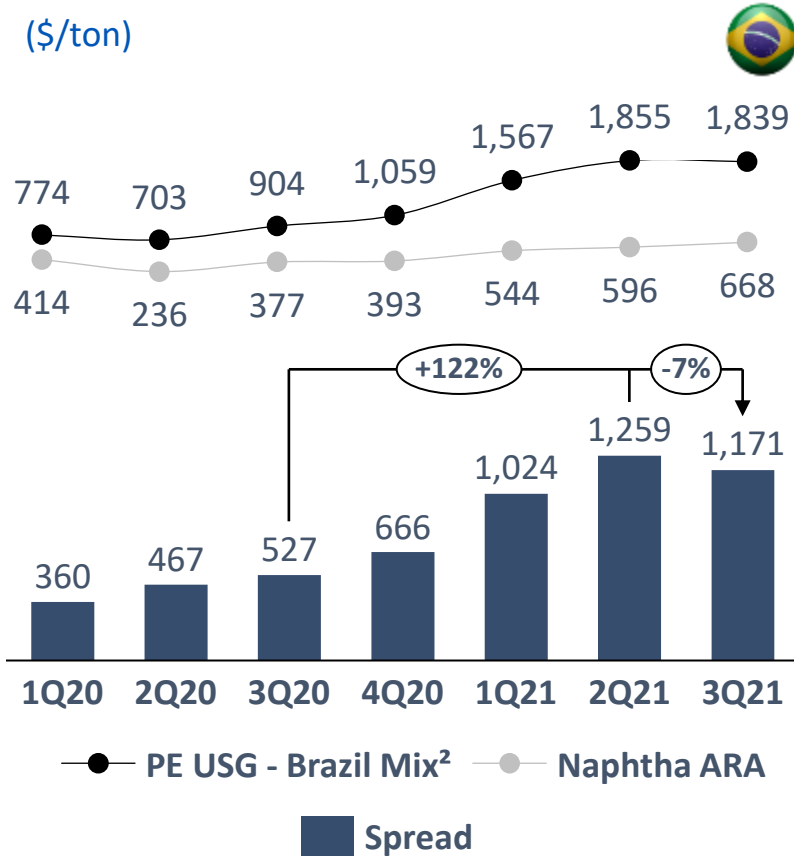
This presentation includes forward-looking statements. These forward-looking statements represent not solely historical data, but also reflect the goals and expectations of Braskem's management. The terms "anticipate," "believe," "expect," "foresee," "intend," "plan," "estimate," "project," "aim" and 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.

This presentation was updated as of September 30, 2021, and Braskem does not assume any obligation to update it in light of new information or future developments.

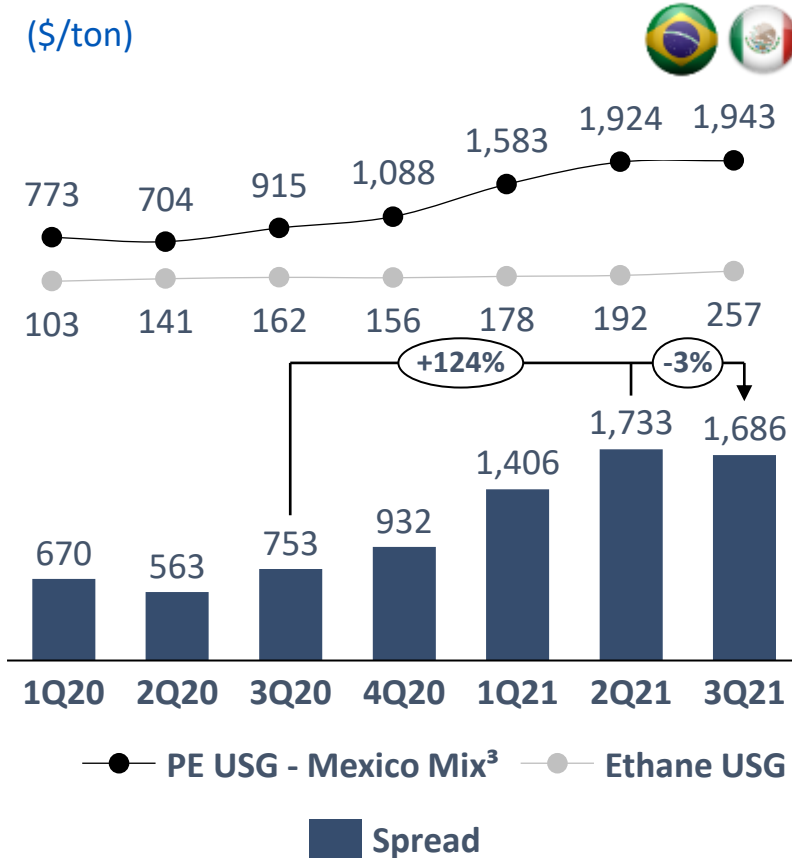
Braskem undertakes no liability for transactions or investment decisions made based on the information in this presentation.

In 3Q21, petrochemical spreads remained at high levels and above the upcycle of the petrochemical industry

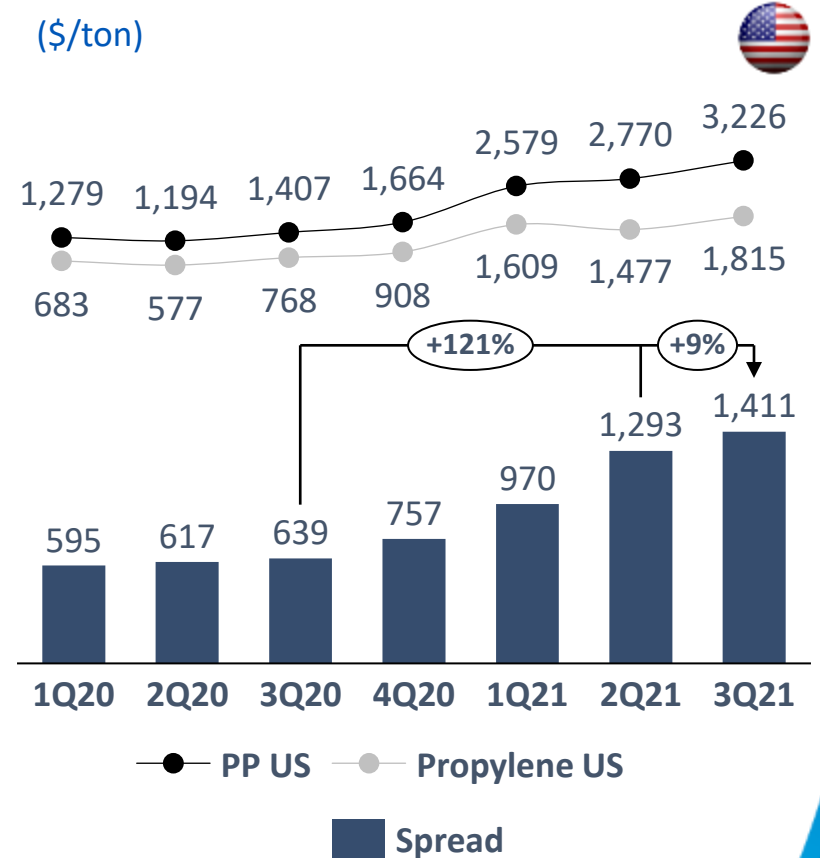
PE US – Naphtha ARA Spread¹



PE US – Ethane US Spread¹



PP US – Propylene US Spread¹



Compared to the prior-year quarter, spreads widened significantly, mainly due to the global supply chain constraints caused by impacts from natural events, the closure of ports to contain the Delta variant in Asia and the global container shortage pressuring freight prices

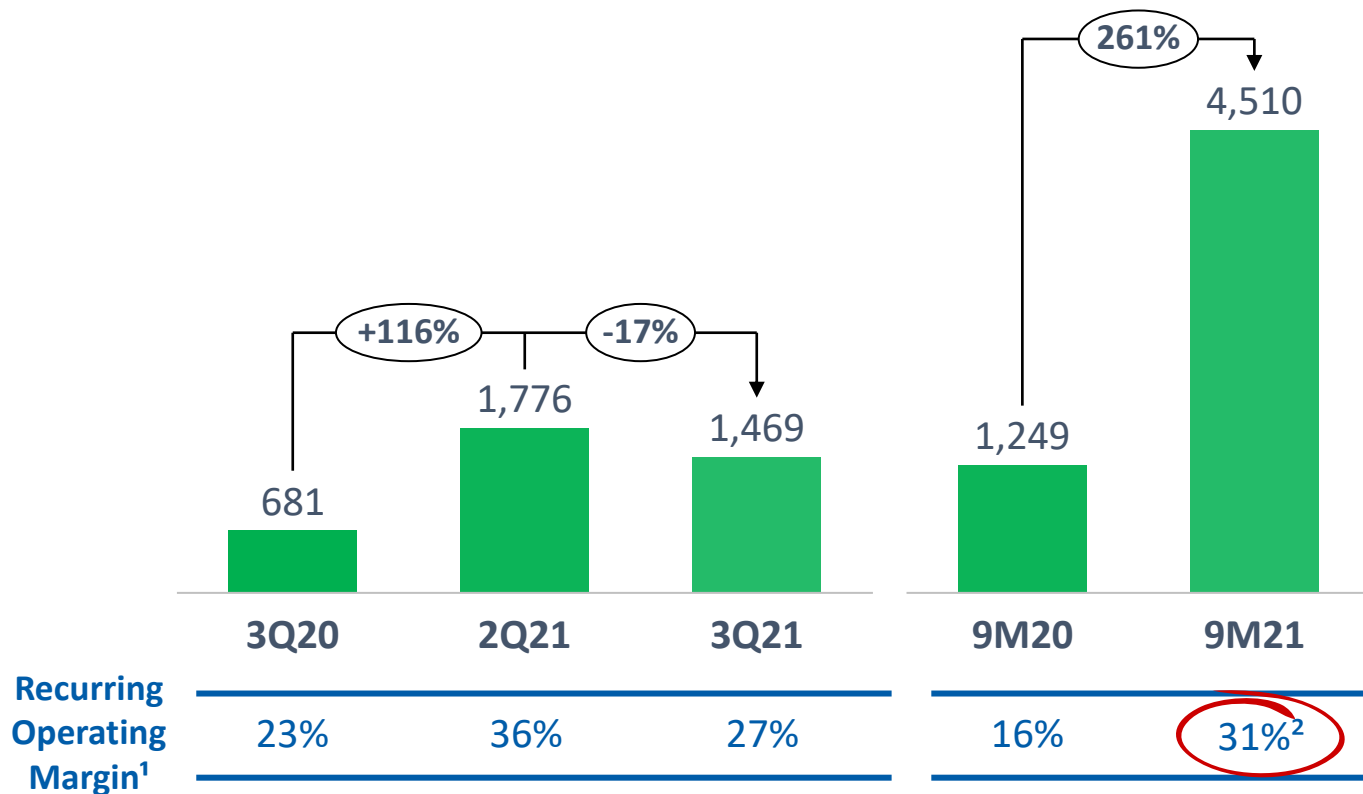
Note (1): External Consultants. Note (2): PE USG Brazil Mix = 0.3*US LDPE + 0.3*US LLDPE + 0.4*US HDPE. Note (3): PE USG Mexico Mix = 0.286*US LDPE + 0.714*US HDPE.

