

BRASKEM DAY 23



FORWARD-LOOKING STATEMENTS

- ▶ This presentation may contain forward-looking statements. These statements are not historical facts, but rather are based on the current view and estimates of the Company's management regarding future economic and other circumstances, industry conditions, financial performance and results, including any potential or projected impact regarding the geological event in Alagoas and related legal procedures on the Company's business, financial condition and operating results. The words "project," "believe," "estimate," "expect," "plan", "objective" and other similar expressions, when referring to the Company, are used to identify forward-looking statements. Statements related to the possible outcome of legal and administrative proceedings, implementation of operational and financing strategies and investment plans, guidance on future operations, the objective of expanding its efforts to achieve the sustainable macro objectives disclosed by the Company, as well as factors or trends that affect the financial condition, liquidity or operating results of the Company are examples of forward-looking statements. Such statements reflect the current views of the Company's management and are subject to various risks and uncertainties, many of which are beyond the Company's control. There is no guarantee that the events, trends or expected results will actually occur. The statements are based on various assumptions and factors, including, but not limited to, general economic and market conditions, industry conditions and operating factors, availability, development and financial access to new technologies. Any change in these assumptions or factors, including the projected impact from the joint venture and its development of technologies, from the geological event in Alagoas and related legal procedures and the unprecedented impact on businesses, employees, service providers, shareholders, investors and other stakeholders of the Company could cause effective results to differ significantly from current expectations. For a comprehensive description of the risks and other factors that could impact any forward-looking statements in this document, especially the factors discussed in the sections, see the reports filed with the Brazilian Securities and Exchange Commission (CVM). This presentation does not constitute any offer of securities for sale in Brazil. No securities may be offered or sold in Brazil without being registered or exempted from registration, and any public offer of securities carried out in Brazil must be made through a prospectus, which would be made available by Braskem and contain detailed information on Braskem and its management, as well as its financial statements.
- ▶ This presentation was updated as of November 28, 2023, and Braskem does not assume any obligation to update it in light of new information and/or future developments.
- ▶ Braskem undertakes no liability for transactions or investment decisions made based on the information in this presentation.

AGENDA

TIME (BRT)	PRESENTATIONS	PRESENTERS
11:00 am – 11:10 am	Opening	Roberto Bischoff
11:10 am – 12:00 am	Business Units	
11:10 am – 11:30 am	Brazil/South America	Edison Terra & Isabel Figueiredo
11:30 am – 11:40 am	USA & Europe	Stefan Lepecki
11:40 am – 11:50 am	Mexico	Stefan Lepecki
11:50 am – 12:00 am	Green PE	Walmir Soller
12:00 am – 12:10 am	Alagoas Geological Event	Pedro Freitas
12:10 am – 12:30 am	Financial Results	Pedro Freitas
12:30 am – 12:45 am	Corporate Strategy	Rosana Avolio
12:45 am – 12:50 am	Final Remarks	Roberto Bischoff
12:50 am – 13:20 am	Q&A	Everyone

OPENING

Roberto Bischoff
CEO

BRASKEM IN NUMBERS

GLOBAL COMPANY:

> **40** INDUSTRIAL UNITS IN 4 COUNTRIES
 > **14** COMMERCIAL OFFICES
LATAM, NAM, Europe and Asia
 > **70** COUNTRIES
 CLIENTS IN MORE THAN

LEADER IN THE REGIONS WHERE IT OPERATES:

> **#6** LARGEST PRODUCER IN PE, PP AND PVC
 > **#1** PRODUCER PE, PP AND PVC IN THE AMERICAS
 #1 PP Producer in North America
 #1 PE, PP and PVC Producer in Latin America

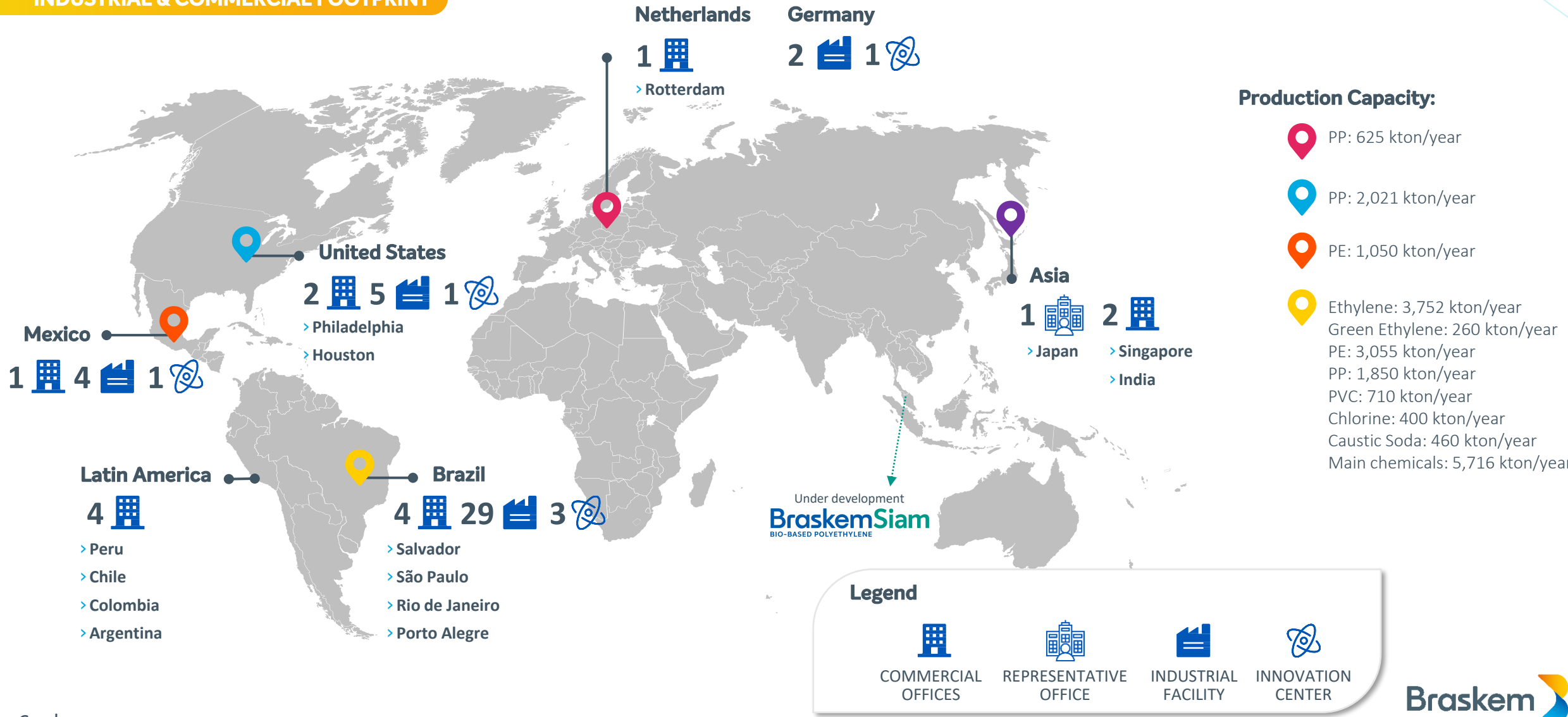
EFFICIENT CAPITAL ALLOCATION:

Recurring EBITDA
 > **US\$2.8** BILLION
 (cycle average)¹
 Operating cash generation²
 > **US\$2.1** BILLION
 (cycle average)¹



GLOBAL COMPANY

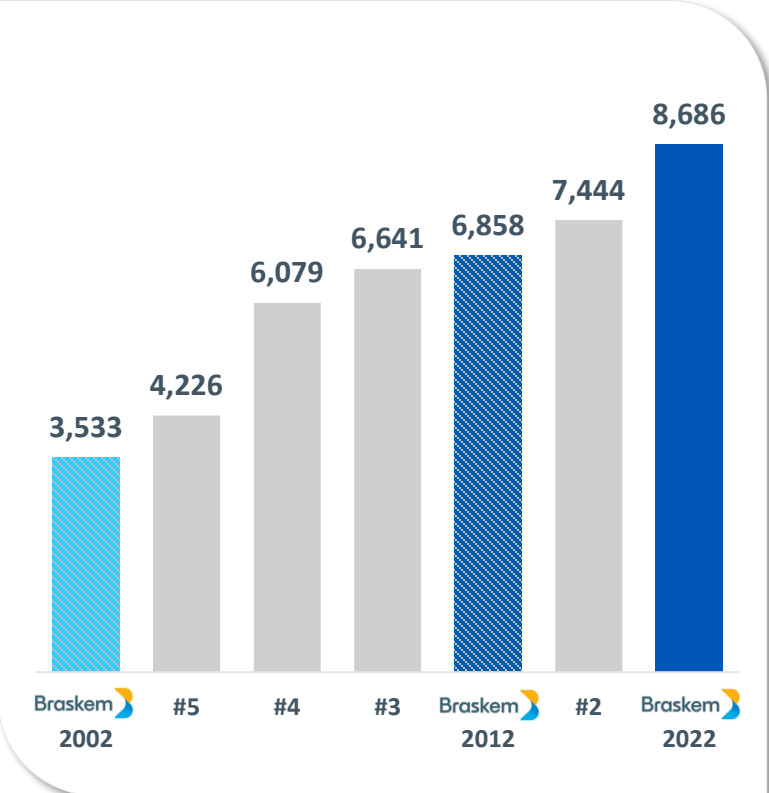
INDUSTRIAL & COMMERCIAL FOOTPRINT



LEADER IN AMERICAS

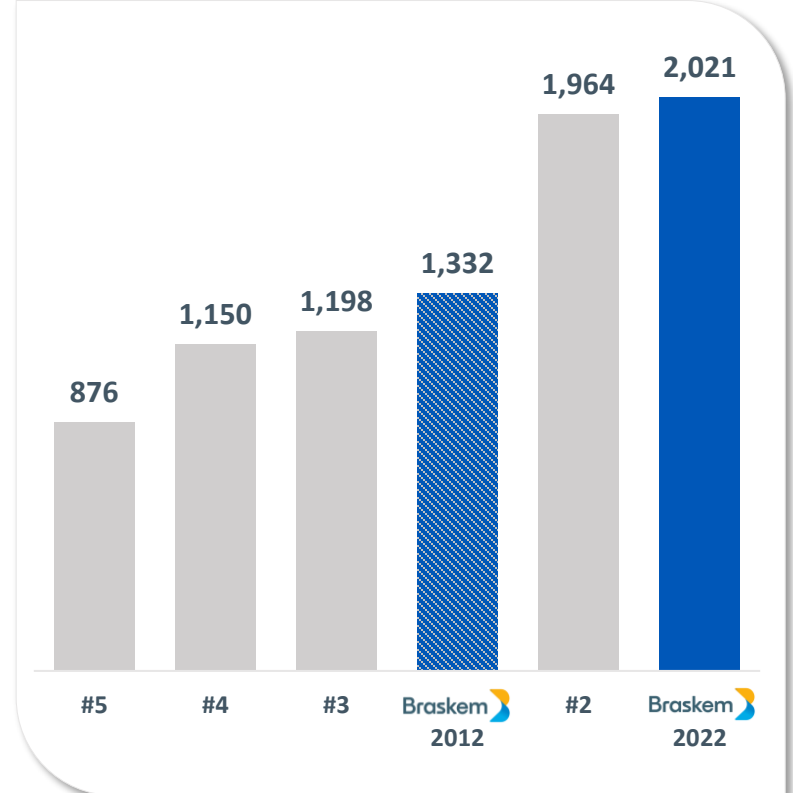
#1 PE + PP + PVC Producer in the Americas

Production capacity in kton/year



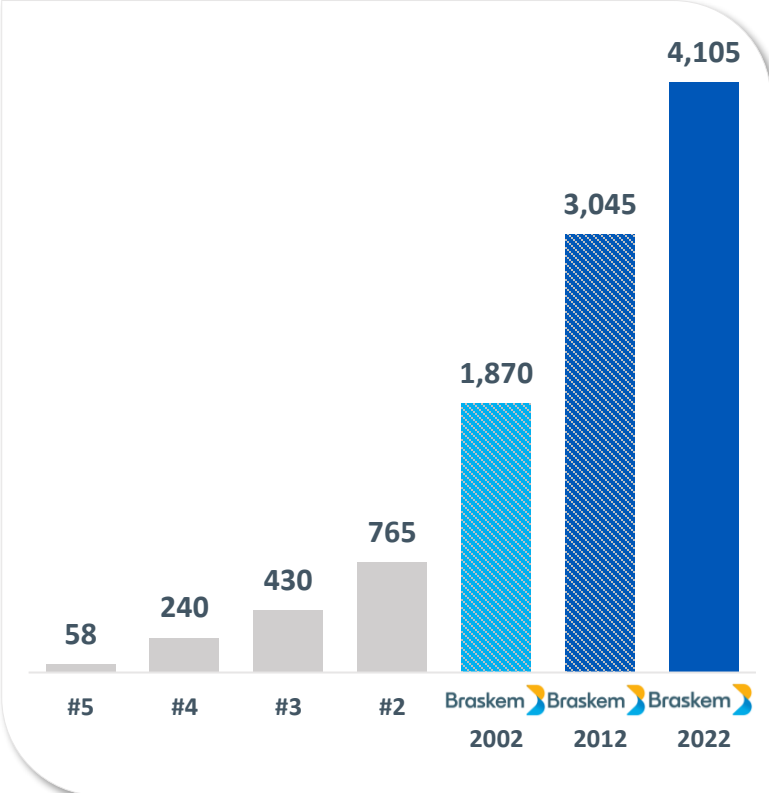
#1 PP Producer in North America

Production capacity in kton/year



#1 PE Producer in Latin America

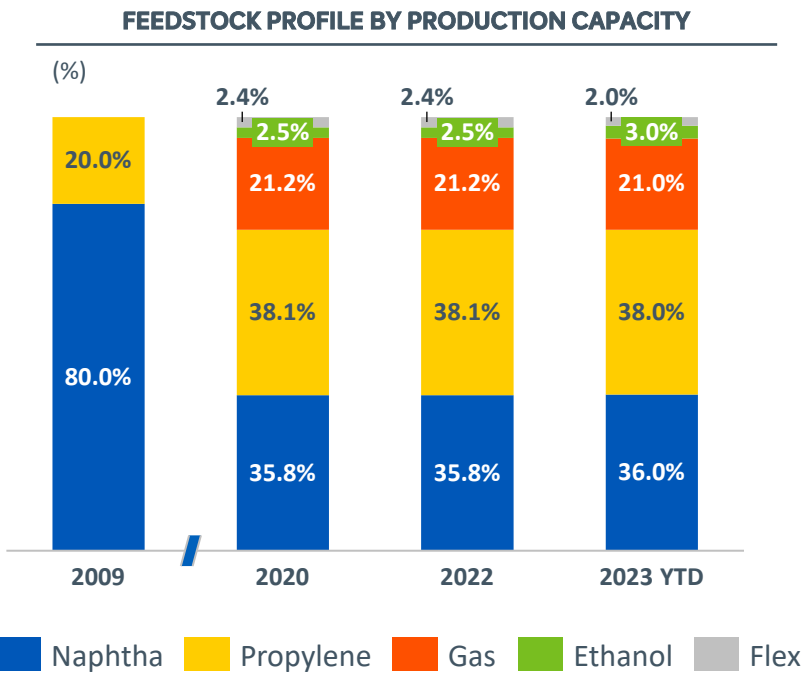
Production capacity in kton/year



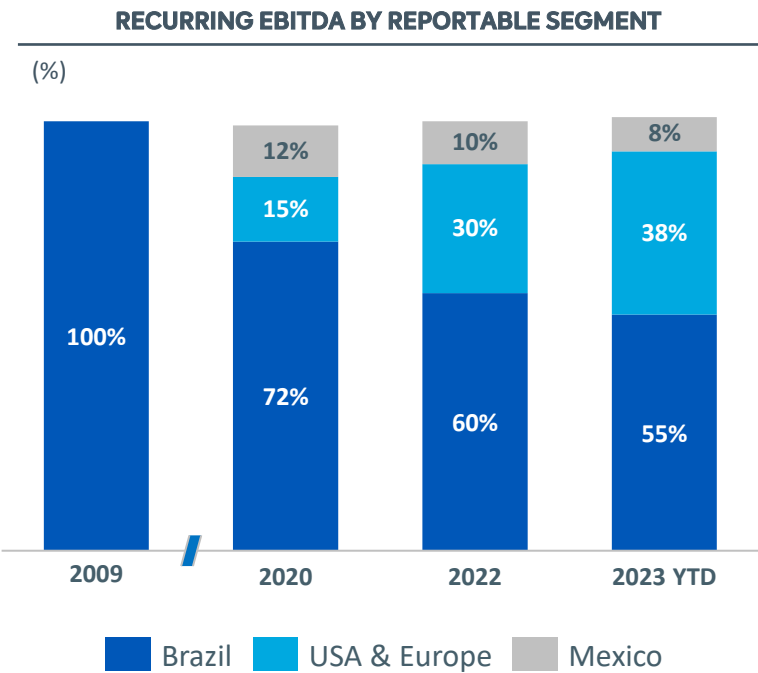
Leadership and scale in the petrochemical sector are fundamental to ensuring efficiency and profitability

RISK MITIGATION STRATEGY THROUGH DIVERSIFICATION

Feedstock: higher exposure to competitive feedstock



Geography: less exposure to a particular economy



Portfolio: more than 100 products¹ including commodities and specialties



Resins: PE, PP and PVC



Olefins and Aromatics: Ethylene, Propylene, Butadiene, Butene, Benzene, Cumene, Ortho-xylene, Paraxylene



I'm green™ bio-based:

- PE bio-based
- EVA bio-based
- PE Wax bio-Based



Specialties: Hydrocarbon Resins (Unilene®), PIB, Heavy Olefins (Nonene and Tetramer), Isoprene and C5s chains, Waxes

The diversification strategy allows Braskem to mitigate volatility risks during cycles

SOLID FOUNDATION THAT ENABLES GROWTH

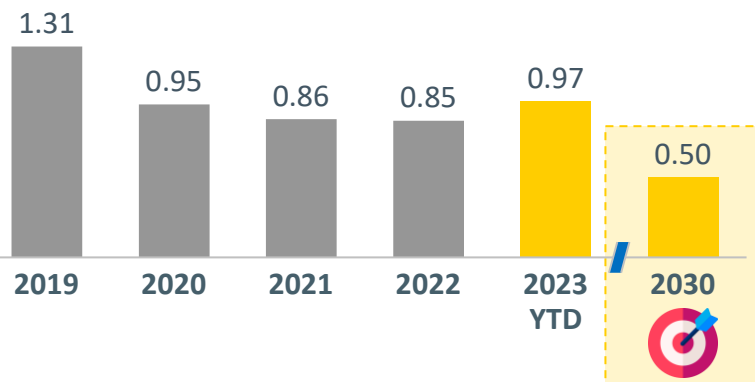


SAFETY

Safe operations as a **PERMANENT AND NON-NEGOTIABLE VALUE**

Accident rate with and without lost time

(1MM/HHT)



Performance consistently higher than the sector average, which is 3.25, according to ACC¹, per million of hours worked



PEOPLE

A **human-centered company** that promotes diversity, inclusion and human rights

Value proposition

- Encourage connection and knowledge exchange
- Encourage each member to be a protagonist
- Spirit of serving
- Support the communities around you

Management with extensive operational experience, knowledge of petrochemical markets and M&A history that supported Braskem's global expansion



GOVERNANCE

Governance and compliance in line with **best market practices**

Main highlights

- Meets B3 requirements for Level 1 and several Level 2 and Novo Mercado requirements
- Maintenance of ISO 37001 since 2021
- Completion of monitoring of the Company's Compliance System by CGU², AGU³, MPF⁴, DoJ⁵ and SEC⁶

