



OIL AND NATURAL GAS CORPORATION LIMITED

COMPANY SECRETARIAT

CS/ONGC/SE/2022-23

31.05.2022

National Stock Exchange of India Ltd.

Listing Department
Exchange Plaza
Bandra-Kurla Complex, Bandra (E)
Mumbai – 400 051

BSE Limited

Corporate Relationship Department
Phiroze Jeejeebhoy Towers
Dalal Street, Fort
Mumbai – 400 001

Symbol-**ONGC**; Series - **EQ**

BSE Security Code No.- **500312**

Sub: Presentation - Investors' and Analysts' Meet 2022

Ref.: Related intimation vide even number dt. 27.05.2022

Madam/ Sir,

Pursuant to Regulation 46(2) and 30 of the SEBI (Listing Obligations and Disclosure Requirements) Regulations, 2015, we enclose herewith a copy of the subject presentation.

Copy of the said presentation has also been uploaded on the website of the Company.

This is for reference and record.

Thanking you,
Yours faithfully,

For Oil and Natural Gas Corporation Ltd

**RAJNI
KANT**

Digitally signed
by RAJNI KANT
Date: 2022.05.31
08:22:03 +05'30'

(Rajni Kant)
Company Secretary & Compliance Officer,

End.: As Above (40 Pgs.)



Investors' and Analysts' Meet 2022

30th May 2022, Mumbai



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ONGC : Setting New Standards

~ ₹1,80,000 Cr.

