MEDCOENERGI

PT Medco Energi Internasional Tbk Investor Update

PT Medco Energi Internasional Tbk
(IDX Ticker: MEDC)
February 2023

CONTENTS

KEY MESSAGES

- Strong Operational and Financial Performance
- Higher Full Year Production and Power Sales Guidance
- Corridor GSPL GSA signed
- Continued Deleveraging
- Successful Corridor Integration
- Continued ESG Improvement
- Reaffirm Dividend Guidance

Corridor – Suban Plant

Madura Offshore - Meliwis

Sumbawa PV 26 MWp

NINE MONTH RESULTS

FINANCIAL & OPERATIONAL PERFORMANCE

- Operations
  - Oil & Gas production 161 mboepd
  - Power generation sales 2,930 GWh
  - AMNT Copper production 331 Mlbs & Gold 554 Koz
- Financials
  - EBITDA US$1,232mn, Net Income US$401mn
  - Oil price US$101.4/bbl, Gas price US$7.9/MMBTU
  - Capex: Oil & Gas US$150mn, Power US$24mn
  - Cash costs US$7.2/boe

SUSTAINABILITY

- Continued ESG improvement:
  - Sustainalytics from 42.2 to 36.7
  - MSCI from BBB to A
- CDP score improved from C to B
- Included in IDX LQ45 Low Carbon Leaders Index
- Progressing Kansai CCS and PLN Hydrogen collaborations
- Participated in COP 27 Indonesia delegation
- Materiality Assessment set 2022 - 2027 goals on Climate Change, Energy Transition, and Business Ethics
- On track for Energy Transition 2025 and 2030 targets

GROWTH

- New GSPL GSA signed
- Investment decisions:
  - Ijen Geothermal 34 MW
  - Sumbawa LNG Regasification terminal 77 MMSCFD
  - Bali PV 50 MWp
- Corridor integration identified ~US$50mn recurring synergy
- Natuna first gas Malong and Belida Extension expected year end

CAPITAL STRUCTURE

- RG[1] Net Debt to EBITDA 1.5x, 2.3x LTM[2] mid-cycle price
- Tender offers and buybacks retired US$456mn of 2025-2028 Notes
- USD capital market Notes reduced to 53% of consolidated debt
- US$273mn RG debt repaid since Corridor acquisition
- Paid 2021 Final US$35mn and 2022 Interim Dividend US$25mn
- Reaffirm dividend guidance IDR15-20/share

1) Restricted Group (RG): excluding Medco Power Financials
2) Last Twelve Months

CORE BUSINESS IS DELIVERING – NINE MONTH RESULTS

Build long-term value with a portfolio of sustainable energy and natural resource businesses

CLIMATE CHANGE STRATEGY

US$ BOND RESTRICTED GROUP

Oil & Gas

Production 161 mboepd

79/21	45/55
% of Gas/Liquids	% of Indexed/Fixed Price

12 Onshore Production Assets

5 Offshore Production Assets

Safety Records	9M-22	9M-21
• Number of Fatalities	0	0
• Lost Time Incident Rate	0.00	0.00
• Total Recordable Incident Rate	0.29	0.35

Clean Power

Installed Capacity 939 MW IPP | 1,925 MW O&M

50 MWp	34 MWe	77 MMSCFD
Bali Solar PV	Ijen Geothermal Phase 1	Sumbawa LNG Regasification

Transition & Renewable Power Under Construction

7 Operated Gas-Fired IPPs

1 Operated Geothermal IPP

1 Solar PV IPP

Safety Records	9M-22	9M-21
• Number of Fatalities	0	0
• Lost Time Incident Rate	0.00	0.00
• Total Recordable Incident Rate	0.00	0.00

Copper & Gold Mining

Production 331 Mlbs Copper | 554 Koz Gold

900,000 Tonnes per annum

Copper Concentrate Smelter Capacity

Under Construction

23% Ownership

17.5 bn pounds of copper and 23.9 mn ounces of gold reserves

25,000 ha Mineral mining rights area

120,000 Tonnes per day of Ore

BUSINESS STRATEGY IS DELIVERING

Building a Leading Southeast Asian Energy and Natural Resources Company

CLIMATE CHANGE STRATEGY

US$ BOND RESTRICTED GROUP

Oil & Gas

- Extend reserve life and add value through low risk exploration on producing licenses
- Aggregator of regional mature producing assets
- Increase efficiency, abate emissions, grow gas portfolio as a Transition Fuel
- Continue trajectory on ESG and credit ratings to deliver long term shareholder return

Target: Scope 1&2 GHG emissions[1]	2025: ⬇20% 2030: ⬇30%
Target: Methane emissions[1]	2025: ⬇25% 2030: ⬇37%

Clean Power

- Grow Clean and Renewable Portfolio with larger scale projects
- Transition to Low Carbon Energy
- Build expertise on Geo-thermal, PV, LNG and Hydrogen

Renewable installed capacity[2]	2025: 26% 2030: 30%

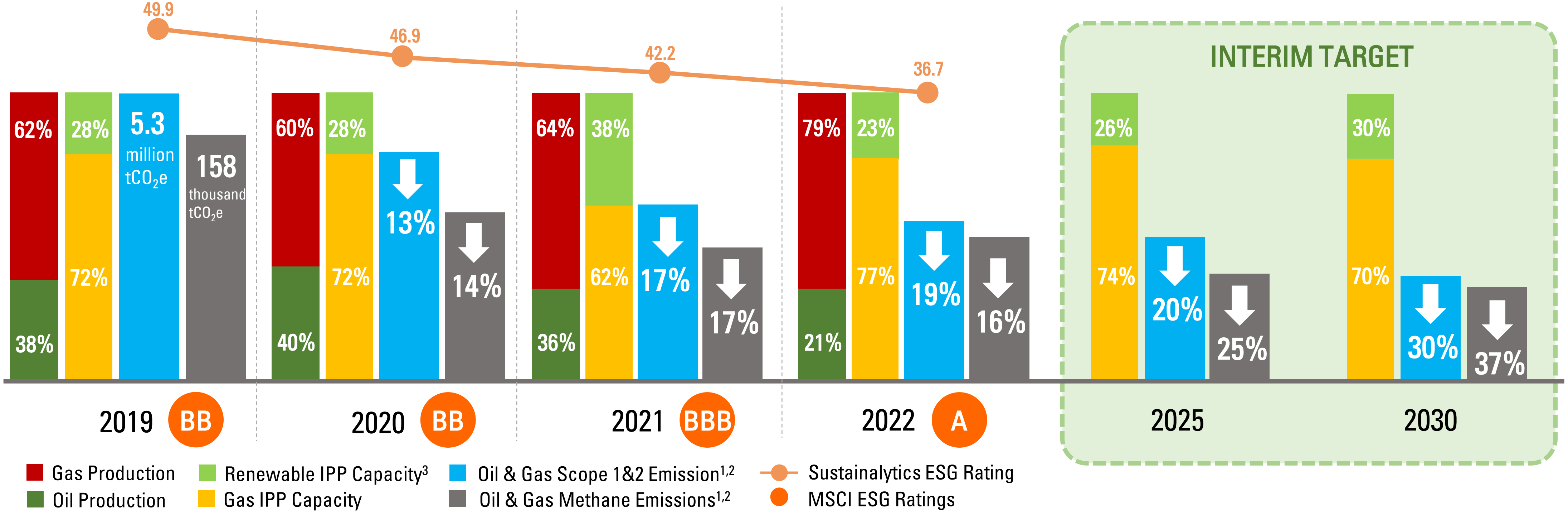
Copper & Gold Mining

- Exposure to world class copper resource
- Develop the significant discoveries on the existing license
- Growing electrification will continue to support copper demand