Robust and independent compliance system, with governance in line with best practices

CORPORATE STRATEGY FOCUSED ON GROWTH THROUGH ITS AVENUES AND VALUE CREATION

STRATEGIC PILLARS

Productivity and Competitiveness

Drive toward top quartile focusing on decarbonization initiatives and high value investments

Sustainability

Be a reference in the global chemical and plastics sector in sustainable development

Growth & Diversification

Increase diversification in bio and circular feedstock and products

Innovation

Deliver high value sustainable solutions through chemical and plastic innovation

GROWTH AVENUES

Traditional Business

- Growth through high value investments
- Decarbonize current assets

➤ GOAL: to reach carbon neutrality by 2050 and to reduce 15% in scope 1 and 2 GHG emissions by 2030

Bio-based

- Grow Bio-based resins and chemicals products
- Increase use of bio-based feedstocks

➤ GOAL: expansion of our Green products production capacity to 1 million tons by 2030

Recycling

- Grow circular products capacity (mechanical recycling)
- Increase use of circular feedstocks (advanced recycling)

➤ GOAL: Grow to 1 million tons of resins and chemicals with recycled content by 2030

FOUNDATION

SAFETY

PEOPLE

GOVERNANCE



Shareholders Value Creation

- Continue to balance our capital allocation, returning value to shareholders over the cycle while investing in our business and its growth opportunities, generating positive impact for all stakeholders

BRAZIL **SEGMENT**



Edison Terra

Vice-President of Olefins & Polyolefins South America (SAM)

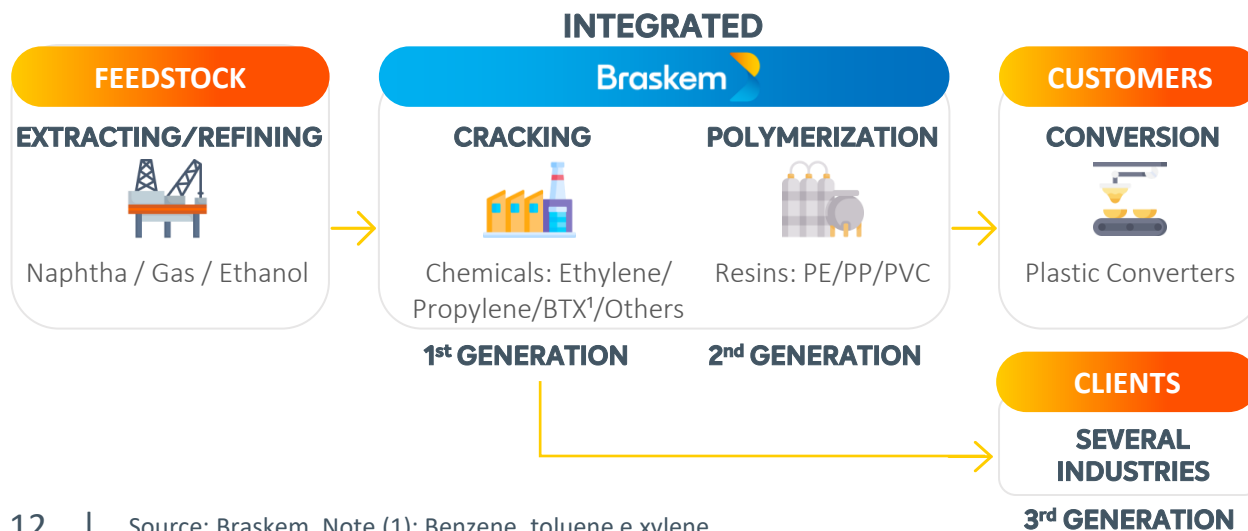
Isabel Figueiredo

Vice-President of Vinyls & Specialties

Braskem is the largest petrochemical company in South America, with 29 industrial units located in 5 states

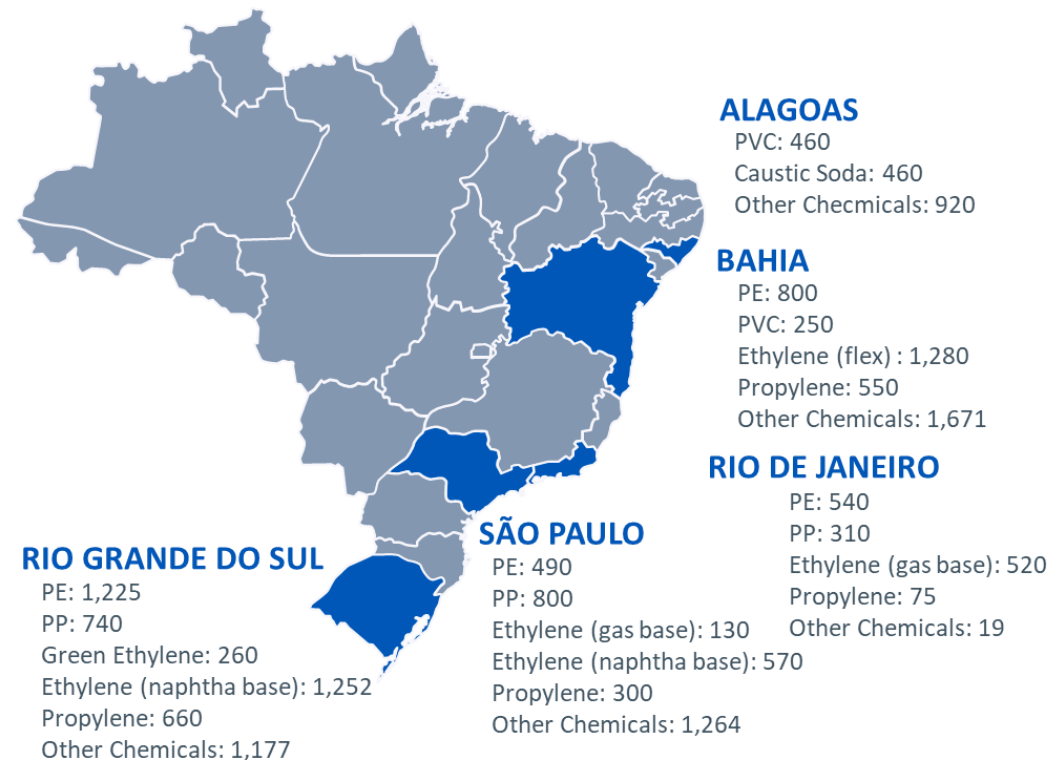
BUSINESS MODEL – BRAZIL/SOUTH AMERICA

- ▶ Integrated petrochemical in the production of resins (PE, PP and PVC), Caustic Soda and various other chemical products, ensuring greater operational efficiency
- ▶ Exposure to different types of feedstock, such as naphtha, ethane, propane, propylene, HLR and ethanol
- ▶ The segment is formed by two integrated business units
 - ▶ Olefins & Polyolefins
 - ▶ Vinyls & Specialties



GEOGRAPHIC DISTRIBUTION & PRODUCTION CAPACITY

Production capacity in kton/year



29 INDUSTRIAL UNITS

Scale, leadership and access to different types of feedstocks are differentiators of the Brazil segment

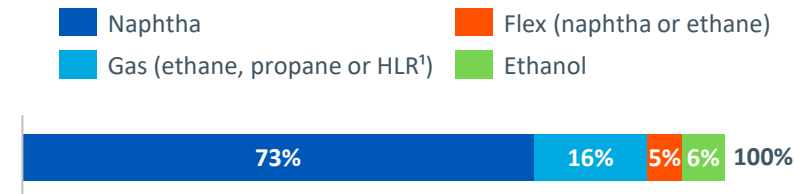
Differentials of Brazil Segment

-  Leadership in the Brazilian market
-  The only integrated petrochemical in Brazil
-  Exposure to different feedstocks
-  Close and differentiated relationship with customers
-  Export capacity
-  Scale

Leader in all its segments in Brazil, with a broad product portfolio, exposure to different feedstocks, and a close relationship with its customers

- Leadership in all its segments in Brazil
- Integrated petrochemical industry with a large portfolio
- Exposure to different feedstocks

ETHYLENE PRODUCTION CAPACITY IN BRAZIL BY FEEDSTOCK



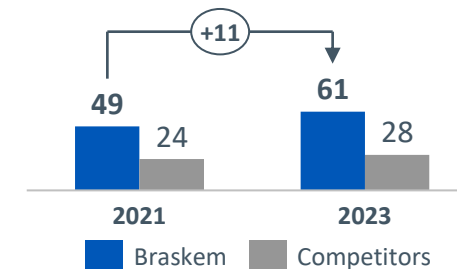
- In 2022, naphtha imports represented around 60% of total naphtha consumption in the period, with more than 20 suppliers

- Optimized export capacity with opportunities in other regions through commercial presence outside the country

- Differentiated customer relationship

- Level of recommendation (NPS) increasing and higher than competitors

NPS SURVEY WITH BRAZILIAN CUSTOMERS²



MAIN DIFFERENTIALS:

- ✓ Product
- ✓ Commercial service
- ✓ Technical Support (TS&D³)
- ✓ Local presence

- Partnerships with customers to develop innovative applications and new markets

WINNING PARTNERSHIPS OF THE PACKAGING BIG CASES AWARD 2023



with Wenew PCR resin



with Wenew PCR resin

Developed in **CAZOOLO** empowered by Braskem

OLEFINS & POLYOLEFINS

1st GENERATION

OLEFINS

Ethylene

Propylene

Butadiene

Butane

+ others

AROMATICS

Benzene

Cumene

Paraxylene

Ortho-xylene

+ others

Production capacity

~7,380 kton/year

2nd GENERATION

POLYMERS

PE

PP

EVA

Production capacity

5,615 kton/year

The Olefins & Polyolefins business supplies several segments and has a structuring effect in the economy...

NON-EXHAUSTIVE

Olefins & Aromatics are produced in the 1st generation, and are partly sold to other industry segments

Olefins

Ethylene

packaging, construction, hygiene and cleaning



Propylene

automotive, construction, personal care



Benzene

household appliances, hygiene and cleaning



Aromatics

Butadiene

automotive and footwear



Cumene

construction and automotive



Paraxylene

packaging and textiles



Polyolefins are produced in the 2nd generation and are used in several sectors to produce everyday products

Health

Prostheses, implants, medical devices, plastic diapers and materials for vaccines and medicines



Packaging and consumer goods

Rigid and flexible packaging for food and consumer goods, such as furniture and household items



Housing, infrastructure, water and sanitation

Production of furniture, household appliances, water pipes, containers, boxes, adapters and industrial tanks



Mobility

Car parts such as bumpers, glove compartments, air intake ducts, trunks, roofs, headlights and lanterns



Agriculture and food

Packaging for fruit and vegetables, beverages, grains, irrigation equipment and agricultural production support

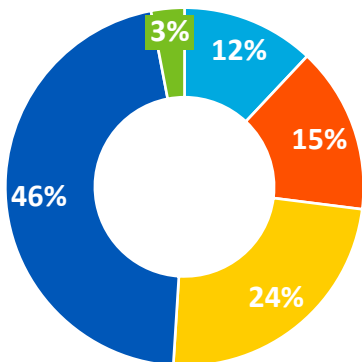


... and reducing its exposure of sales volume to a particular sector

OLEFINS & AROMATICS BUSINESS

PRODUCT SALES BY SEGMENT

(2022 – in % of sales volume)



PLASTICS & FIBERS

Packaging, Construction, Appliances, Agro, Synthetic Fibers and Automotive

CHEMICALS

Epoxy, Nylon, Coatings, Lubricants, Surfactants, Cleaners and Water Treatment

ELASTOMERS

Automotive Tires, Household Utilities, Hospitality and Footwear

EXPORTS

Propylene, Benzene, Butadiene, Ortho-xylene, Paraxylene and Pygas

UTILITIES

Steam, Electricity, Water, Compressed Air and Hydrogen

~US\$7.4 bi

Revenue¹

~13%

EBITDA Margin¹

~40%

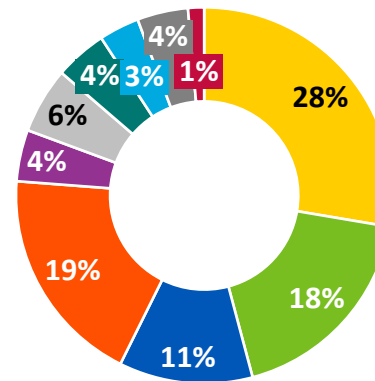
of Brazil's EBITDA¹

POLYOLEFINS BUSINESS

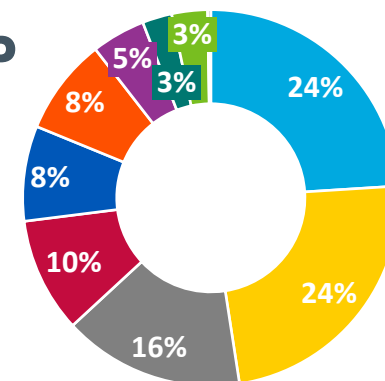
SALES BY ECONOMIC SECTOR

(2022 – in % of sales volume)

PE



PP



■ Consumer goods ■ Automotive ■ Cosmetic and Pharmaceutical ■ Infrastructure
■ Food ■ Retail Business ■ Construction
■ Agricultural Sector ■ Others ■ Industrial

~US\$5.6 bi

Revenue¹

~16%

EBITDA Margin¹

~40%

of Brazil's EBITDA¹

O&P's strategic focus for the short term is to strengthen operational efficiency, while growth initiatives are implemented

EFFICIENCY INITIATIVES

PRODUCT PORTFOLIO OPTIMIZATION

- ▶ Increasing participation in higher value-added markets by reviewing the product portfolio and discontinuing obsolete products

COST STRUCTURE OPTIMIZATION

- ▶ Reducing fixed and variable costs by renegotiating contracts with suppliers

OPTIMIZING PROCESSES

- ▶ Using data analytics and automation to improve logistics processes, optimize production and the complete cycle from order to payment

GROWTH AVENUES

DECARBONIZATION PROGRAM

- ▶ Implementing the Decarbonization Program's prioritized initiatives to reduce the Company's CO₂e emissions with a positive NPV

DIVERSIFICATION OF FEEDSTOCKS AND EXPANSION

- ▶ Diversifying Brazil's feedstock profile by increasing the share of ethanol and developing new sources of ethane and propane, enabling capacity expansion

CAPTURE OPPORTUNITIES BY EXPANDING THE PORTFOLIO OF RENEWABLE OLEFINS AND POLYOLEFINS

- ▶ Developing new molecules, technologies and ongoing projects that will expand Braskem's portfolio of olefins and polyolefins of renewable source

The higher availability of competitive feedstock in Brazil will enable investments to increase production capacity in the country

- ▶ Rio de Janeiro Petrochemical Complex (RJ): its industrial design was developed with the **possibility of expanding its capacity by 42%**
- ▶ Estimated CAPEX to the expansion: ~US\$500-600 million
- ▶ The investment decision to expand the petrochemical complex in Rio de Janeiro will be **based on the greater availability of feedstock (ethane and propane)**
- ▶ The RJ complex is Braskem's most competitive in Brazil, with the **highest utilization rate compared to other crackers in the country for the 8th consecutive quarter²**



Petrochemical Complex in Rio de Janeiro, Duque de Caxias

Braskem reinforces its commitment with strengthening the chemical industry and the plastics chain in Brazil, increasing its competitiveness in the local and international markets

VINYLS & SPECIALTIES

1st GENERATION, INTERMEDIARIES, 2nd GENERATION

VINYLS

PVC

Caustic Soda

Hypochlorite

Hydrochloric acid

+ others

FUELS

Gasoline A

Gasoline Premium

EBTE / MTBE

Special Butane

Special Propane

LPG

+ others

SOLVENTS

Toluene

Xylene

Pluract™

Turpentine

Ezolem™

+ others

SPECIALTIES

PIB

Unilene®

Isoprene

DCPD

Piperylene

Nonene and Tetramer

Green PE Wax

+ others

Production capacity

~2,800 kton/year

The Vinyls & Specialties business produces a portfolio with specific applications for different market segments

Vinyls & Specialties products are separated into four categories and serve different segments

NOT
EXHAUSTIVE

Vinyls



CONSTRUCTION



FASHION



MEDICAL
AREA



HOSES, WIRE AND
CABLES



PULP AND
PAPER



CHEMICALS

~70% of Braskem's PVC is used in the construction segment

Fuels



AUTOMOTIVE
GASOLINE



BOOSTERS



PROPELLANTS



COOKING
GAS

Braskem is the 3rd largest gasoline producer in Brazil

Solvents



PAINTS AND
VARNISHES



AGRIBUSINESS



ADHESIVE



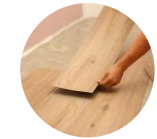
CHEMICALS

~60%¹ of Braskem's commercial portfolio is dedicated to the paints and varnishes segments

Specialties



PAINTS AND
VARNISHES



COATINGS AND
ADHESIVE



LUBRICANTS



COSMETICS



RUBBER,
TIRES AND SOLES
SHOE



DETERGENTS

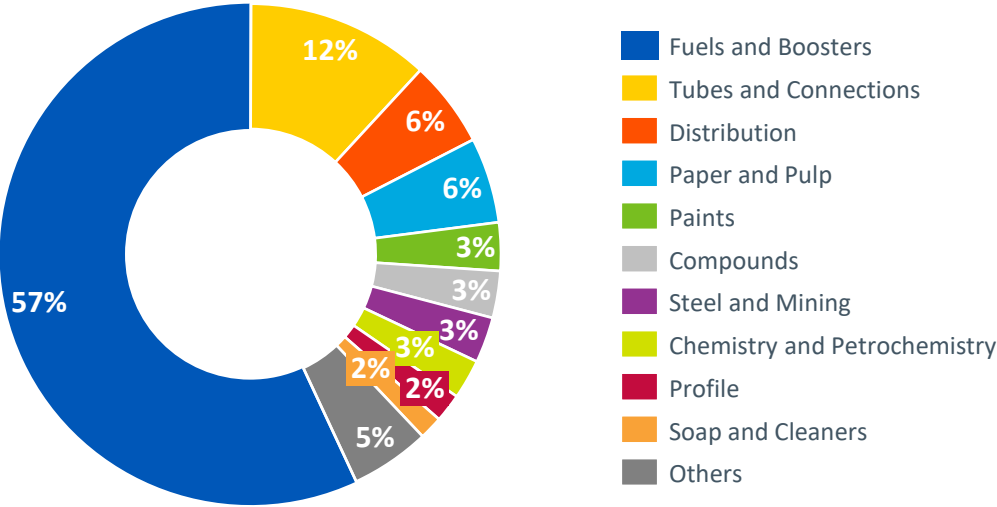
Global presence in more than 40 countries

The large V&S portfolio contributed significantly to the diversification and resilience of the Company’s portfolio profitability

VINYLS & SPECIALTIES BUSINESS

SALES BY ECONOMY SECTOR

(2022 – in % of sales volume)