3Q21 Highlights | Consolidated Braskem (1/2)

Recurring Operating Result – 3Q21 and 9M21

(US\$ million)

Braskem improved its profitability in 2021 (9M21), as shown by the period's higher recurring operating margin



Comments:

- In 3Q21, recurring Operating Result was US\$1,469 million, down 17% on 2Q21, mainly due to:
 - lower international spreads for resins in Brazil, PP in Europe and PE in Mexico, though still above the historical average of the last 10 years³
 - lower PP sales volume in the United States and Europe
- Compared to 3Q20, recurring Operating Result in USD advanced 116%, due to:
 - better international spreads for main chemicals, PE and PVC in Brazil, for PP in the United States and Europe and for PE in Mexico
 - higher sales volume for main chemicals in Brazil and for PP in the United States and Europe

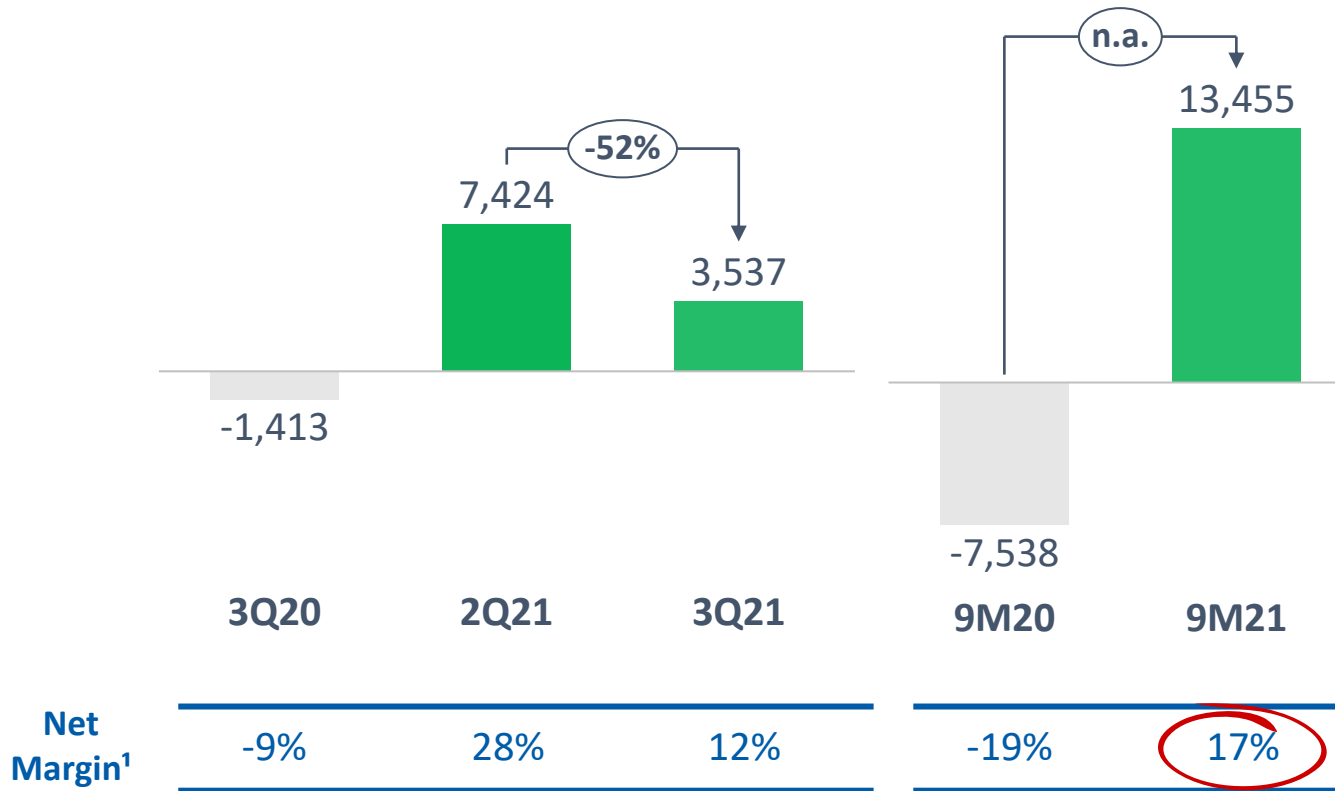
Source: Braskem. Note (1): Recurring Operating Result as a ratio of Net Revenue. Note (2): Recurring Operating Margin in recent historical data (2017-2020) was 18%. Note (3): Based on period from 2011 to 2020.

3Q21 Highlights | Consolidated Braskem (2/2)

Net Income - 3Q21 and 9M21

(R\$ million)

Positive net margin in 2021, reversing the net loss in the prior year



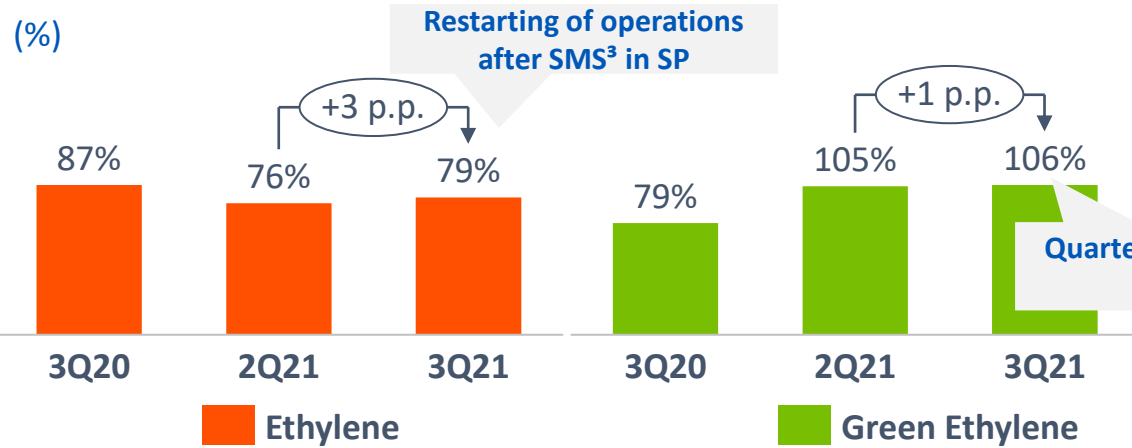
Comments:

- In 3Q21, Braskem reported Net Income of **R\$3,537 million**
- Additionally, in the year to September 2021, Braskem reported Net Income of **R\$13,455 million**, representing R\$16.91² per common share and class “A” preferred share
- In December 2020, the Company registered **Accumulated Losses of R\$4,530 million**; at end-September, the Company reversed its Accumulated Losses to register **Accumulated Profits of R\$8,947 million**

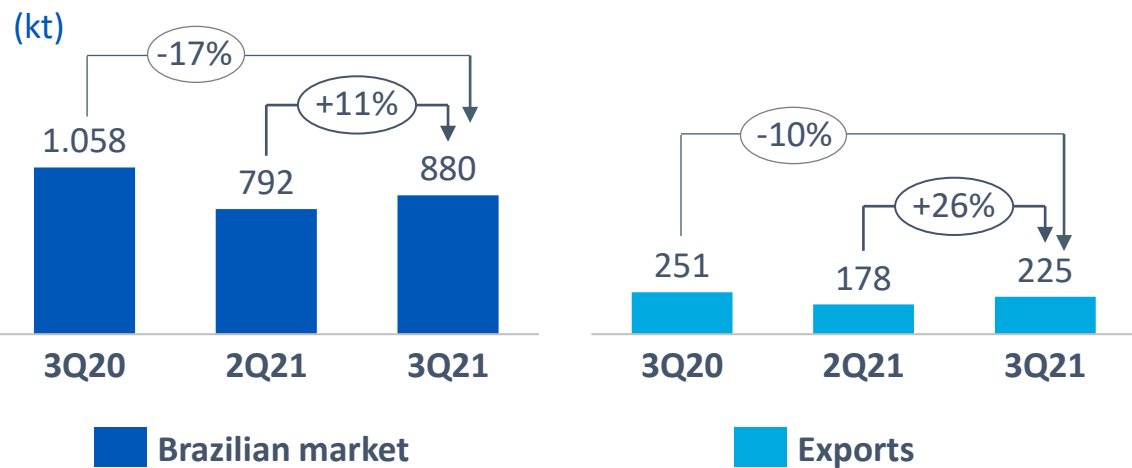


Operational

Utilization Rate of Petrochemical Crackers

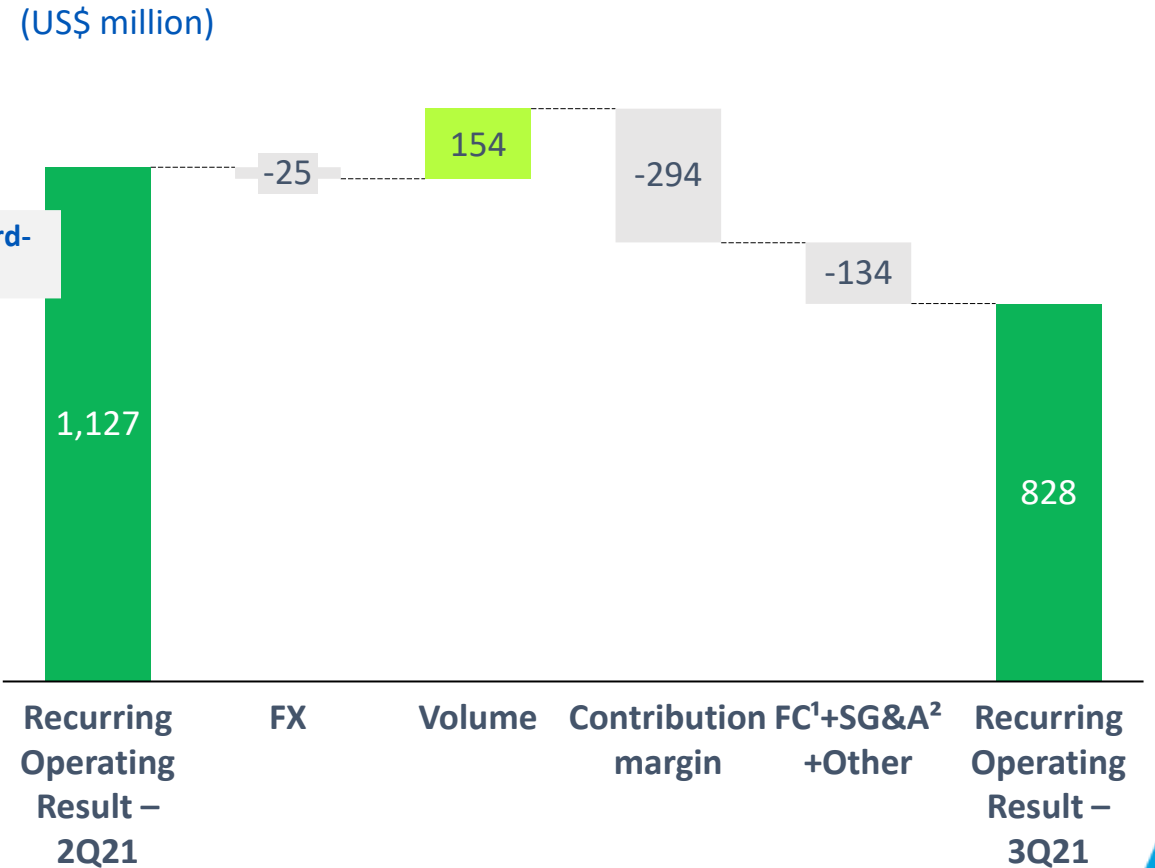


Resin Sales (PE+PP+PVC)



Financial

Recurring Operating Result BRIDGE



In 3Q21, Brazil accounted for 55% of consolidated recurring Operating Result

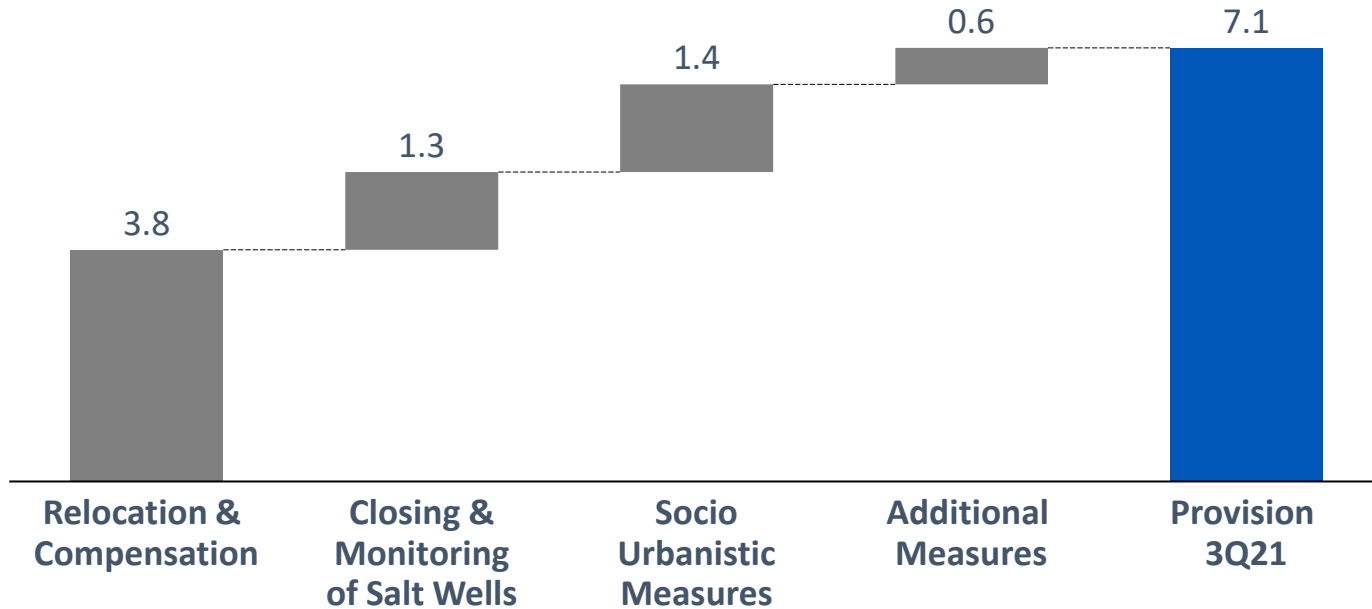
Update on geological event in Alagoas - Financial Impact



Financial Impact¹ – Balance of provisions in 3Q21

(R\$ billion)

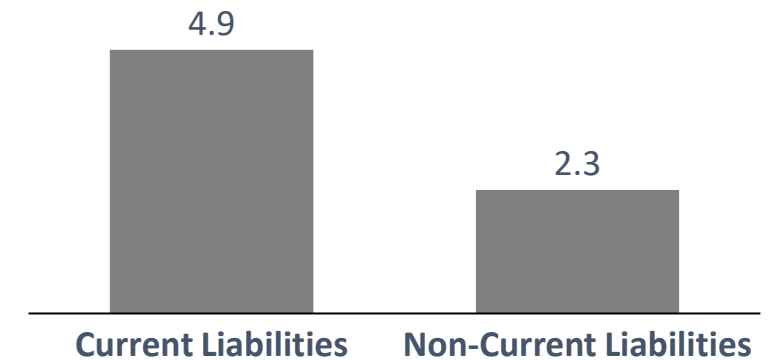
In 3Q21, the balance of provisions related to the geological event in Alagoas was around R\$7.1 billion...



