



CORPORATE PRESENTATION

March 2025

DISCLAIMER



CAUTIONARY STATEMENTS RELEVANT TO FORWARD-LOOKING INFORMATION

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This presentation includes forward-looking statements. Forward-looking statements can be identified by the use of forward-looking words such as “anticipate”, “believe”, “could”, “expect”, “should”, “plan”, “intend”, “will”, “estimate” and “potential,” among others. Forward-looking statements that appear in a number of places in this presentation include, but are not limited to, statements regarding our intent, belief or current expectations, regarding various matters, including, the drilling campaign, share buyback program, future capital expenditure, production growth, Adjusted EBITDA and free cash flow. Forward-looking statements are based on our management’s beliefs and assumptions and on information currently available to our management. Such statements are subject to risks and uncertainties, and actual results may differ materially from those expressed or implied in the forward-looking statements due to various factors. Forward-looking statements speak only as of the date they are made, and GeoPark does not undertake any obligation to update them in light of new information or future developments or to release publicly any revisions to these statements in order to reflect later events or circumstances or to reflect the occurrence of unanticipated events.

This presentation includes forward-looking non-GAAP measures. The Company is unable to present a quantitative reconciliation of the 2024 Adjusted EBITDA because the Company cannot reliably predict certain of the necessary components, such as write-off of unsuccessful exploration efforts or impairment loss on non-financial assets, etc. Since free cash flow is calculated based on Adjusted EBITDA, for similar reasons, the Company does not provide a quantitative reconciliation of the 2024 free cash flow forecast.

Statements related to resources are deemed forward-looking statements as they involve, based on certain estimates and assumptions, the implied assessment that the resources will be discovered and can be profitably produced in the future.

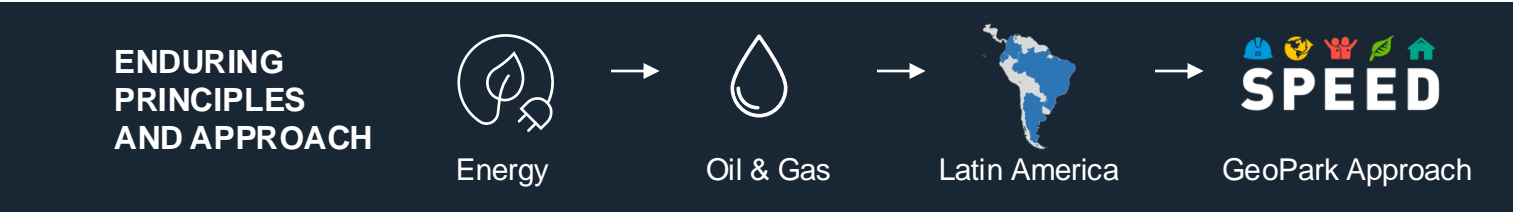
Specifically, forward-looking information contained herein regarding resources may include: estimated volumes and value of the Company's oil and gas resources and the ability to finance future development, as well as the conversion of a portion of resources into reserves

The information included in this presentation regarding GeoPark’s estimated quantities of proved, probable and possible reserves in Colombia, Brazil and Ecuador as of December 31, 2024; is derived, in part, from the reports prepared by DeGolyer and MacNaughton (“D&M”), independent reserves engineers. Certified reserves refer to net reserves independently evaluated by D&M. The reserves estimates in the reports prepared by D&M were prepared in accordance with the Petroleum Resource Management System Methodology (the “PRMS”) approved in 2007 and revised in 2018 by the Society of Petroleum Engineers, the World Petroleum Council, the American Association of Petroleum Geologists, the Society of Petroleum Evaluation Engineers, the Society of Exploration Geophysicists, the Society of Petrophysicists and Well Log Analysts, and the European Association of Geoscientists & Engineers. PRMS proved reserves (1P) are estimated quantities of oil, condensate and natural gas from which there is geological and engineering data that demonstrate with reasonable certainty that they are recoverable in future years from known reservoirs under existing economic and operating conditions. PRMS probable reserves (2P) are those additional reserves which analysis of geoscience and engineering data indicate are less likely to be recovered than proved reserves but more certain to be recovered than possible reserves. PRMS possible reserves (3P) are those additional reserves that analysis of geoscience and engineering data indicates are less likely to be recoverable than probable reserves.

The accuracy of any resource estimate is a function of the quality of the available data and of engineering and geological interpretation. Results of drilling, testing and production that postdate the preparation of the estimates may justify revisions, some or all of which may be material. Accordingly, resource estimates are often different from the quantities of oil and gas that are ultimately recovered, and the timing and cost of those volumes that are recovered may vary from that assumed.

Reserves estimates prepared in accordance with SEC rules and regulations may differ significantly from reserves estimates prepared in accordance with PRMS guidelines.

ABOUT US



Distinctive and Diversified Portfolio

Focused on Growth
Big Assets, Big Plays, Big Proven Basins



Leading Oil and Gas Finders

Drilling Success Rate*** 69%



22 Year Track Record

From Zero to 35,000 BOEPD*
Value Created** \$1.8 BN 2P NPV10



SPEED = ESG+

Net Zero Commitment (Scopes 1 & 2)
The lowest carbon intensity among E&P LatAm peers (10.6 kg CO2e/bbl)
Majority Independent Directors



Profitable Operator

63% Adjusted EBITDA Margin (2024)



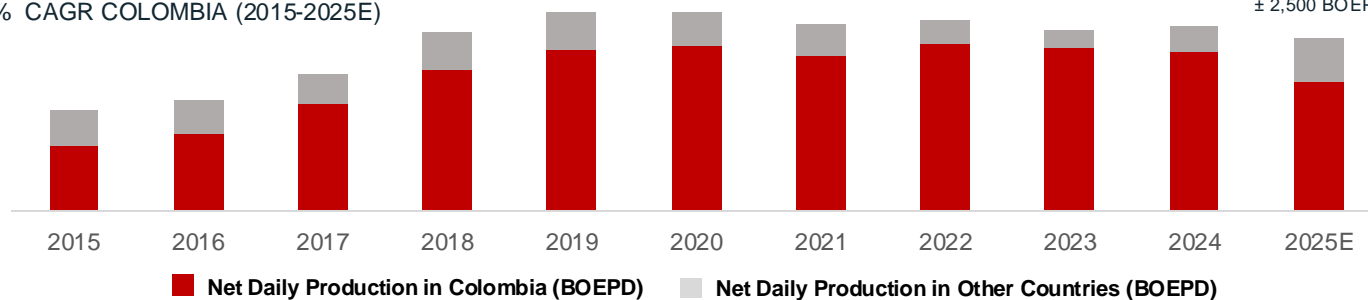
Giving Back to Shareholders

\$300 MM Returned through dividends since 2019
\$30 MM Sustainable targeted annual returns

6% CAGR CONSOLIDATED (2015-2025E)

7% CAGR COLOMBIA (2015-2025E)

35,000 BOEPD
± 2,500 BOEPD



* ± 2,500 boepd. 2025 consolidated production guidance
** As of December 31, 2024.
*** At GeoPark's Working Interest. 2015 – 2024.