Highest Market Cap
among all CPSEs

₹ 1,10,345 cr
₹ 40,306 cr

Highest Ever
Revenue & Profit

~ ₹ 2,00,500
Crores

25% of Total Networth
of all Maharatna CPSEs

3 Women
Directors

Most Gender Diversified
Maharatna Board

₹ 2,736
Crores in last
5 years

Leader in CSR spending
Among CPSEs

Presentation Overview

1. ONGC Group

2. Standalone Performance

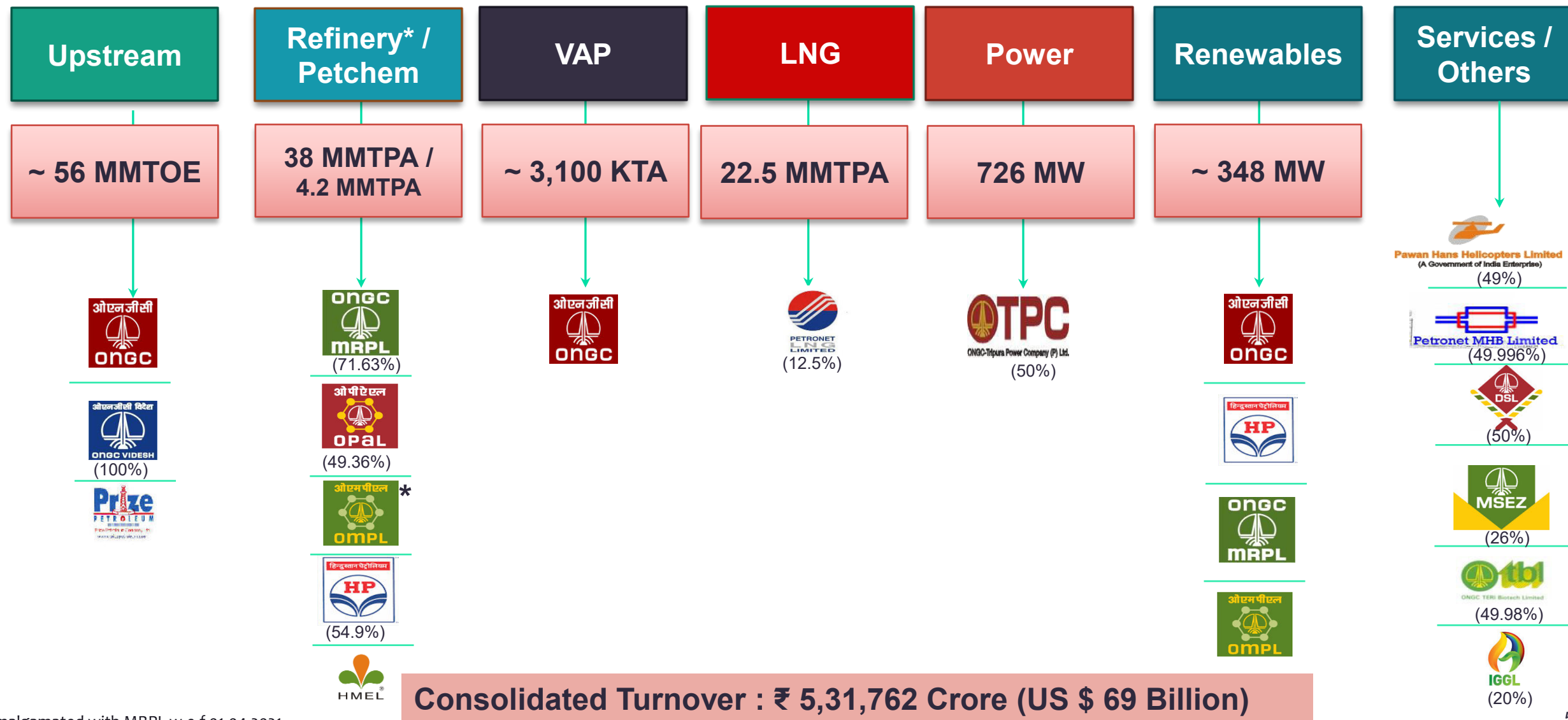
3. Growth Pursuits

4. Subsidiaries & JVs

5. Responsible Corporate



Integrated Energy Company: Expanding Footprints in Energy Business

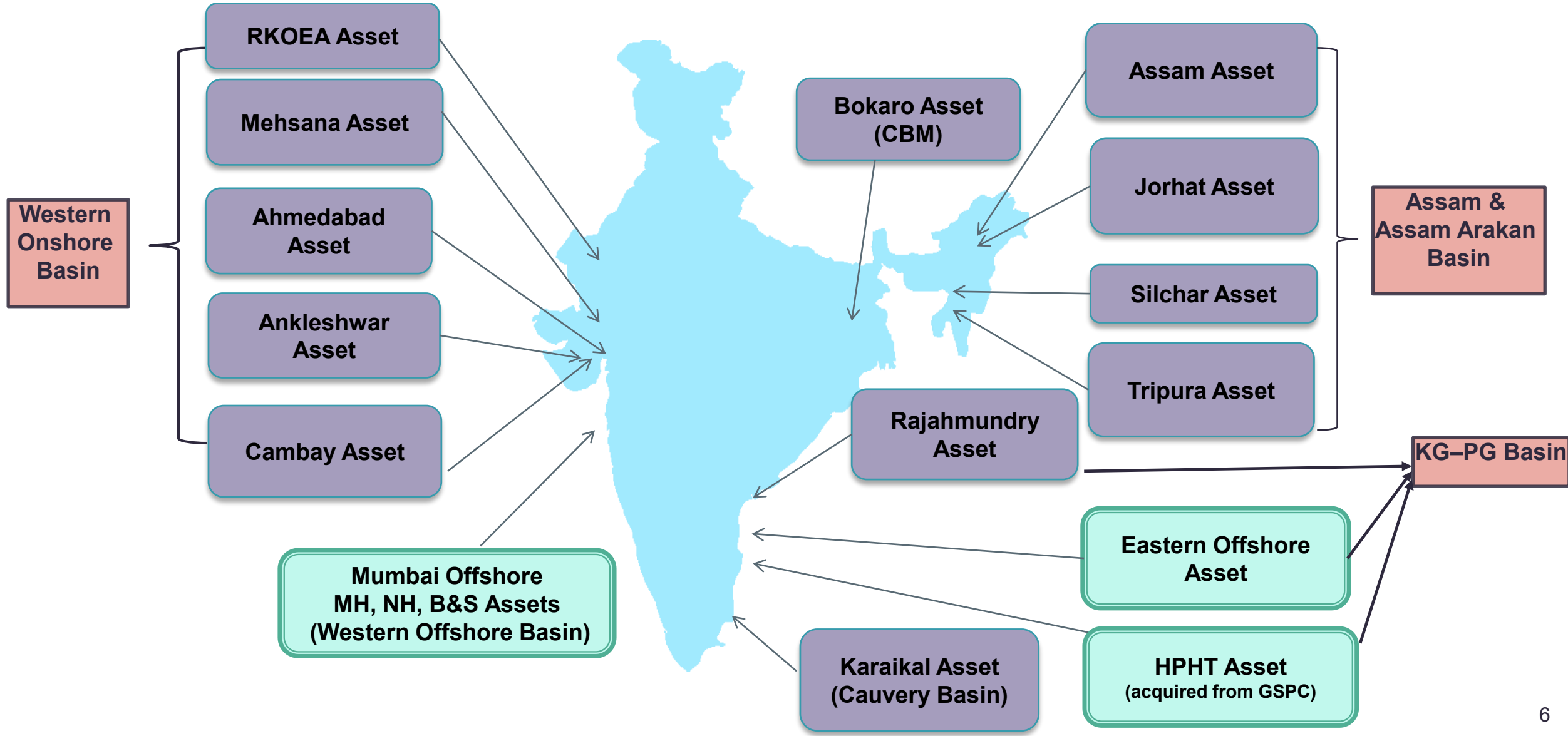


Consolidated Turnover : ₹ 5,31,762 Crore (US \$ 69 Billion)

*Amalgamated with MRPL w.e.f 01.04.2021

Assets & Basins: Exploration & Production

ONGC has cumulatively produced ~2,000,000,000 tons of Oil and Gas in India



ONGC Group: Resilient Performance in FY'22

2P Reserves

**1,221.48
MMTOE**

- Estimated 2P O+OEG Reserves on PRMS basis

ONGC : 710.19 MMTOE
JV Share : 16.42 MMTOE
OVL : 494.87 MMTOE

Oil & Gas Production

**55.72
MMTOE**

- Oil & Gas production of Group, including PSC-JVs and from overseas Assets
- ONGC contributed ~68% to India's Oil & Gas Production (including JV's share)