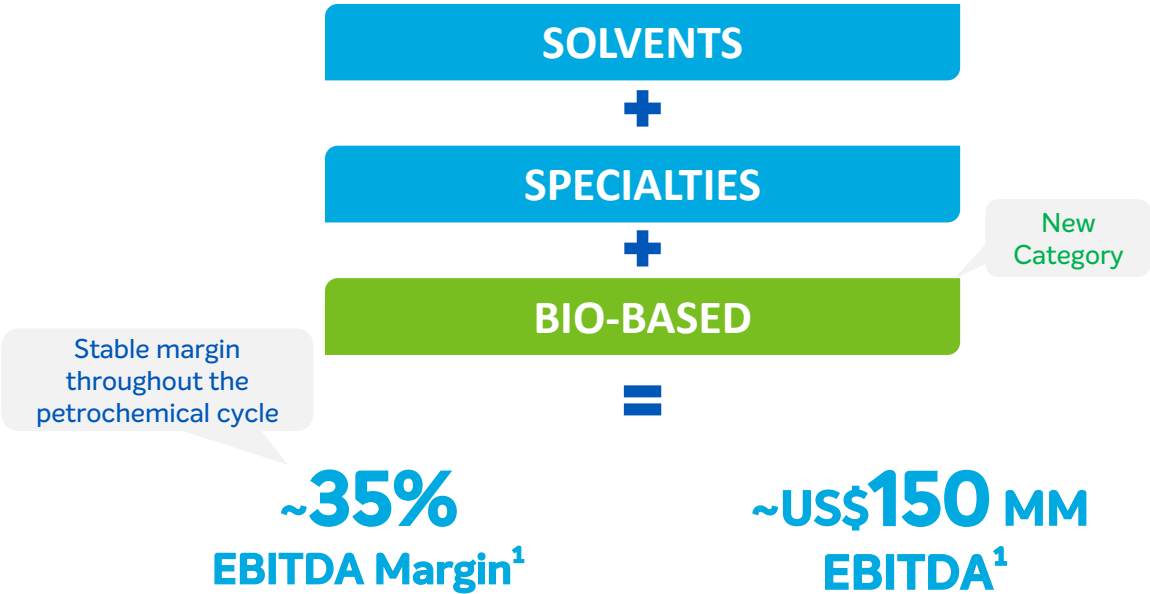


US\$2.4 bi
Revenue¹

~13%
EBITDA Margin¹

~15%
of Brazil EBITDA¹

CONSISTENT PROFITABILITY THROUGH THE CYCLE



The portfolio diversification is one of Braskem’s strategic pillars

Innovation and Sustainability are part of the Vinyls & Specialties business and its broad product portfolio

RECENT RELEASES

WOOD FROM PVC AND RICE HUSKS

- Rice husk and PVC are the basis of the innovative Resysta® formula
- Developed with German technology, it is **100% recyclable** and has the **look and feel of natural wood**
- With a high level of resistance, durability, and quality product



FURNITURE



DECKS



FACADES

among other applications

POLYETHYLENE WAX FROM RENEWABLE SOURCE



- World's first PE wax from a renewable source
- Produced from sugarcane ethanol, the new solution offers a smaller **CO2 footprint**, is **recyclable**, and has a multi-market application
- Used as a viscosity modifying agent in several formulations, it **has the same properties and performance as the version made with PE of fossil origin**
- Directed to the production of adhesives, pigments, cosmetics, coatings and other compounds used in thermoplastic resin transformation processes



Vinyls & Specialty concentrations are in efficiency associated with expansion of the product portfolio with resilient margins and market development

EFFICIENCY INITIATIVES

DEVELOPMENT / IMPROVEMENT OF TECHNOLOGIES

- ▶ Implementing technological improvements in V&S projects, focusing on maximizing business value

COST STRUCTURE OPTIMIZATION

- ▶ Reducing fixed and variable costs, through the renegotiation of contracts with suppliers and reducing logistics costs

GROWTH AVENUES

DECARBONIZATION PROGRAM

- ▶ Implementing the prioritized initiatives of the Decarbonization Program to reduce the Company's CO₂e emissions with a positive NPV

DIVERSIFICATION OF PRODUCTS AND GEOGRAPHIES

- ▶ Diversifying the product offer, prioritizing V&S projects that also bring opportunities for geographic diversification, and also considering strategic partnerships

PORTFOLIO EXPANSION

- ▶ Increasing the use of sustainable feedstock, thus expanding the offer of products from feedstocks from renewable and circular sources

Braskem is prepared to capitalize on current and future opportunities of Vinyls & Specialties

The Basic Sanitation Legal Framework should boost the demand for PVC and HDPE¹ in Brazil

- ▶ The Brazilian PVC market will have a new boost in demand growth in 2024, with the execution of works derived from the Basic Sanitation Legal Framework
- ▶ According to the target defined in PLANSAB², by 2033 the water supply network will increase by ~333 thousand km and the sewage network by ~252 thousand km
- ▶ PEAD will also play an important role in these works, with applications for water treatment and solid waste treatment through pipes, and geomembranes, among other products

To achieve PLANSAB's goals of expanding the water and sewage network, around 4.6 million additional tons of resins will be used by 2033, 98% of which will be PVC and HDPE³

The specialties have a promising future through new projects and partnerships to create value

- ▶ The Specialties business has a positive EBITDA track record, with **solid growth since 2018**, and has more than 200 clients around the world, 70% of which are abroad
- ▶ The Specialties business strategy focuses on **maximizing the value of available flows** in industrial units and on portfolio and geographic diversification
- ▶ Selection of projects that are currently under study for the possible **formation of partnerships and joint ventures** that enhance the generation of new business



USA & EUROPE SEGMENT



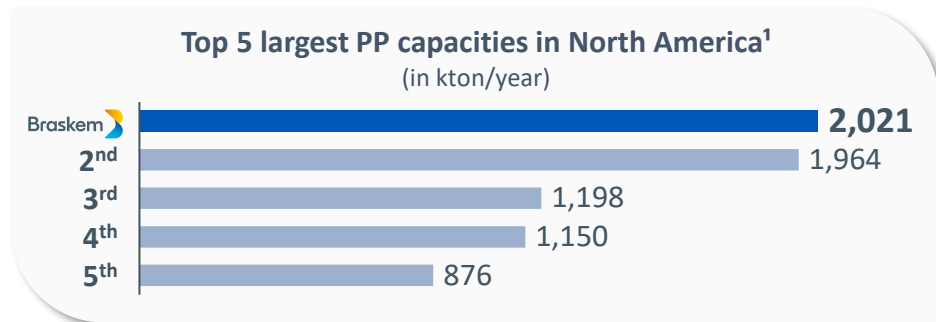
Stefan Lepecki

Braskem Idesa CEO

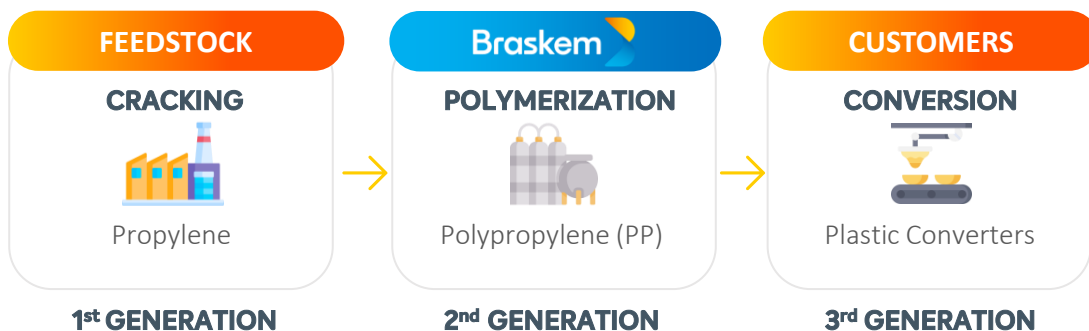
Braskem is leader in PP production in North America, besides having a PP production and a relevant commercial center in Europe

BUSINESS MODEL

- ▶ **USA:** PP plants with flexibility in purchasing feedstock
- ▶ **Largest PP producer in North America**



- ▶ **Europe:** PP plants, **export platform**, and **global logistics** for whole Braskem through the international office in Rotterdam

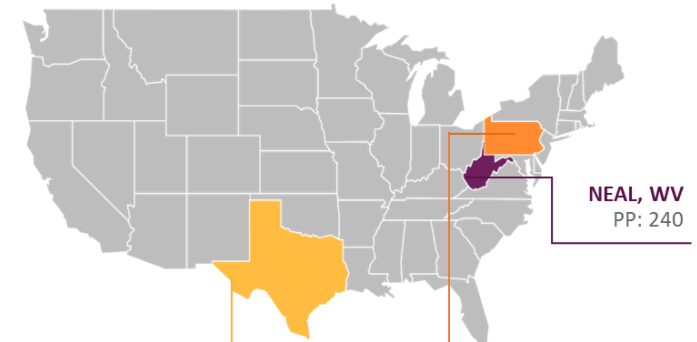


GEOGRAPHIC DISTRIBUTION & PRODUCTION CAPACITY

Production capacity in kton/year

UNITED STATES

▶ PP: 2,021



DELTA – LA PORTE, TX
PP: 450

LA PORTE, TX
PP: 354

PHILADELPHIA, PA
International Office

PITTSBURGH, PA
Innovation & Technology Center

LA PORTE, TX
Ultra-high molecular weight polyethylene plant (UTEC)

OYSTER CREEK, TX
PP: 336

MARCUS HOOK, PA
PP: 414

SEADRIFT, TX
PP: 227

EUROPE

▶ PP: 625

GERMANY
WESSELING
PP: 260

SCHKOPAU
PP 365

NETHERLANDS
ROTTERDAM
International Office

7 INDUSTRIAL UNITS

The PP business in the United States is diversified in terms of clients and suppliers, and Europe captures global synergies for whole Braskem

Differentials of USA & Europe segment



Leadership in the North American market



Flexibility when purchasing propylene in the USA



Solid and diversified customers portfolio



Solid track record of growth



Strategic located in Europe



Promotes synergy across all Braskem



Diversification of suppliers and customers, with a consistent growth track record

- Braskem began operating in the US in 2010 and has **strengthened its presence in the country through M&As and DBN's** over the last 13 years

2010

Acquisition of 3 PP plants from Sunoco

2016

DBN¹ in Marcus Hook

2011

Acquisition of 2 PP plants from Dow

2017

UTEC plant

2020

Delta Project

2012

Splitter acquisition in Marcus Hook

2020

Export Center in Charleston

- **Flexibility in feedstock purchasing** through various propylene sources, such as PDHs², refineries, and petrochemical complexes

- PP sales to more than 400 clients, **serving a wide variety of the economy sectors**, such as:

Automotive



Industrial



Packaging



Synthetic Fabrics



Besides the PP plants, the headquarter in Rotterdam acts as a commercial hub for feedstock and products

- **Feedstock integrated transport to PP plants**, through pipes connected to suppliers
- **Headquarter strategically located in Rotterdam**, which is an important hub for the global feedstock trading

5th position among 139 countries in World Bank *Logistics Performance Index* 2023

170 million of consumers within a 500km' radius

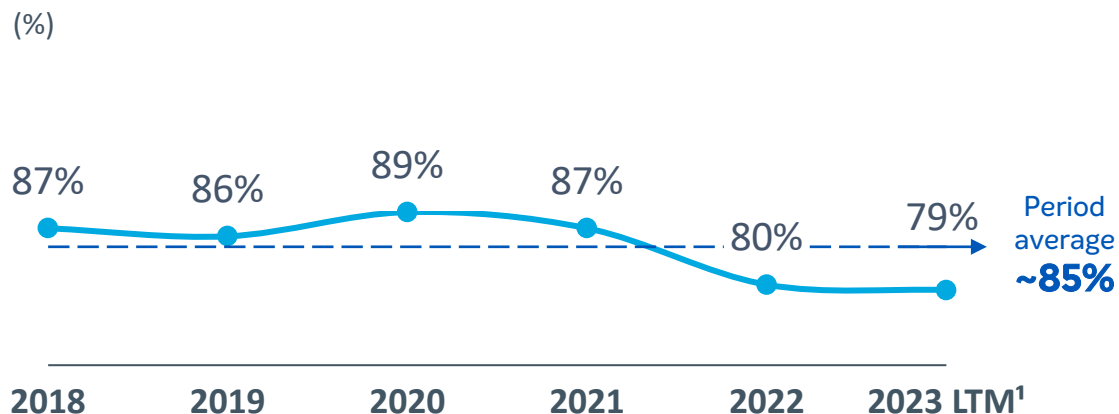
Attendance by 19 of the world's 25 biggest chemical players

It is part of the ARA port area (Amsterdam-Rotterdam-Antwerp)

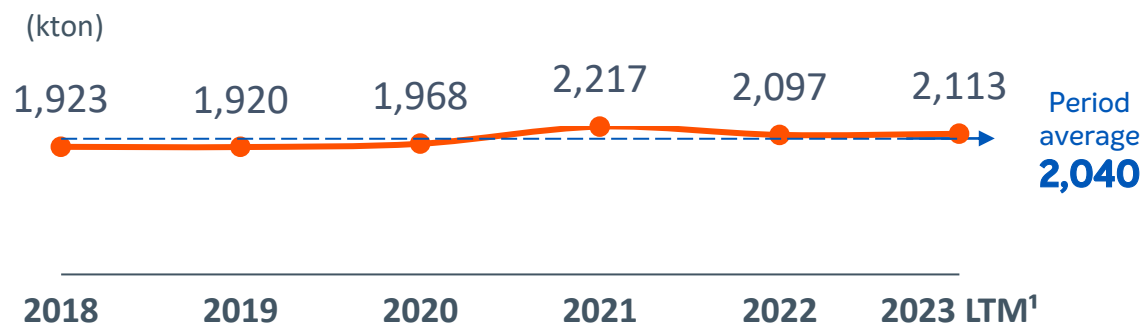
- **Global charter strategy and management** performed by Netherlands' team, **enabling synergies in an integrated global feedstock and chemicals operation**
- **Geographic proximity to the main global feedstock suppliers**, mostly based in Europe, Middle East, USA, and Africa

In this context, the USA and Europe segment makes an important contribution to the Company's consolidated results, in addition to being vehicles for Braskem's internationalization

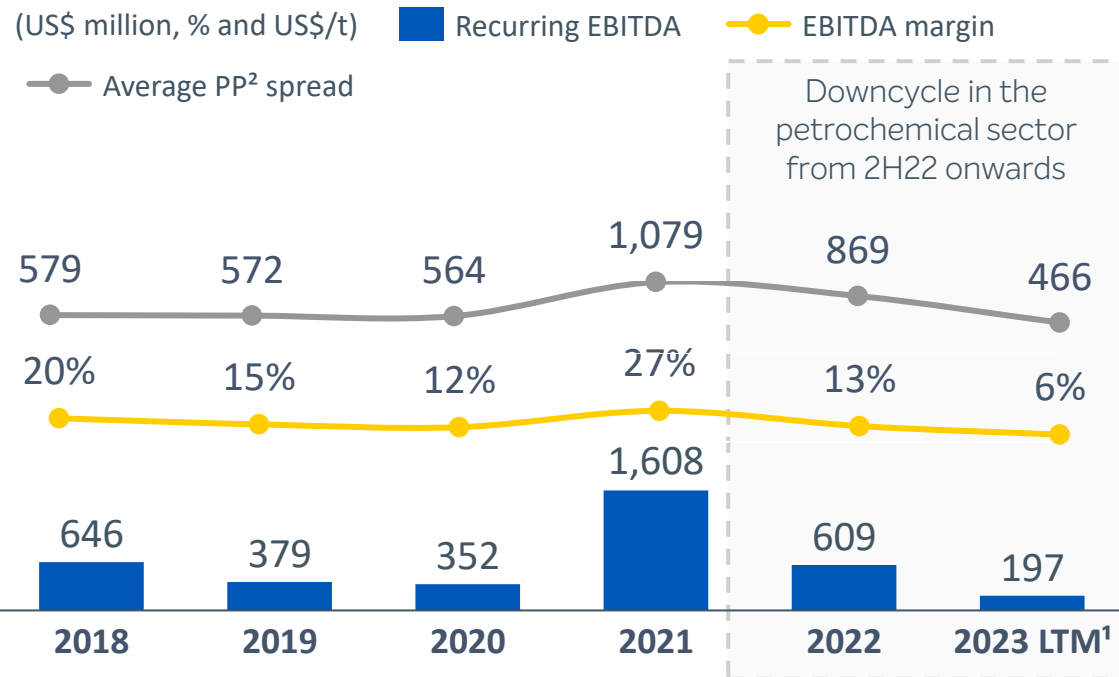
Average utilization rate of PP plants



PP Sales Volume



EBITDA and EBITDA margin



Recurring EBITDA in the USA & Europe represents ~25%³ of the consolidated Recurring EBITDA of the Company's segments

The concentrations in the USA and Europe are focused on the efficiency of the PP business, capturing global synergies and the development of new business models

EFFICIENCY INITIATIVES

STRENGTHEN THE COMPETITIVENESS OF ASSETS

- ▶ Optimizing asset portfolio and cost structures
- ▶ Seeking opportunities for strategic partnerships to create value and promote growth

DEVELOP BIOPOLYMER MARKETS

- ▶ Identifying market opportunities for the Company's renewable product portfolio

DEVELOP NEW BUSINESS MODELS

- ▶ Focusing on creating value and capturing synergies between Braskem's businesses

GROWTH AVENUES

PARTNERSHIP OPPORTUNITIES

- ▶ Developing strategic partnerships for the growth of existing and new businesses

DECARBONIZATION PROGRAM

- ▶ Continuing to implement the prioritized initiatives of the Decarbonization Program to reduce CO₂e emissions and the Company with a positive NPV

DEVELOP RENEWABLES BUSINESS

- ▶ Diversifying the bio-based portfolio through the development of Green PP
- ▶ Accelerating the development of biotechnologies at the Renewables Innovation Center in Lexington (under construction, opening in 2024)

Braskem continues to focus on implementing initiatives to increase global synergies and value creation projects



OPPORTUNITIES FOR PARTNERSHIPS AND DEVELOPMENT OF NEW PRODUCTS

- Evaluate structural moves to increase scale and profitability, such as M&A and JVs, and vertical integration opportunities

INTEGRATED PP CHAIN IN THE USA

Potential opportunities to integrate Braskem's positioning in the PP chain in the North American market through upstream integration in the propylene market



Increase competitiveness in the region and globally



Improve geographic and feedstock diversification

- Project to produce green PP from renewable sources with a negative carbon footprint in the United States, which is currently under study to produce the world's first green PP on an industrial scale



CAPTURING NEW SYNERGIES FOR THE WHOLE BRASKEM THROUGH CUSTOMERS, SUPPLIERS AND LOGISTICS

- Expansion of the portfolio of international clients for all Company's segments
- Identify opportunities for the Company's recyclable and bio-based products and feedstock, which should grow in demand due to government policies and commitments made by the region that promote the use of such materials
- Development of Braskem Trading & Shipping ("BT&S"), which will operate, mainly:
 - in the international supply of feedstock for all segments of the Company (Naphtha and Ethane)
 - expand the portfolio of global feedstock suppliers, monitoring and capturing supply opportunities from other regions
 - providing long-term charter competitiveness
 - develop charters with lower CO₂ emissions

MÉXICO SEGMENT



Stefan Lepecki

Braskem Idesa CEO

Braskem Idesa is the largest polyethylene producer in Mexico: JV 75% Braskem and 25% Grupo Idesa

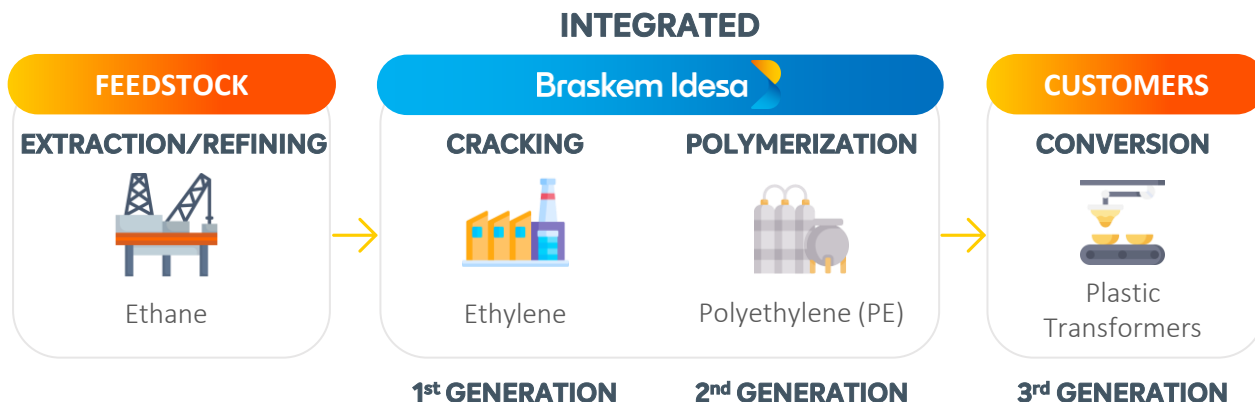


Braskem Idesa Petrochemical Complex in Nanchital, Veracruz (Mexico)