NORTH STAR: OUR LONG-TERM VISION AND TARGETS

DELIVER MORE ENERGY



SCALE PRODUCTION

- Mid-term (~2028)
 - 70,000 BOEPD
- Long-term (2030+)
 - 100,000 BOEPD



DISTINCTIVE AND DIVERSIFIED PORTFOLIO

- Big Assets
 - Competitively Advantaged
 - Set for Growth



- Big Plays
 - Onshore
 - Subsurface-led
- Big Proven Basins
 - Colombia
 - Argentina
 - Brazil



EFFICIENT & LOW COST BEST SCIENCE & TECHNOLOGY EXECUTION

INVEST TO RETURN VALUE



ROBUST AND FLEXIBLE CAPITAL ALLOCATION

- Best projects win
- Value accretive access
- NPV accretive at \$60/bbl
- **Target:** Maintain Cash Generation 2-4x CAPEX



FINANCIAL DISCIPLINE

- Protect and improve credit rating
 - **Target:** Below 1.5x Net Debt / EBITDA



CASH FLOW GENERATION

- Revenues: \$3.0-3.5 Billion
- EBITDA: \$1.5-2.0 Billion
- **Target:** Dividends at \$70/bbl



NET PRESENT VALUE

- **Target:** \$8-10 Billion

CREATE AND SHARE PROSPERITY



SAFETY IS OUR #1 PRIORITY

Zero LTIR



CLIMATE ACTION AND SMALL ENVIRONMENTAL FOOTPRINT

50% Carbon Intensity Reduction



COLLABORATION, ALIGNMENT AND RESPECT FOR COMMUNITIES

\$14 Million Social Investment 2021-2023
\$1.5 Billion Taxes and Royalties Paid Since 2012