26MWp PV installed with further solar expansion & wind study in progress

1) Reduction below 2019 base year emissions. E&P Scope 1&2 GHG and methane operational control emissions including Corridor & Ophir. Corridor data assurance in progress 2) Base year 2019 : 28%. Government of Indonesia target 2025: 23% and 2030: 25%

CONSISTENT FOCUS ON ESG IMPROVEMENT



2013: RENEWABLE ENERGY
Signed Sarulla, the world's largest single contract geothermal

2020: Natuna scope 1&2 emissions reduced by 20% since 2019

2025: Issue scope 3 emissions target

2016: EXPANSION
Acquired Natuna PSC and Amman Mineral Nusa Tenggara

2022: DELIVERING ON ESG COMMITMENTS

- Achieved ~90% of Sustainability Goals
- Issued Interim Climate Change Targets
- Acquired Corridor PSC

CONTINUING TO BUILD ON OUR SUSTAINABILITY ROADMAP AND FRAMEWORK

2023
- Update Goals and KPIs based on 2022 Materiality Assessment
- Enhance Sustainability & Climate Change Capability.
- Establish Human Rights Policy
- Quantitative Climate-related Risk Assessment

2024
- Develop Just Transition Plan.
- Embed Climate Change Strategy in Corporate Business and Financial Plan.
- Enhance governance, systems, capability building for Human Rights

2025
- Reduce 20% of E&P GHG Scope 1 & 2 Emissions
- Reduce 25% of E&P Methane Emissions
- Increase Renewable Mix Installed Capacity by 26%
- Disclose Scope 3 Emissions
- Commit to Upstream CCS pilot project.

2026
- Internal carbon pricing and carbon trading: credit and offset.
- Partnership programs to promote data transparency and for implementation of best practices along value chain.

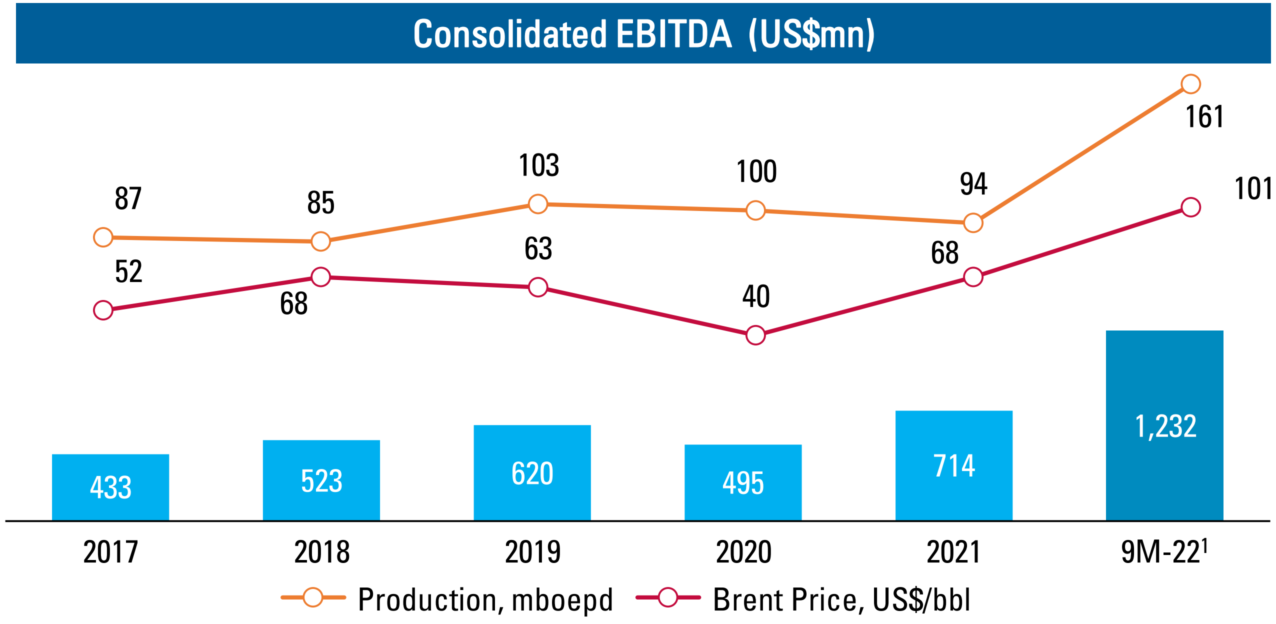
2027
- Further integrate Sustainability into business to enhance value creation
- Reach top quartile ESG performer in the Oil & Gas E&P sector in South East Asia
- Maintain or improve MSCI A, Sustainalytics 36.7, CDP B
- Materiality Assessment update for the next 5-year roadmap

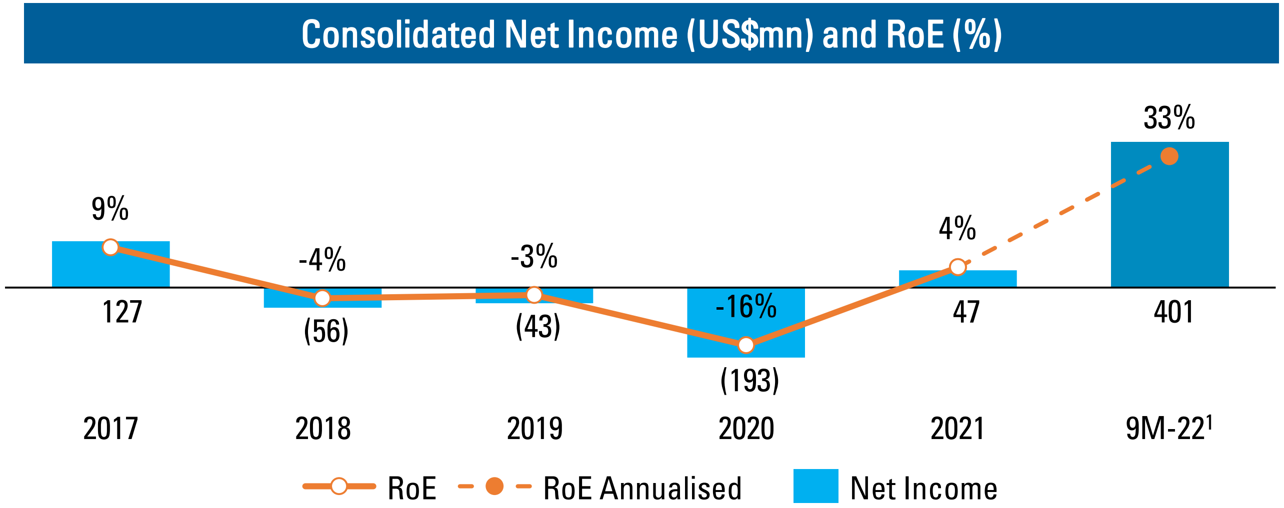
1) Scope 1&2 GHG and methane operational control emissions including Corridor & Ophir. Data assurance in progress
2) Reduction from 2019 base year
3) Power renewable equity share installed capacity. Government of Indonesia target 2025: 23% and 2030: 25%

MedcoEnergi

FINANCIAL PERFORMANCE

- Strong nine months EBITDA and Net Income with volumes and commodity prices above 2021
- Nine months EBITDA (US$1,232mn) and Net Income (US$401mn) above consensus
- Q3 EBITDA below Q2 due to lower commodity price