Disbursements Schedule

(R\$ billion)

...with some 68% registered under Current Liabilities and 32% under Non-Current Liabilities



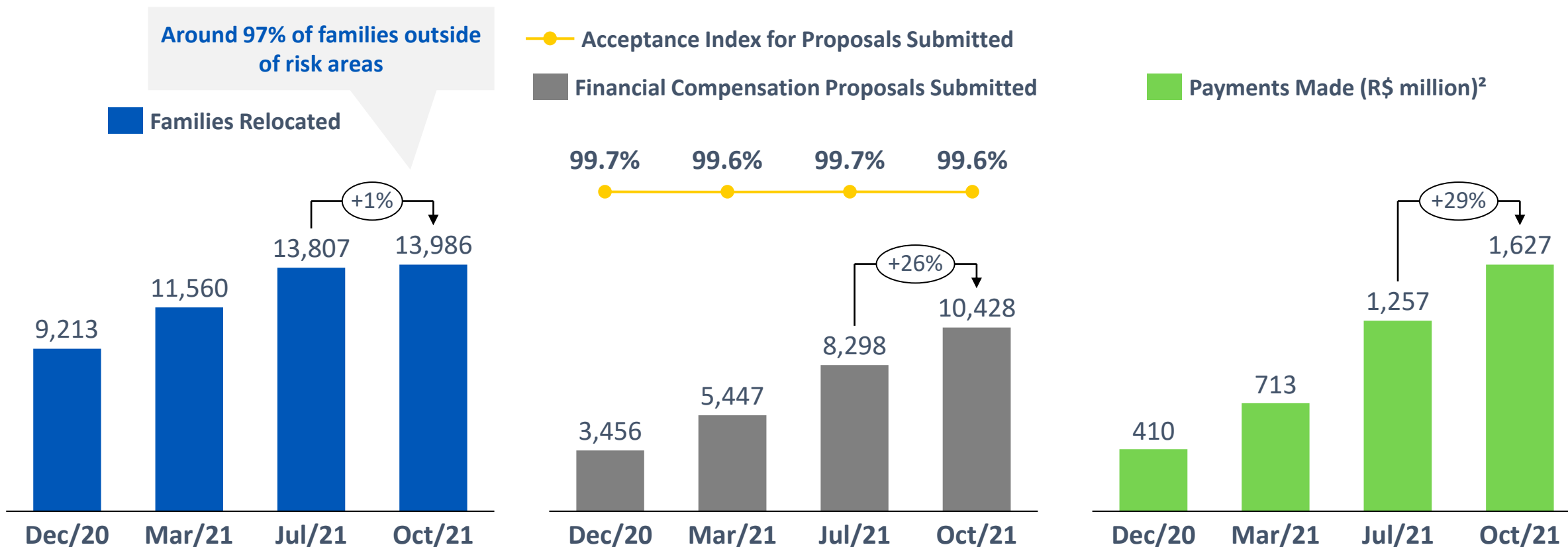
The Company cannot predict with certainty future developments in respect of this matter or its related expenses, and the costs to be incurred by the Company may be different than currently estimated or provisioned

Source: Braskem. Note (1): Total provisions related to the geological event in Alagoas amount to R\$10.5 billion; at the end of June 2021, provisions amounted to approximately R\$7.7 billion.

Update on geological event in Alagoas – Advances in PCF¹

Update of PCF¹ as of October 31, 2021

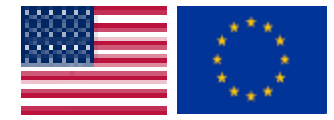
Status on
October 31, 2021



Braskem continued to make progress on the relocation and financial compensation of families in the high-risk districts of Maceió

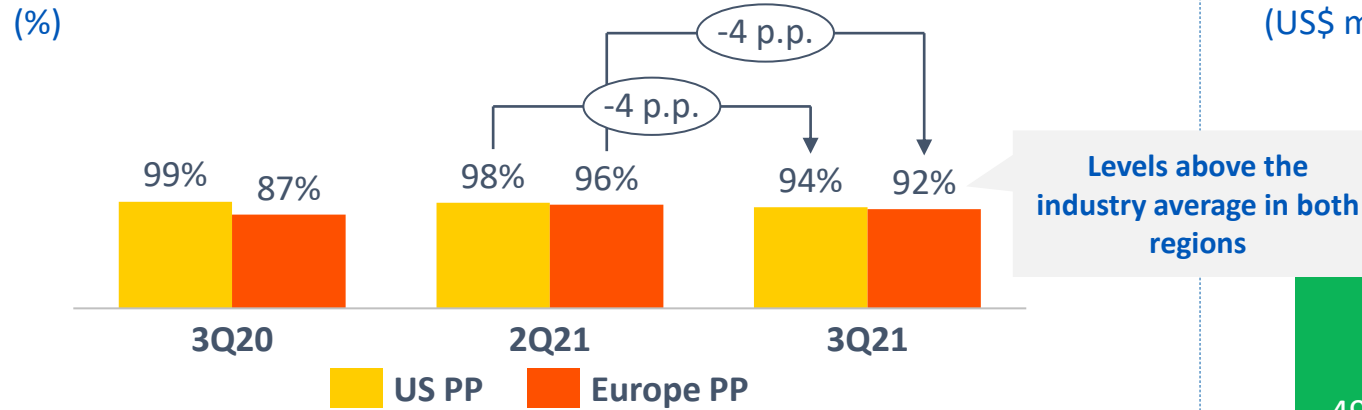
Source: Braskem. Note (1): PCF: Financial Compensation and Support for Relocation Program. Note (2): Considers the amounts disbursed from the start of the PCF and not the amounts disbursed in the quarter.

3Q21 Highlights | USA and Europe

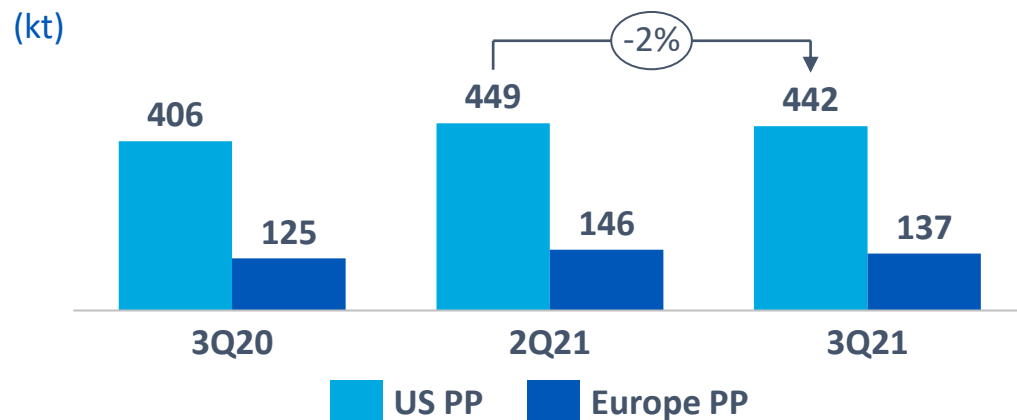


Operational

Utilization Rate of PP plants³

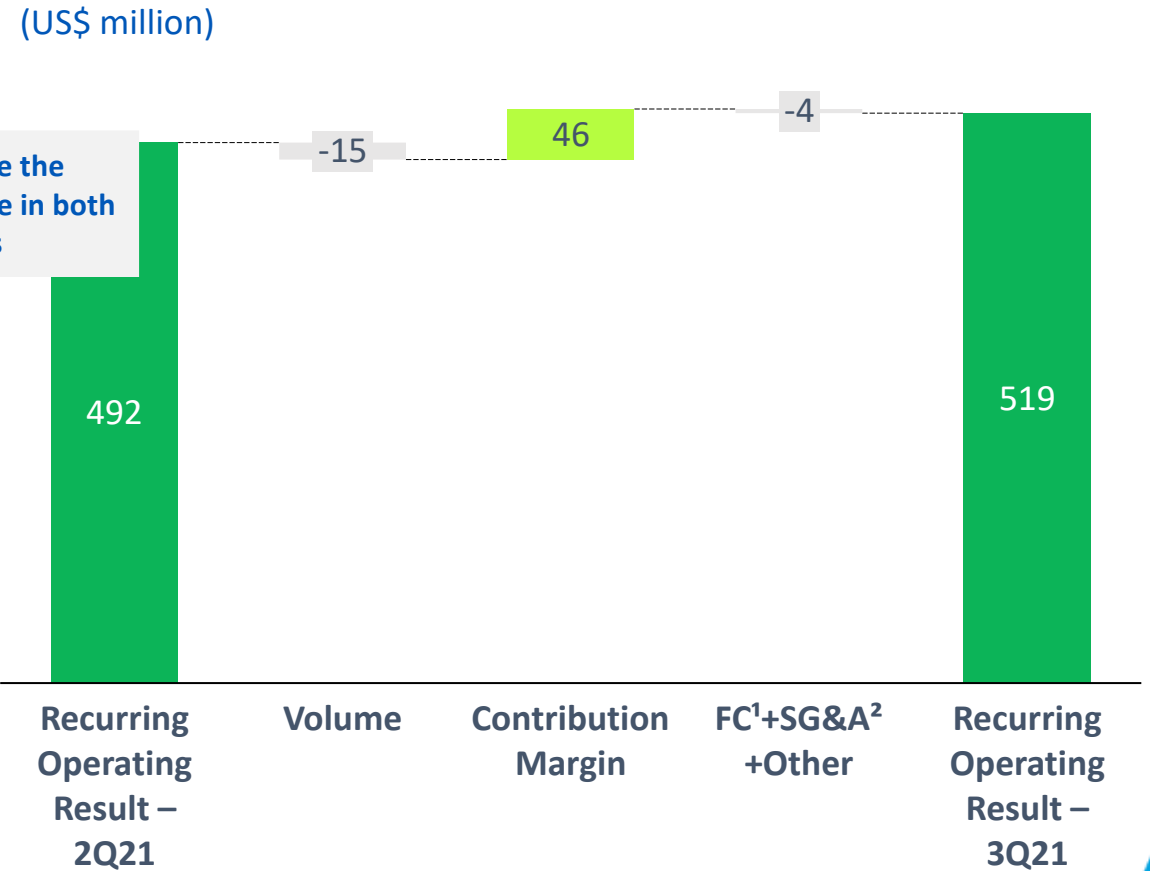


PP sales⁴



Financial

Recurring Operating Result BRIDGE



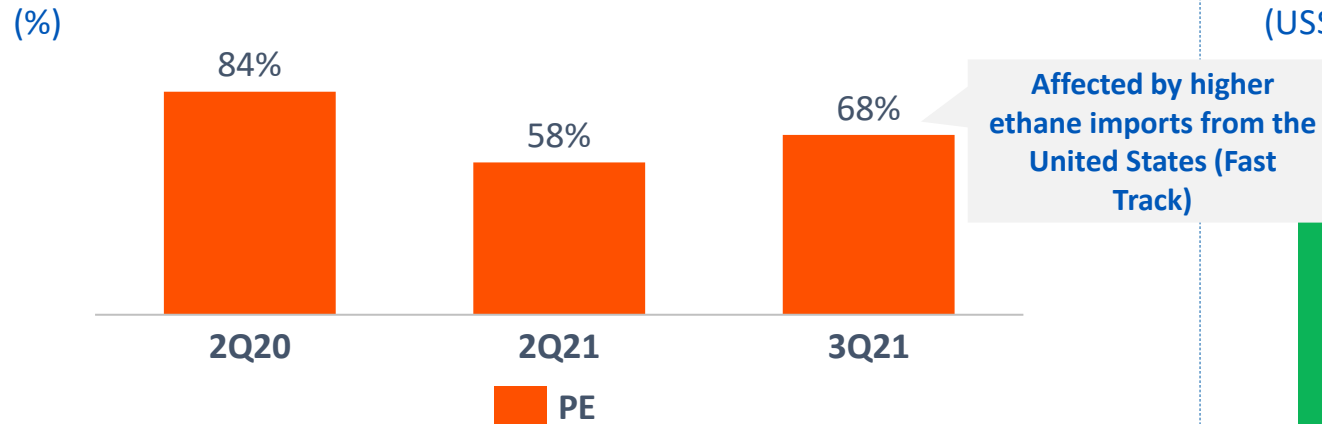
In 3Q21, USA and Europe accounted for 34% of consolidated recurring Operating Result

Source: Braskem. Note (1): CF: Fixed Costs. Note (2): SG&A: Selling, General & Administrative Expenses. Note (3): U.S. 3Q20 data does not consider production capacity and volumes from Delta. Note (4): U.S. 3Q20 data does not consider sales volume from Delta.