Braskem Idesa has its integrated business model between 1st and 2nd generation

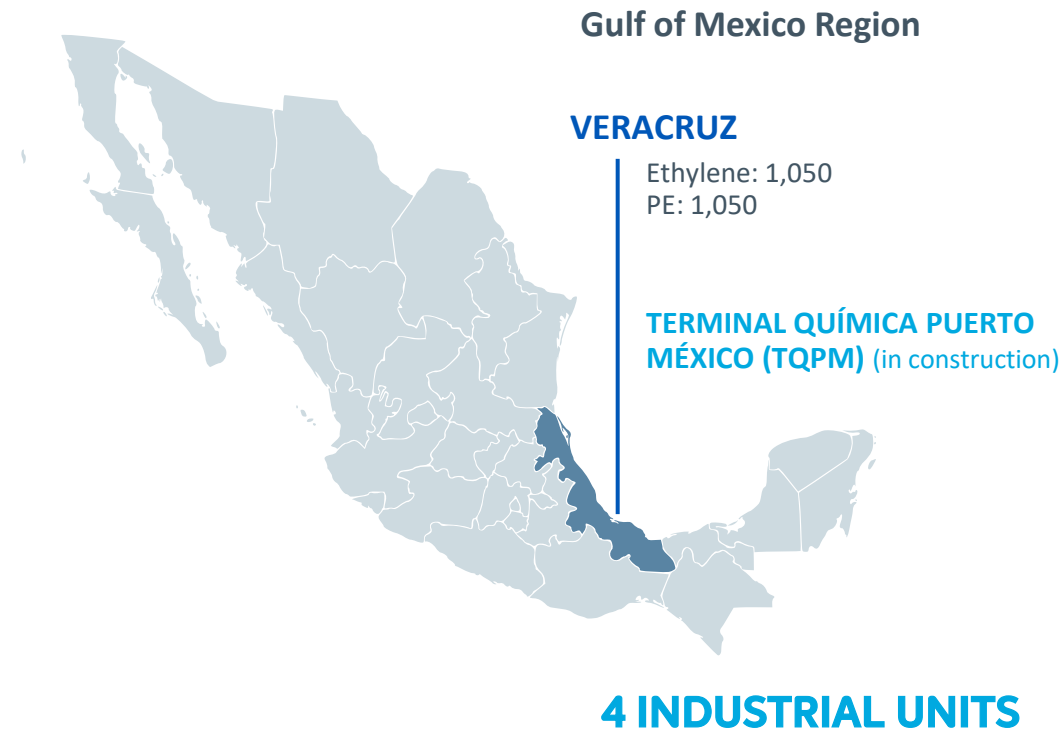
BUSINESS MODEL

- ▶ Integrated complex for the production of ethylene and polyethylene (PE)
- ▶ It uses **ethane** as **feedstock**, supplied by PEMEX and other international suppliers
- ▶ **Largest petrochemical complex ever built in Latin America**
- ▶ **Petrochemical complex with all utility units necessary for PE production**, such as logistics park, water and effluents treatment, warehouses, and energy cogeneration



GEOGRAPHIC LOCATION AND CAPACITY

Production capacity in kton/year



Braskem Idesa is well positioned on the global cost curve due to its use of ethane: the most competitive feedstock in the industry

Differentials of Mexico segment



Commercially competitive and diversified



Competitive feedstock



Self-sufficient in energy generation



New complex, integrated and last generation



Strategic location



Multimodal Logistic

Unique, integrated asset, with competitive costs and global scale, strategic geographic location, with access to the deficit domestic market and the global market

Most competitive feedstock in the industry

Braskem Idesa is at the beginning of the 2nd quartile of the global ethylene cost curve¹

Access to the Mexican market with consistent growth

Consolidated customer portfolio with more than 200 active customers from diversified segments

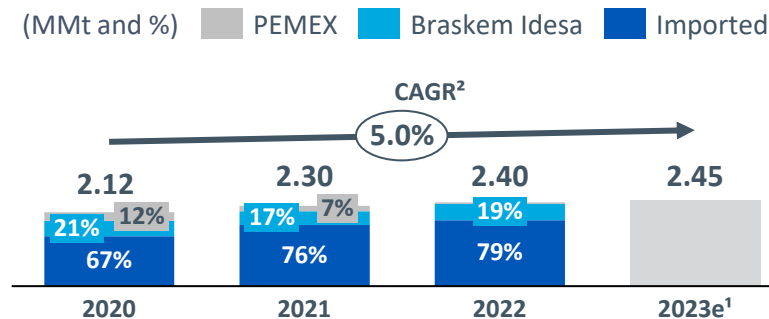
Competitive export to more than 50 countries

Differentiated geographic location to access the most relevant global markets, taking advantage of several free trade agreements in Mexico

Competitive and diversified logistics infrastructure

Use of rail, road, and maritime modes

MEXICAN PE MARKET AND MARKET SHARE



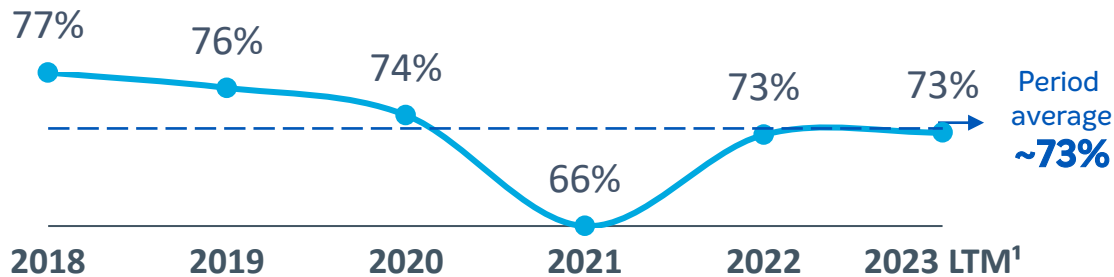
MULTIMODAL LOGISTIC PLATFORM



Additionally, due to the implementation of initiatives to stabilize ethane supply, Braskem Idesa has been increasing its utilization rate continuously since 2021

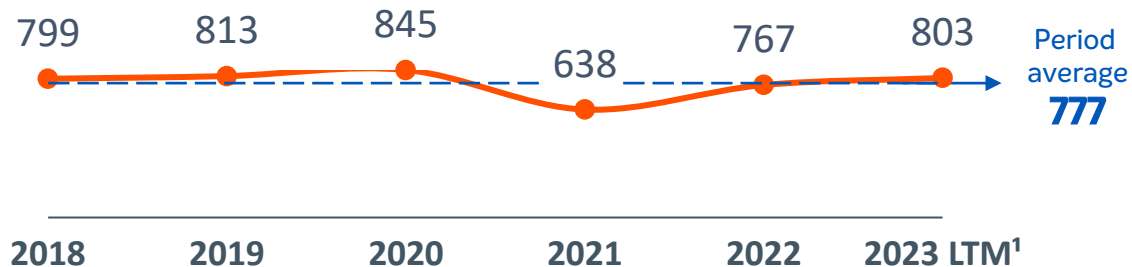
Average utilization rate of PE plants

(%)



PE Sales Volume

(kton)



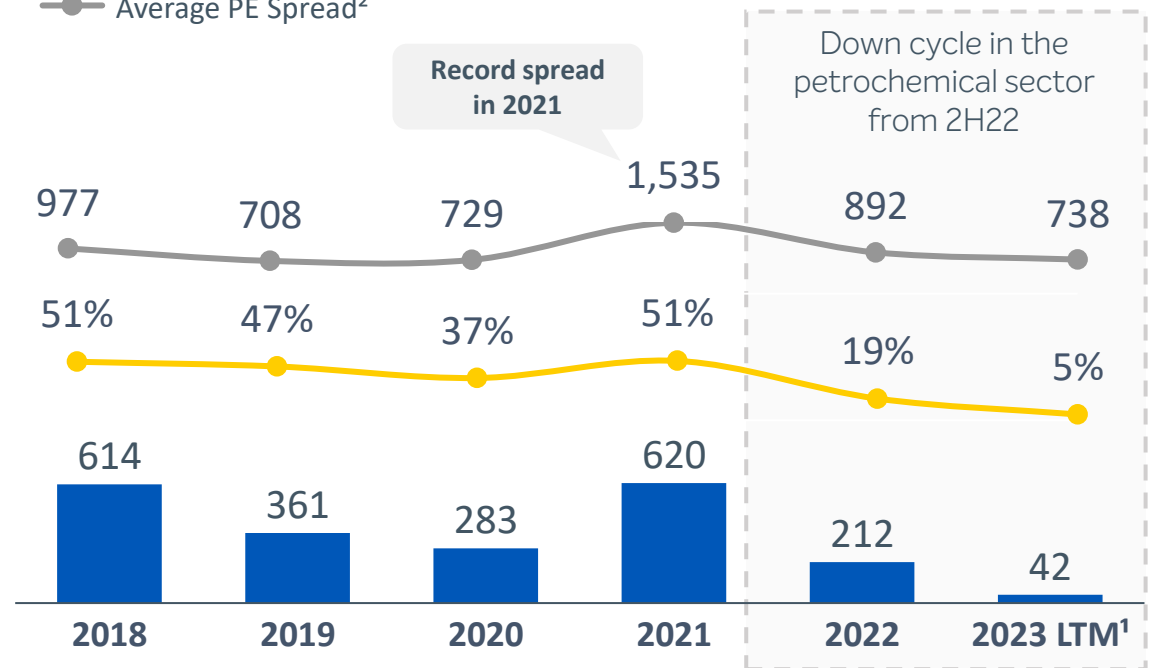
EBITDA and EBITDA MARGIN

(US\$ million, % and US\$/ton)

■ Recurring EBITDA

● EBITDA Margin

● Average PE Spread²



Mexico's Recurring EBITDA represents ~14%³ of the Company's consolidated Recurring EBITDA

Braskem Idesa's strategy is aimed at maximizing its short-term profitability, ensuring financial health, to finance its organic growth

EFFICIENCY INITIATIVES

AVAILABILITY OF FEEDSTOCK AND UTILIZATION RATE

- Increasing feedstock availability to operate at utilization rates above 90% consistently

FINANCIAL HEALTH

- Preserving financial health, through the disciplined capital allocation and implementation of initiatives for financial preservation

COMMERCIAL AND LOGISTICS SYNERGIES WITH BRASKEM

- Optimizing commercial and logistical synergies with Braskem through the services offered by Braskem's headquarter in Rotterdam

GROWTH AVENUES

CONCLUSION OF ETHANE IMPORT TERMINAL AND EXPANSION OF BRASKEM IDESA

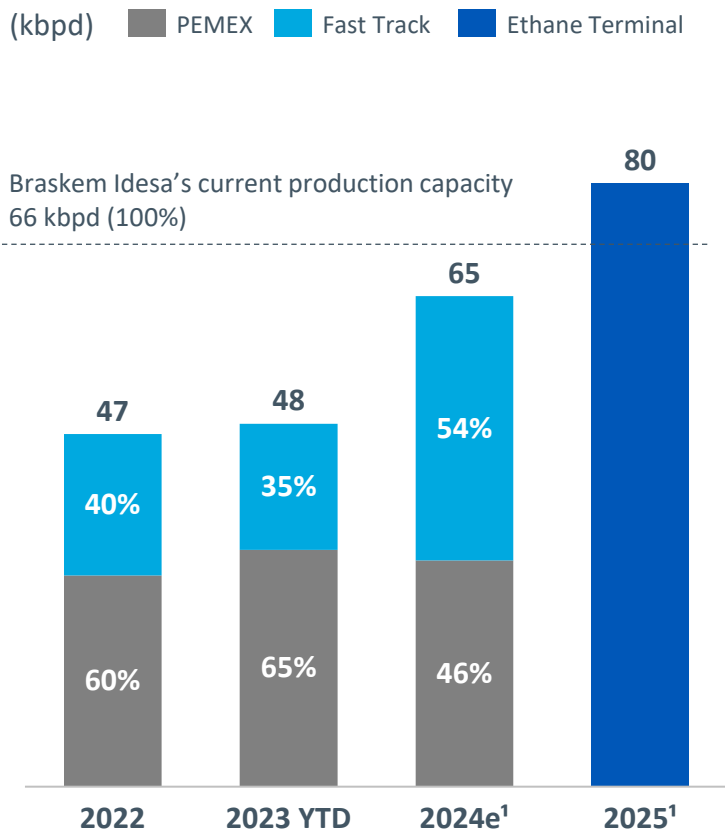
- Enable up to 120% of ethane needs for Braskem Idesa's current production capacity
- Expand Braskem Idesa's production capacity after the start of terminal operations

DECARBONIZATION PROGRAM

- Implementing the prioritized initiatives of the Decarbonization Program to reduce the Company's CO₂e emissions with a positive NPV

In recent years, the ethane availability was a challenge for Braskem Idesa, which was overcome with short-term actions and long-term structuring projects

Braskem Idesa Ethane supply



Current Structure (since 2020)

up to **35** kbpd

IMPORTED ETHANE (Fast Track Solution)

SHORT TERM SOLUTION

Since 2020, the Company has imported ethane from USA using ships and trucks

30 kbpd

NATIONAL ETHANE (PEMEX)

Contractual volume of 30 kbpd² of ethane, with preemptive right to acquire surplus ethane from PEMEX until 2045

Structure from 2025

Ethane Import Terminal

DEFINITIVE SOLUTION

in construction to supply Braskem Idesa with reliable feedstock in the long-term

ESTIMATED VALUE CAPTURE²

EBITDA ~US\$50 MM

For **cost optimization**, Braskem Idesa will capture **opportunities in the balance between ethane supplied by Pemex and imported from definitive solution**

The construction of the Ethane Terminal will ensure the supply of ethane necessary for Braskem Idesa to reach full utilization of its capacity

ETHANE IMPORT TERMINAL

DEFINITIVE
SOLUTION

- **Ownership Structure** | JV between Braskem Idesa and Advorio (50%/50%)
- **Supply Capacity** | ~80,000 barrels of ethane per day (120% of current need)
- **Estimated total investment** | ~US\$580 million (with ~US\$446 million of CAPEX ex-VAT)
- **End of construction** | 2nd semester of 2024
- **Physical Progress** | 48% until Oct/23

Virtual image of the project



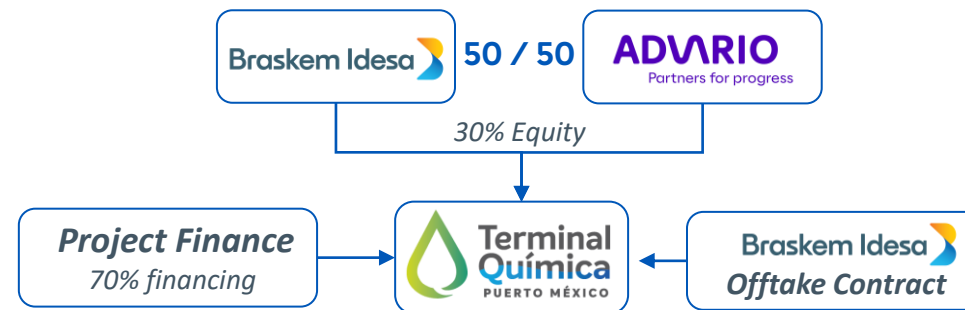
Aerial image – Oct/23



Aerial image – Oct/23



CAPITAL STRUCTURE AND FINANCING



- ✓ Issued by Terminal Química Puerto México (“TQPM”) with the support of its shareholders, Braskem Idesa e Advorio
- ✓ Financing in the **Syndicated Project Finance Loan** modality, with the participation of 6 financial institutions, and usual guarantees for transactions of this nature
- ✓ **Term of 5 years**
- ✓ **The project’s capital structure will be 30% equity and 70% debt of all capital invested throughout the project¹**

Braskem Idesa is implementing its decarbonization strategy and evaluates the possibility of expanding its production capacity

DECARBONIZATION

- ▶ Braskem Idesa's decarbonization strategy will enable the achievement of its CO₂e reduction objective

Energy Efficiency and Process Optimization Projects

Projects and initiatives focused on making better use of natural resources and reducing energy consumption

Capture of CO₂ generated in steam boilers

Projects to capture CO₂ generated in boilers and use or store it safely and effectively

Renewable Energy

Projects associated with the use or generation of sustainable energy

OBJECTIVE

2021 Sustainability
Linked Bond KPI



Reduce CO₂e emissions¹
by 15% until 2028

EXPANSION OF CURRENT CAPACITY

- ▶ After the start of terminal operation, Braskem Idesa will have sufficient supply to enable the expansion of the complex by up to 20% of its current ethylene and PE production capacity
- ▶ The project is currently **under evaluation** to be implemented in 2027, with an estimated CAPEX of ~US\$100 million



Braskem Idesa Petrochemical Complex
in Nanchital, Veracruz (Mexico)

THE EXPANSION WOULD
INCREASE BRASKEM IDESA'S
PRODUCTION CAPACITY
WITH MARGINAL
INVESTMENT COST

EXPECTED
VALUE CAPTURE

EBITDA
~US\$100 MM

GREEN PE

I'm 
green
BIO-BASED

Walmir Soller

Vice-President of Olefins & Polyolefins Europe and Asia

Largest global producer of biopolymers, having established the first industrial-scale Green Ethylene plant in 2010

BUSINESS MODEL

- ▶ Portfolio of products based on renewable feedstock (ethanol from sugar cane), including Green Polyethylene (Green PE) and Green EVA, serving a wide variety of end customers in different sectors
- ▶ Winning platform being the world leader in biopolymers, with the ability to execute growth on a global scale
- ▶ Product portfolio driving value from the renewable feedstock ecosystem and best practices in responsible sourcing