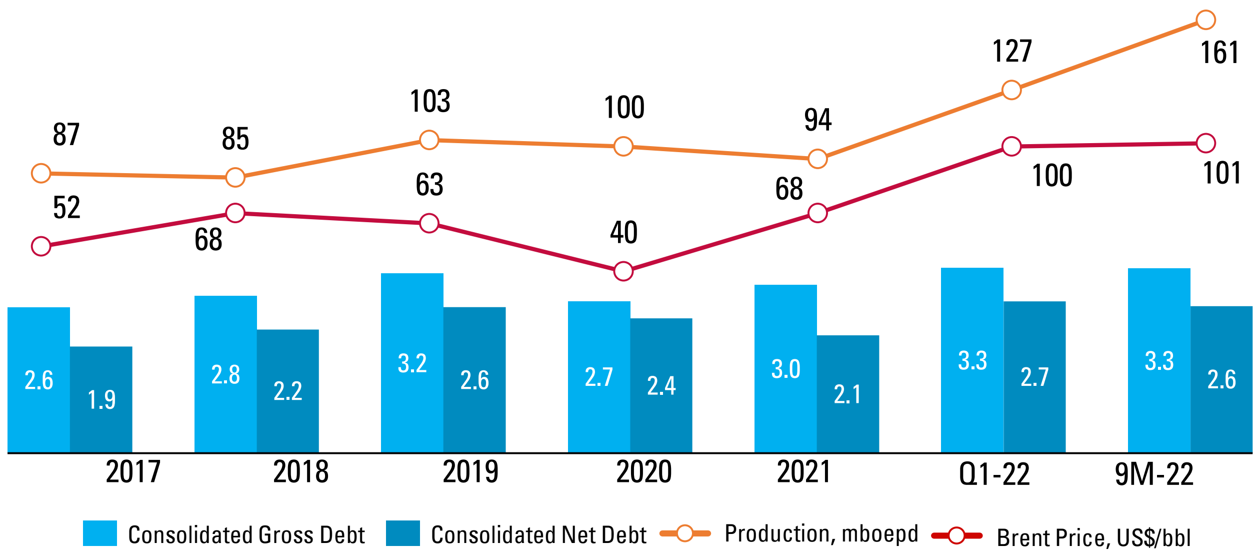


1) Corridor results are consolidated from March 2022.

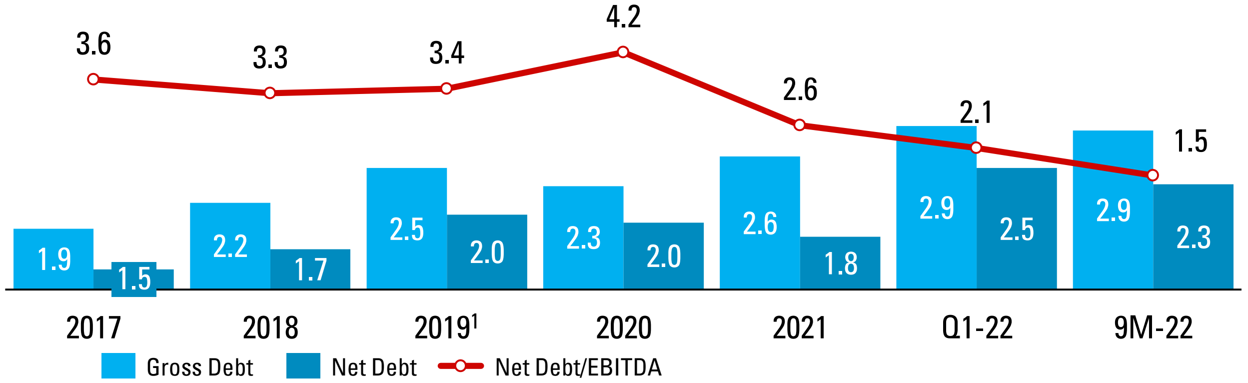
CAPITAL STRUCTURE

- Corridor acquisition US$850mn, funded with US$400mn 2028 Notes (Q4-21) and US$450mn 2-year amortizing loan (Q1-22)
- US$273mn RG debt repaid since acquisition. IDR Bonds issued in Q3-22 for US$95mn 2023 IDR maturities
- Amortization in place to fully repay acquisition debt during 2024
- Retired US$456mn Notes, USD capital market Notes are now 53% of consolidated debt
- RG Net Debt to EBITDA 1.5x, 2.3x LTM mid-cycle price. Below 2.5x mid-cycle leverage target
- Reaffirm dividend guidance IDR15-20/share

Consolidated Debt, Price, and Production (US$ bn)



Restricted Group Debt (US$ bn)



Debt numbers includes unamortized cost and excludes derivatives

1) 2019 pro forma Ophir was 2.8x. Ophir debt effectively repaid within 18 months

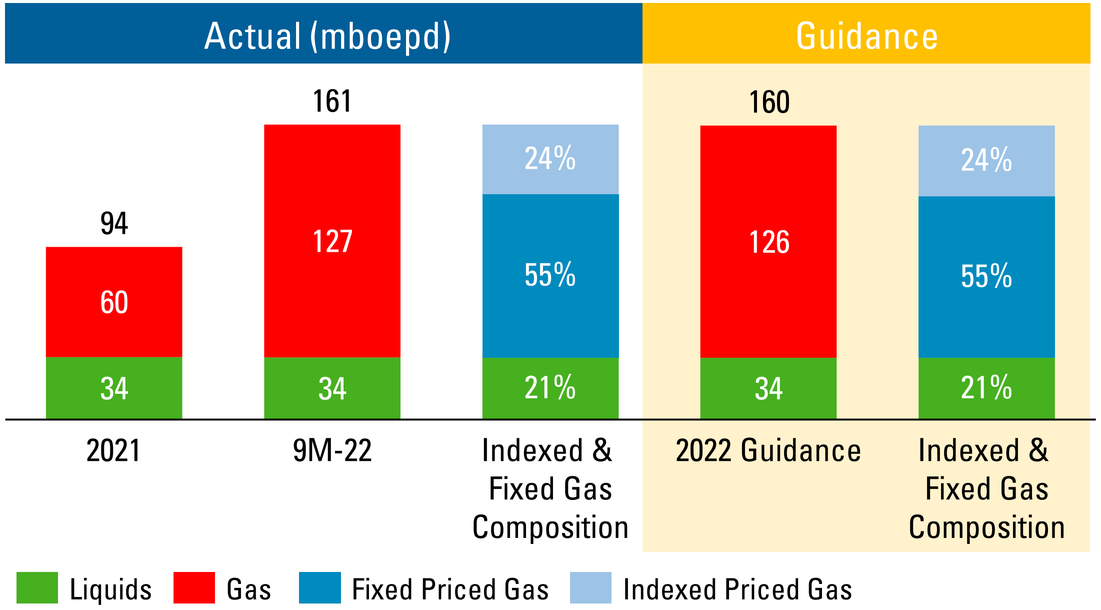
2022 GUIDANCE: PRODUCTION

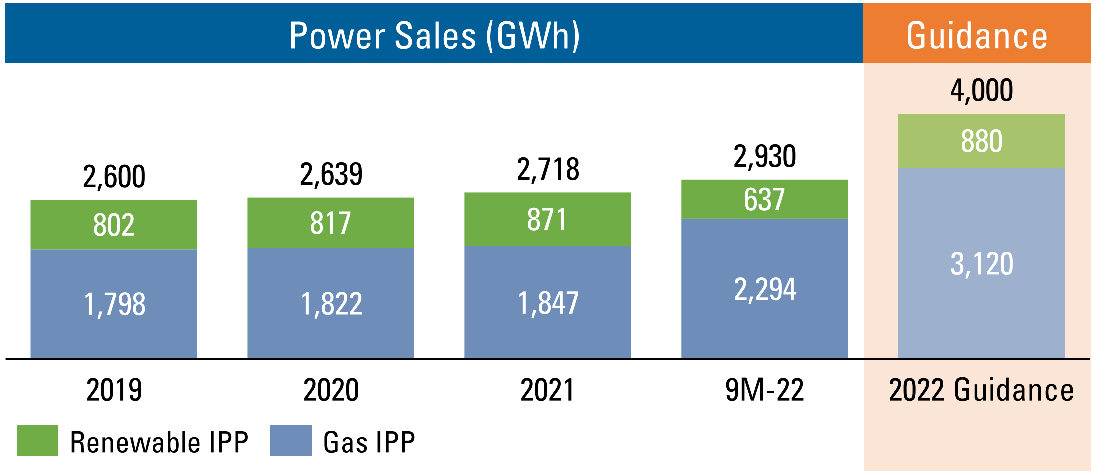
9M-22

- Oil & Gas 161 mboepd with continued strong gas demand
- Production 79% gas, 45% of total production exposed to current price environment, 55% at fixed price
- Power 2,930 GWh sales with additional capacity from 275 MW Riau IPP and 26 MWp Sumbawa PV IPP