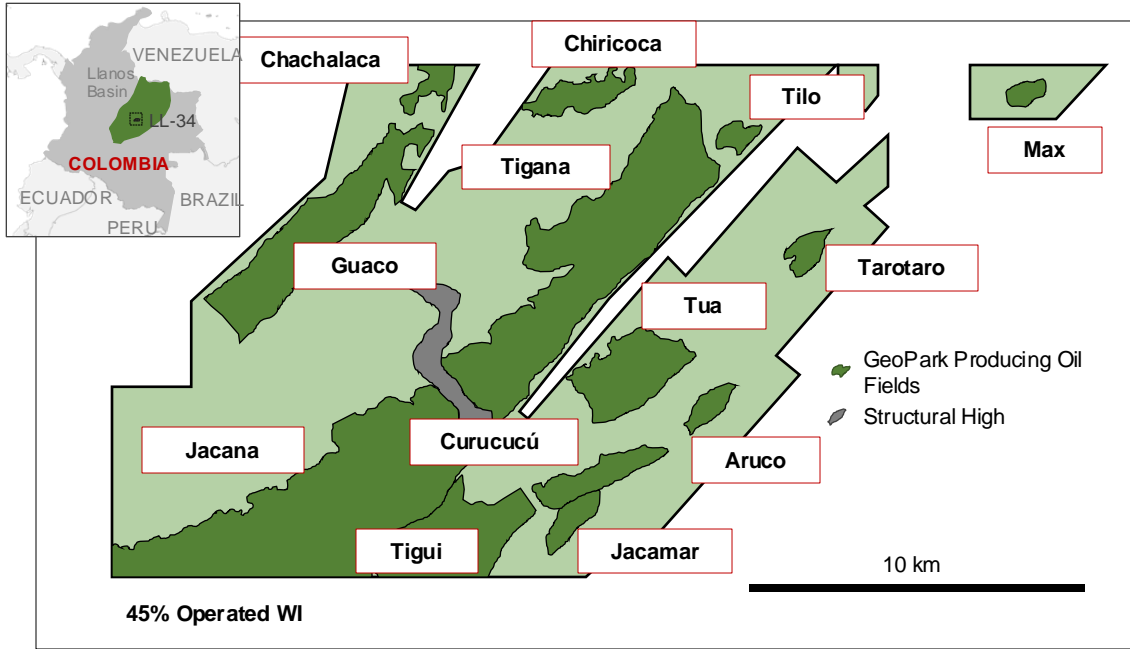


ETHICS AND GOVERNANCE HIGHEST STANDARDS

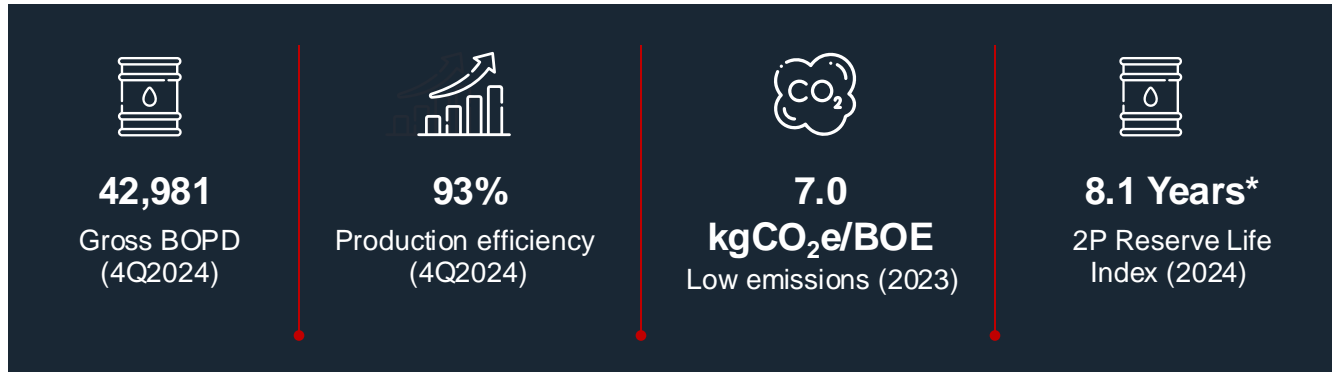
DISTINCTIVE AND DIVERSIFIED PORTFOLIO



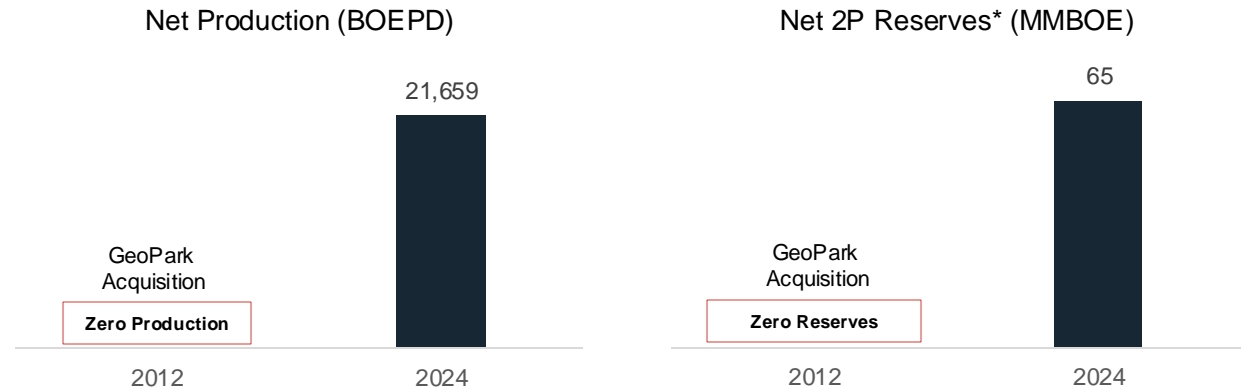
LLANOS 34 - A WORLD-CLASS ASSET



KEY METRICS



NET PRODUCTION AND RESERVES GROWTH



OVERVIEW

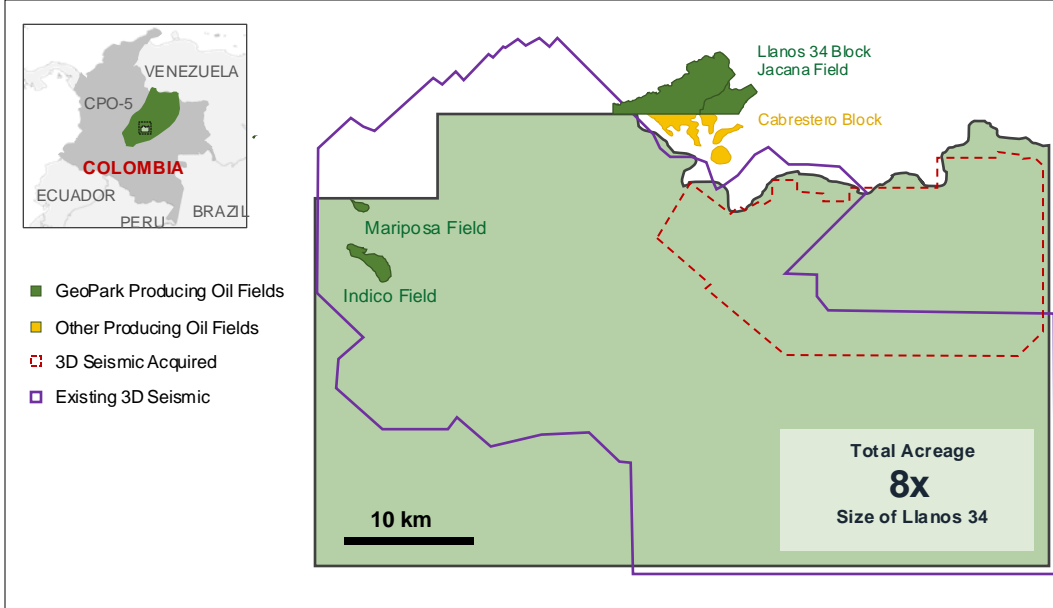
- Block acquired in 2012 with no reserves or production
- 13 oil fields discovered
- 252 gross wells drilled
- 197+ gross MMBBL produced
- Jacana is among Colombia's top 10 producing oil fields

2025 CAMPAIGN

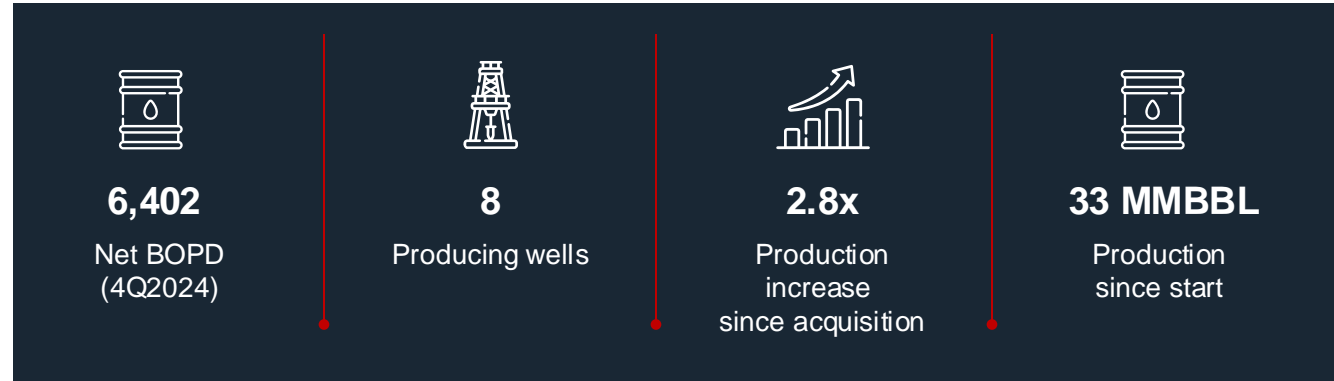
- Drilling 5-7 gross development, appraisal and injector wells,
- 29 workovers and 17 equipment upgrades
- Polymer injection pilot (EOR Program)

* 2024 D&M certified 2P Reserves.

CPO-5 – OPTIMIZING PRODUCTION



KEY METRICS



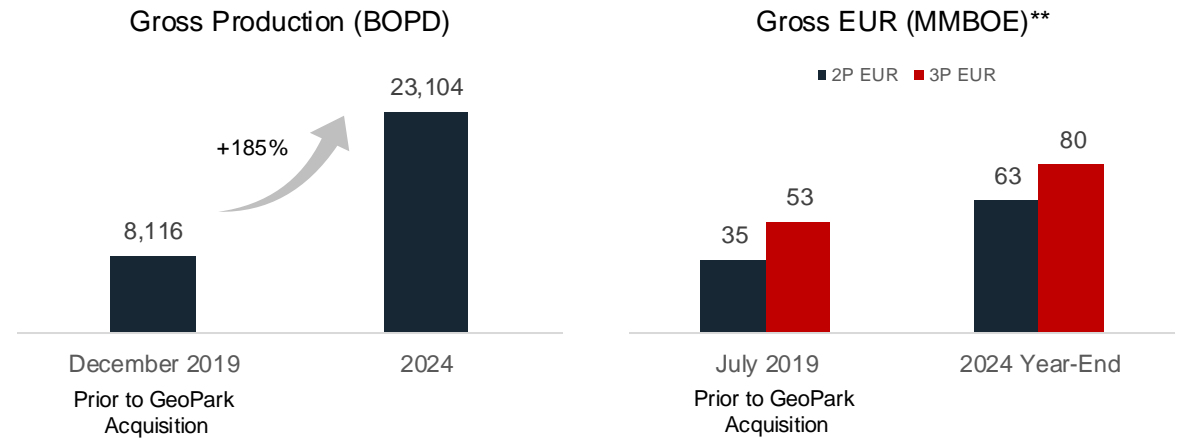
PRODUCTION & RESERVE GROWTH SINCE ACQUISITION

OVERVIEW

- Acquired in 2020
- Adjacent to core Llanos 34 Block
- Indico ranks among top 10 producing oil fields in Colombia