I'm green™ brand
protected in all regions¹
of influence



Applied by ~200 companies
and Brand Owners in more
than 300 products

Internationally recognized brand

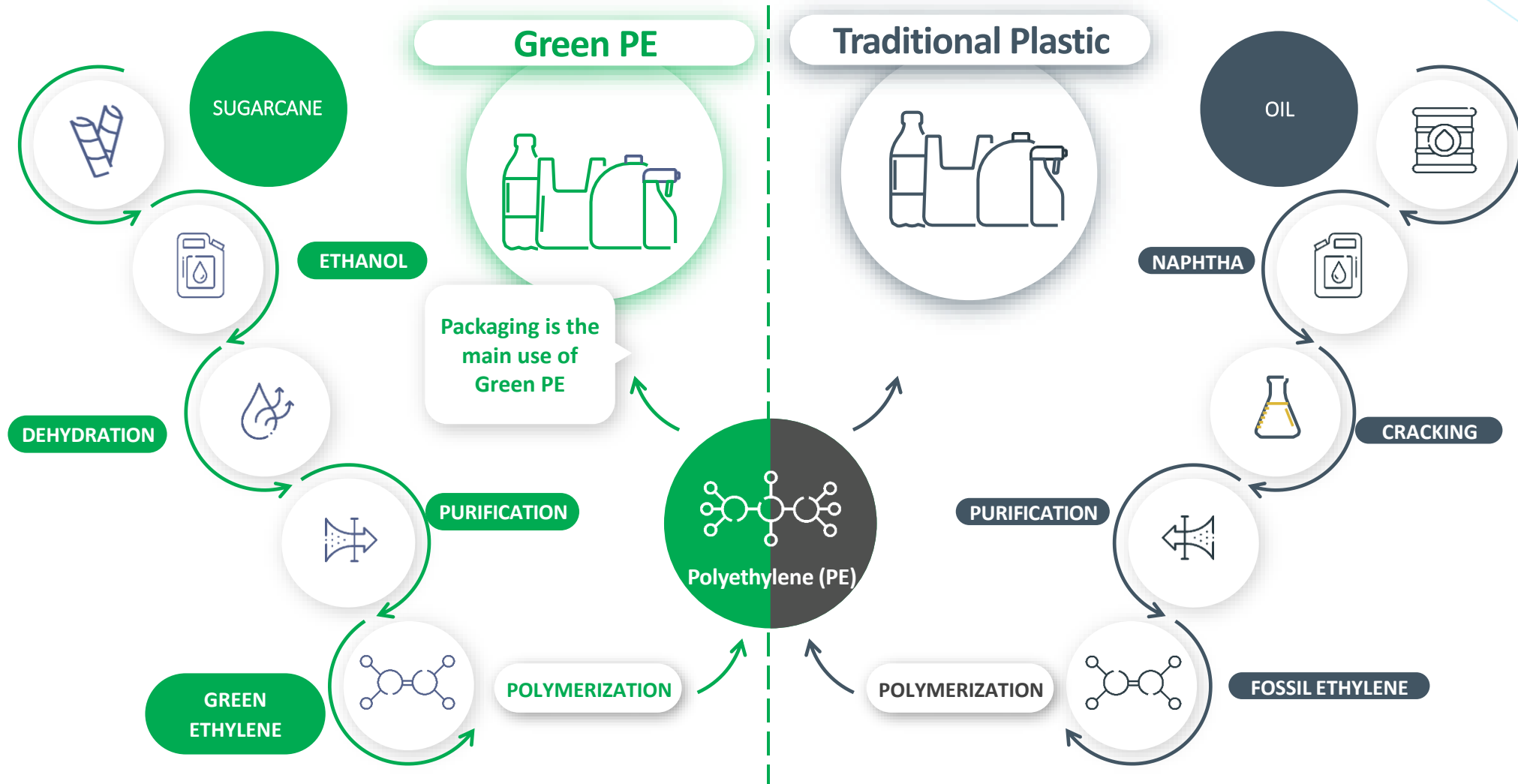
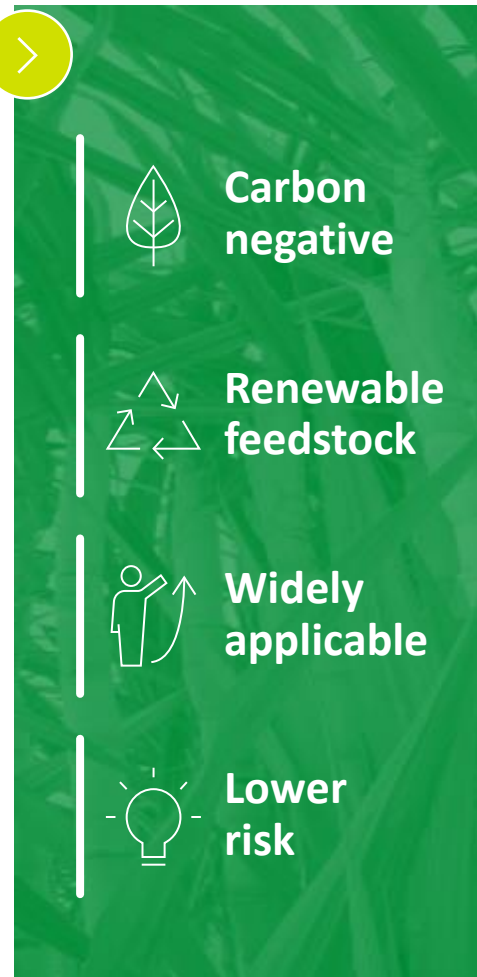


Packaging Innovations 2018
(Just Water)



Baby innovation Green Award
2019 (BiOBUDDI)

I'm green™ PE bio-based has the same properties as traditional PE and a distinct value proposition based on a reduced carbon footprint¹ and certified by C14¹



Since 2010, the Company has offered a portfolio of products made from Green PE for a wide range of applications in different sectors



I'm green™ is used in more than **300 products** manufactured from **Green PE I'm green™ bio-based**



Toys

Tetra Pak®
PROTECTS WHAT'S GOOD



Food packaging



Shoes



Personal Care



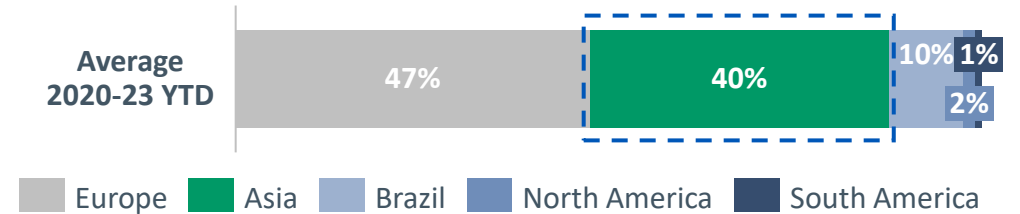
Sport

Opening of a Braskem office in Japan



In recent years, Japan has been developing and implementing public policies to expand the use of plastics derived from renewable sources in its economy

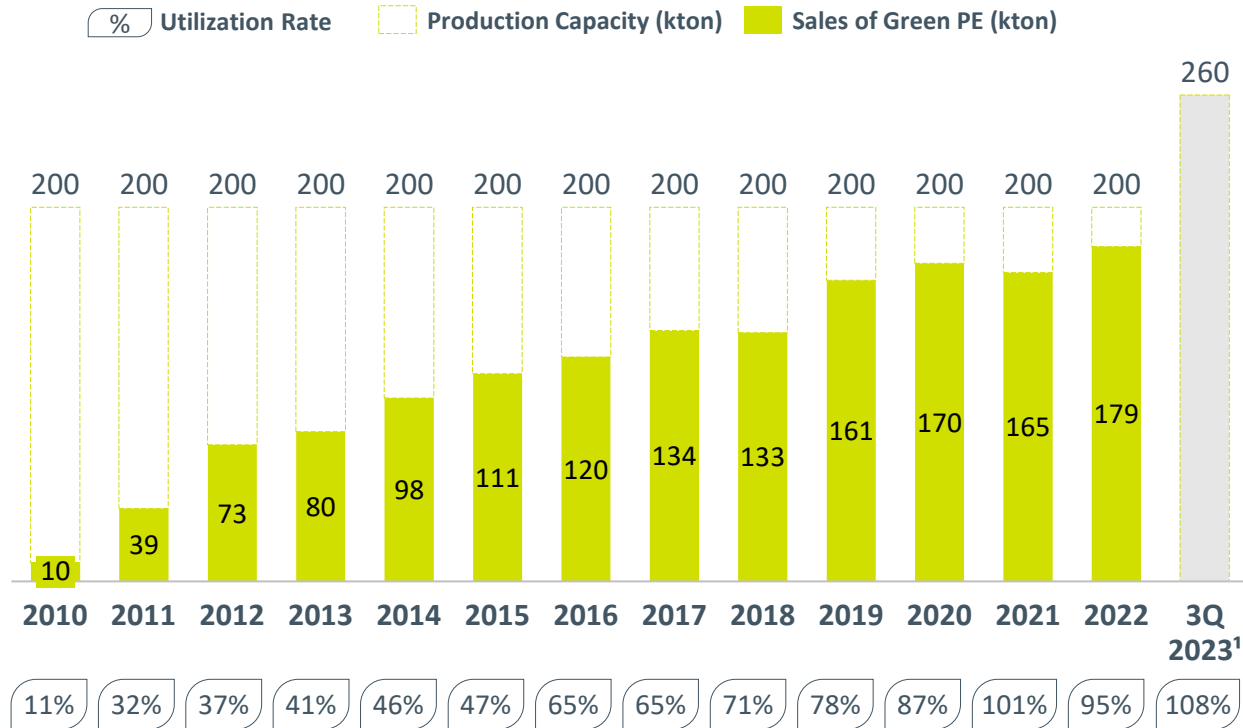
Sales of Green PE by region



Asia and Europe are the most relevant markets for I'm green™ biobased PE

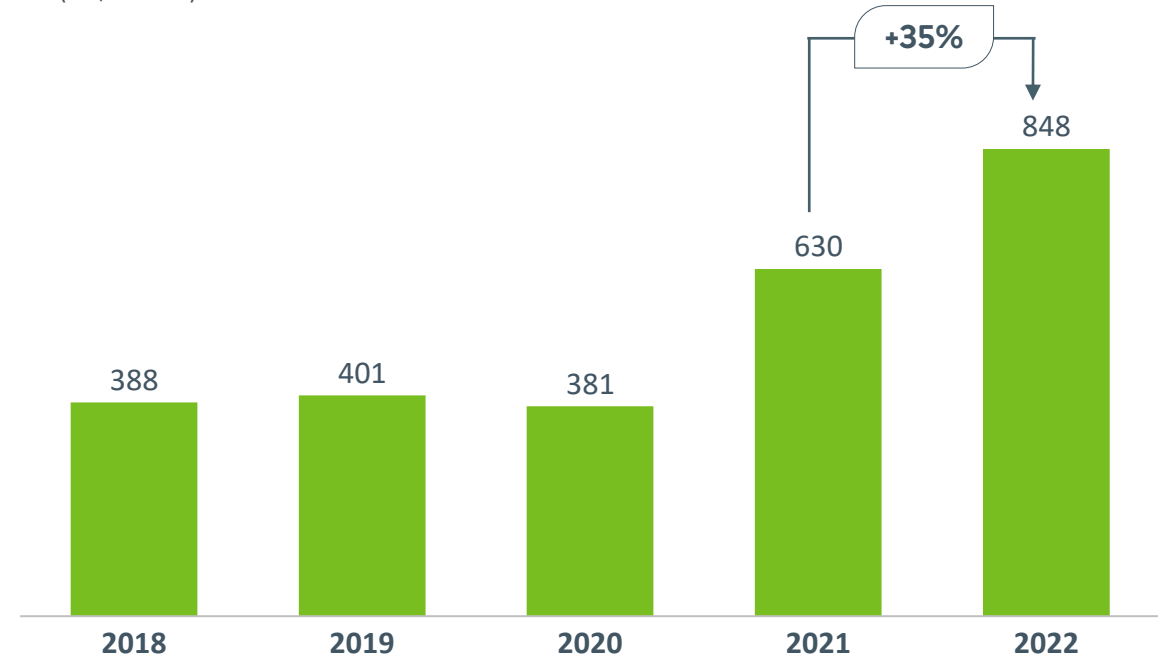
Over the years, Braskem has improved the operational and financial performance of its Green PE and ETBE business

GREEN PE PRODUCTION CAPACITY AND SALES



NET REVENUE FROM GREEN PE + ETBE

(US\$ million)



In August/23, the historic record for monthly production of green ethylene was recorded

Additionally, the use of ethanol as a feedstock is supported by best sustainability practices

BIOMASS



ETHANOL

For production of Green polyethylene
I'm green™ bio-based

RISKS IN THE CHAIN



RISKS

Human rights risks identified in the sugarcane/ethanol chain in 2017

ACTION PLAN

Responsible purchasing program, with a specific code of conduct for ethanol suppliers

RESPONSIBLE PURCHASE



CODE OF CONDUCT

Standards of conduct in the environment, human rights and quality, among others

AUDITS

Suppliers and sub-suppliers are audited regarding the effectiveness of standards

BONSUCRO/ISCC²



CERTIFIED PURCHASE

Certified suppliers in line with sustainability requirements in the sugarcane chain

CUSTODY

Specific procedures that guarantee the traceability of certified ethanol in the Braskem production chain

In 2023, the Company completed the expansion of its green ethylene production capacity in Brazil and signed the JV agreement with SCG Chemicals for a new project in Thailand

Conclusion of DBN in Rio Grande do Sul



In 2Q23, Braskem completed the project to **expand green ethylene production capacity to 260 kton/year** at the Triunfo petrochemical complex, in Rio Grande do Sul

Partnership with Lummus Technologies LLC

- Partnership to **develop and license green ethylene production technology**



- This technology builds on a suite of technologies that Lummus Technologies LLC licenses, including other monomers and derivatives, up to SAF¹

Establishment of JV Braskem Siam

BraskemSiam

BIO-BASED POLYETHYLENE

Joint venture between Braskem & SCGC

- Corporate Structure** JV between Braskem and SCG Chemicals, with 51% and 49% stake, respectively
- Production Capacity** up to 200 thousand tons of green ethylene
- Status** Front End Engineering Design (FEED) Procurement
- FID² expectation** 4Q24
- Technology** EtE EverGreen™

Collaboration between
Braskem & LUMMUS TECHNOLOGY

I'm green™ bio-based polyethylene combines the versatility and processability of the fossil counterpart, but with the use of renewable feedstock with an advantage in carbon footprint

EFFICIENCY INITIATIVES

STRENGTHEN THE COMPETITIVENESS OF ASSETS

- Optimizing operations and production cycles of current assets

DEVELOP THE MARKET AND NEW APPLICATIONS

- Developing new market segments for the Company's renewable product portfolio
- Strengthening the responsible feedstock purchasing model, together with the local ecosystem

DEVELOPMENT OF NEW BUSINESS MODELS

- Develop a green ethylene hub to expand the portfolio with new solutions

GROWTH AVENUES

PARTNERSHIP OPPORTUNITY

- Developing strategic partnerships for geographic diversification and asset synergy

COMBATING CLIMATE CHANGE

- Accelerating the growth of the Company's business in chemicals and polymers made from renewable feedstock that remove CO₂e from the atmosphere

DEVELOP THE RENEWABLES BUSINESS

- Diversifying the portfolio of customers and bio-based applications through Green PE and green ethylene derivatives

ALAGOAS GEOLOGICAL EVENT







Pedro Freitas
CFO

Since 2019, the Company has been working to resolve the Alagoas issue together with public authorities

Agreements and Terms signed with authorities

1	Technical cooperation term	Maceió City Hall in 2019
2	Agreement to Compensate Residents	MPF ¹ , DPU ¹ , MPE ¹ and DPE ¹ in 2020
3	Agreement with MPT ¹	MPT ¹ in 2020
4	Agreement for Socio-Environmental Reparation	MPF ¹ and MPE ¹ in 2020 ²
5	Flexais Agreement	MPF ¹ , DPU ¹ , MPE ¹ and Maceió City Hall in 2022
6	Global Agreement Term	Maceió City Hall in 2023

Examples of ongoing actions in the region

-  Support for the **evacuation and relocation of residents from areas affected**
-  **Urban mobility works**
-  **Maintenance actions** in affected neighborhoods and **safety** for residents
-  Actions to **prevent the proliferation of diseases** through pest control and monitoring
-  **Drainage and sanitation works**
-  **Plans to close salt mining wells and soil monitoring**

MORE THAN 1,500 PROFESSIONALS WERE MOBILIZED, INCLUDING SOCIAL TECHNICIANS, LAWYEARS, ENGINEERS, PSYCHOLOGISTS, VETERs, AMONG OTHER PROFESSIONALS

Braskem has been advancing in the implementation of defined actions that address the commitments made in the agreements and terms signed with the authorities

Action implementation status summary

Actions	Current Status of Actions	Current Completion Expectation
Reallocation and Compensation (PCF)	<ul style="list-style-type: none"> ➤ Reallocation of Residents: + than 99.2% ➤ Compensation Proposals Presented: 99.8% ➤ Paid Compensation Proposals: 93% 	<ul style="list-style-type: none"> ➤ Early 2024
Plans to close salt mining wells ¹	<ul style="list-style-type: none"> ➤ Progress in actions: 70% 	<ul style="list-style-type: none"> ➤ 2024-2025
Encosta do Mutange stabilization and drainage project	<ul style="list-style-type: none"> ➤ Progress in the project: + than 62% 	<ul style="list-style-type: none"> ➤ 2024
Urban Mobility Projects	<ul style="list-style-type: none"> ➤ 3 actions being implemented out of a total of 11 	<ul style="list-style-type: none"> ➤ 3 actions in progress: 2024 ➤ Total of 11 actions: 2026
Flexais	<ul style="list-style-type: none"> ➤ 13 actions implemented out of 23 actions foreseen in the Flexais Agreement 	<ul style="list-style-type: none"> ➤ 2024
PAS (Social Action Plan)	<ul style="list-style-type: none"> ➤ 24 social compensation measures validated with the Authorities and 4 measures aimed at Heritage and Culture initiated 	<ul style="list-style-type: none"> ➤ 2024

Braskem has been advancing in the implementation of defined actions that address the commitments made in the agreements and terms signed with the authorities



35 wells are **being closed**, following the plan approved by the ANM¹



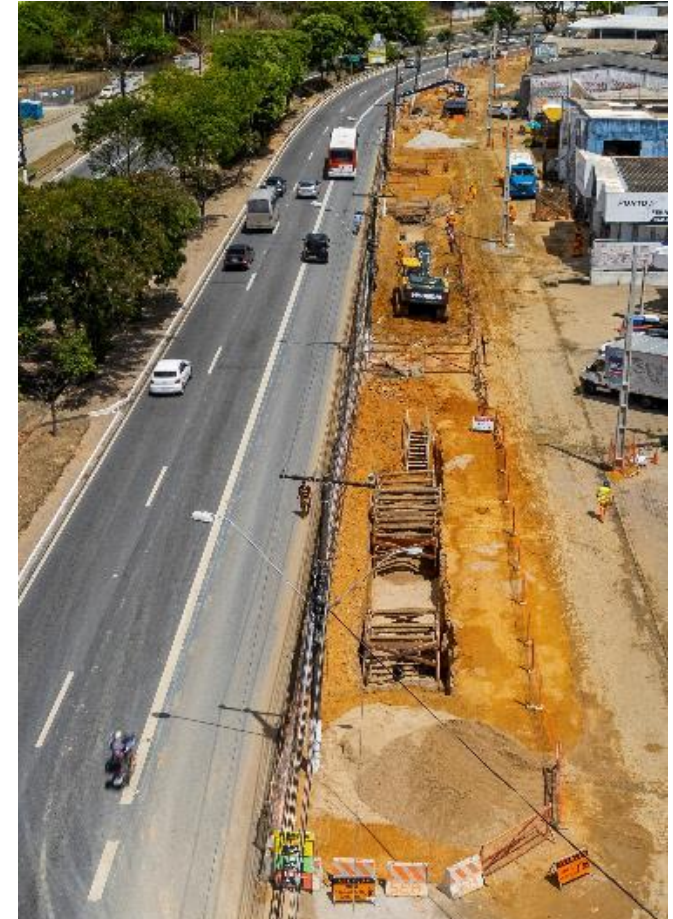
High-tech equipment is used to monitor the area