2022 Guidance

- Production guidance increased 160 mboepd
- Fixed price gas contracts with Take-or-Pay are a natural hedge to future recession risk
- Power sales guidance increased to 4,000 GWh, to reflect stronger demand and expansion of renewables capacity





2022 GUIDANCE: EXPENDITURE

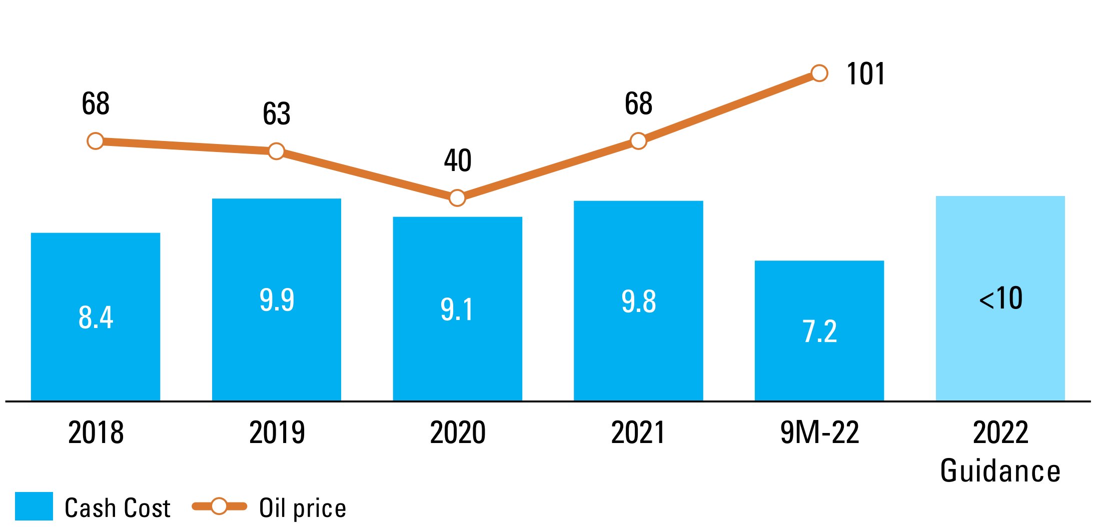
9M-22

- Oil & Gas capex US$150mn, Power[1] US$24mn. Capex spending for developments in Natuna and Riau IPP
- Higher Q3 opex due to acid fracturing, workovers and Sumatra production bonus
- Oil & gas cash costs[2] US$7.2/boe with ~30¢/boe deferred due to oil lift timing

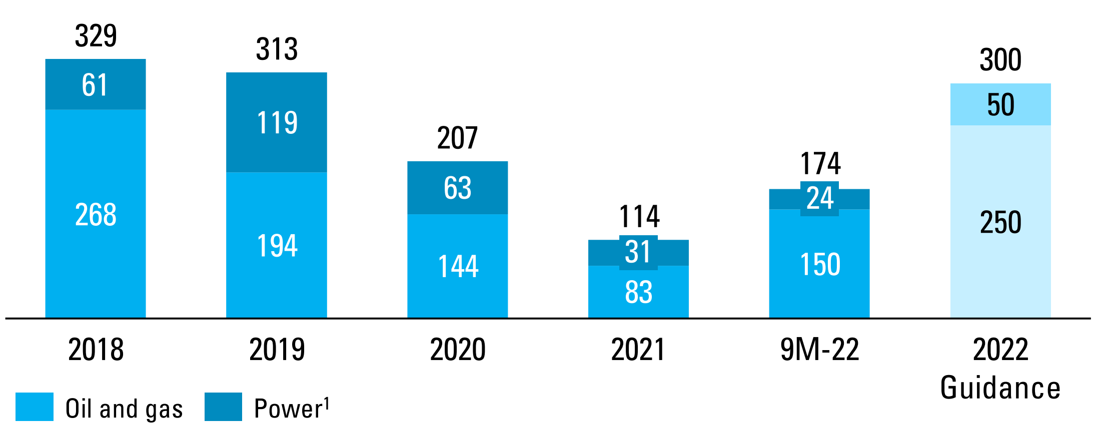
2022 Guidance

- Maintain Oil & Gas capex US$250mn, increased Power[1] capex guidance US$50mn
- Higher Natuna drilling and facility costs in Q4
- Progressing investment decision for two renewable developments and one energy transition project
- 2023-2024 flat capex, for Natuna, Corridor and expanding Power renewable portfolio
- Oil & Gas cash costs sub US$10/boe, further maintenance activity in Q4

Cash Cost/Unit (US$/boe)



Capex (US$mn)



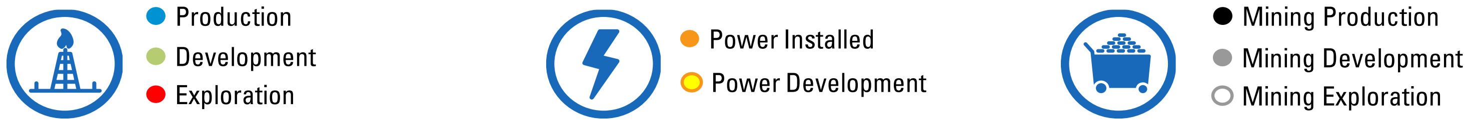
1) Power capex is net working interest
2) Unit cash cost excludes production and expenditure on Oman KSF service contract

WHAT TO EXPECT

- New GSAs on Corridor, Natuna and Senoro
- Fully integrated Corridor Medco Organisation
- Dividend payments and RG debt repayments funded from excess cash
- Continue selective portfolio management
- Place into service Natuna projects; Progress Senoro phase 2
- Investment decision on Ijen Geothermal, Sumbawa LNG Regasification Terminal and Bali PV
- Set 2022-2027 targets for continued ESG improvement

APPENDIX

MEDCOENERGI PORTFOLIO



MEDCOENERGI AT GLANCE

1. Southeast Asian independent natural resources company with large reserve base and production
2. Diversified portfolio of oil & gas, growing clean power and copper & gold mining businesses
3. Placed to benefit from rapid economic growth and expanding energy demand in Southeast Asia
4. Experienced low cost, safe and environmentally responsible Operator
5. Long term, stable, take-or-pay protected gas off-take contracts with blue chip customers
6. Track record of successfully executing complex capital projects within budget and on time
7. Targeted and disciplined portfolio management
8. Experienced Board and management team with strong ESG focus

TARGETED PORTFOLIO MANAGEMENT

Closed and Integrated Value Adding Acquisitions

Acquisitions have added value through enhanced scale, control and organizational competence. Acquisition targets are screened to ensure:

- Improved MedcoEnergi credit status and profitability
- Manageable risk (knowledge of asset, organization capabilities, subsurface, markets)
- Growth & upside potential and consistent with MedcoEnergi's energy transition strategy