2025 CAMPAIGN

- Drilling 2-4 exploration wells
- Workovers to optimize mature production

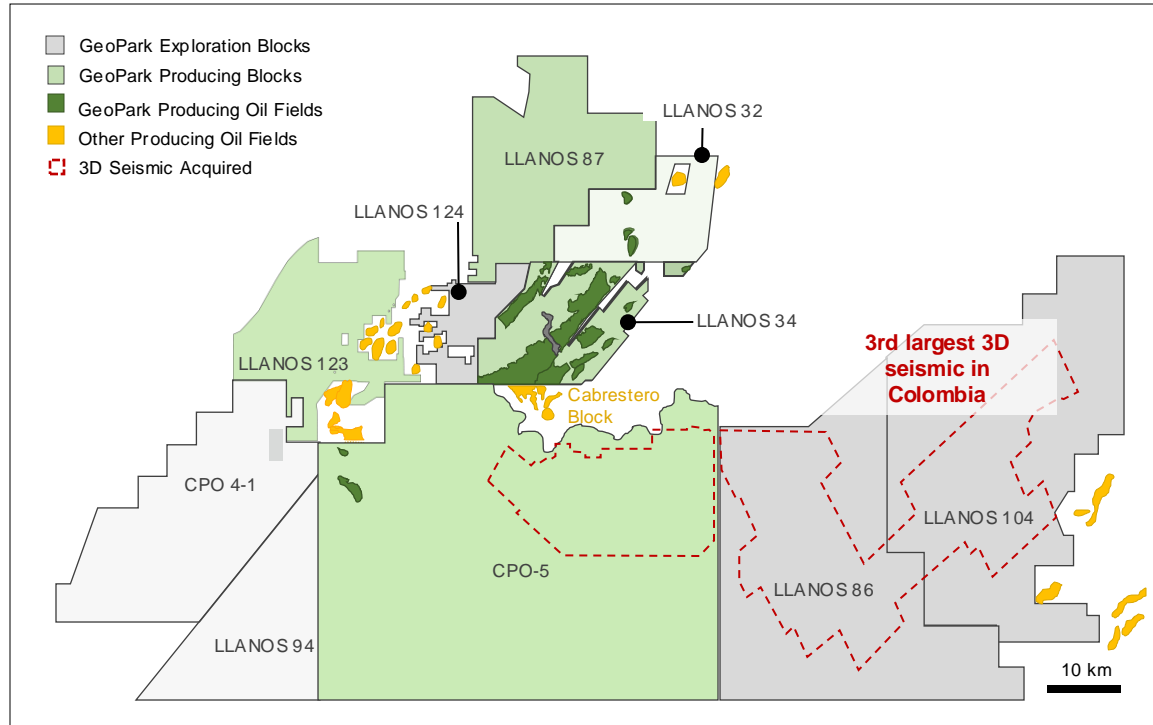


* 2024 D&M certified 2P Reserves.

** EUR (Estimated Ultimate Recovery) = Reserves plus cumulative production (2024 Year-end 2P and 3P Reserves were certified by D&M).

LLANOS BASIN EXPLORATION AND APPRAISAL CAMPAIGN

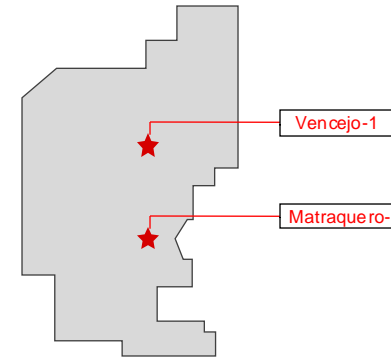
OPPORTUNITIES IN WELL-KNOWN BASIN



- ★ Appraisal Wells
- ★ Exploration Wells
- ▭ 3D Seismic Acquired

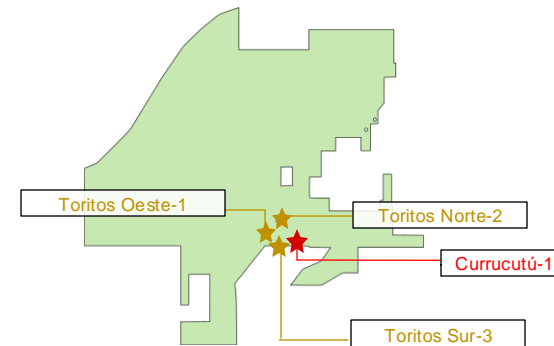
2025 CAMPAIGN

LLANOS 104



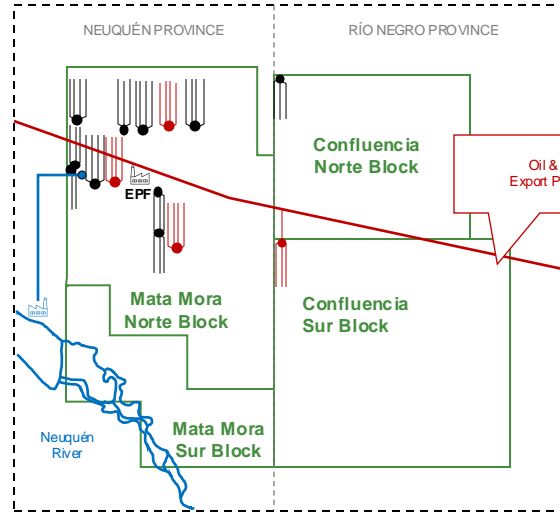
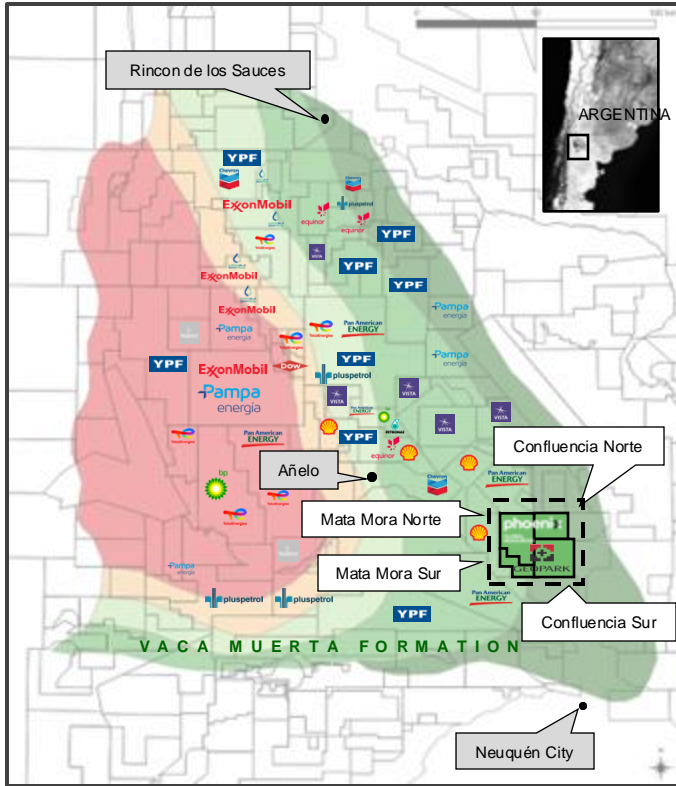
- Drilling the first exploration wells

LLANOS 123



- Delineation and development of new discoveries: Toritos, Saltador, and Bisbita
- One exploration well

VACA MUERTA - RIGHT FIT FOR OUR LONG-TERM VISION



**Key Infrastructure in Place
(Oil Pipelines & Water Availability)**

MATA MORA NORTE

- 43,243 acres
- 33 producing wells
- Gross Production: 15,052 BOEPD*
- Net 2P Reserves: 75 MMBOE**
- Exploitation License to 2056

CONFLUENCIA NORTE

- 25,698 acres
- 3 producing wells
- Gross Production: 3,108 BOEPD*
- Net 2P Reserves: 1.4 MMBOE**
- Net Certified 3C Contingent Resources: 38 MMBOE
- Exploitation License to 2026

MATA MORA SUR

- 11,861 acres
- Net Certified 3C Contingent Resources: 24 MMBOE
- Exploitation License to 2026

CONFLUENCIA SUR

- 41,513 acres
- Net Certified 3C Contingent Resources: 52 MMBOE
- Exploitation License to 2026

2025 CAMPAIGN

- Drilling 7-8 gross development wells in Mata Mora Norte
- Drilling 3-4 gross exploration wells in Confluencia Sur

2028 Expectation (Net):



Production
19,000 - 20,000
BOEPD



Reserves
49.5 MMBOE
(+ ~50 MMBOE from
exploration)



Adj. EBITDA***
\$290 – 400
Million

phoenix GLOBAL RESOURCES



MERCURIA

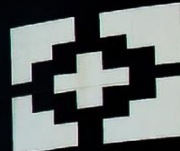
Right partner

Focus on unconventional oil and delivery of consistent results, growing from 0 to 12,500 BOEPD in less than 3 years

* 4Q2024 average production.
** 2024 D&M certified 2P Reserves.
*** Using an average Brent price of \$70-\$80 / BBL.