Refinery Throughput

**29.02
MMT**

- HPCL & MRPL refinery throughputs stood at 13.97 MMT and 15.05 MMT respectively

Financials

**₹ 5,31,762
Crore**

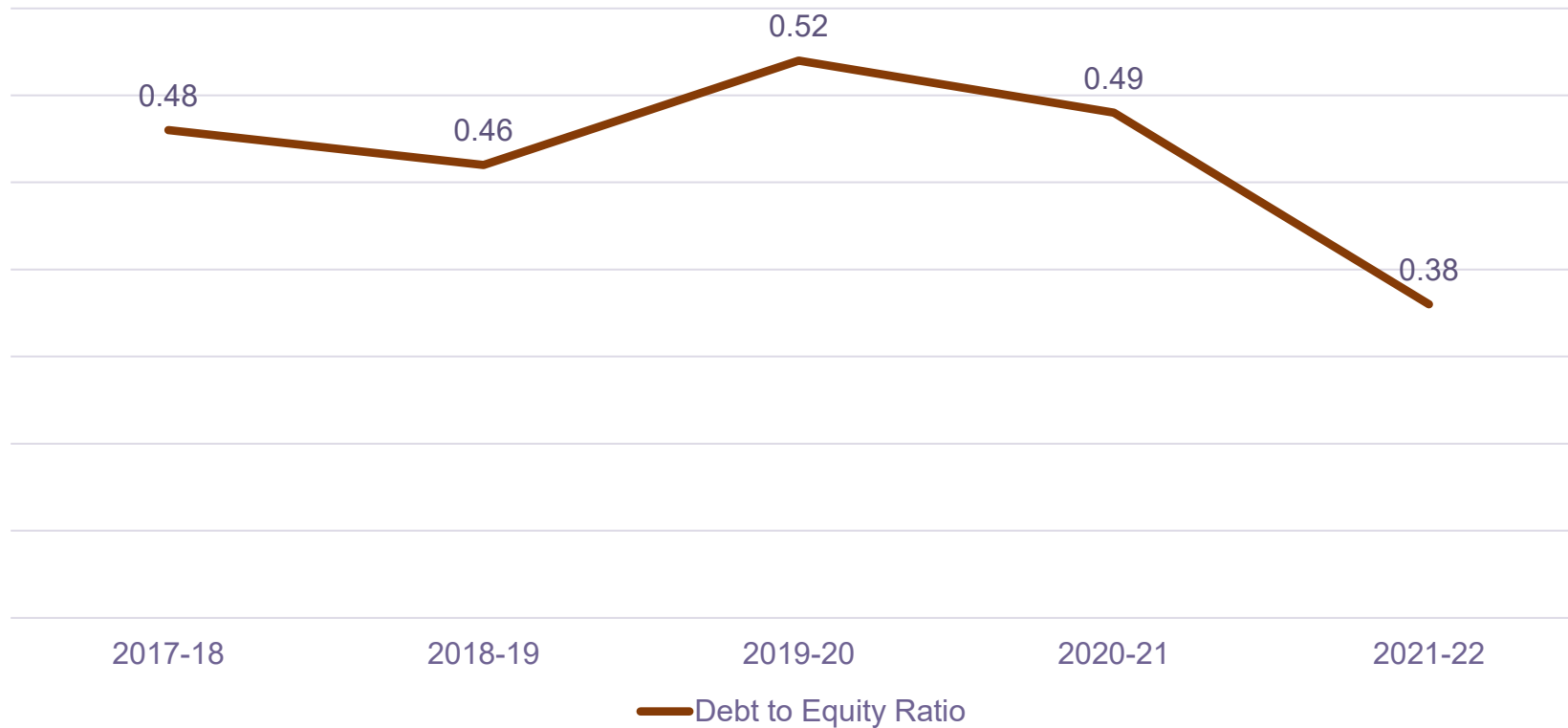
- Revenue from Operations of ₹ 5,31,762 crore
- Profit after Tax of ₹ 49,294 crore

Resilient Consolidated Performance

Parameter	FY '21 (₹ Cr)	FY'22(₹ Cr)
Total Income (Revenue + Other Income)	3,69,796	5,39,200
EBITDA	58,805	87,311
PAT	21,360	49,294
Total Debt	1,19,061	1,07,775
Total Equity (includes minority interest)	2,42,597	2,83,328
Total Capitalisation	3,61,658	3,91,104
Debt / Total capitalisation	32.9%	27.56%
Debt / EBITDA	2.0X	1.2X

Robust Capital Structure

Consolidated Total Debt to Equity Ratio



Standalone Borrowings Came Down From Peak of ₹ 25,593 Cr. in FY18 To ₹ 6397 Cr. in FY22