2016	2016	2016/17	2017	2017/2019	2019	2022
South Natuna Sea Block B	**PT Newmont Nusa Tenggara**	**Block A, Aceh**	**Macmahon Holdings Ltd.**	**PT Medco Power Indonesia**	**Ophir Energy plc**	**ConocoPhillips Indonesian Assets**
Access to offshore capabilities and Singapore and Malaysia gas markets	Copper as a strategic component of electrification	Secured resources and project control	Access to core capabilities to improve mining operational efficiencies	Regain full control of MPI and secured full alignment of MPI business strategy	Expanded Southeast Asian presence	Entrenched position as the leading supplier of piped gas to Indonesia and Singapore markets
US$225mn	US$650mn (net)	US$65mn	US$143mn	US$161mn	£408mn	US$1,355mn

Portfolio Rationalization

- Non-core assets sales to focus business on oil & gas, power, and copper mining
- Further portfolio upgrading through selective asset divestments

2017/2019	2018/2019	2018 - 2020	2019	2021	2022/2023
Mature Assets	**Sale of Non Core Assets**	**Amman Mineral (AMNT)**	**Exit Ophir's deep water licenses**	**PT Medco Power Indonesia**	**International Non Operated Assets**
Bawean, 35% of SSB & Rimau PSC and acreages USA & Tunisia	• Divested water distribution project and small coal mine • Sale of 51% of property business	Monetized shareholder loan, conversion into equity, and sale of 3.7% and 10%	Mexico Block 5, EG, Aru, W Papua, Bangladesh, Vietnam	Medco Power and Kansai Electric formed a 60:40 strategic alliance in Gas IPP and O&M, for growth in the Power sector	Divestment of non-operated international assets
US$85mn	US$180mn	US$464mn	US$19mn	Investment in Growth	

CORRIDOR BLOCK, INDONESIA

Corridor integration is on track

MedcoEnergi (operator) - 54%
Repsol - 36%
Pertamina -10%

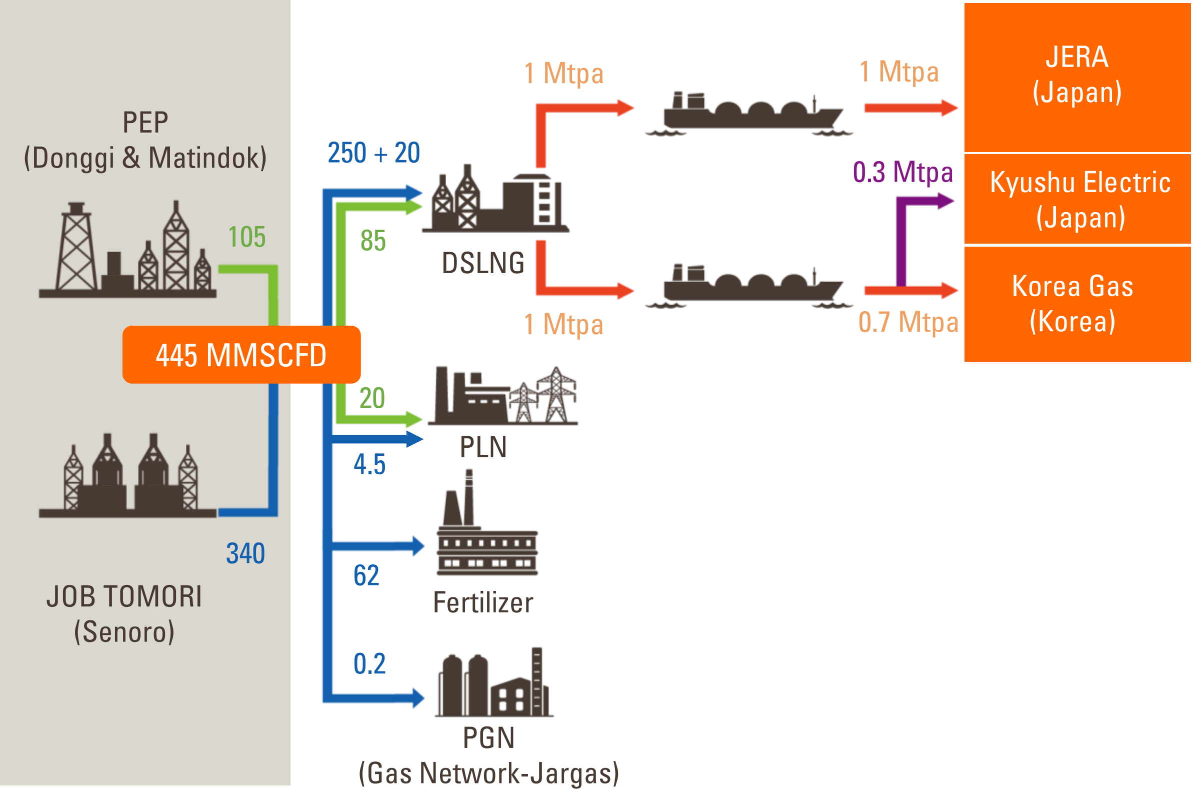
- Sumatra based PSC with 7 producing gas fields, and 2 producing oil fields
- Indirect ownership of gas pipelines to Duri and Singapore
- PSC extended to December 2043
- Energy Council "Asia Pacific Deal of The Year"

Integration and Adding Value

- Identified ~US$50mn operational, procurement, and commercial recurring synergy
- Immediately accretive with production volumes and price above acquisition case
- Completed systems integration in Q2, office and organizational integration on track for end-2022
- Now focus on Reserve additions and ESG targets
- GSPL GSA extension

SENORO-TOILI, INDONESIA

Integrated phased gas development



Upstream (Gas Producer)	Downstream (Gas Buyer)	LNG Buyer

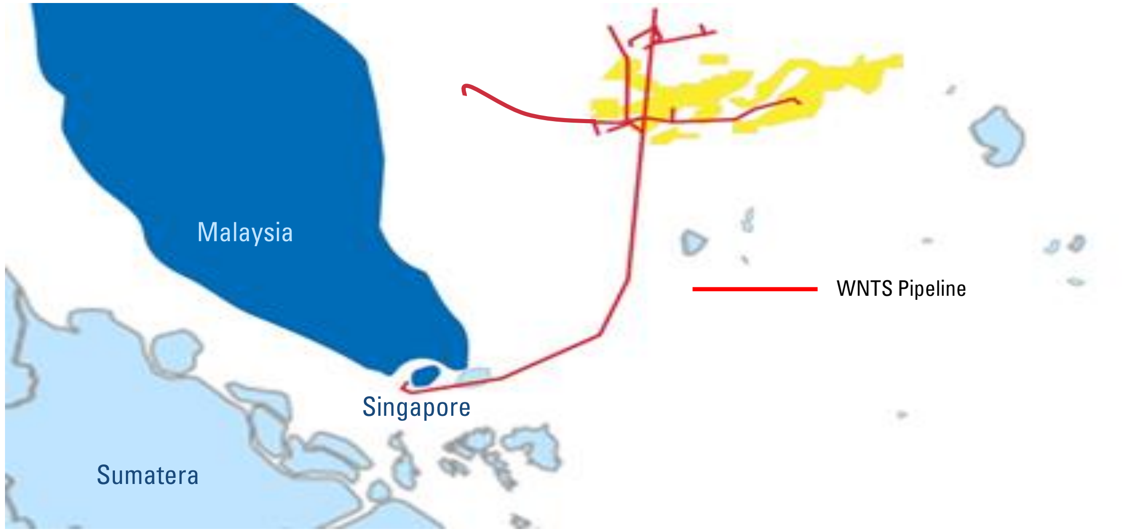
Structure	Upstream WI Senoro	Downstream
MedcoEnergi	30%	11.1%
Pertamina	50%	29.0%
Mitsubishi & Kogas	20%	59.9%

- Joint Operated onshore license, first production Q3 2015
- 20 Year PSC Extension effective from December 2027, monetizing ~1.7 TCF gross reserves
- Progressing Senoro Phase 2 Development