FINANCIAL FLEXIBILITY AND STEWARDSHIP



GEOPARK

2025 WORK PROGRAM – MAXIMIZING VALUE

2025 WORK PROGRAM PRINCIPLES



Highly Profitable, Dependable and Sustainable

Targets to maintain and improve efficiency and profitability
 Underpinned by operational excellence & comprehensive sustainability strategy
 Decreasing environmental footprint: 35-40% carbon intensity reduction vs. 2020



Focus on Growth through Big Assets, Big Basins and Big Plays

Distinctive Assets: Llanos 34, CPO-5, Vaca Muerta
 Differentiated Basins: Conventional & Unconventional
 Diversified Footprint: Colombia, Argentina, Brazil



Near Term Performance, Long Term Vision and Targets

Strong organic footprint leveraged by accretive inorganic opportunities



Financial Flexibility and Stewardship

Comply with its conservative leverage metrics
 Focus on continuing to generate attractive cash flows
 Diversified financing sources available
 Proactive hedging strategy

2025 PROGRAM HIGHLIGHTS



35,000 ± 2,500

BOEPD Production

78% Conventional
 22% Unconventional



23 - 31

Gross Wells

13 - 19 wells **Colombia**
 10 - 12 wells **Vaca Muerta**



\$275 - \$310 MM

Capital Expenditures



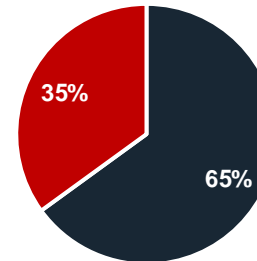
10 - 15

Exploration Wells

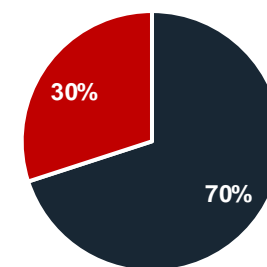
7 - 11 wells **Colombia**
 3 - 4 wells **Vaca Muerta**

2025 CAPEX BREAKDOWN

■ Development
 ■ Exploration & Appraisal



■ Argentina
 ■ Colombia

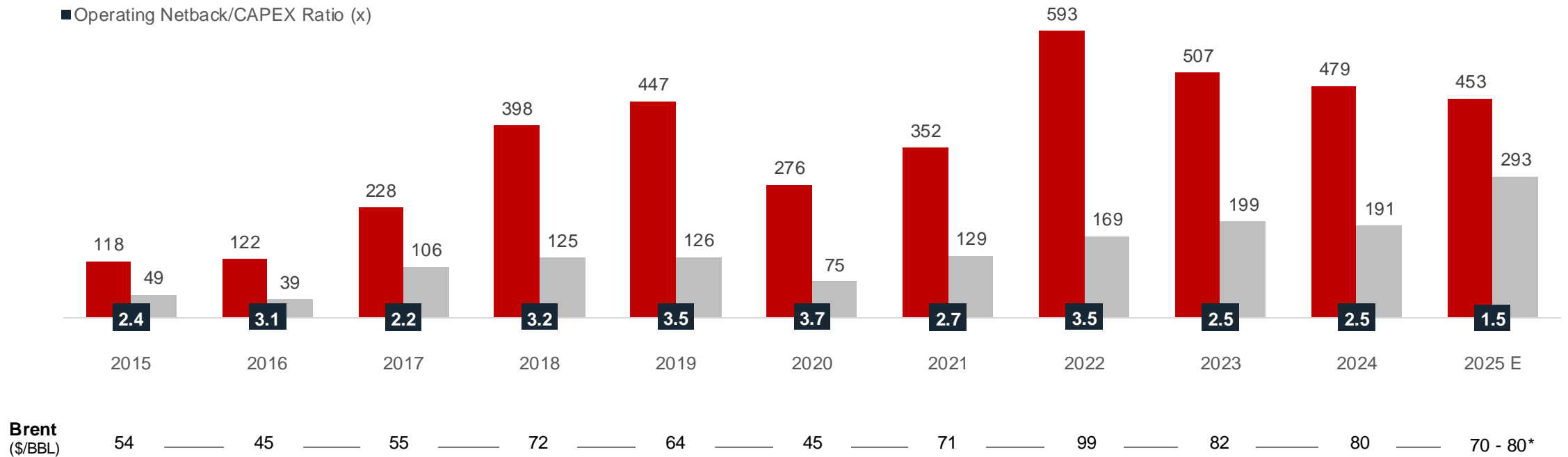


2025E Production
 Colombia 74%
 Argentina 21%
 Ecuador and Brazil 5%

COST & CAPITAL EFFICIENCY

STRONG OPERATING PERFORMANCE DRIVE LONG-TERM EFFICIENCY

- Operating Netback (\$MM) = Adjusted EBITDA + G&A/G&G
- CAPEX (\$MM)
- Operating Netback/CAPEX Ratio (x)