Works to **stabilize and drainage** the Encosta do Mutange



Flexais Project promotes professional training

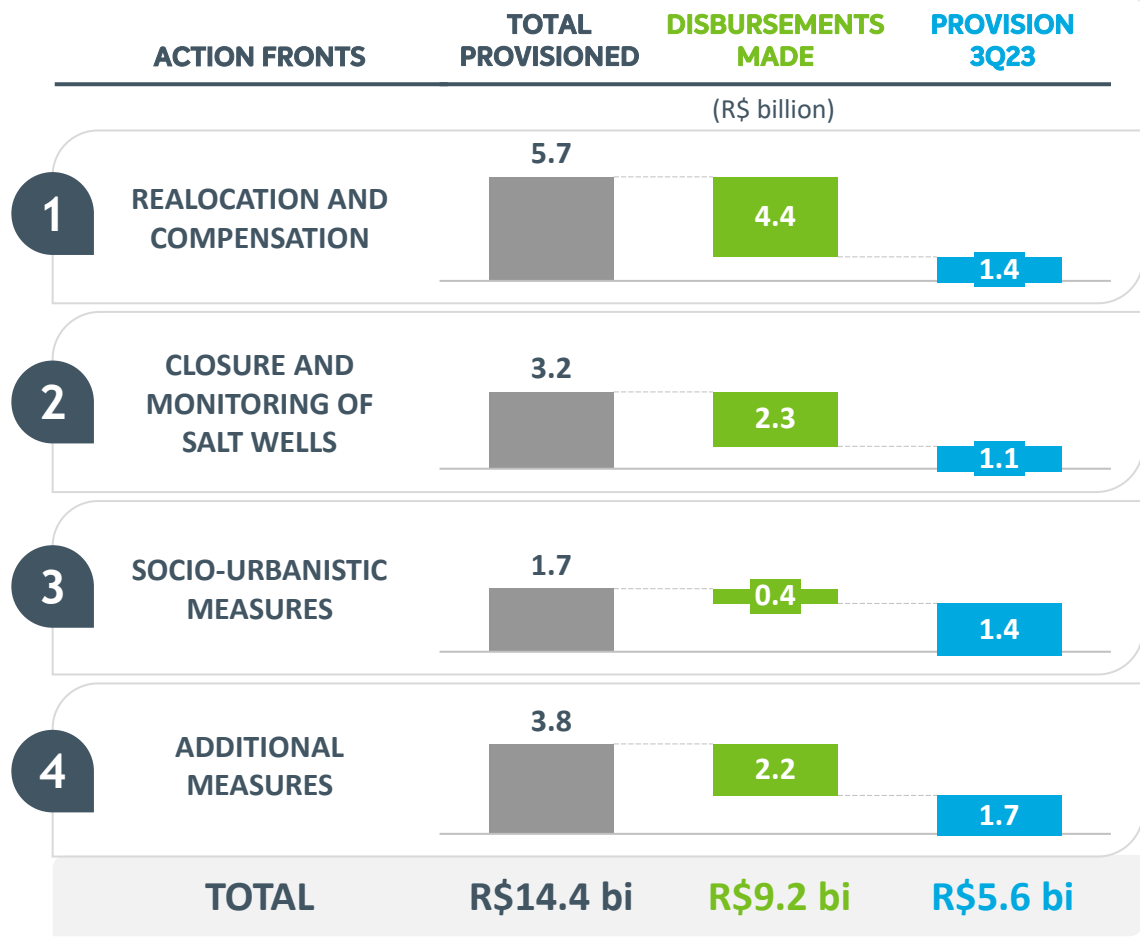
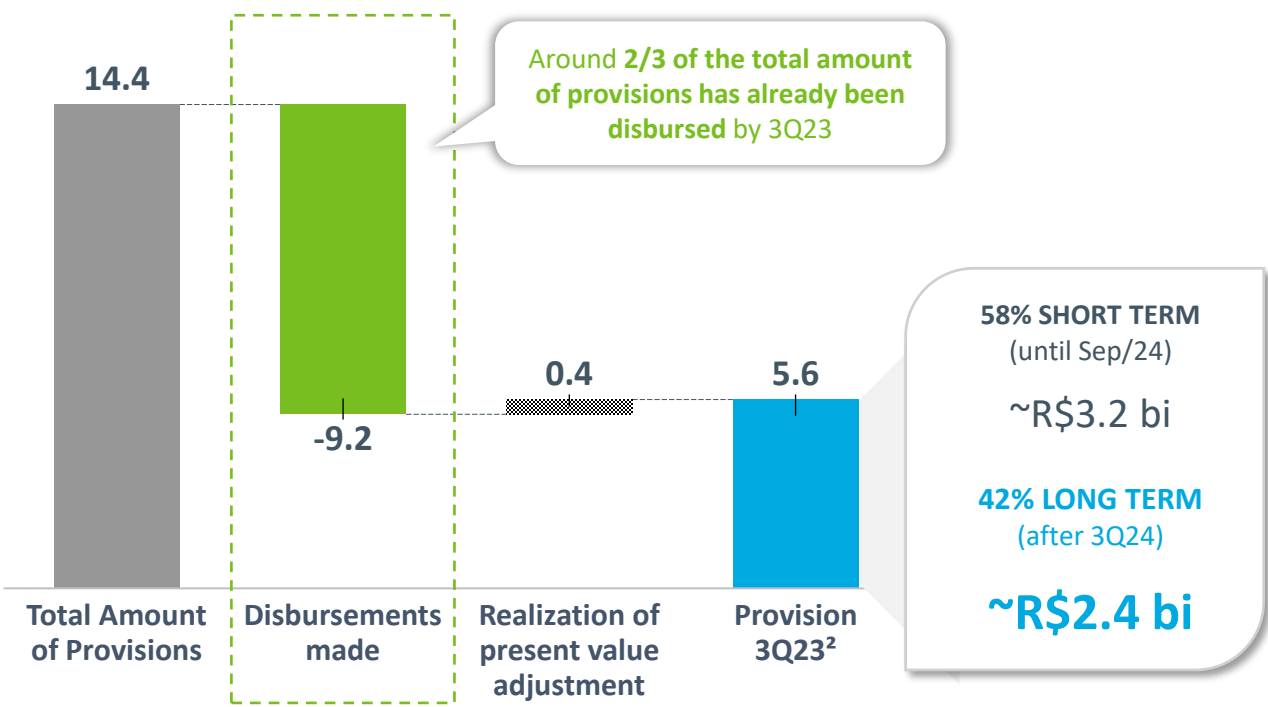


Urban Mobility Action Package will improve the mobility of drivers, cyclists and pedestrians

Activities and disbursements are within the expected schedule for the fronts, and at the end of 3Q24 it is estimated that the provision balance will be ~R\$2.4 billion

Total Amount and Balance of Provisions¹

(R\$ billion)



The Company cannot eliminate future developments related to the matter or its associated expenses and the costs to be incurred by Braskem could differ from its estimates or accrued amounts

52 | Source: Braskem. Note (1): The total amount of provisions related to the geological event in Alagoas is R\$14.4 billion, of which R\$9.2 billion has already been disbursed and an AVP (adjustment to present value) of R\$0.4 billion. Note (2): The net balance of provisions at the end of June/23 was approximately R\$6.5 billion, and at the end of September/23 it reached R\$5.6 billion.

FINANCIAL **RESULTS**

Pedro Freitas
CFO

Margins in the petrochemical sector are driven primarily by industry spreads, company cost competitiveness, and scale



BRASKEM DIFFERENTIALS

Global company, leader in the markets in which it operates

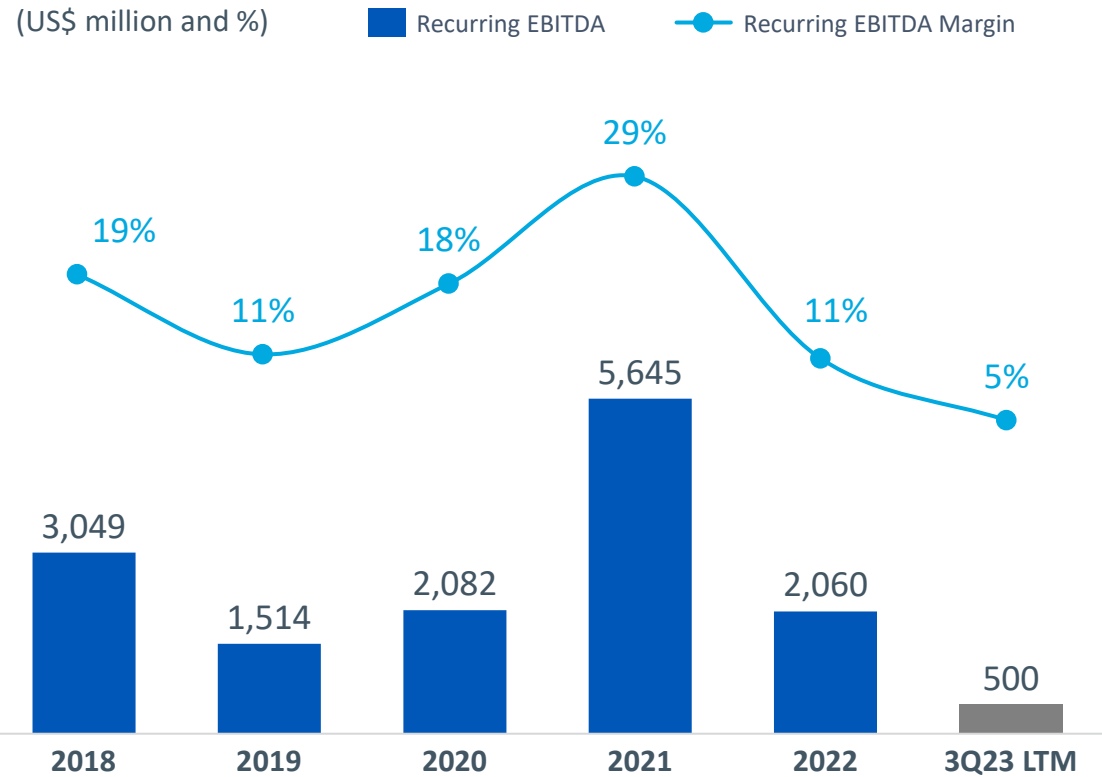
Assets well positioned on the global ethylene and PP cost curve

Diversified base of assets, products and feedstock

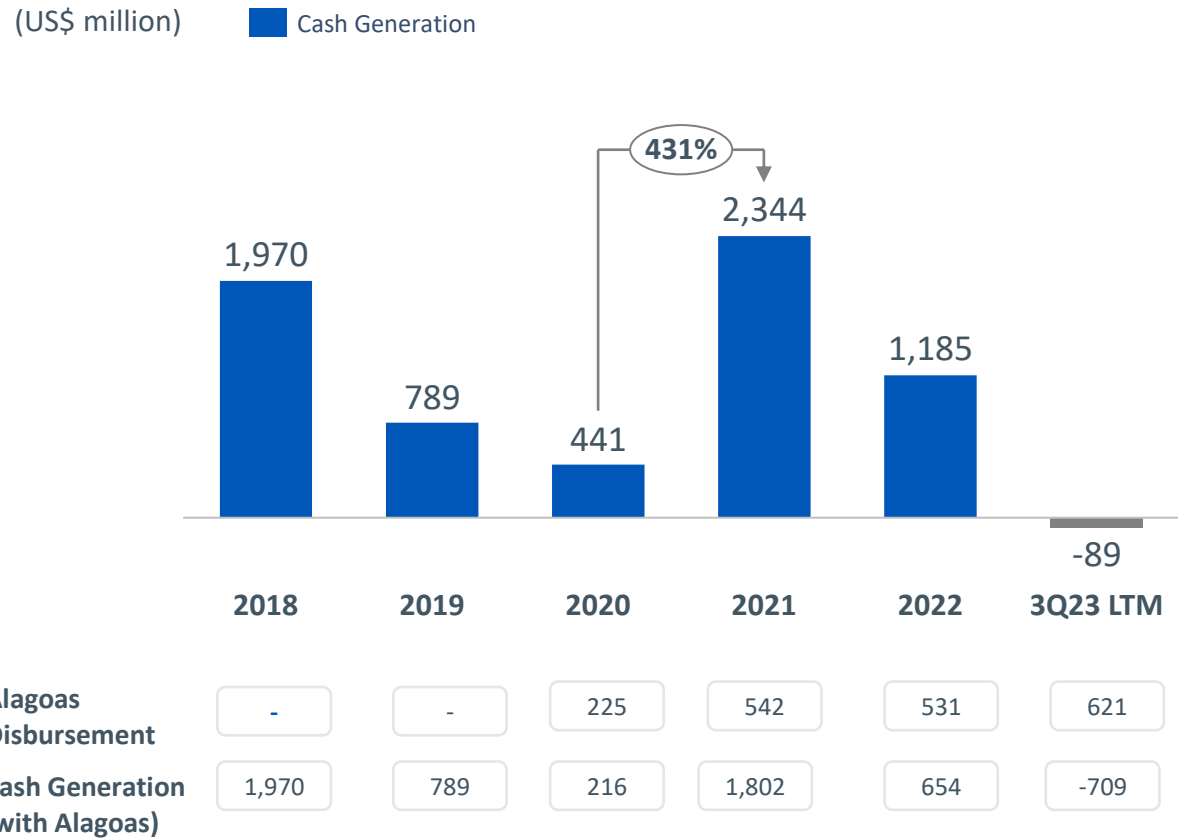
Leader in the Americas and the sixth largest resin producer in the world

Given its differentials, Braskem has demonstrated its capacity for disciplined capital management, considering the cyclical nature of the sector

Recurring EBITDA¹ and Margin



Cash generation (ex-Alagoas)



Source: Braskem. Note: (1) EBITDA (-) non-recurring expenses, including expenses related to the geological event in Alagoas, PIS and COFINS credits (excluding the ICMS calculation basis) and others.

Additionally, Braskem adopts a conservative financial strategy to limit the risks associated with exposure to the cyclical and capital-intensive nature of its business

MAIN MITIGATION MECHANISMS FOR EACH RISK

CONCEPTUAL

1

Liquidity Risk

- **Maintenance of a robust cash position**, with the objective of ensuring the permanent fulfillment of the Company's financial obligations
- **Calculation of a Minimum Cash** based on “monthly vision” and “yearly vision” (**approximately US\$1.5 bi**)

2

FX Risk

- **Braskem is a highly dollarized company**; Structurally, both its revenues and most of its costs are denominated in or indexed to Dollar
- Additionally, the Company reduces FX risk **by setting up a Long-Term Currency Hedge Program**

3

Commodity Risk

- In the petrochemical industry, **feedstock and product prices are highly correlated**, creating a natural protection (a natural “hedge”) over time
- Additionally, the mitigation may be achieved by **contracting Commodity Hedge operations**

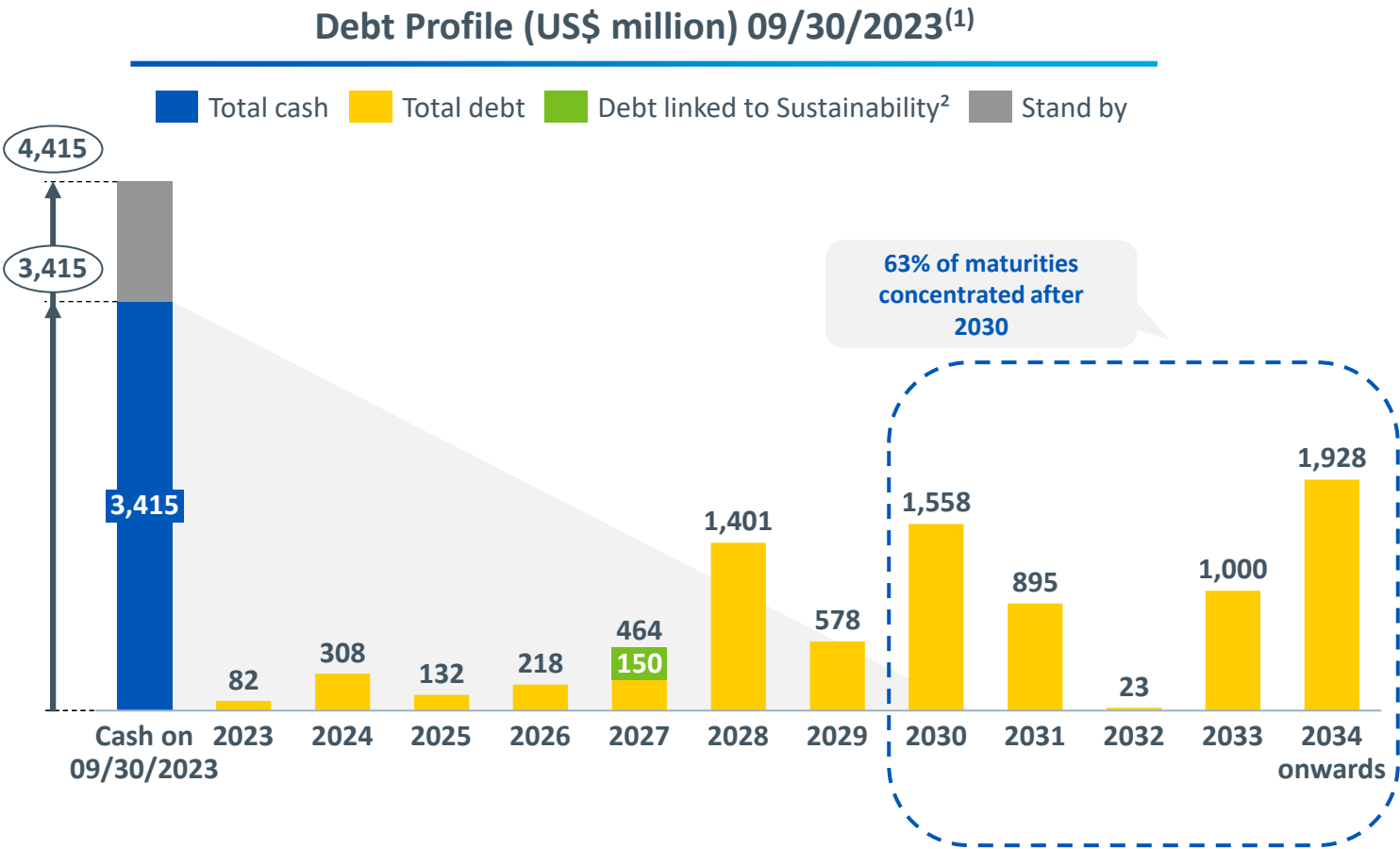
4

Default Risk

- **Development of a credit rating system** for all accounts receivable from clients in Brazil and abroad, with about 80-90% of the Company's accounts receivable **rated as minimal risk or low risk**

Braskem is exposed to risks (liquidity, FX, commodity prices variations, default and others)
However, the Company has mitigation mechanisms for these risks to protect its cash generation

In this sense, Braskem continues to have a robust cash position and a very long debt profile



Debt Indicators

- Sufficient liquidity to cover liabilities coming due in next **75 months**³
- Weighted average cost of debt is FX variation + **6.2%**⁴

Conservative Principles

- Net Debt in USD as a hedge to natural exposure of the business to international prices
- Concentration of funding in capital markets