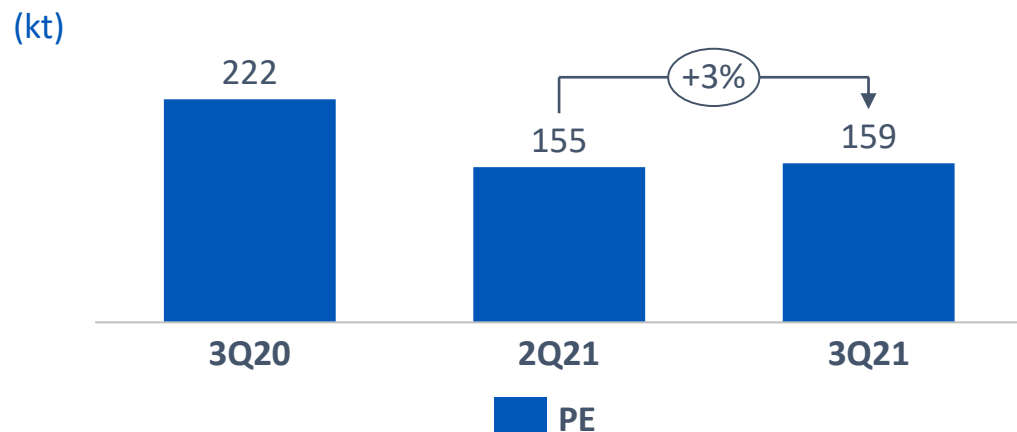


Operational

Utilization Rate of PE plants

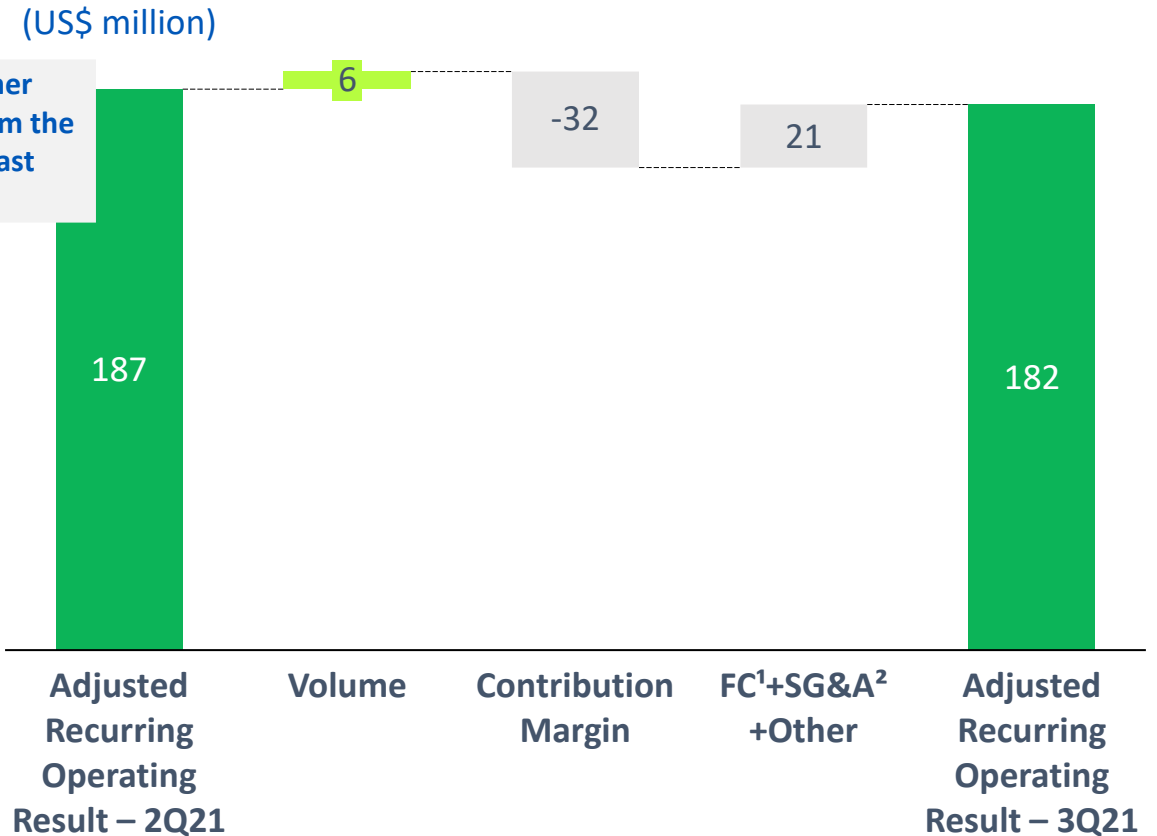


PE sales



Financial

Adjusted Recurring Operating Result BRIDGE³



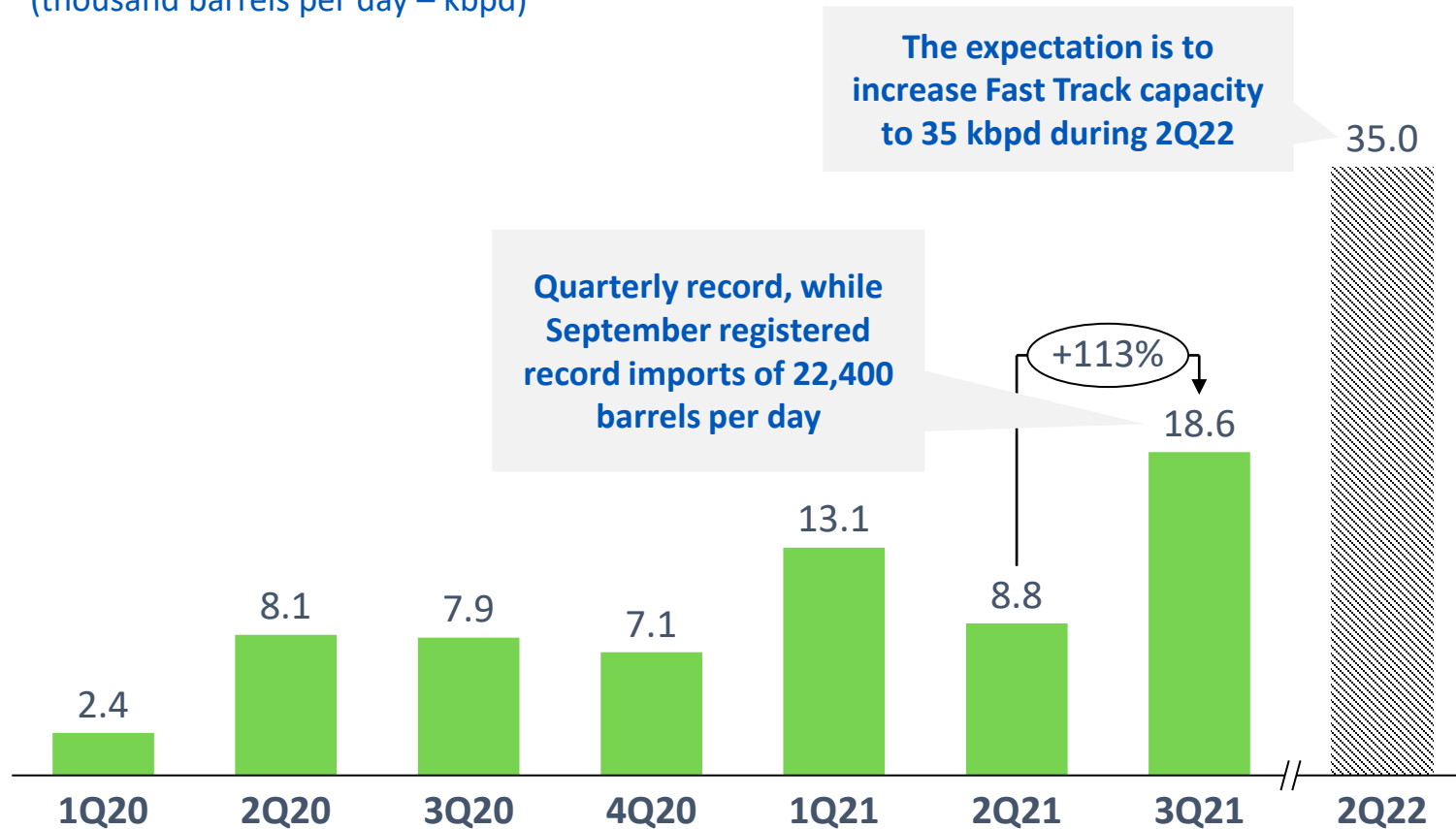
Source: Braskem. Note (1): FC: Fixed Costs. Note (2): SG&A: Selling, General & Administrative Expenses. Note (3): In 3Q21, after applicable corporate approvals, including the final approval of Braskem Idesa shareholders and creditors, regarding the amendment to the ethane supply contract by Pemex, the ethane price formula was retroactively adjusted to the date of signature of the Memorandum of Understanding between Braskem Idesa and Pemex, resulting in a provision of US\$27.6 million in the quarter. Although the accounting of this cost from previous months took place in 3Q21, for better comparability, we are diluting this impact between the quarters of 2021 on the Adjusted Recurring Operating Results, being US\$2.2 million related to 1Q21, US\$13.3 million related to 2Q21 and US\$12.1 million related to 3Q21.

Higher ethane imports from USA to Braskem Idesa



Ethane Imports from USA (Fast Track Solution)

(thousand barrels per day – kbpd)



Comments:

- In 3Q21, Braskem Idesa imported from the USA on average 18,600 barrels per day, which is around 74% of Fast Track's current capacity
- Additionally, Braskem is also working on plans to further expand the capacity of the Fast Track solution, which would enable Braskem Idesa to reach maximum ethane import capacity of 35,000 barrels per day, with the project's conclusion slated for 2Q22

Braskem Idesa plans to increase ethane supply in Mexico with imports, and expanding the Fast Track solution is part of this plan



Guarantee of feedstock supply until the import terminal permits independence from a single supplier

Amendment to ethane supply agreement with PEMEX

- Commitment of minimum volume of **30,000** barrels per day until:
 - i. startup of ethane import terminal (slated for 2024), or
 - ii. February 2025, subject to new extensions in case of delays caused by PEMEX / Mexican government
- **First-refusal rights** in purchases of all ethane that PEMEX has available and does not consume in its own production process **through 2045**
- **PEMEX and government entities commit to support and perform activities to build and operate the Braskem Idesa ethane import terminal**
- Natural gas transportation service renewed for 15 years with **CENAGAS**
- Use of **ethane import facilities of PEMEX (TREP)** to increase ethane supply