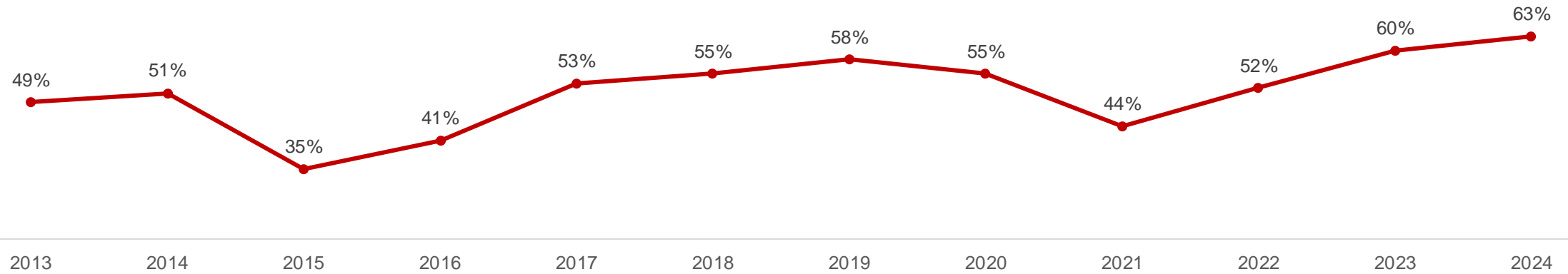


RETURN ON AVERAGE CAPITAL EMPLOYED (ROACE) OF 34%**

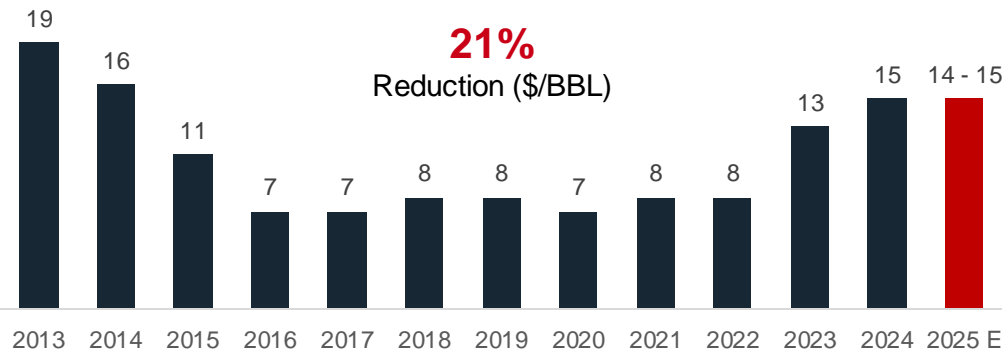
* Brent assumption for 2025.
 ** Return on Average Capital Employed is defined as last twelve-month operating profit divided by average total assets minus current liabilities. As of December 2024.

PROFITABLE OPERATOR

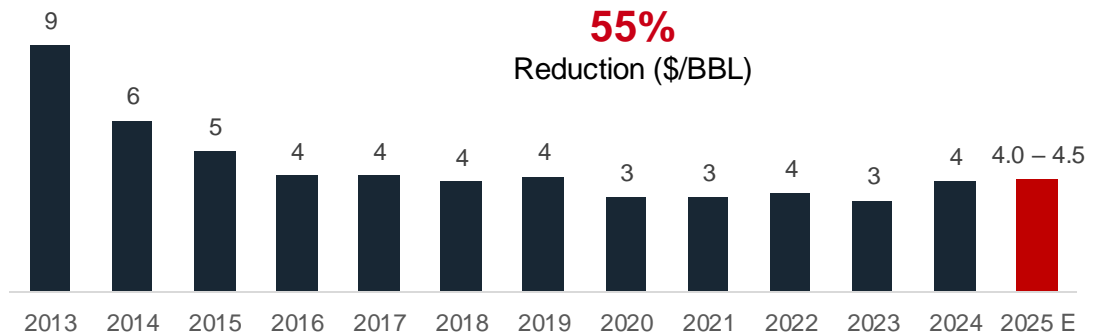
ADJUSTED EBITDA MARGIN



OPERATING COSTS PER BARREL SOLD



G & A PER BARREL



STRONG BALANCE SHEET WITH SAFETY NETS IN PLACE

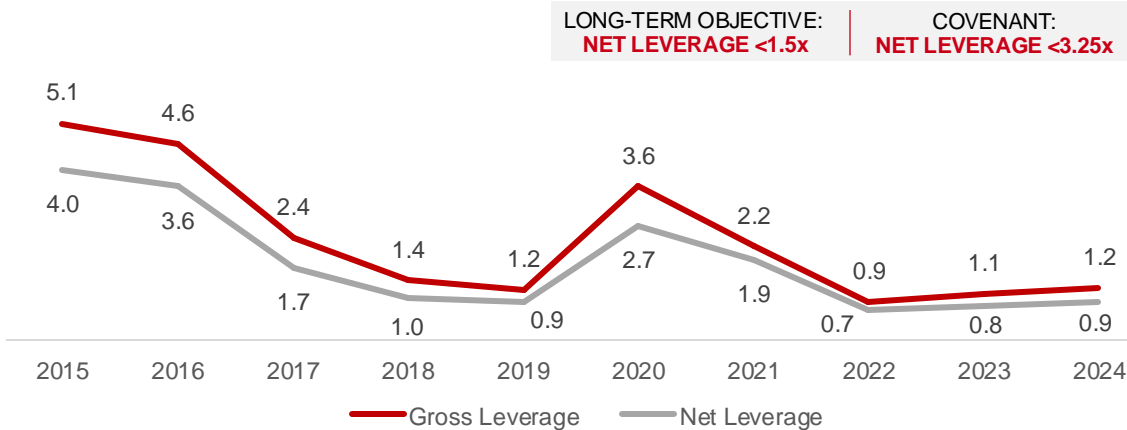
ASSETS, LIABILITIES AND SAFETY NETS

\$277 MM Cash Year-End 2024	Hedges in Place Securing Base Oil Price
\$1.8 BN* 2P Net Present Value	\$550 MM Bond Maturing 2030 (8.75% Coupon)
Over \$150 MM Committed Competitive and Flexible Financing	\$95 MM Bond Maturing 2027 (5.50% Coupon)

2025 FREE CASH FLOW

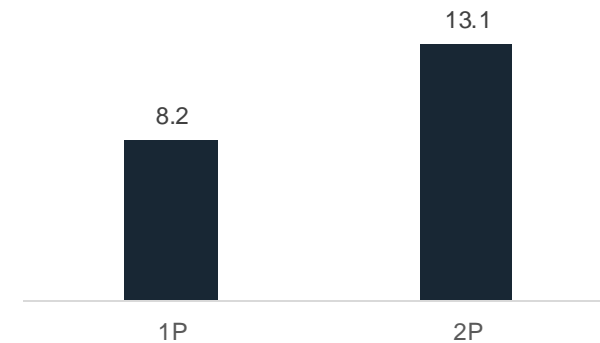


GROSS & NET LEVERAGE**



RESERVE LIFE EXCEEDS DEBT MATURITY

TOTAL PRO FORMA RESERVE LIFE INDEX (YEARS) – D&M 2024



*2024 D&M certified 2P Reserves on a pro forma basis.
** Gross and Net Debt/Adjusted EBITDA (x)

HEDGING PROGRAM SECURES BASE OIL PRICE

APPROACH

- ❖ Low-Cost Operator
- ❖ World-Class Asset Quality



12-15 MONTHS
Tenor



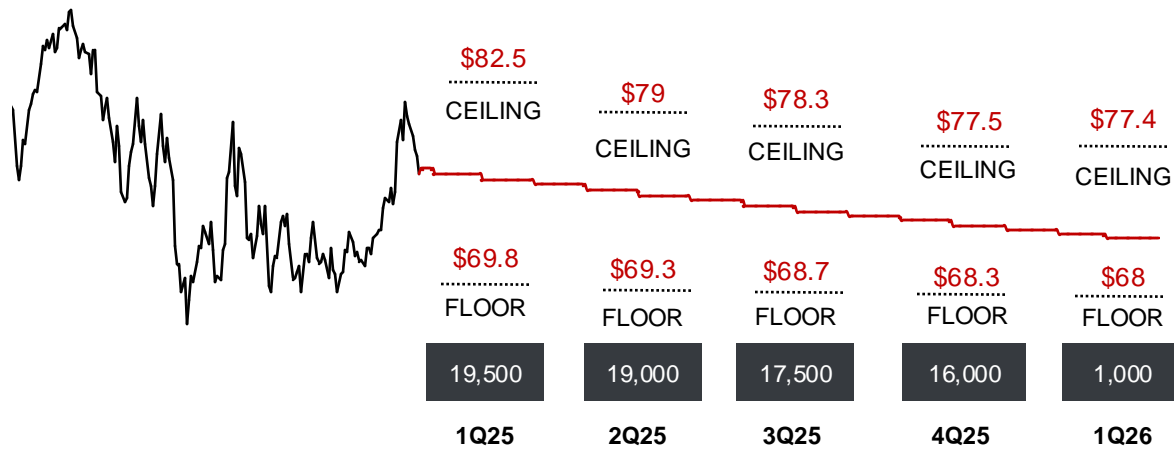
50-70% PRODUCTION
Hedge Target



43% AVERAGE HEDGING RATIO (2024)
67% AVERAGE HEDGING RATIO (2025)
On track with target