SOUTH NATUNA SEA BLOCK B, INDONESIA

World-class offshore operational capabilities

- Operated offshore PSC in the South Natuna Sea, world class facilities, large hydrocarbon base, license expires October 2028
- Operated West Natuna Transportation System (WNTS), a 656 km 28'' gas trunk line to Singapore
- Commodity linked priced gas sales into Singapore
- Progressing development of the four 2020 discoveries
- Hiu first gas in June 2022. Malong and Belida Extension Project Q4 2022, Bronang gas Q4 2023, and Forel oil Q4 2023



RIAU IPP 275 MW AND SUMBAWA PV 26 MWp

Project place into service in 1H-22

Riau IPP 275 MW

- Combined Cycle 275MW Gas Power Plant, commercial operation in February 2022
- Total project cost ~US$290 million, supported by a consortium of international banks and a 20 year PPA with PLN
- The project recorded 8.6 million safe man hours and overcame numerous Covid-19 logistic and operational challenges
- Located in Pekanbaru, Riau, Central Sumatera

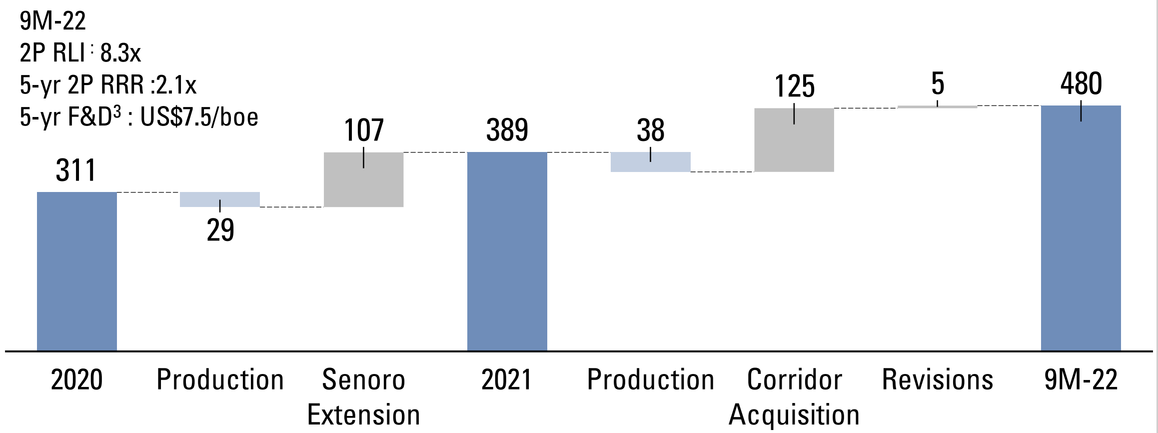
Sumbawa PV 26 MWp

- Placed into service in June 2022
- Total project cost ~US$15mn, received project financing from PT Sarana Multi Infrastruktur with 20 years contract
- Build capability to manage and develop large Solar PV projects

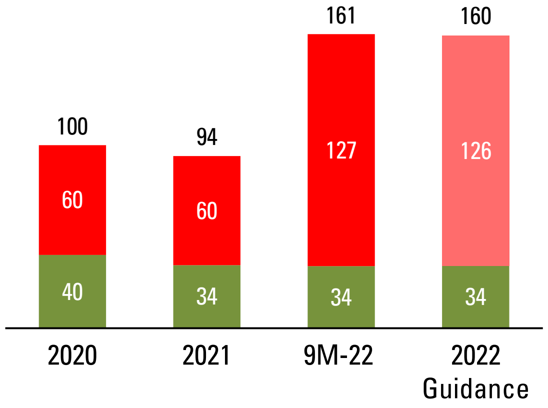
OIL AND GAS STATISTICS

Metrics	9M 2022	9M 2021	YoY Δ%	FY 2021	FY 2020	YoY Δ%
Production[1]						
Oil, MBOPD	33.8	35.0	(3.4)	34.4	40.4	(14.9)
Gas, MMSCFD	691.4	311.3	122.1	319.7	322.3	(0.8)
Lifting/Sales[1]						
Oil Lifting, MBOPD	32.0	33.8	(5.3)	33.6	39.3	(14.5)
Gas Sales, BBTUPD	656.2	288.7	127.3	299.8	302.2	(0.8)
Oman Service Contract, MBOPD	7.4	7.2	2.5	7.2	7.4	(2.4)
Average Realized Price						
Oil, US$/bbl	101.4	64.1	58.2	68.0	40.3	68.7
Gas, US$/MMBTU	7.9	6.3	25.3	6.5	5.2	26.2
Fixed gas price, US$/MMBTU	6.1	6.3	(3.7)	6.4	6.0	6.3
Indexed gas price, US$/MMBTU	12.0	6.2	92.9	6.7	4.2	59.5
ESG Indicators						
Scope 1&2 GHG emissions (million tCO_2e)[2]				4.4	4.5	(2.2)
Scope 1&2 GHG emissions intensity (tCO_2 eq/1,000 TOE Production)[2]				274.6	293.8	(6.5)
Methane emissions (thousand tCO_2e)[2]				131	136	(3.7)
Energy Consumption (in million GJ)				18.4	18.1	1.7
E&P Recordable Incident Rate (TRIR)	0.29	0.35	(17.1)	0.39	0.33	18.2

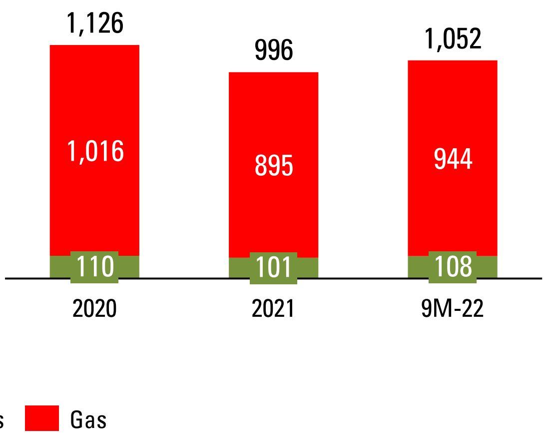
Net 2P Reserves, MMBOE



Net Hydrocarbon Production[1], MBOEPD



Net Contingent Resources, MMBOE



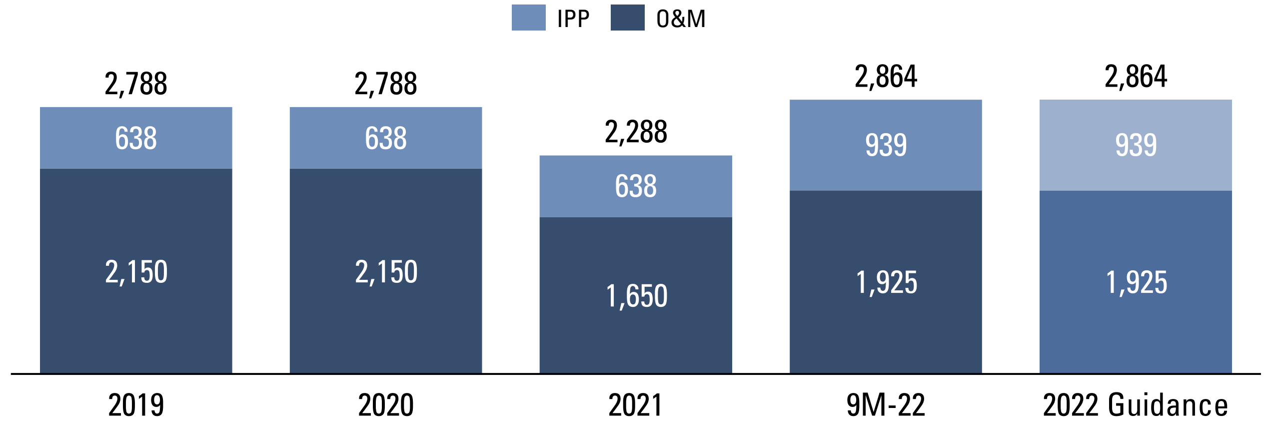
1) Includes Oman Service Contract
2) Operational control emissions including Corridor & Ophir. Corridor data assurance in progress.
3) 5 year F&D ratio is using 2022 Capex guidance and includes Corridor acquisition cost