Volume

First-Refusal Rights

Terminal Agreement

Additional Achievements

Terminal Agreement



Braskem Idesa 

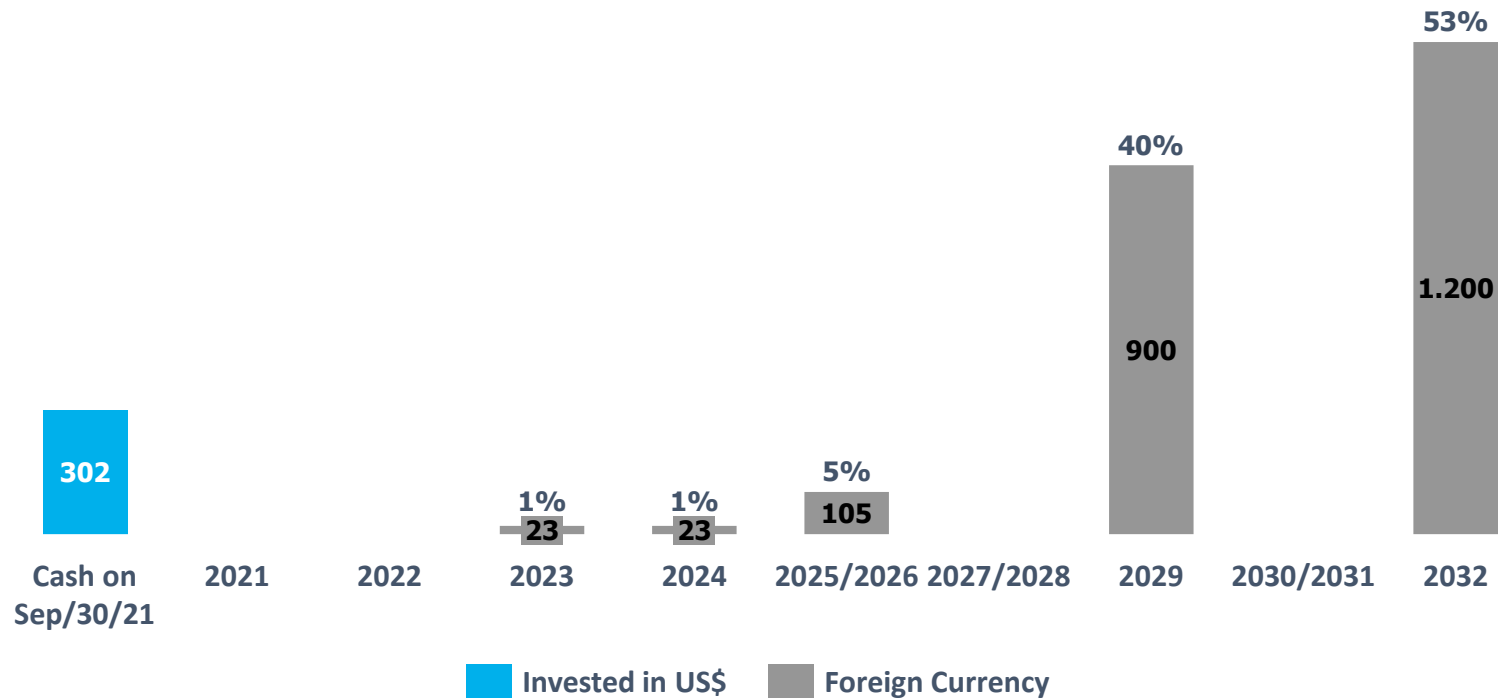
- ✓ Full commitment to licenses, permits and rights of way
- ✓ Commitment for land acquisition
- ✓ Works in progress at TREP to support ethane supply

Additionally, Braskem Idesa also concluded its debt refinancing plan



Braskem Idesa Debt Profile (US\$ million) – Proforma

Braskem Idesa substituted the remaining balance of US\$1.35 billion of Project Finance with new debt under a corporate format with a long maturity profile



Debt Indicators

- Average debt term is around **9 years**
- Weighted average cost of debt is exchange variation + **7.1%**

Corporate Credit Risk – Global Scale

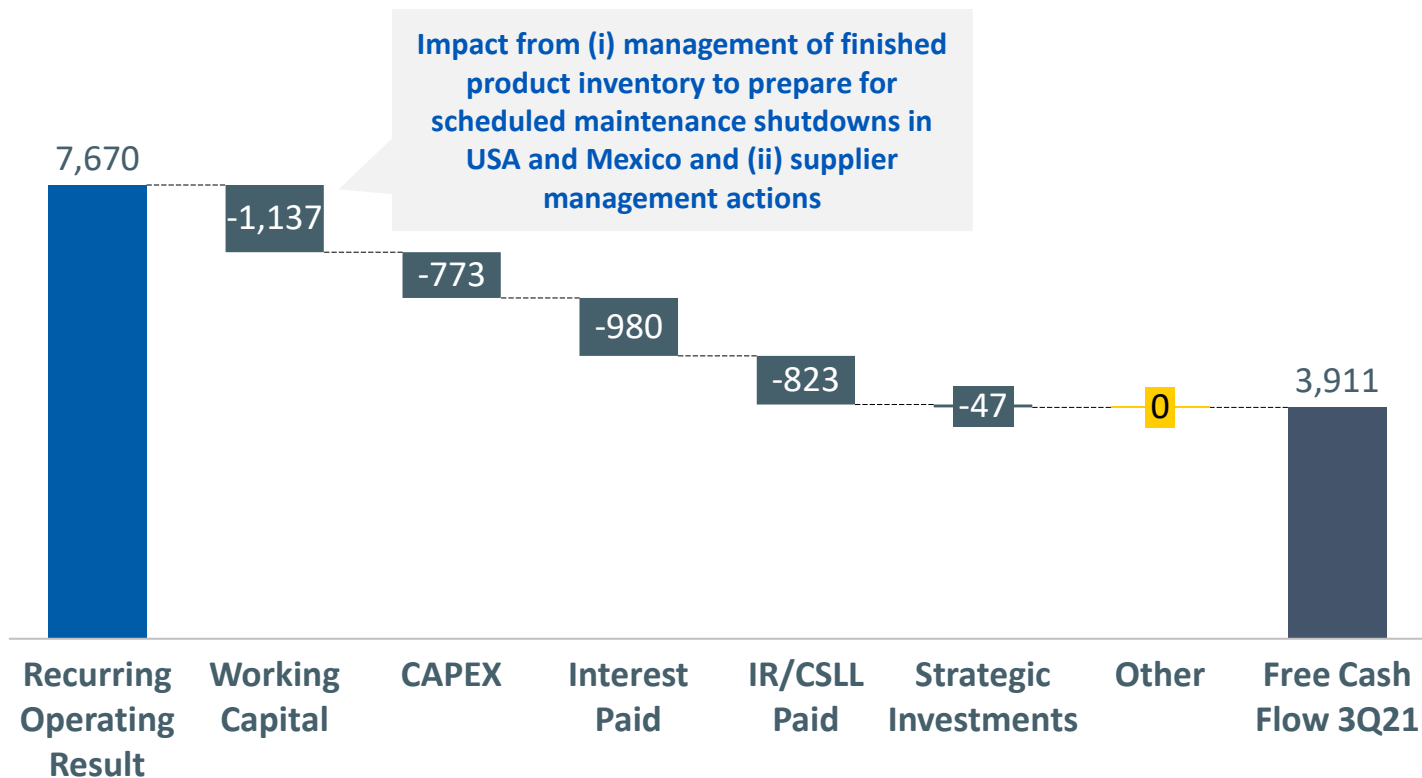
Agency	Rating	Outlook	Date
S&P	B+	Stable	09/30/2021
Fitch	B+	Positive	09/29/2021

With the settlement of the Project Finance debt, the guarantees pledged by Braskem to Braskem Idesa, of US\$358 million, will be extinguished

Considering the consolidated result, Braskem posted a historic quarterly record of operating cash generation in 3Q21

Free Cash Generation (R\$ million) – 3Q21

Consistent operating cash generation, in line with the strategy to prioritize efficient capital allocation / financial health



FCF Yield¹ 3Q21: 21%

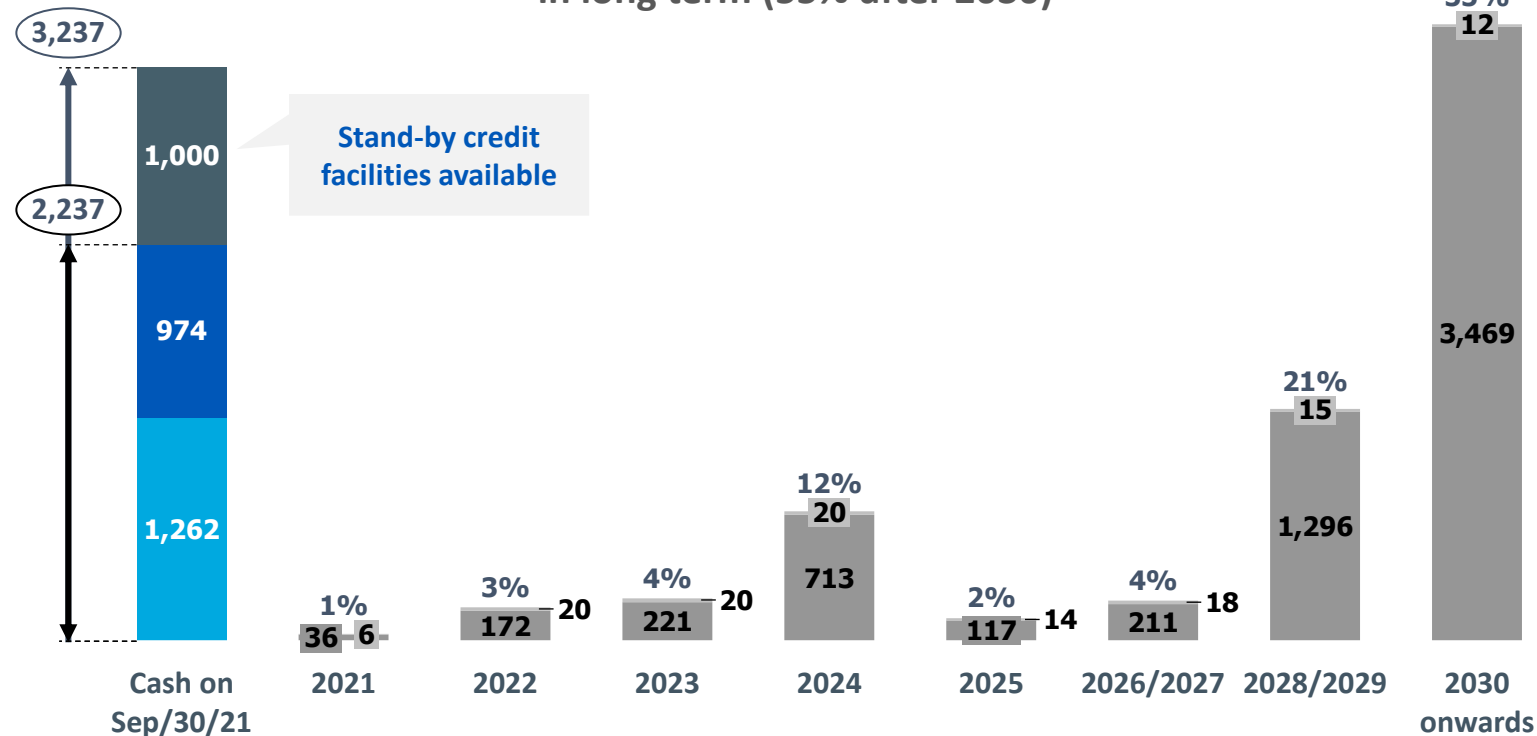
Comments:

- Free cash flow in 3Q21 was R\$3,911 million, a new quarterly record, basically explained by:
 - recurring Operating Result in the quarter
 - monetization of PIS/COFINS credits of around R\$677 million
- These positive impacts were offset mainly by:
 - negative working capital variation
 - payment of interest in the quarter related to bond issues
 - payment of IR/CSLL
 - consumption of operational capex

Maintenance of very long debt maturity profile

Debt Profile (US\$ million) Sep/30/21⁽¹⁾

Strong liquidity position, with most liabilities maturing in long term (55% after 2030)



(1) Excludes Braskem Idesa and the R\$1.2 billion allocated to the Financial Compensation and Support for Relocation Financial Compensation and Support for Relocation Program in Alagoas

Invested in R\$ Invested in US\$ Local Currency Foreign Currency Stand-by

Debt Indicators

- Sufficient liquidity to cover liabilities coming due in next **75 months**
- Average debt term of around **15 years**
- Weighted average cost of debt of FX variation + **5.2%**