HEDGE BOOK OVERVIEW

BRENT \$ /BBL



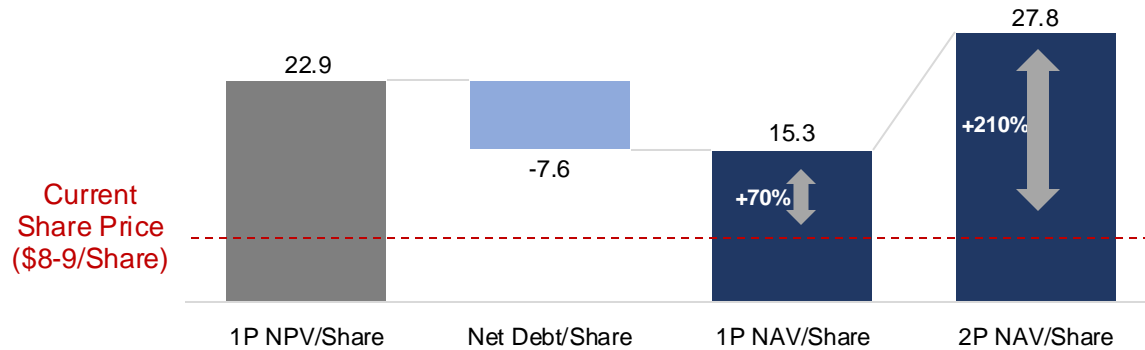
Hedged Production (BBL/D)
 Average Hedged Levels
 Brent Futures as of February 28, 2024
 Brent Spot

TOP TIER AND DIVERSIFIED COUNTERPARTS



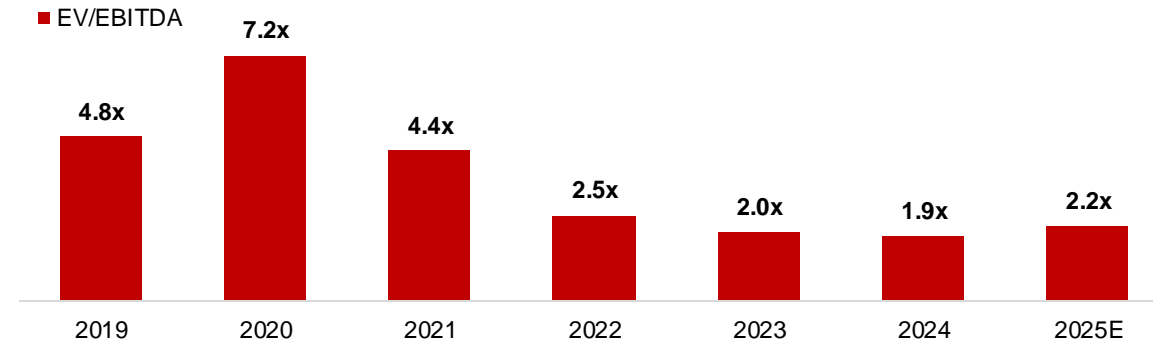
2025 PROVIDES UNIQUE ENTRY POINT

ATTRACTIVE NAV/SHARE VALUATION



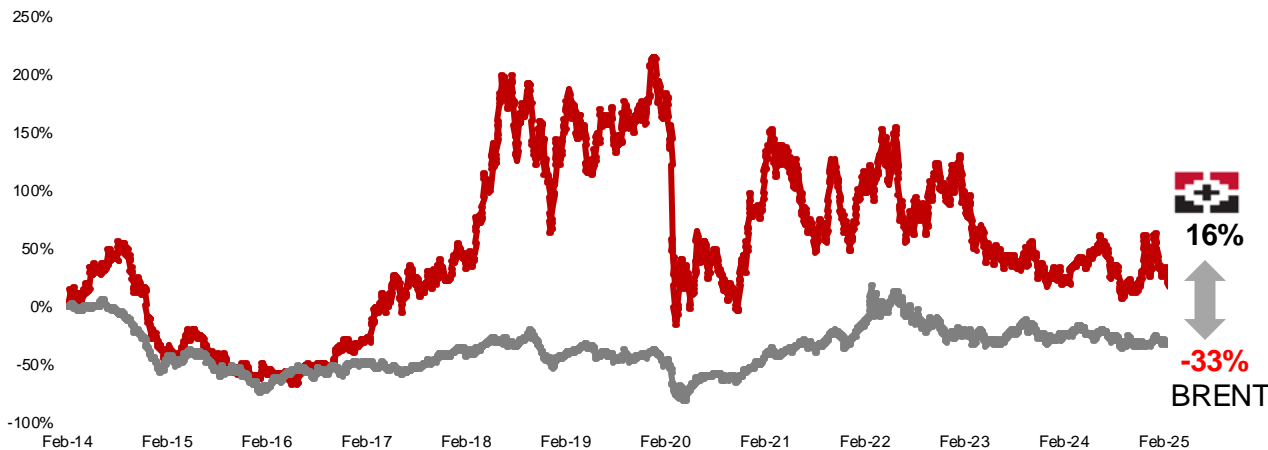
Source: 2024 D&M Report & December 2024 Financial Statements.

TRADING BELOW HISTORICAL MULTIPLES

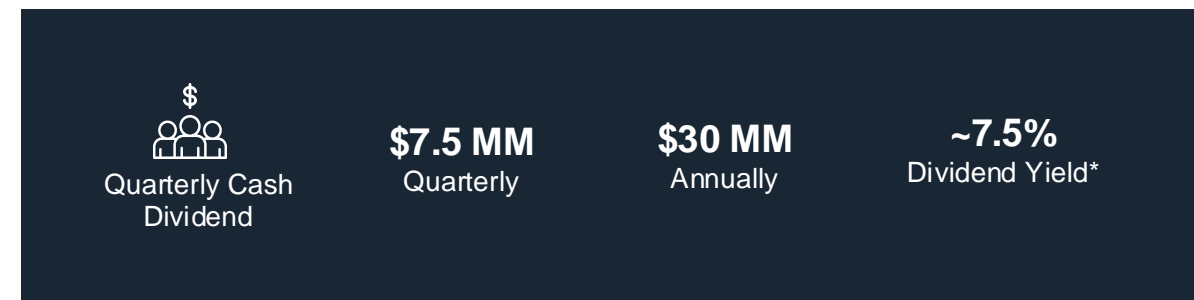


Source: Bloomberg.

SHARE PERFORMANCE SINCE NYSE IPO (2014)



2025 SHAREHOLDER VALUE RETURN STRATEGY



* Dividends divided by market capitalization on February 29, 2024.