MEDCO POWER STATISTICS

Metrics	9M 2022	9M 2021	YoY Δ%	FY 2021	FY 2020	YoY Δ%
IPP Sold and O&M Capacity[1]						
IPP Sold, GWh	2,930	2,011	45.7	2,718	2,639	3.0
Renewables, GWh	637	646	(1.4)	871	817	6.6
Non Renewables, GWh	2,294	1,365	68.1	1,847	1,822	1.4
O&M Capacity, MW	1,925	1,650	16.7	1,650	2,150	(23.3)
Average Realized Price[2]						
IPP, ¢/kwh	3.6	4.1	(12.3)	4.18	3.94	6.1
ESG Indicators						
Renewable installed capacity (%)[3]				38	28	35.7
Scope 1&2 GHG emissions (thousand tCO_2e)[4]				859	780	10.1
Scope 1&2 GHG emissions intensity (tCO_2 eq/MWh)[4]				0.54	0.53	1.2
Power Recordable Incident Rate (TRIR)	0.00	0.00	N/A	0.00	0.33	(100)

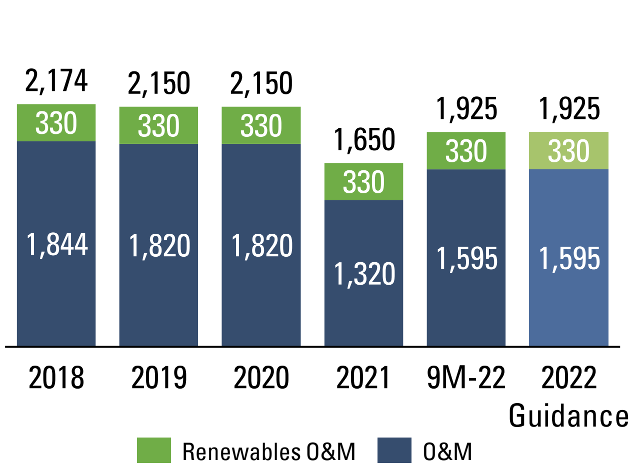
[1] Gross 100% interest and includes geothermal production
[2] Excludes Fuel Component
[3] Power renewable equity share installed capacity.
[4] Operational control emissions. FY 2020 and FY 2021 number are E&Y assured

Gross Operating Installed Capacity, MW

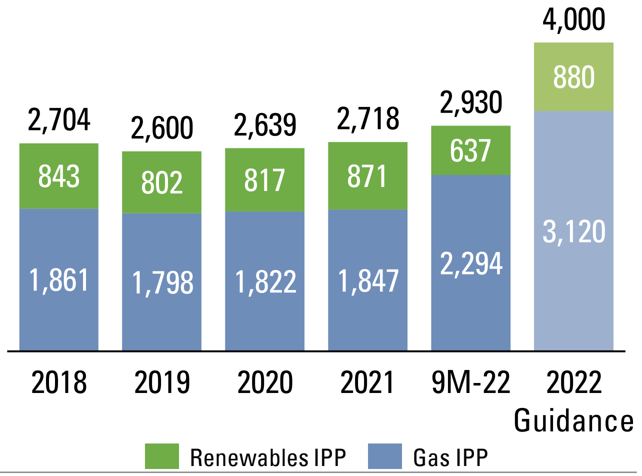


Note: Decrease in O&M installed capacity due to contract expiry of Mobile Power Plant in 2021.

O&M Power Capacity
Gross 100%, MW



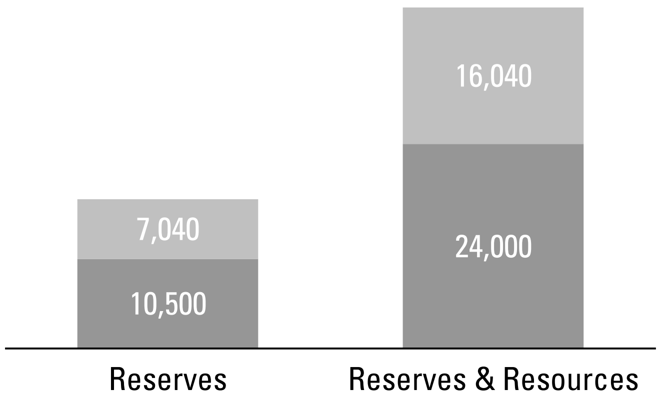
IPP Power Sold
Gross 100%, GWh



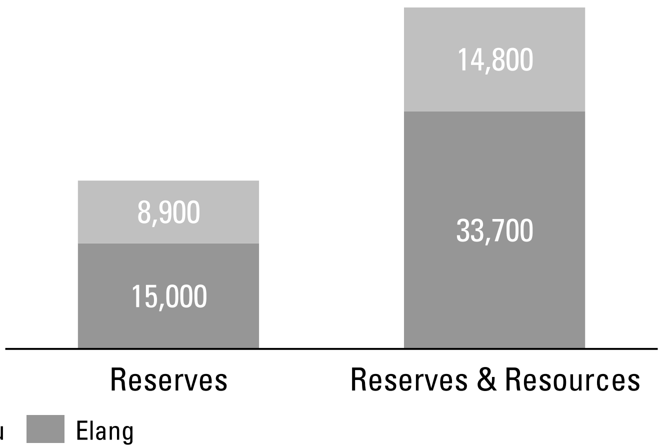
AMMAN MINERAL STATISTICS

Metrics	9M 2022	9M 2021	YoY Δ%	FY 2021	FY 2020	YoY Δ%
Production						
Copper, Mlbs	330.8	163.3	102.6	233.7	293.9	(20.5)
Gold, Kozs	553.7	94.8	484.1	156.4	132.1	18.4
Sales						
Copper, Mlbs	306.0	158.9	92.6	227.9	271.2	(16.0)
Gold, Kozs	509.1	96.4	428.1	152.4	117.7	29.5
Average Realized Price						
Copper, US$/lb	4.18	4.14	1.0	4.21	2.87	46.5
Gold, US$/oz	1,839	1,805	1.9	1,799	1,832	(1.8)

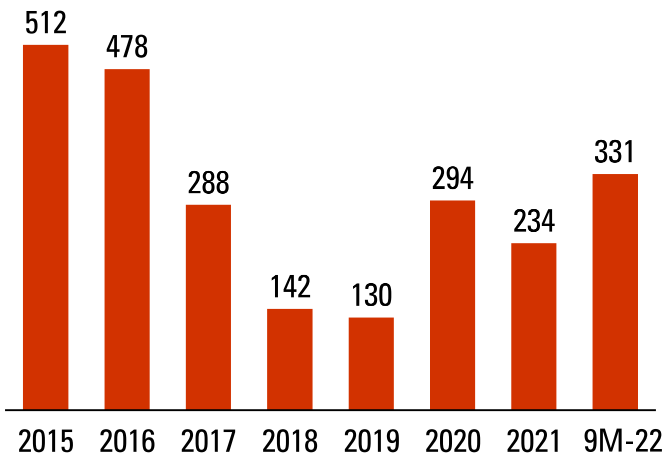
Copper Gross Reserves & Resources (Mlbs) 31/12/2021