Corporate Credit Risk – Global Scale

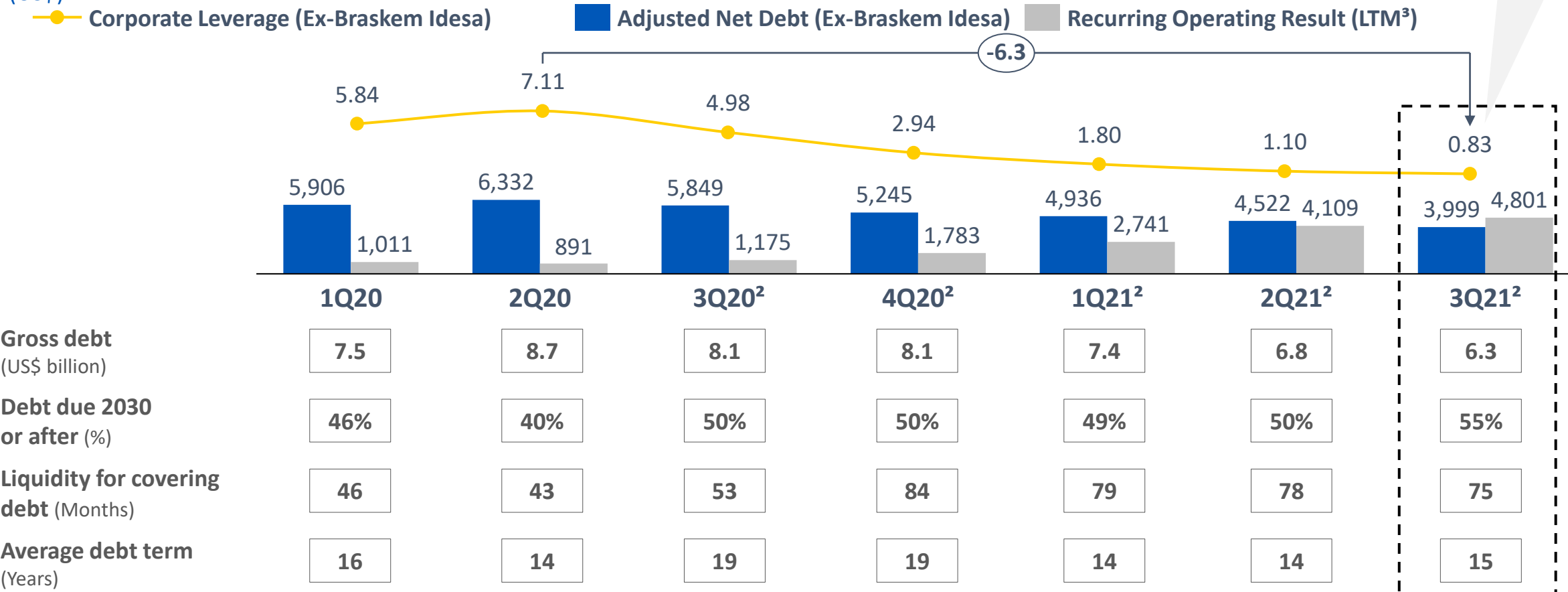
Agency	Rating	Outlook	Date
S&P	BBB-	Stable	09/02/2021
Fitch	BB+	Positive	05/12/2021
Moody's	Ba1	Stable	07/12/2021

INVESTMENT GRADE

Braskem continued to deleverage and present solid credit metrics

Adjusted Net Debt/Recurring Operating Result¹

(US\$)



Gross debt (US\$ billion)	7.5	8.7	8.1	8.1	7.4	6.8	6.3
Debt due 2030 or after (%)	46%	40%	50%	50%	49%	50%	55%
Liquidity for covering debt (Months)	46	43	53	84	79	78	75
Average debt term (Years)	16	14	19	19	14	14	15



Braskem continues to maintain a strong cash position and debt maturity profile concentrated in the long term and reaffirms its commitment to efficient capital allocation and cost discipline

Source: Braskem. Note (1): Excludes Project Finance in Mexico and based on recurring Operating Result. Note (2): To calculate leverage, we considered 50% of the hybrid bonds issued in July 2020 as equity as from 3Q20. Note (3): LTM: Last 12 months

The risk rating agency S&P upgraded Braskem's credit risk to investment grade

Braskem's risk level on global scale

(Agency Rating Scales)

 S&P	Fitch	Moody's	
AAA	AAA	Aaa	
AA+	AA+	Aa1	
AA	AA	Aa2	
AA-	AA-	Aa3	
A+	A+	A1	
A	A	A2	
A-	A-	A3	
BBB+	BBB+	Baa1	
BBB	BBB	Baa2	USA Peers¹
BBB-	BBB-	Baa3	Investment Grade
BB+	BB+	Ba1	
BB	BB	Ba2	
BB-	BB-	Ba3	 Braskem is above Brazil's sovereign rating²

Comments:

- **S&P upgraded Braskem's credit rating on the global scale to BBB-**, with a stable outlook
 - The agency highlighted Braskem's substantial improvement in profitability and cash generation indicators, as well as its commitment to deleveraging
- **Braskem is also holding regular conversations with Fitch and Moody's** to keep them updated on its corporate credit risks

Braskem reinforces its permanent commitment to financial health and maintaining a solid cash position with a very long debt maturity profile

Source: Braskem and Peers. Note (1): Considers LyondellBasell, Dow and Westlake, while in the case of Dow, Fitch assigns a rating of BBB+. Note (2): Brazil's sovereign rating from Moody's is Ba2.

ESG: Braskem signed MOU¹ with SCG Chemicals and Lummus Technology

Main information about Braskem and SCG Chemicals Project²

- **Project:** conducting feasibility studies for a joint investment in a new ethanol dehydration plant to produce ethylene and **I'm green™ biobased polyethylene**
- **Location:** Thailand (if project is implemented)
- **Capacity:** Until doubling the current capacity of **I'm green™ biobased PE**
- **Synergies: Braskem:** (i) technology and know-how in ethanol dehydration process and (ii) experience in marketing **I'm green™ biobased PE**. **SCG Chemicals:** (i) will use its PE units and (ii) knowledge of the PE market in Asia



Main information about Braskem and Lummus Technology Project

- **Project:** jointly license Braskem's **green ethylene** technology - from ethanol to ethylene – for two projects in different regions of the world
- **Regions:** (i) one project under development in North America and (ii) the project under evaluation in Thailand
- **Long-term agreement:** both companies are discussing a long-term agreement for Lummus to license Braskem's **green ethylene** technology as a way to accelerate the use of renewable feedstocks by the chemical industry worldwide



The initiatives are aligned with several of Braskem's sustainable development goals: (i) achieve carbon neutrality by 2050; (ii) diversify and expand the industrial footprint; (iii) reinforce the global leadership in biopolymers to meet clients' needs; and (iv) further develop sustainable solutions in Circular Economy

ESG: Braskem has partnered with Ecovadis to reinforce its supplier management program based on ESG criteria

PARTNERSHIP WITH ECOVADIS

- EcoVadis is one of world's largest **sustainability rating companies for global supply chains**
- The partnership aims to **engage suppliers in ESG topics** and further strengthen the supplier evaluation program
- Using a **process to assess and verify practices**, EcoVadis classifies Braskem suppliers based on ESG performance
- This allows for **identifying risks and opportunities to build actions and initiatives aligned with Braskem's strategy** and business goals



The initiative contributes to the **Financial Results** dimension of the 2030 strategy

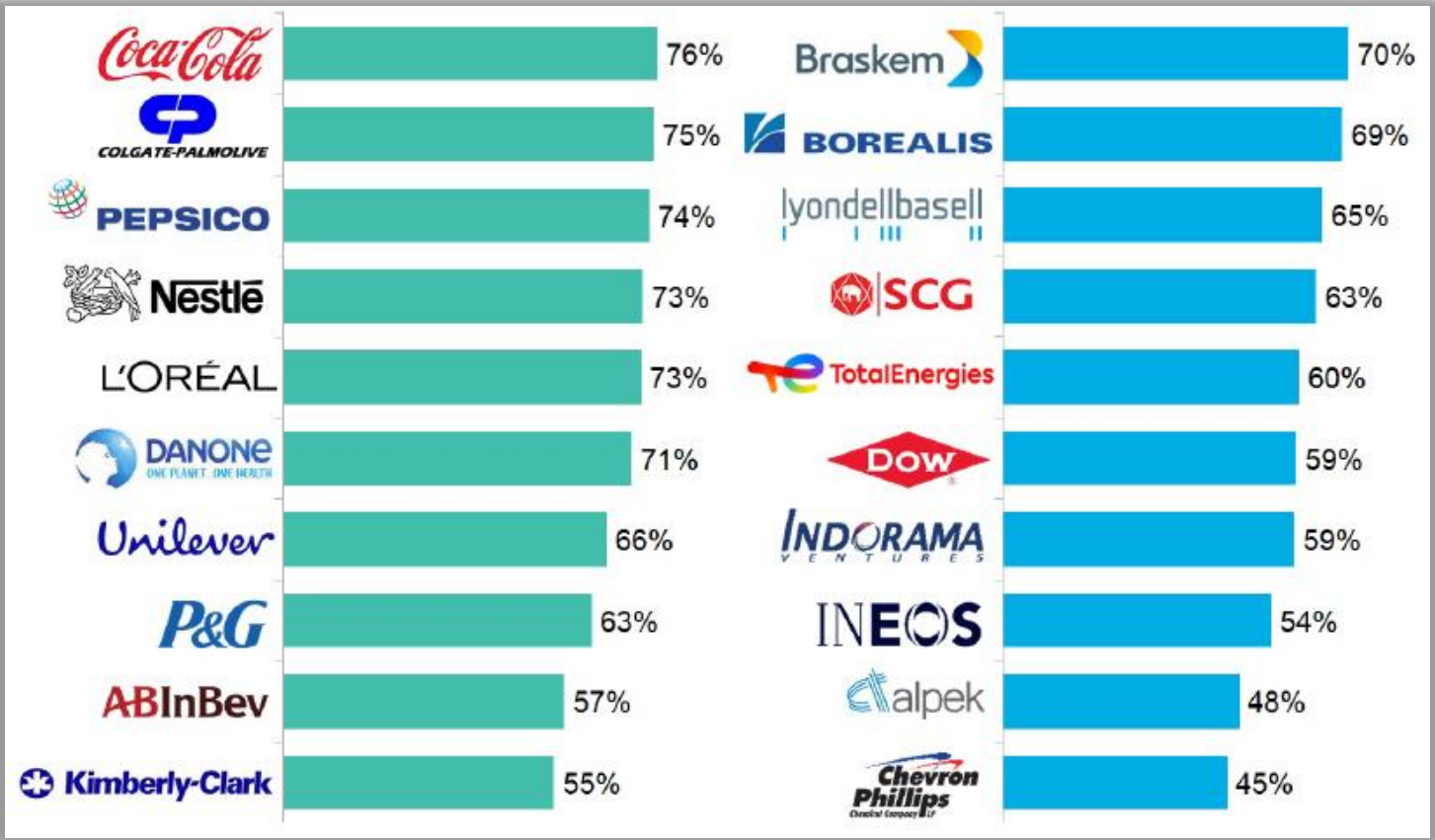
Having suppliers aligned with ESG criteria reinforces Braskem's commitment to responsible care in the chain and to sustainable development

ESG: Braskem recognized by BloombergNEF in Circular Economy

BloombergNEF

Top 10: Brand Owners and Plastic Producers

(Circular Economy Score)



Among plastic producers, Braskem beat its peers

BloombergNEF's Circular Economy ranking monitors the sustainability strategy of the world's largest brand owners and plastic producers and evaluates their achievements, ambitions and quality of information disclosed to the market

Source: BloombergNEF.


ESG: Braskem recognized for its Human Rights initiatives by OHCHR¹ and UN Global Compact under scope of RBCLAC project²



HUMAN RIGHTS INITIATIVES

- Recognition of practices related to **protecting Human Rights in business activities**
- Twelve cases were selected, two from Braskem:
 1. **Social Responsibility and Human Rights:** renewing commitments for 2030, including initiatives in social responsibility and human rights with targets for:
 - i. **Managing human rights risks in the chain**
 - ii. **Diversity in leadership**
 - iii. **Local community**
 2. **Public Report on Human Rights:** transparent communication on Braskem's actions in human rights and inclusion of risks in Corporate Risk Matrix



 Recognition aligned with the **Social Responsibility & Human Rights** dimension of the 2030 strategy

Since 2017, Braskem identifies, evaluates and manages risks across its value chain, reporting to the public on its website the risks identified and the actions taken

ESG: Braskem is one the world's best companies to work for, according to Forbes

Forbes

FORBES' RANKING

- Ranking of **world's best employers**
- **Over 150,000 people interviewed** with criteria including companies' positioning and concern with:
 - i. Environmental impacts
 - ii. Efforts to develop new talent
 - iii. Social responsibility
 - iv. Diversity
- **Braskem, one of three Brazilian companies in the ranking** of 750 participants, rose six positions in relation to 2020



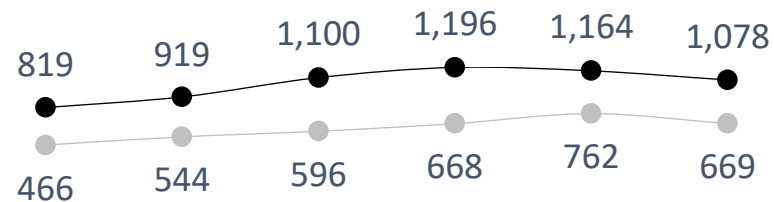
Recognition aligned with the **Social Responsibility & Human Rights** dimension of the 2030 strategy

The recognition reinforces Braskem's efforts in gender equality and maintaining an inspiring and collaborative workplace for all team members