Strong Credit Ratings

DOMESTIC



Long Term

AAA

AAA

AAA

Short Term

A1+

A1+

A1+

INTERNATIONAL



Baa3

BBB-

BBB-

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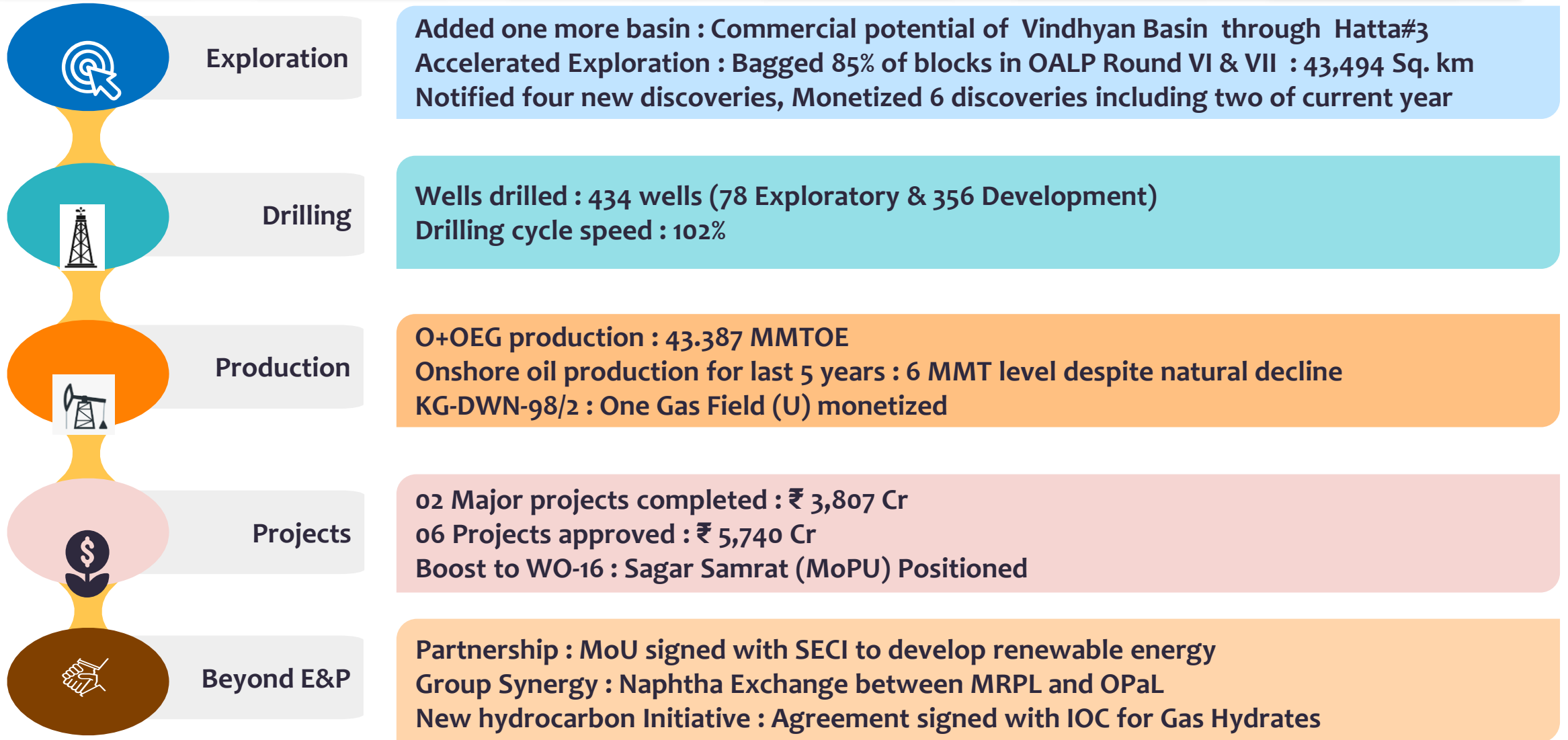
3. Growth Pursuits