SPEED
SINCE DAY ONE



OUR SUSTAINABILITY FRAMEWORK

LONG-TERM VIABILITY AND SHARED POSITIVE IMPACT



- FINANCE
- PUBLIC POLICY AND LEGAL
- UPSKILLING
- COMMUNICATIONS
- INNOVATION AND TECHNOLOGY

FOCUS
Stakeholder & Double Materiality
 Eight Priority Topics: Mid-term Strategy

ACTION
Strategic Management Fronts
 Operational Efficiency
 Risks & Opportunities
 Impact Multiplier

ENABLERS
Supporting the System
 Securing/unlocking New Sources of Capital
 Driving Innovation
 Stakeholder Engagement

DRIVING SUSTAINABILITY FORWARD



GHG EMISSIONS INTENSITY REDUCTION TARGETS

Scopes 1 & 2 (GeoPark operated) baseline: 2020
 Three levers: Clean Energy, Energy Efficiency and Methane Management

Short-Term: 2025
 - 35-40%

Medium Term: 2030
 - 40-60%

Long Term: 2050
 Net Zero

2024 Emissions Intensity 10.3 kg CO₂/boe
 -14.3 kg CO₂/boe vs. baseline



COMPLIANCE WITH ENVIRONMENTAL MANDATORY REQUIREMENTS AND COMMITMENTS

Circular Economy and Water management plan

ZERO OIL SPILLS in 2024

Environmental Management System certified since 2017



Updated Human Rights System based on the UN Guiding Principles on Business and Human Rights

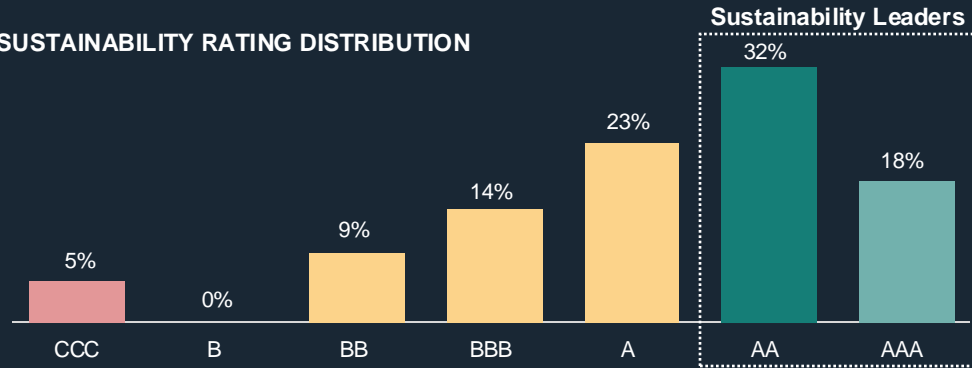


+\$10 million in socio-environmental investment in 2024
 +100,000 beneficiaries in our zone of influence
100% of our employees own Company shares

'SUSTAINABILITY LEADER' & INDUSTRY MOVER

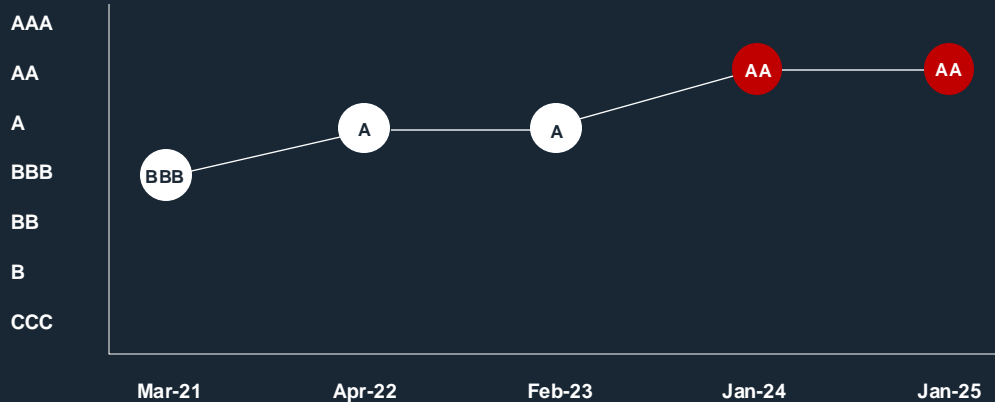
MSCI: RATINGS EVOLUTION

SUSTAINABILITY RATING DISTRIBUTION



Universe: MSCI ACWI Index constituents, Oil & Gas Exploration & Production, n=22

SUSTAINABILITY RATING HISTORY



Sustainability Rating history shows five most recent rating actions



- ▶ Included for the first time in the S&P Sustainability Yearbook 2025 and named Oil & Gas Upstream & Integrated Industry Mover



- ▶ Participated for the third year in the DJSI Corporate Sustainability Assessment (CSA)



- ▶ Signatory to the UN Global Compact and its 10 principles on Human Rights, labor, environment, and anti-corruption

AWARD-WINNING SUSTAINABILITY EFFORTS 2024

- ▶ Decarbonization Commitment: Schneider Electric
- ▶ Climate Action Plan and Strategic plan of circular economy: ACP, *Hechos de Sostenibilidad*
- ▶ Contribution to capacity building and greater impact in data utilization: ANDI – National Center of Water

GOVERNANCE – DIVERSE AND EXPERIENCED BOARD



INDEPENDENT BOARD MEMBERS

Audit
Nomination & Corporate Governance
SPEED

SYLVIA ESCOVAR
Chair of the Board
Former CEO of Terpel

Audit
Nomination & Corporate Governance
Compensation

ROBERT A. BEDINGFIELD
Former Lead Partner at EY

Compensation
Technical
Strategy & Risk

BRIAN F. MAXTED
Co-founder and Former CEO & CXO of Kosmos Energy

SPEED
Technical
Strategy & Risk

JAMES F. PARK
Co-founder and Former CEO of GeoPark

Compensation
Technical
Nomination & Corporate Governance
Strategy & Risk

SOMIT VARMA
Former Global Head of Oil, Gas, Mining and Chemicals at the International Finance Corporation (IFC) and MD at Warburg Pincus

Audit
Compensation
Strategy & Risk

CONSTANTIN PAPADIMITRIOU
CEO of General Oriental Investments S.A.

Technical
Strategy & Risk

CARLOS E. MACELLARI
Former Director of Geology at Repsol and Former Director of Exploration and Development at Tecpetrol

SPEED

MARCELA VACA
Former General Director of GeoPark Colombia

EXECUTIVE BOARD MEMBERS

SPEED
Strategy & Risk

ANDRÉS OCAMPO
CEO and Former CFO of GeoPark



LATIN AMERICA IS AN OPPORTUNITY RICH ENVIRONMENT

GEO PARK APPROACH

STRONG TRACK RECORD OF CREATING VALUE THROUGH ACQUISITIONS

- Geology first: best basins, best rocks, best play types selected by G&G Team
- Achieve scale with value: production and reserves with upside
- Great economics: low breakevens, value accretive
- Balanced portfolio: different plays, basins, countries, fluid types
- Big petroleum systems: Conventional & Unconventional, Onshore, Shallow Offshore



MULTIPLE OPPORTUNITIES

GeoPark targets attainable high-impact opportunities in Argentina, Colombia and Brazil.

- Value accretive
- Achieve target scale
- Strengthen balance sheet and provide a platform for future growth
- Growth / upside / synergies