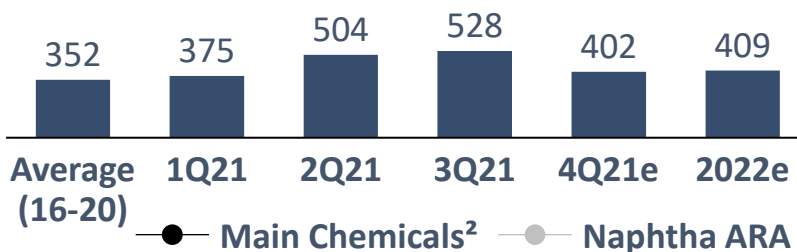
Petrochemical Scenario – Main Chemicals

Main Chemicals - Naphtha ARA Spread¹

(\$/ton)



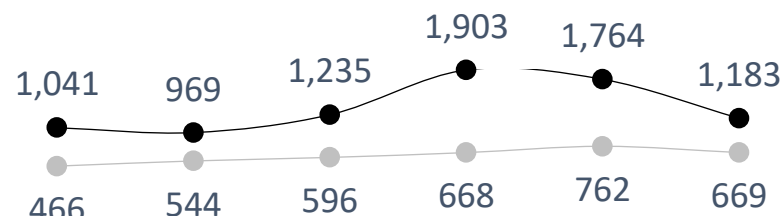
Level above historical average



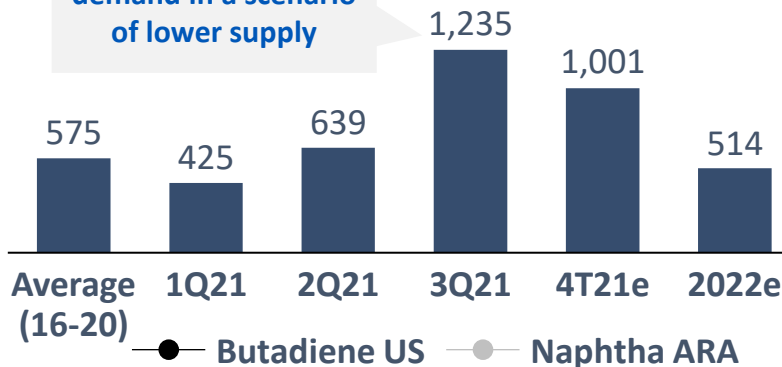
■ Spread

Butadiene US - Naphtha ARA Spread¹

(\$/ton)



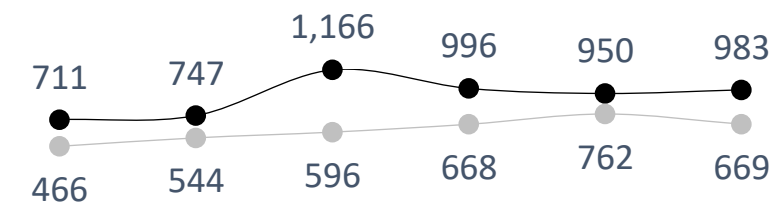
High domestic demand in a scenario of lower supply



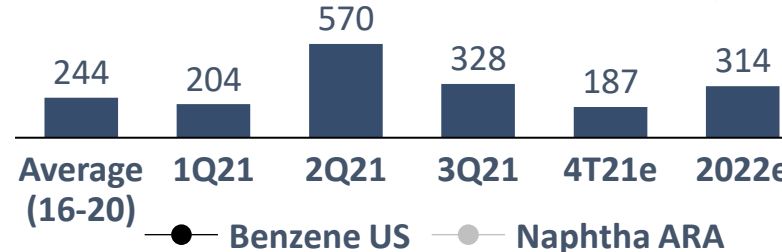
■ Spread

Benzene US - Naphtha ARA Spread¹

(\$/ton)



Level above historical average



■ Spread

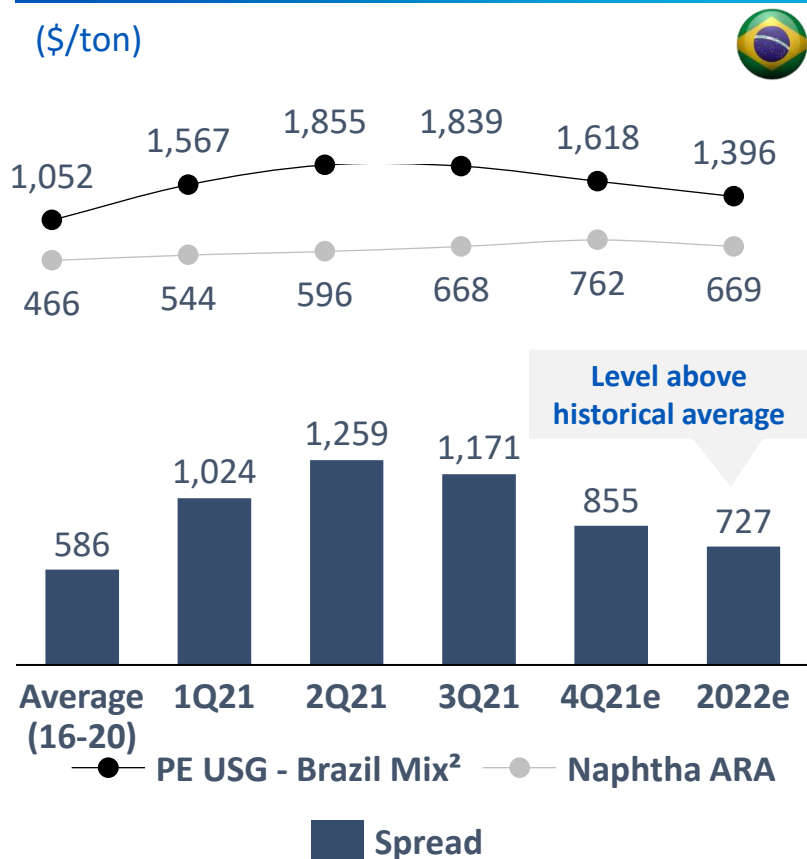
According to the latest forecasts of external consultants, Main Chemicals spreads should remain above the recent historical average (2016-20) in 2022

Note (1) External Consultants. Note (2): Main Base Chemicals: Ethylene (20%), Butadiene (10%), Propylene (10%), Cumene (5%), Benzene (20%), Paraxylene (5%), Gasoline (25%) and Toluene (5%).

Petrochemical Scenario – PE & PVC

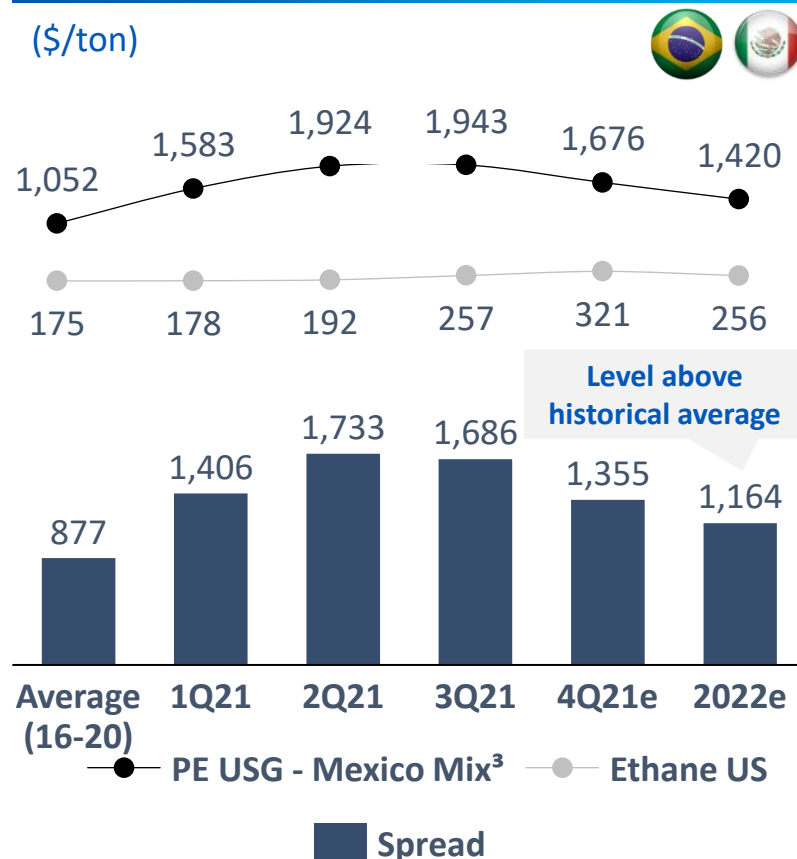
PE US – Naphtha ARA Spread¹

(\$/ton)



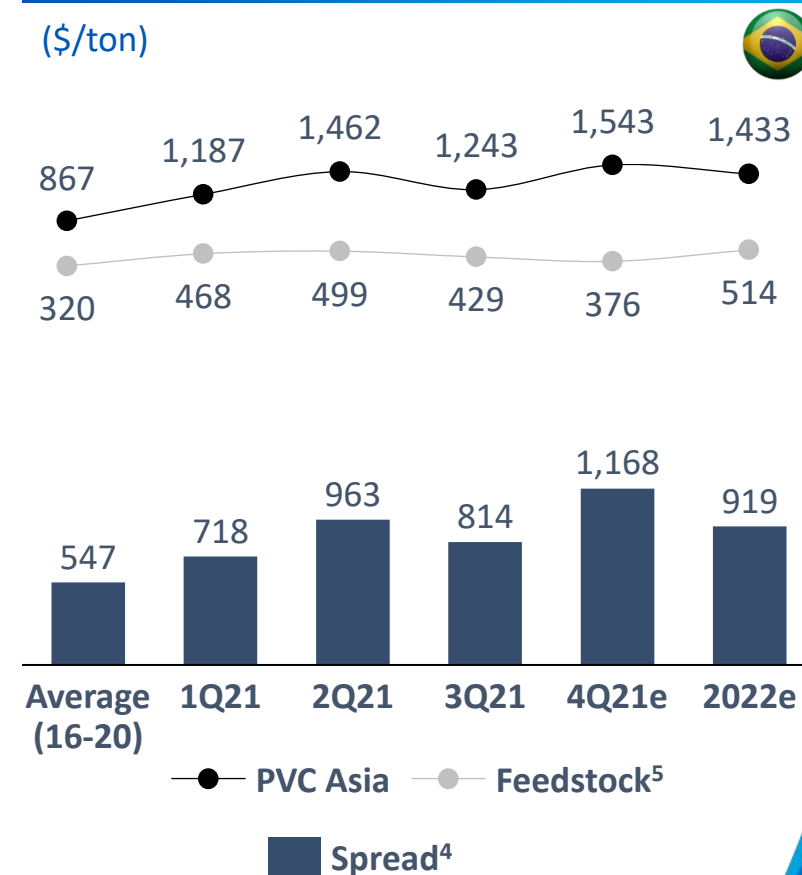
PE US – Ethane US Spread¹

(\$/ton)



PVC Spread – Spread Par¹

(\$/ton)



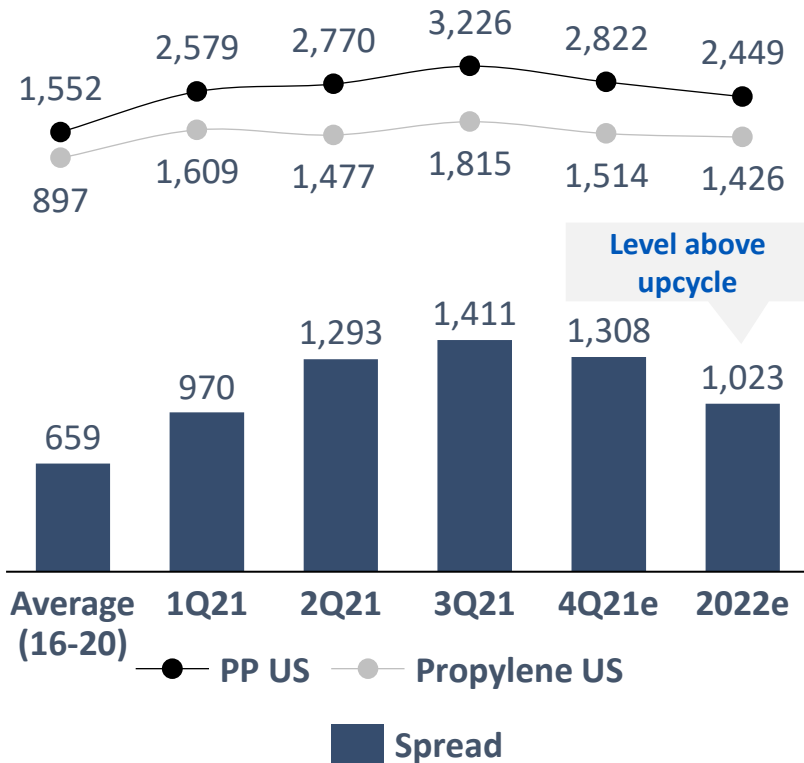
According to the latest forecasts of external consultants, PE spreads (naphtha and gas-based) should remain at levels above the recent historical average (2016-20) in 2022

Note (1) External Consultants. Note (2): Brazil USG PE Mix = 0.3*US LDPE + 0.3*US LLDPE + 0.4*US HDPE. Note (3): Mexico USG PE Mix = 0.286*US LDPE + 0.714*US HDPE. Note (4): Par Spread: Asia PVC + (0.685*USG Caustic Soda) – (0.48*NWE Ethylene) – (1.75/1.725*Brent bbl). Note (5): Considers caustic soda processing as feedstock reducer.