4. Subsidiaries & JVs

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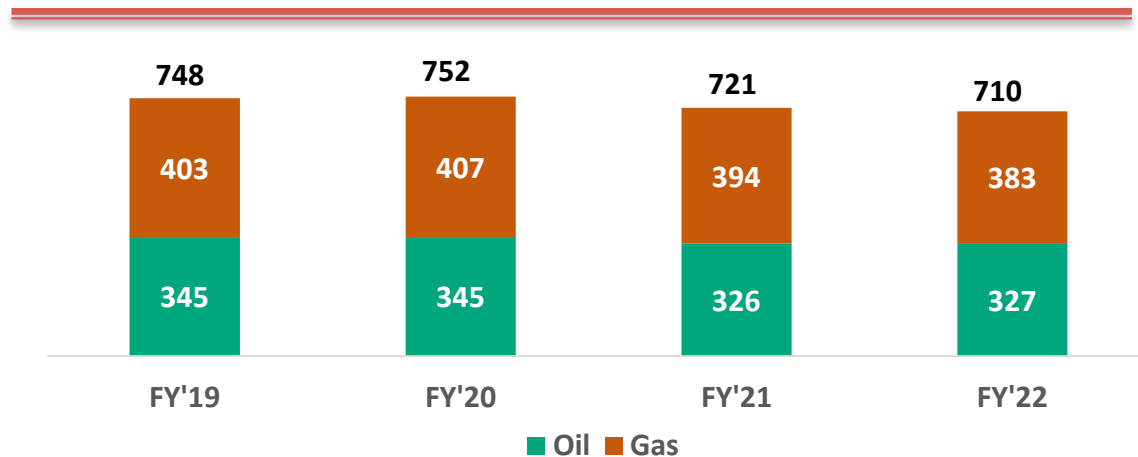
Highlights of FY 2021-22



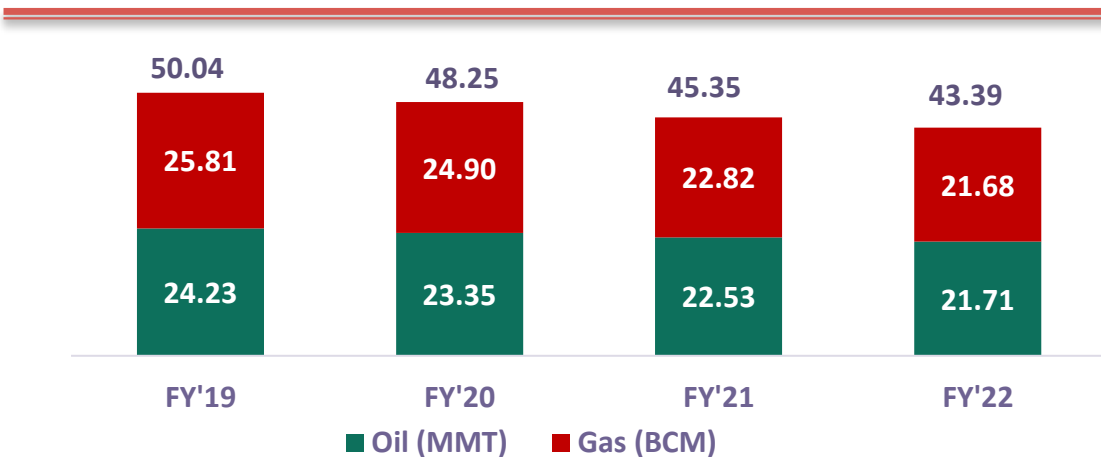
New Marketing Avenues: ONGC Commenced Domestic Gas Trading on IGX on 23.05.2022

ONGC : Physical Performance

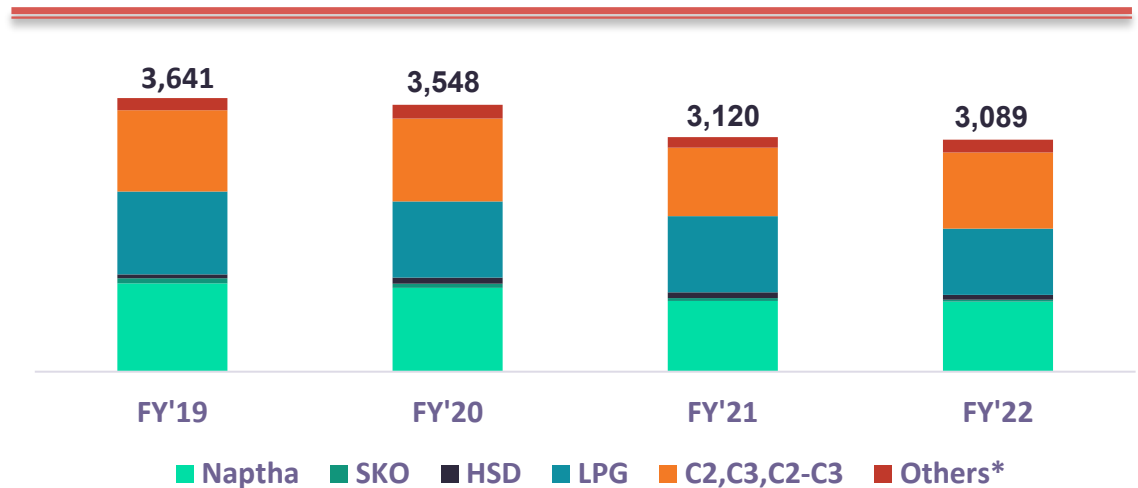
2P Reserves (MMTOE)