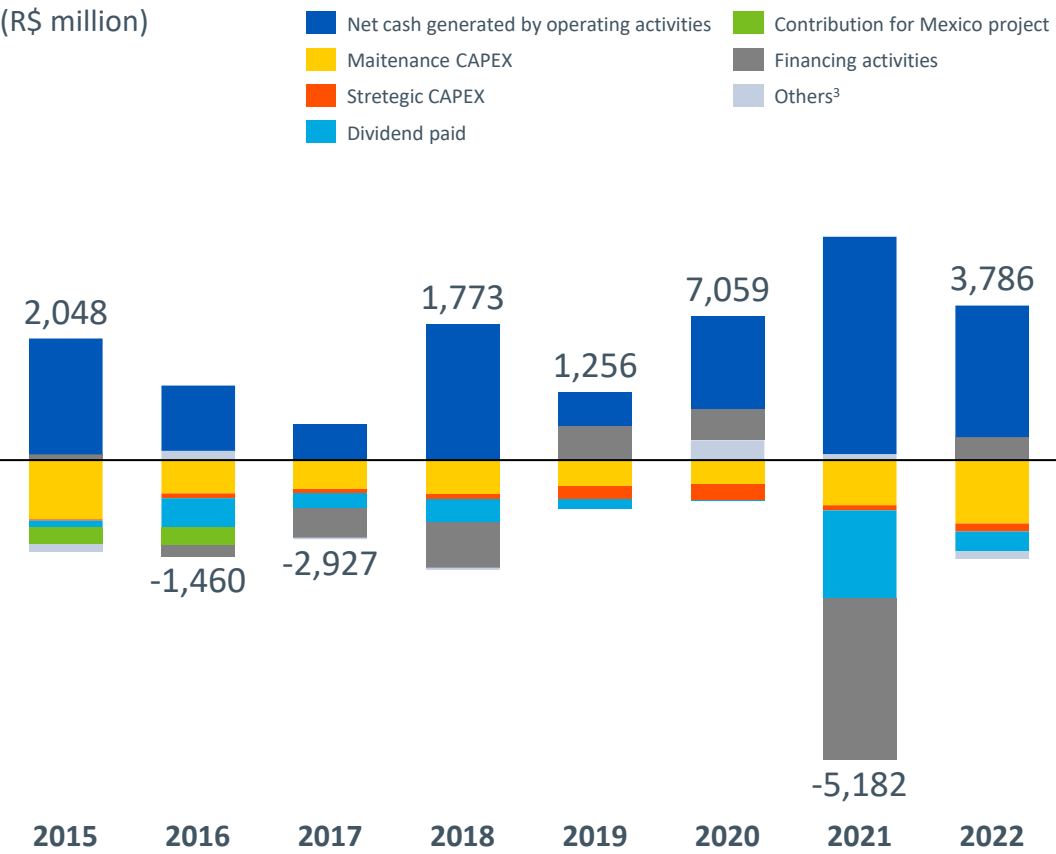
Agency	Rating	Outlook	Date
INVESTMENT GRADE S&P	BBB-	Negative	08/23/2023
INVESTMENT GRADE Fitch	BBB-	Negative	08/09/2023
Moody's	Ba1	Stable	07/27/2023

Braskem reiterates its commitment to financial health through the maintenance of a robust cash position and a very long debt profile

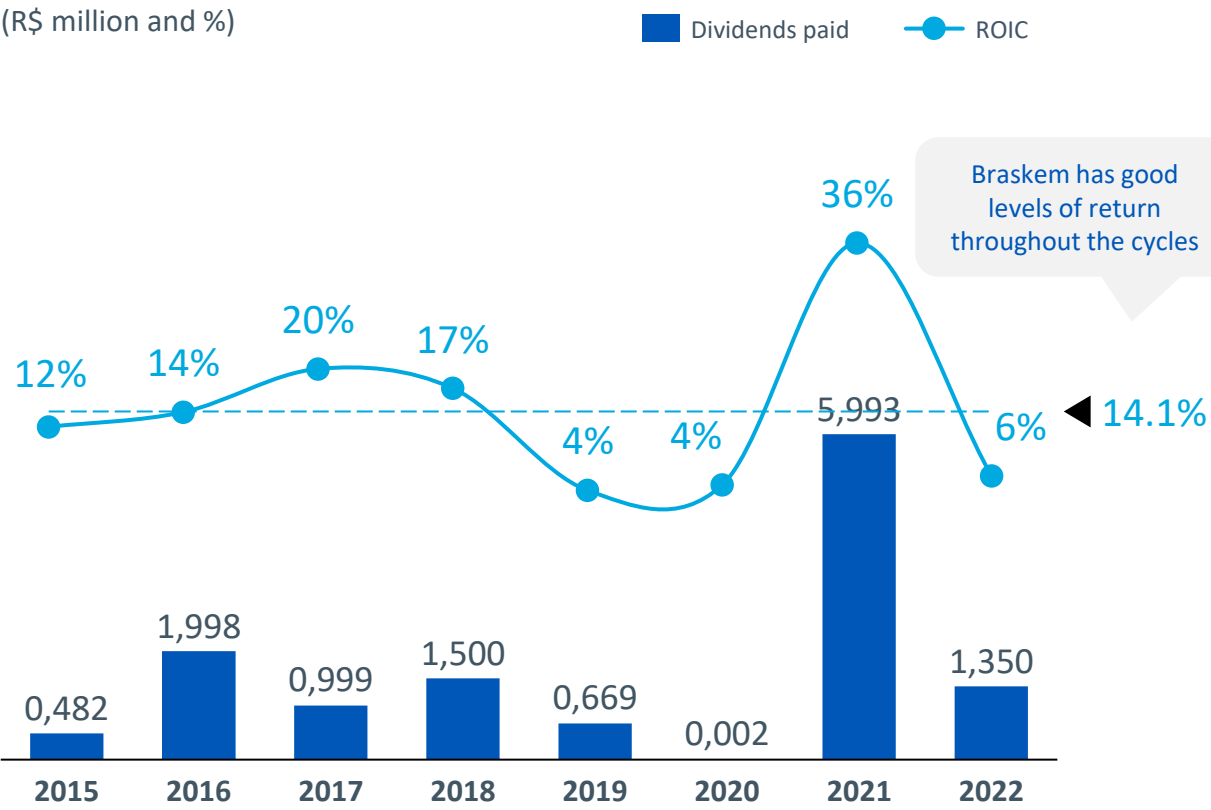
Source: Braskem. Note (1): Excludes the amount of R\$33 million allocated to the Financial Compensation and Support for Relocation Program in Alagoas and the debt of Braskem Idesa. Note (2): Sustainability-Linked Loan – liabilities linked to sustainability target (higher sales of Green PE - I'm green™ bio-based). Note (3): Excludes Standby Credit Facility of US\$1.0 billion maturing in 2026. Note (4): Excludes Braskem Idesa's debt.

In relation to capital allocation, Braskem seeks a balance between resilience and growth, ensuring financial health throughout the cycles

Capital Allocation¹



ROIC²



Finally, the Company reiterates its principles for a conservative financial strategy, supporting its investment grade by rating agencies

STRATEGIC DIRECTION



Shareholder Value Creation

- Continue to balance our capital allocation, returning value to shareholders over the cycle while investing in our business and in its growth opportunities, generating positive impact for all stakeholders

- 1 Maintenance of a robust cash position and long debt**, ensuring ongoing compliance with financial obligations
- 2 Leverage target throughout the cycle of 2.5x¹**, supporting its investment grade by rating agencies
- 3 Maintenance investments** for the cycle similar to the historical one, at around **US\$500 – US\$600 million annually**
- 4 Cash conversion percentage in line with the sector**, prioritizing growth investments and optimizing its operating cycle
- 5 Return to shareholders** throughout petrochemical cycles

CORPORATE STRATEGY

Rosana Avolio

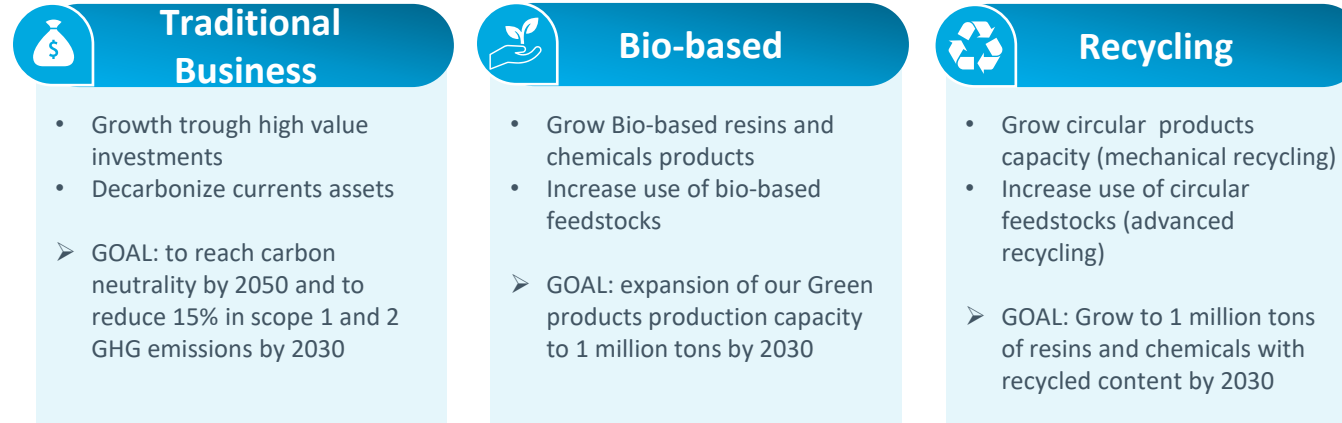
Investors Relations, Strategic Planning and
Global Marketing Intelligence Director

Braskem's global strategy is anchored in its foundation and aligned to its strategic pillars, to achieve the objectives defined for each growth avenue, creating value to its shareholders

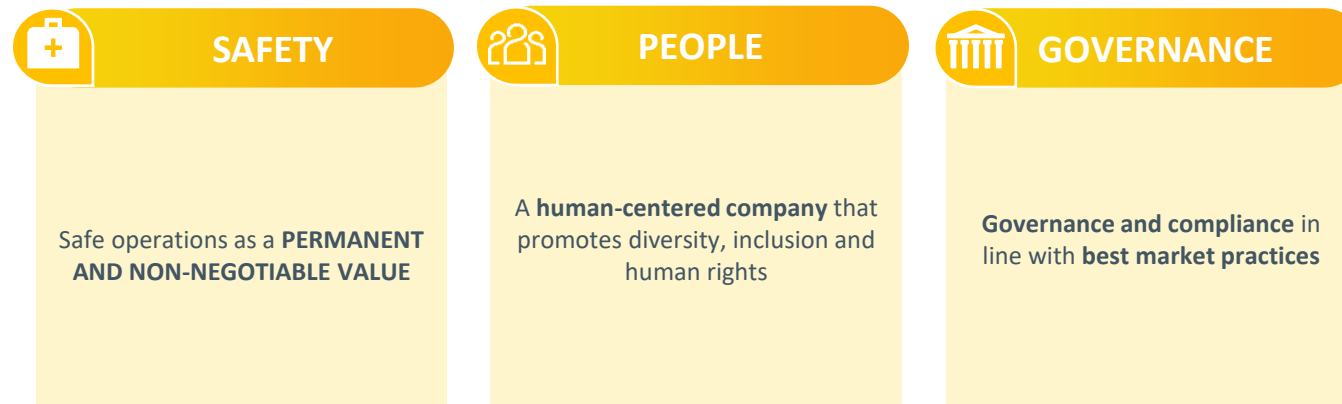
STRATEGIC PILLARS



GROWTH AVENUES



FOUNDATION



Shareholders Value Creation

- Continue to balance our capital allocation, returning value to shareholders over the cycle while investing in our business and in its growth opportunities, generating positive impact for all stakeholders

Therefore, for the next cycle, we will focus on the fronts of action that seek balance between the optimization of the current asset portfolio and the execution of growth and transformation investments, to ensure profitability and financial health

1

RESILIENCE AND FINANCIAL HEALTH

- › Implement initiatives to *mitigate the impacts of the industry's down cycle*

MAXIMIZATION OF CASH GENERATION

2

BUSINESS GROWTH

- › Implement the Company's *growth ambitions*, leveraging its competencies and *strategic differentials*

ADDITIONAL CASH CONTRIBUTION

CORPORATE STRATEGY



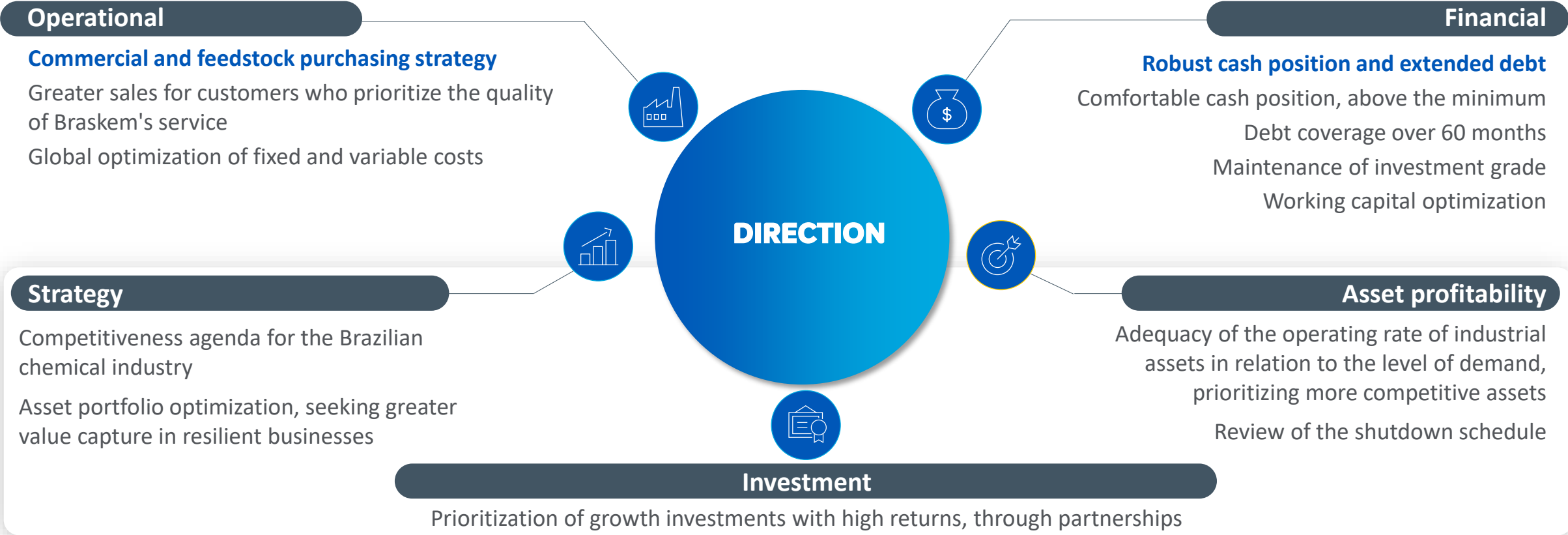
Shareholder Value Creation

- Balance capital allocation, returning value to shareholders throughout the cycle, generating a positive impact for all stakeholders

In resilience and financial health, the continued focus remains on initiatives to mitigate the impacts of the industry's down cycle, ensuring financial discipline

1 RESILIENCE AND FINANCIAL HEALTH

2 BUSINESS GROWTH



2023 DELIVERIES (9M23)	EBITDA ~US\$300 MM	Cash Generation ~US\$350 MM
---------------------------	-----------------------	--------------------------------

In relation to its growth, the Company will continue to develop new business models with high potential for creating value through partnerships

1

RESILIENCE AND FINANCIAL HEALTH

2

BUSINESS GROWTH

The Company will continue to develop new business models with high potential for creating value and with partnerships:



- Hub that will include an investment of US\$150 million for the development of new businesses within five years
- The initiative has two main pillars: **Venture Builder and Corporate Venture Capital**



- **Electricity and natural gas trader**
- The objective is to leverage business opportunities by creating solutions that generate value and accelerate the sustainable energy transition of Braskem and the industry



- Partnership with Lummus Technology to **develop and license Braskem's technology for the production of green ethylene**
- Partnership will extend geographic reach of green ethylene production technology globally



- **Braskem's new circular packaging design laboratory**
- Space connected to Braskem's innovation ecosystem open to brand owners, customers, startups and designers dedicated to developing circular economy packaging solutions



- BI subsidiary responsible for the development and operation of the **ethane import terminal (TQPM) in Mexico**
- The terminal will have a capacity of 80 thousand barrels of ethane per day, providing conditions for BI to import its feedstock needs and expand its capacity

For the traditional business growth avenue, the objective is to grow selectively, through high-value investments, in addition to decarbonizing current assets

1

RESILIENCE AND FINANCIAL HEALTH

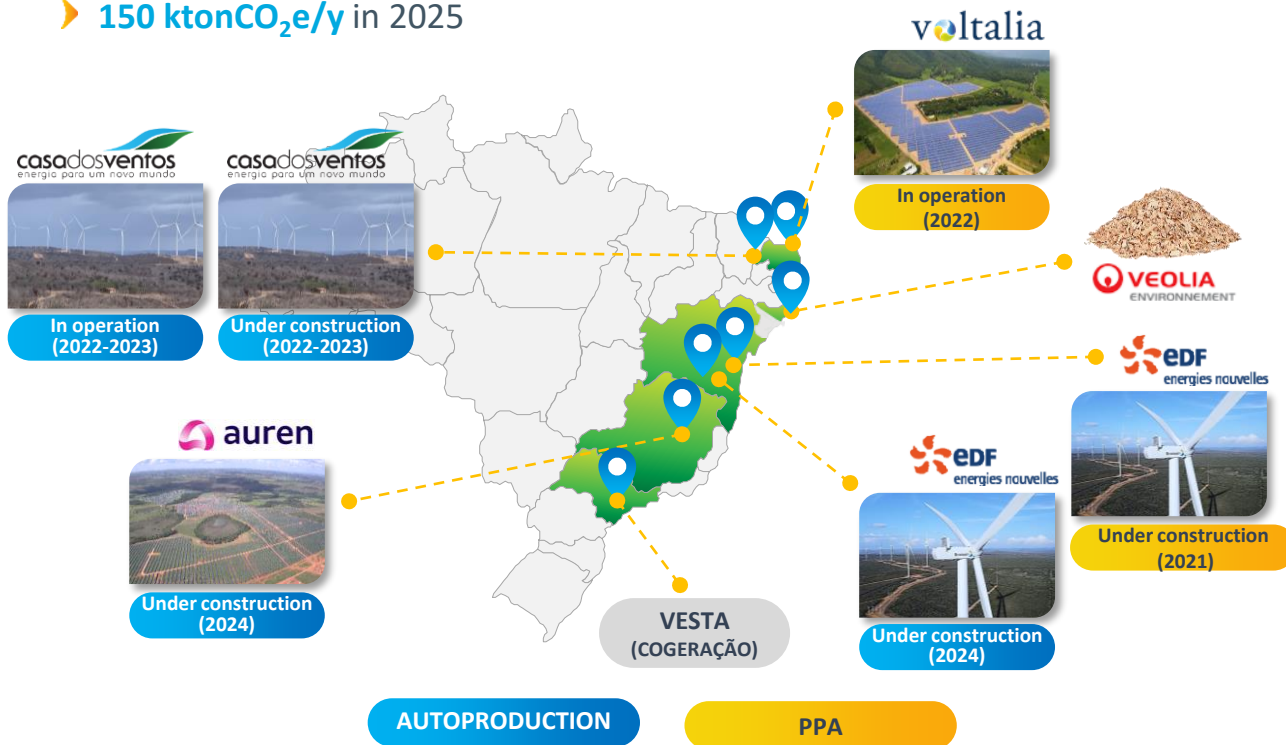
2

BUSINESS GROWTH

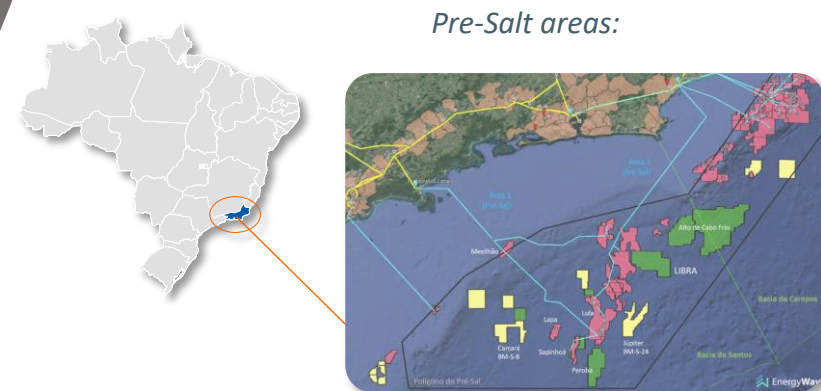
TRADITIONAL BUSINESS

Industrial Decarbonization Program

- Objective: Absolute **reduction**¹ of GHG², scopes 1 and 2, of 15%, by 2030
- More than **230 MWm** of long-term electricity have already been contracted
- **150 ktonCO₂e/y** in 2025



- New feedstock alternatives in Brazil through NGL³ opportunities on **new pre-salt routes from 2028** to supply Braskem units
- Changes in the legal framework and the deregulation of the Natural Gas market should attract **more competitiveness to the Brazilian market**
- Part of the NGL³ could be directed to the RJ complex, enabling its expansion



Source: Braskem. Note: The achievement of the long-term objectives disclosed by the Company (within the projected costs and expected deadlines) are also subject to risks that include, but are not limited to: advancement, availability, development and accessibility of the technology necessary to achieve them. | Note (1): In relation to the average emissions for the years 2018, 2019 and 2020. Note (2): Greenhouse Gases. Note (3): Natural gas liquid.