Petrochemical Scenario – PP

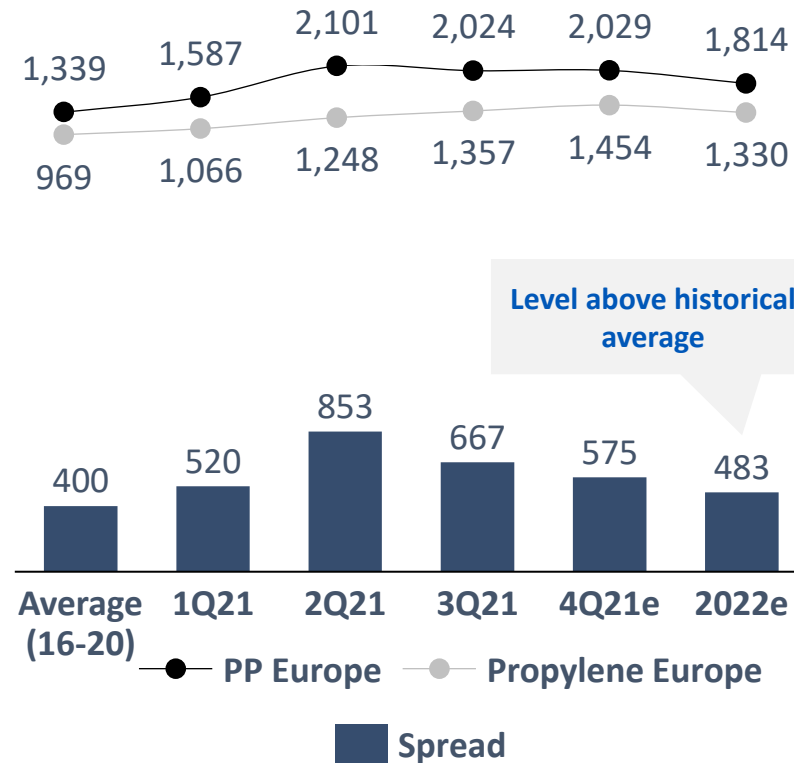
PP US – Propylene US Spread¹

(\$/ton)



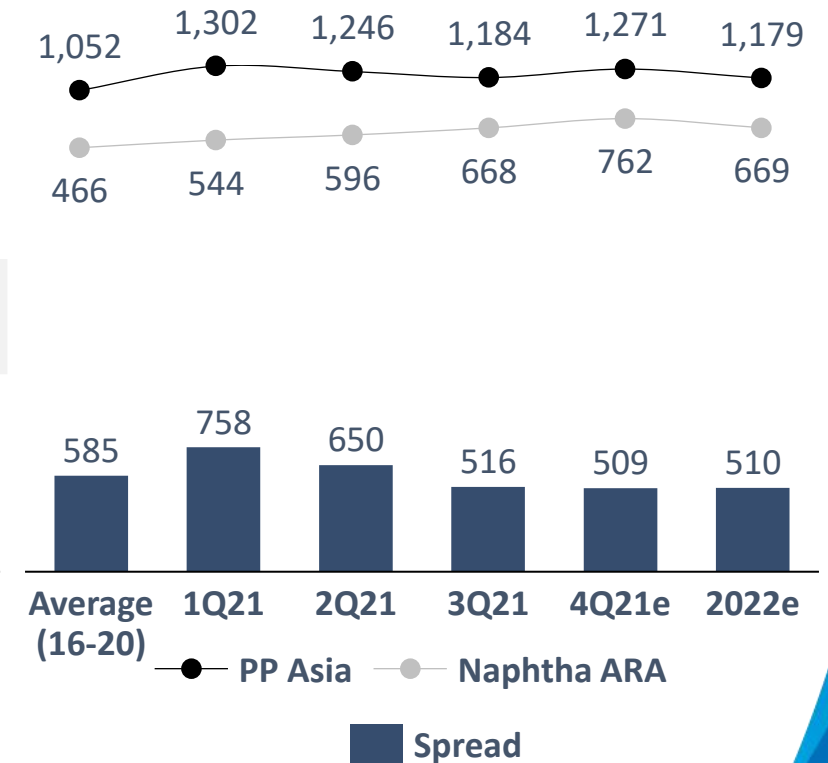
PP Europe – Propylene Europe Spread¹

(\$/ton)



PP Asia - Naphtha ARA Spread¹

(\$/ton)



According to the latest forecasts of external consultants, US PP-Propylene spreads should remain at levels above the recent historical average (2016-20) in 2022

Note (1) External Consultants.

Braskem Outlook | 4Q21 vs. 3Q21



Brazil



United States



Europe



Mexico

Utilization Rate

Expected increase in ethylene production, with restarting of feedstock supply in Rio de Janeiro

PP production should be impacted by the scheduled maintenance shutdown at one of the country's plants

Similar trend for PP production, with PP production in the region already at healthy levels

PE production should be impacted by the scheduled maintenance shutdown

Sales Volume¹

Despite the lower seasonality, higher total sales volume and maintenance of strategy to prioritize sales to Brazil and SAM³

PP sales volume should remain in line, despite lower production in the period

PP sales volume should remain stable, given the product's continued supply

Maintenance of PE sales volume, given the supply of product in inventory built up over recent months

Petrochemical Spreads²

PE-Naphtha spreads remain at levels above the recent historical average (2016-20). PP and PVC spreads should widen

US PP-Propylene spreads should remain at levels above the recent historical average (2016-20)

Narrowing of PP-Propylene spread in Europe due to region's higher feedstock price, affected by higher oil and naphtha prices in international market

PE-Ethane spreads in USA should remain at levels above recent average (2016-20)

Increase

Stable

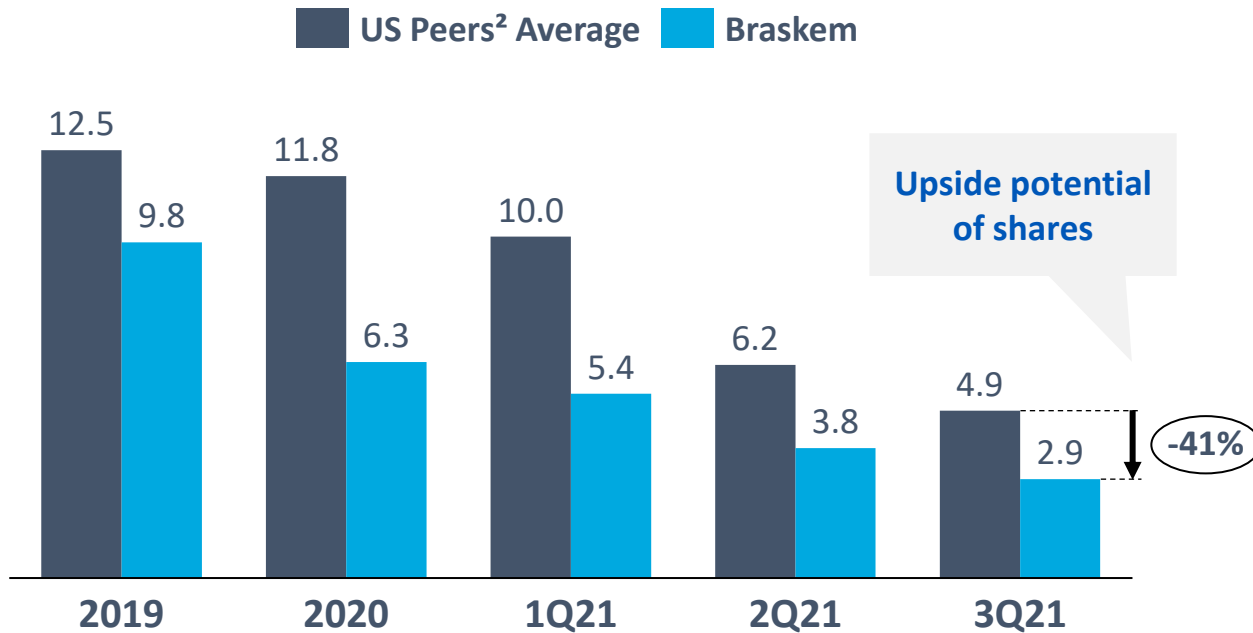
Decrease

Note (1): Braskem Outlook. Note (2): Forecasts of external consultants. Note (3): SAM: South America.

Braskem remains an interesting investment opportunity in the global petrochemical industry

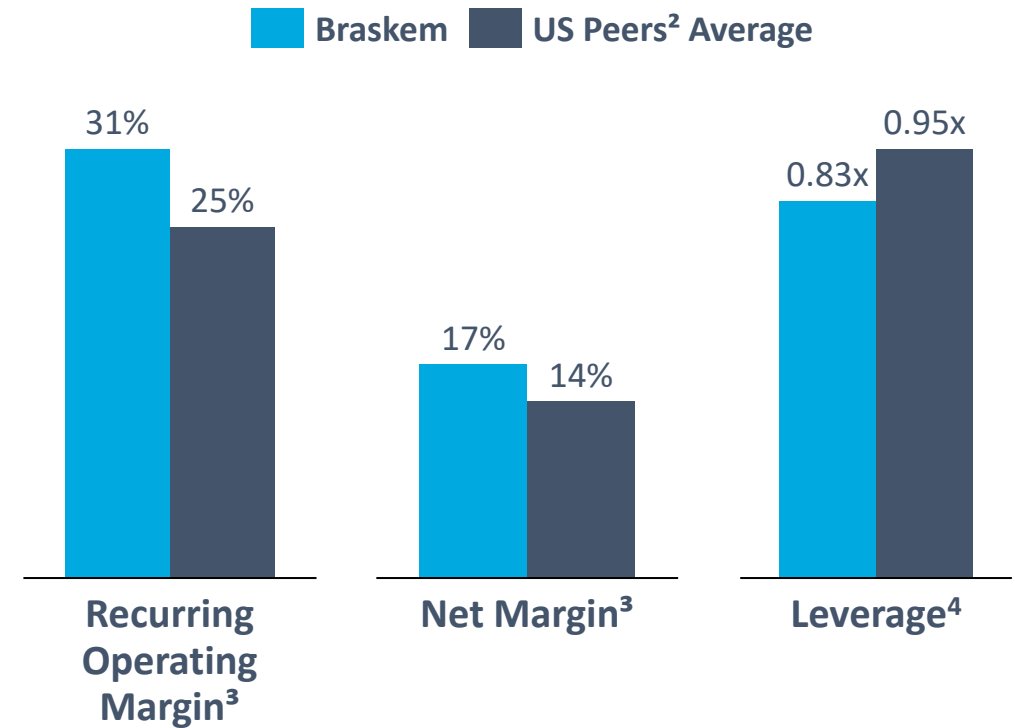
Multiple EV/Recurring Operating Result LTM¹

A lower multiple could indicate that a stock is an interesting investment opportunity in its industry



Comments:

- In 2021, Braskem reported profitability and credit indicators above the average of its US peers



Despite all Braskem's advances over recent years, its multiple remains below that of peers

Source: Braskem and Bloomberg. Note (1): Last 12 months. Note (2): LyondellBasell, Dow and Westlake. Note (3): Considers results in the year to September. Note (4): Considers the Recurring Operating Results of the last twelve months.

We remain focused on 6 main objectives for 2021

1	GEOLOGICAL PHENOMENON IN ALAGOAS	<ul style="list-style-type: none">Continue the advances related to the geological phenomenon in Alagoas	
2	BRASKEM IDESA	<ul style="list-style-type: none">Expand the ethane import operation and negotiate definitive agreement with PEMEX	
3	CAPITAL ALLOCATION / FINANCIAL HEALTH	<ul style="list-style-type: none">Ensure the Company's continued financial health, risk management and disciplined capital allocation	
4	IMAGE & REPUTATION	<ul style="list-style-type: none">Strengthen Braskem's image and its recognition from employees, clients, suppliers, investors and the general public	
5	INNOVATION & DIGITAL TRANSFORMATION	<ul style="list-style-type: none">Increase efficiency in innovation and accelerate digital transformation	
6	ESG¹ POSITIONING	<ul style="list-style-type: none">Move forward in implementation of our ESG commitments	

Safe operations are and always will be a focus of Braskem's operations, as a PERMANENT AND NONNEGOTIABLE VALUE OF OUR STRATEGY

Thank you!