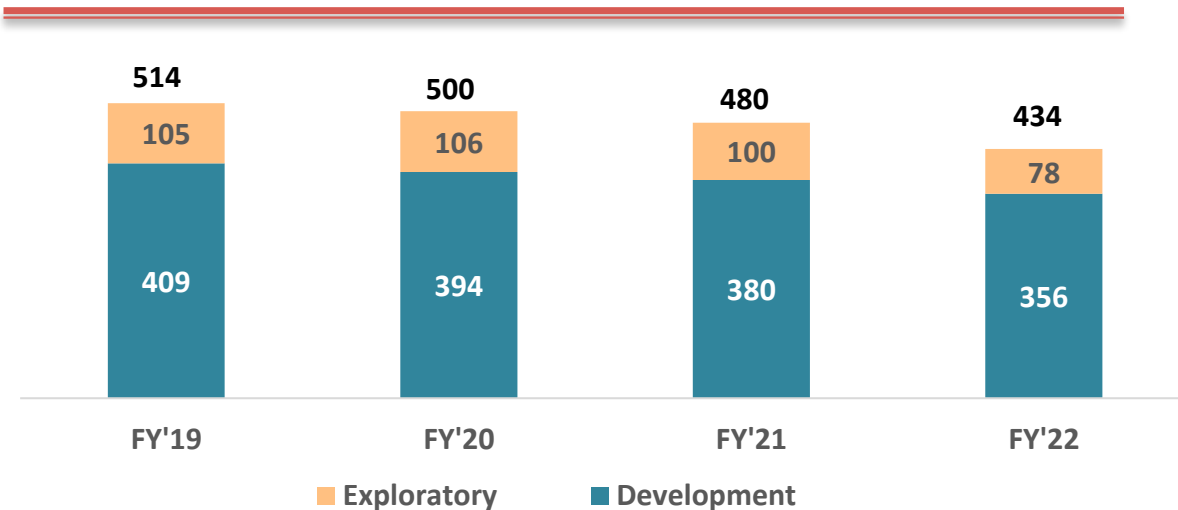
Oil and Gas Production incl. of JV (MMTOE)



Value Added products (KT)

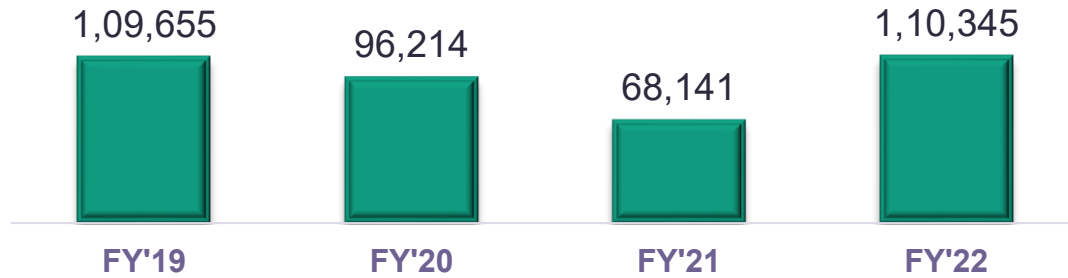


Drilling (No. of Wells)