For the bioproducts business, Braskem will expand its product portfolio leveraging its global pioneering and strategic differences

1 RESILIENCE AND FINANCIAL HEALTH

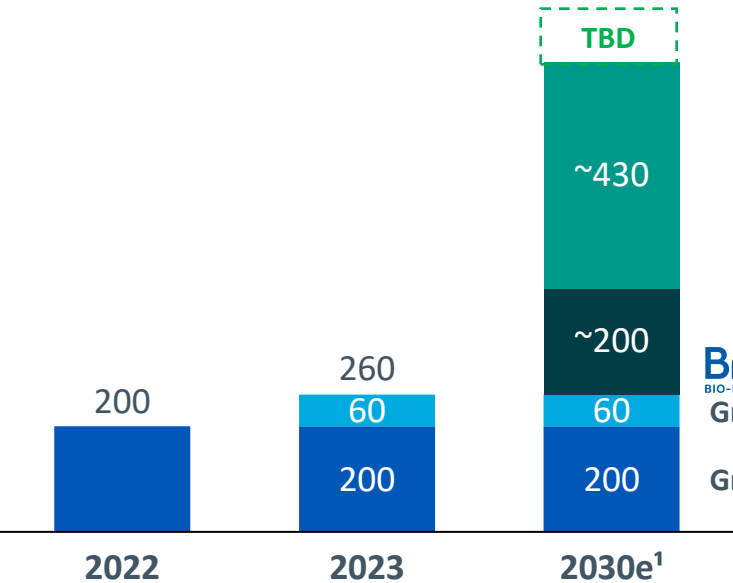
2 BUSINESS GROWTH

BIOPRODUCTS



Objective: expand bioproduct production capacity to 1 million tons by 2030

Bioproduct Production Capacity
(in thousand tons)



Studies for the production of Green PP in the USA

Studies for new opportunities in Green Ethylene

sustainea bioglycols
Joint-venture with **sojitz**

BraskemSiam BIO-BASED POLYETHYLENE
Green Ethylene Expansion

Green Ethylene, RS, Brazil



ONGOING INITIATIVES

BraskemSiam BIO-BASED POLYETHYLENE

Joint-venture with **SCGC**

Production of bioethylene from the dehydration of bioethanol, using EtE EverGreen™ technology, with a production capacity of up to 200kton/year of green ethylene

sustainea bioglycols

Joint-venture with **sojitz**

Production and commercialization of monoethylene glycol from renewable feedstock (bioMEG), subject to approval of the technology

Licensing of green ethylene technology

Partnership with **LUMMUS TECHNOLOGY**

Partnership to develop and license Braskem's technology to produce green ethylene

Studies to produce Green PP in the USA

Studies to evaluate investment in the production of the world's first bio-based PP on an industrial scale in the United States

Studies for new opportunities in green ethylene

Develop potential partnerships for different ethylene chains

EXPECTED
VALUE CAPTURE

EBITDA
~US\$600-800 MM

Source: Braskem. Note: Achieving the long-term objectives disclosed by the Company (within projected costs and expected deadlines) is also subject to risks that include, but are not limited to: advancement, availability, development and accessibility of the technology necessary to achieve them. | Note (1): Expectation based on the sum of the total production of ongoing projects.

In the recycling growth avenue, Braskem aims to expand the portfolio of circular products, through chemical and mechanical recycling

1

RESILIENCE AND FINANCIAL HEALTH

2

BUSINESS GROWTH

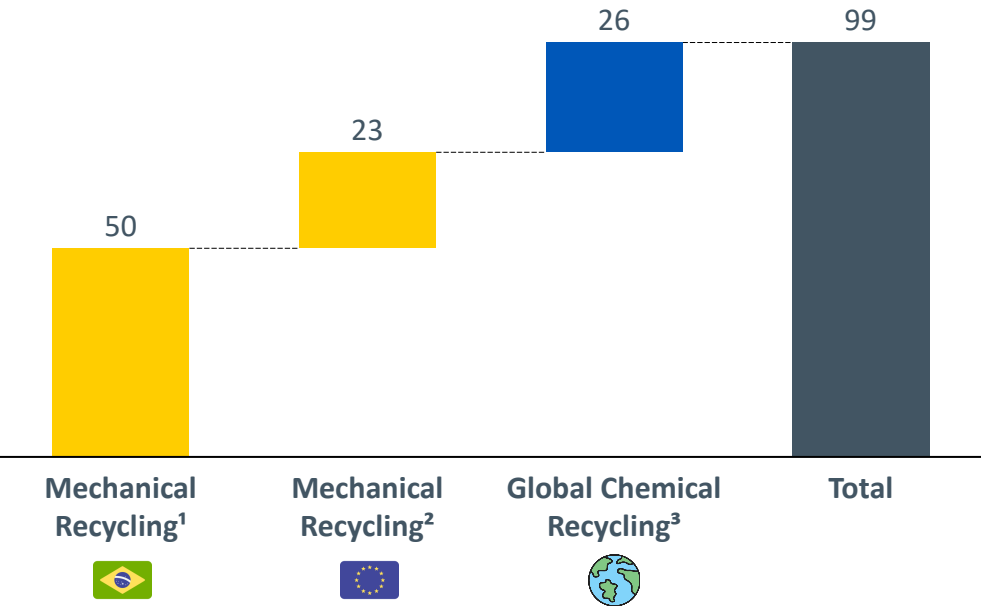
RECYCLING



Objective: increase the sales volume of products with recycled content to 1 million tons in 2030

Main initiatives announced

(kton/year)



Mechanical Recycling

- ▶ Braskem acquired **61.1% of the share capital of recycler Wise Plásticos**, in February 2023
- ▶ Plan to reach **50,000 tons by 2026**, focusing on high-quality PCR



Chemical Recycling

- ▶ Signing of a contract with Vitol, a multinational energy and commodities company, to supply **pyrolysis oil produced through chemical recycling** from WPU – Waste Plastic Upcycling A/S facilities in Denmark



**GLOBAL
ADVOCACY**

Ensure the chemical sector as a fundamental link for the circular economy of plastics and in the promotion of public policies for collection, separation, waste management and use of products

In Braskem, innovation is a fundamental pillar of the strategy to enable the Company's long-term growth...

1 RESILIENCE AND FINANCIAL HEALTH

INNOVATION PLATFORMS

1

DECARBONIZATION

CO₂ capture, conversion and use projects, as well as the development of technologies to **reduce CO₂ emissions** from industrial assets

2

BIOMASS INTO CHEMICAL PRODUCTS

Developing **Green Ethylene technology**, as well as **developing other biochemicals** and materials that will enable Braskem to reach **adjacent markets**

3

RECYCLING

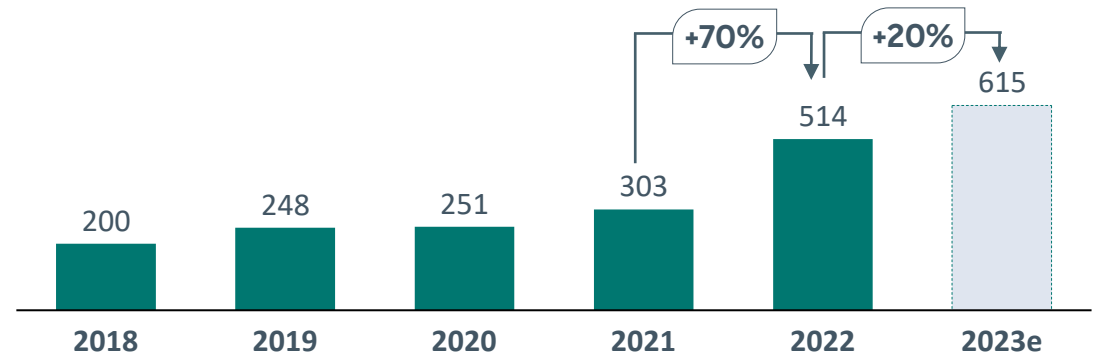
Technologies for **converting plastic waste into value-added products**. Includes chemical and mechanical recycling technologies and processes

2

BUSINESS GROWTH

INVESTMENT IN INNOVATION¹

(R\$ million)



RECOGNITION



Recognized as one of the 20 companies most innovative in Brazil



Second place in the Valor Innovation Award in the Oil, Gas and Petrochemical sector



3rd place by Fundação Dom Cabral in the ranking of the most innovative companies in Brazil

... with several initiatives to explore opportunities and accelerate innovation in the petrochemical sector

1

RESILIENCE AND FINANCIAL HEALTH

Conversion of CO₂ into Chemicals



UNIVERSITY OF
ILLINOIS CHICAGO

College of Education

- › Partnership to develop technology to capture CO₂ from gases emitted in industrial operations and convert it into ethylene in addition to other chemicals



- › Project to evaluate catalytic and electrocatalytic routes to convert CO₂ into chemical products, such as olefins and alcohols

Electrification of Crackers

- › Braskem and Coolbrook plan to jointly implement a pilot project in which Braskem will evaluate the use of a disruptive technology called Roto Dynamic Reactor (RDR) in the demonstration phase in its industrial assets



- › The project involves the electrification of crackers by replacing the use of thermal energy derived from fossil fuels with electricity generated from renewable sources, which is one of the ways for Braskem to achieve half carbon neutrality by 2050

2

BUSINESS GROWTH

Strategic Partnerships for Recycling

- › Development of technologies and processes for converting plastic waste into value-added products through chemical and mechanical recycling
- › Among the partnerships, institutes and universities stand out for developing partners and recycling technologies, in addition to offtake contracts with companies, and the development of proprietary technologies



Venture Builder



oxygea

- › Oxygea Ventures is a corporate venture capital arm launched in 2022, dedicated to leveraging the work of startups that work in sustainable innovation and digital transformation
- › In 2023, Oxygea Labs consolidated 30 partnerships in its innovation ecosystem and received 324 applications from startups in its acceleration program, of which 6 were selected

Since the last meeting with investors, we have implemented ~20 projects aligned to corporate strategy

2020

New PP Plant in the USA

Delta reinforces Braskem's leadership position in the North American PP market and as the third largest PP producer in the world



2021

Casa dos Ventos

Wind energy purchase contract

EDF Renewables

Start of operation of the EDF Renewables wind complex, which will supply renewable energy to Braskem

Green PE Wax

Launch of the world's first PE wax from a renewable source, with a lower CO₂ footprint, is recyclable and has diverse applications

Alcamare

Long-term cooperation agreement with Alcamare to produce resins from recycled material in Mexico

2022

Decarbonization Plan

Development of the global MAC curve and decarbonization roadmap

Casa dos Ventos e Voltalia

Start of supplying wind energy by Casa dos Ventos and solar energy by Voltalia

EDF Renewables

Wind energy purchase contract

Veolia

Steam purchase contract produced from biomass with Veolia

Lummus Technology

Partnership to develop and license Braskem's technology for producing green ethylene

Sustainea

JV formed between Braskem and Sojitz to produce bio-MEG and bio-MPG

Nexus Circular

Acquisition of minority shareholding in Nexus Circular LLC, which operates in chemical recycling

2023

Ethane Import Terminal

Agreement with Advorio for construction of the Ethane Import Terminal

Casa dos Ventos

Wind energy purchase contract

DBN of Green PE

Completion of the expansion of green ethylene production capacity to 260 kton/year in Triunfo – RS

Braskem Siam

JV of Braskem and SCG Chemicals to produce bioethylene from the dehydration of bioethanol

PP biobased

Project to evaluate investment in the production of PP from renewable sources

Wise Plásticos

Acquisition of majority shareholding in Wise Plásticos

Upsyde


JV in the Netherlands with Terra Circular, a company focused on converting solid waste

Vitol

Contract for the supply of pyrolysis oil produced through chemical recycling

LEGEND

 Traditional Business

 Biobased

 Recycling

FINAL REMARKS

Roberto Bischoff
CEO

In 2023, despite the challenges of the external scenario, Braskem made important deliveries, with the implementation of financial preservation and value creation initiatives

2023 CONCENTRATIONS



Optimize asset operation and focus on cost discipline



Implement **financial preservation** initiatives, with a focus on creating value for shareholders



Prioritize, selectively, investments related to eliminating plastic waste and combating climate change, and **focus on initiatives related to social responsibility and human rights**



Amplify **strategic innovation** and **digital transformation**



Advance on all action fronts related to the geological event in Alagoas, fulfilling the commitments established in agreements

HIGHLIGHTS

EBITDA 2023
~US\$300 MM

CASH GENERATION 2023
~US\$350 MM



BraskemSiam
BIO-BASED POLYETHYLENE

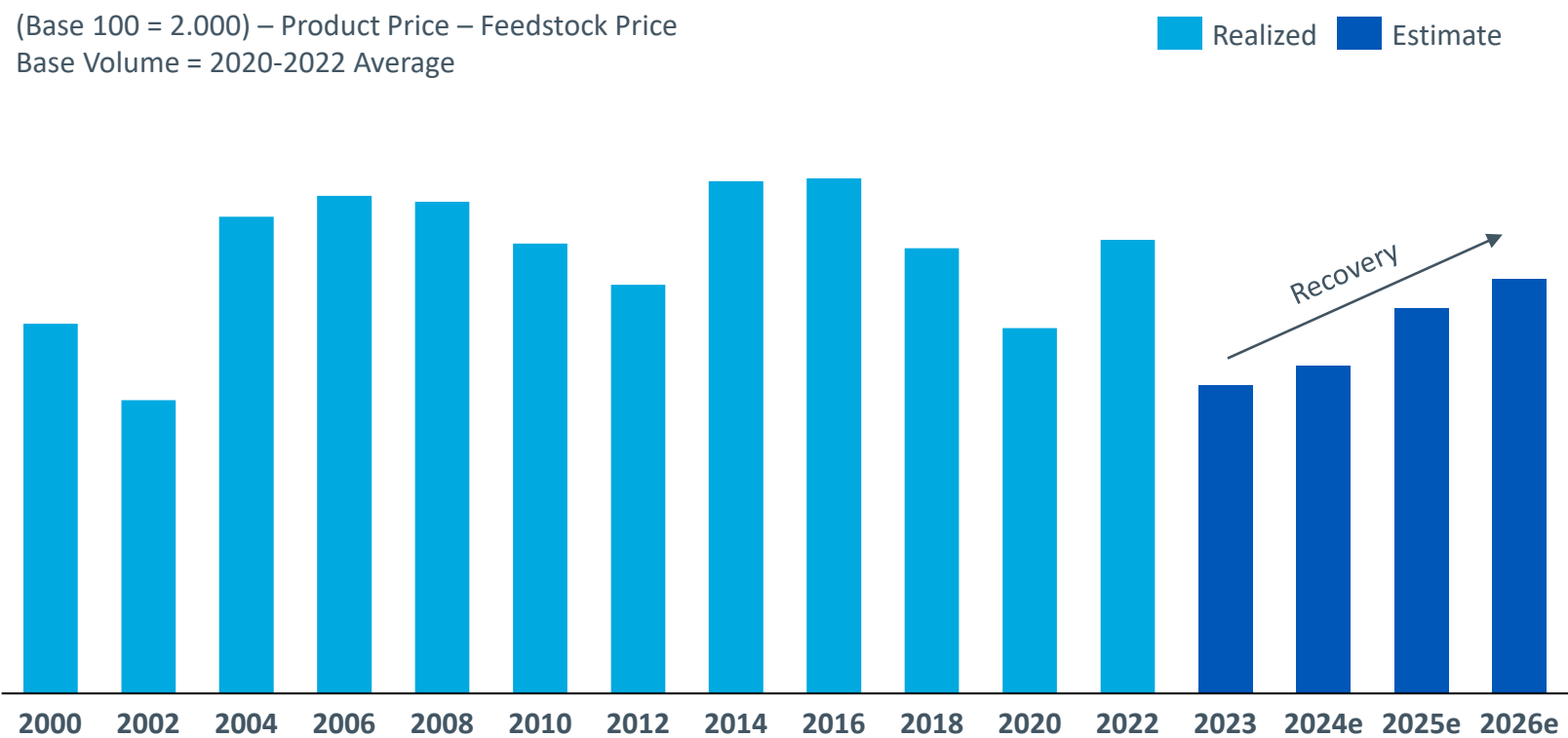


Increasing Investments
in ~70%
(compared with 2022)

Progress on all fronts, with 99% achieved in the relocation and compensation program (PCF)

About the cycle, the expectation is that spreads in the international market will show a recovery considering the greater balance between global supply and demand expected

Box Analysis: Evolution of International Spreads vs. Braskem Sales Volumes



COMMENTS:

- 2023 represents the trough of the petrochemical cycle, due to (i) the slowdown in economic activity in general and (ii) capacity additions made in recent years
- In the coming years, a better balance between supply and demand in the sector is expected:
 - **Supply:** lower capacity input and potential rationalization movements of low-scale and/or non-integrated producers
 - **Demand:** maintenance of demand growth, especially after the normalization of interest rates

The box analysis is a proxy to measure the impact of the price scenario on Braskem's results. In this exercise, all other variables besides prices are held constant

To capture cycle opportunities, it is important to highlight Braskem's competitive differentials

GLOBAL COMPANY	Industrial units located in Brazil, United States, Mexico and Germany and Global commercial network, with offices in the Americas, Europe and Asia , serving clients in several countries globally
LEADER IN THE MARKETS THAT WE PLAY	Leader in the Americas and 6th largest producer of thermoplastic resins in the world ; Only integrated petrochemical company in basic chemicals and polymers in Brazil
EFFECTIVE COMPLIANCE AND GOVERNANCE SYSTEM	Conclusion of external monitoring , after the fulfillment of the commitments assumed with DoJ ¹ , SEC ² and MPF ³ ; Level 1 of Corporate Governance in B3
CONCRETE CONTRIBUTIONS TO SUSTAINABLE DEVELOPMENT	World leader in biopolymers and committed to the Carbon Neutral Circular Economy and ESG fundamentals
CLIENT FOCUSED AND A FUTURE-ORIENTED COMPANY	Commercial strategy focused on partnership and proximity with clients and implementation of digital initiatives , with the goal of transforming our core business and also creating new business models
RISK MANAGEMENT AS PART OF THE CORPORATE STRATEGY	Geographic and feedstock diversification strategy allowing the Company to mitigate cycle volatility risks
ROBUST FINANCIAL STRATEGY	Strong liquidity position , with most debt maturing in the long term and consistent operating cash generation , even in periods of down cycles in the petrochemical industry

Braskem's differentiators, supported by its corporate strategy, will be fundamental to delivering the expected results for value initiatives

STRATEGIC DIRECTION



BRASKEM

DAY 23

Investors Relations

RI Website: <https://www.braskem-ri.com.br/>

E-mail: braskem-ri@braskem.com.br

Contact: +55 (11) 3576-9531