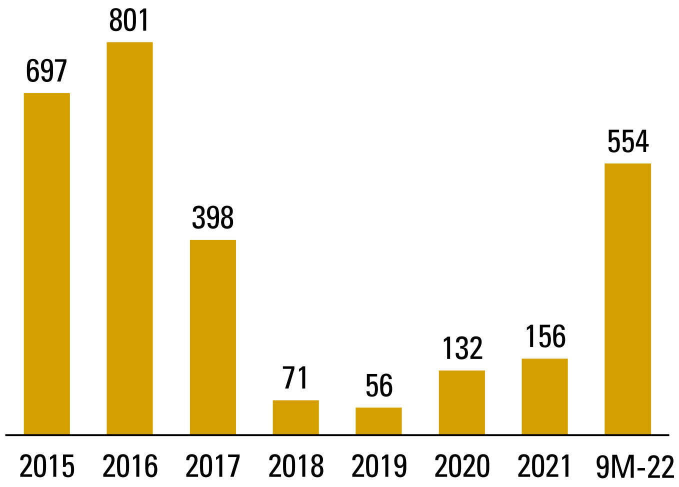
Gold Gross Reserves & Resources (Koz) 31/12/2021



Copper Production (Mlbs)



Gold Production (Koz)



FINANCIAL STATISTICS[1] (9M 2022 vs 9M 2021)

AVERAGE REALIZED PRICE		
Oil Price	US$101.4 /bbl	▲ 58%
Gas Price	US$7.9 /MMBTU	▲ 25%
Blended Price	US$53.4 /boe	▲ 27%

REVENUE		
Incl. MPI	US$1,808 million	▲ 89%
Excl. MPI	US$1,721 million	▲ 101%

GROSS PROFIT		
Incl. MPI	US$905 million	▲ 141%
Excl. MPI	US$856 million	▲ 159%

EBITDA		
Incl. MPI	US$1,232 million	▲ 142%
Excl. MPI	US$1,204 million	▲ 152%
Pro Forma Corridor	US$1,370 million	▲ 170%

CASH & CASH EQUIVALENT[2]		
Incl. MPI	US$671 million	▲ 22%
Excl. MPI	US$532 million	▲ 32%

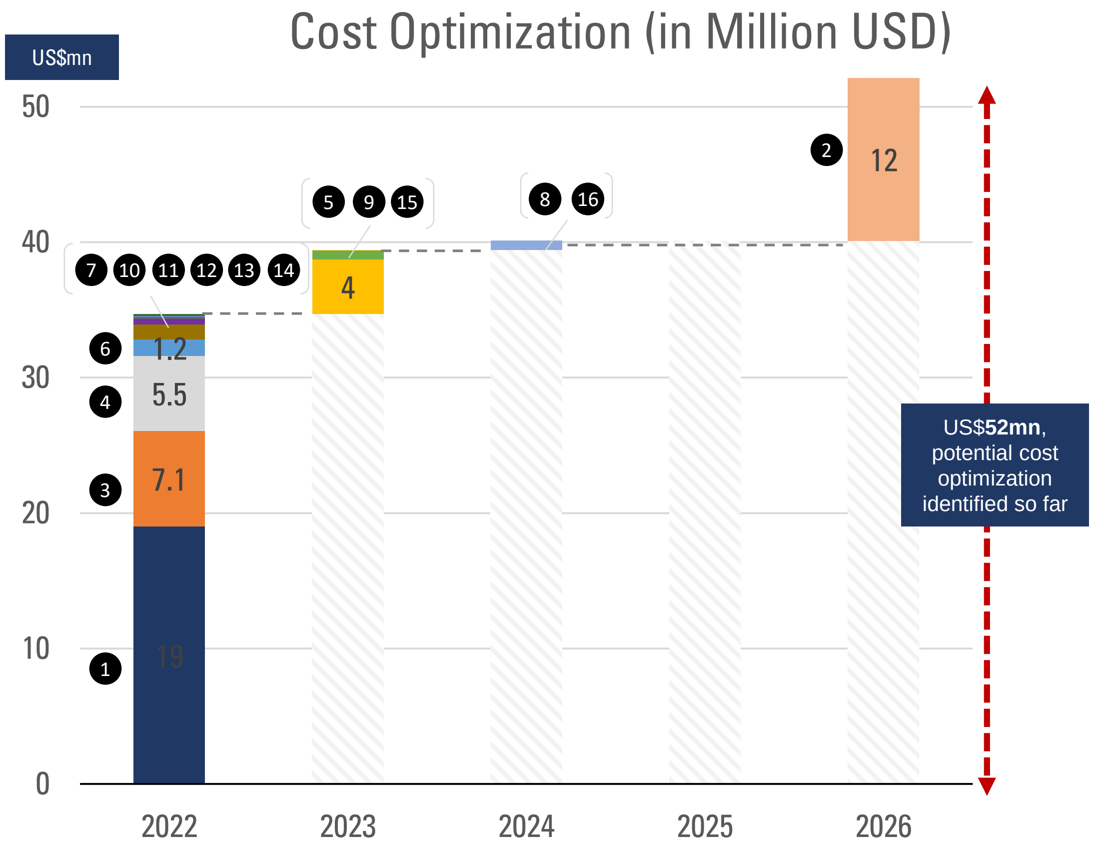
TOTAL DEBT		
Incl. MPI	US$3,286 million	▲ 26%
Excl. MPI	US$2,870 million	▲ 28%

DEBT TO EQUITY[3]		
Incl. MPI	2.1 times	▼ 7%
Excl. MPI	2.0 times	▼ 13%

NET DEBT TO EBITDA		
Incl. MPI	1.6 times	▼ 48%
Excl. MPI	1.5 times	▼ 49%

1) Corridor results are consolidated from March 2022. Pro forma assume Corridor consolidated from 1 January 2022
2) Cash & Cash Equivalent includes restricted cash in banks
3) Adjusted Debt to Equity

CORRIDOR: ~US$50MN POTENTIAL RECURRING COST SYNERGY



Cost Optimization Items	Value Projection	Effective Date
1 IT Cost Allocation (IT Resources, Corporate License, IT Service, etc.)	US$19mn/ year	Mar 2022
2 Suban Revamping CAPEX cost reduction from MPEP Stage gate review	US$12mn	2026
3 Non-IT Cost Allocation (Legal, HR, etc.)	US$7.1mn/ year	Mar 2022
4 Localized Manpower (Nationalized expat position)	US$5.5mn/ year	Mar 2022
5 PDEE M&R (applying CoE, Integrated Shutdown Mgtm, Defect Elimination)	US$4mn / year	Dec 2022
6 Office Integration: • Office utility and office support maintenance • Transportation services	• Office space lease & service: US$1,08mn • Transportation: US$0.154mn	• Office space lease & service: Jun 2023 • Transportation: Jan 2026
7 Material and Services Contract Synergy	Material: US$0.193mn Service: US$0.881mn	2022
8 Medical Benefit (from insurance to ASO)	US$0.7 – 1mn/ year	Feb 2024
9 Pension Fund (potential higher return thereby reducing pension funding amount requirement)	US$0.6mn/ year	Dec 2023
10 Corp TWA for Operation and Well/Project allocation	US$0.4mn/ year	Mar 2022
11 Tax Consultant (Tax Regulation Consultancy, Tax Dispute Consultancy and Expat Tax Service)	US$0.14mn/ year	Apr 2022
12 Market Analysis Subscription Fee reduction	US$0.104mn/ year	Jul 2022
13 Bank Guarantee Fee reduction	US$0.07mn/ year	Jul 2022
14 Technical Training & PPSDM	US$0.065mn/ year	2022
15 Service Awards & SDB Rental	US$0.022mn/ year	Jan 2023
16 TPC Contract	US$0.021mn/ year	Jan 2024

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