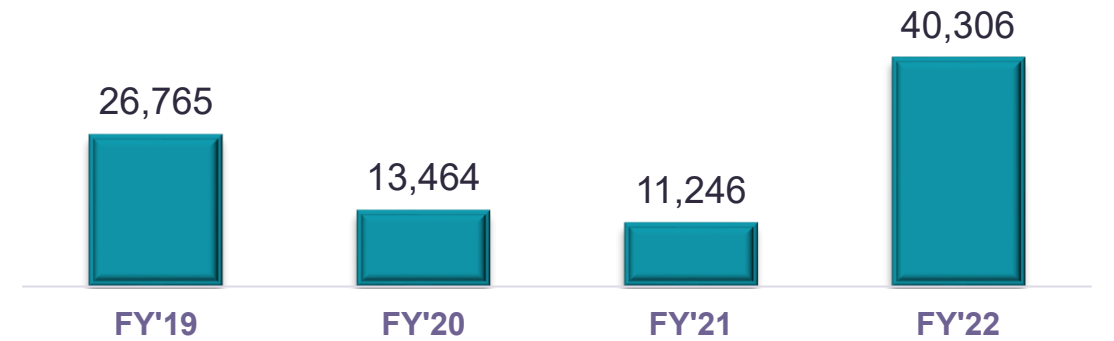


ONGC: Financial Performance

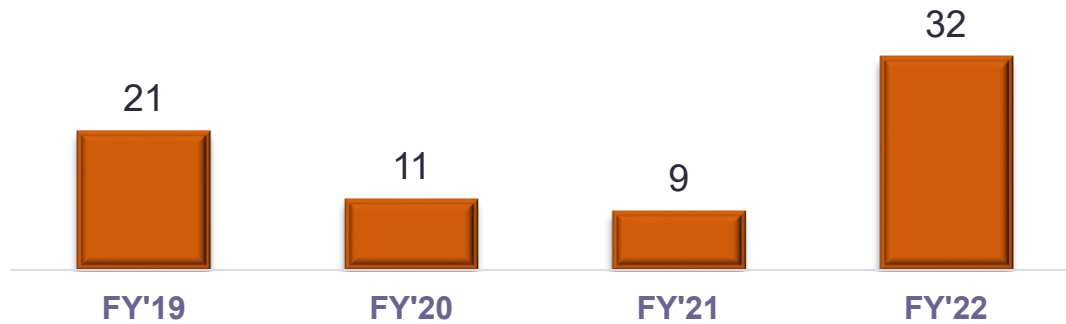
Gross Revenue (₹ Crore)



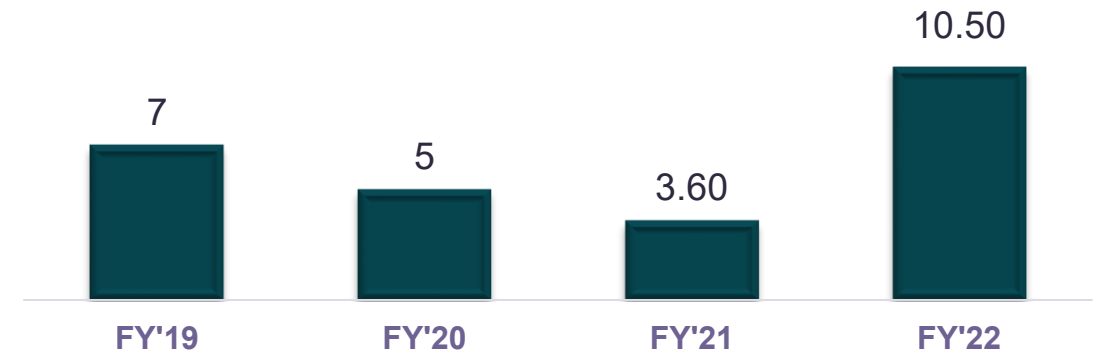
PAT (₹ Crore)



EPS (₹)



Dividend Per Share (₹)



Highest Ever Dividend of ₹13,210 Crores

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ONGC Discovered 7 out of 8 Producing Basins of India

1958: Cambay Basin

1967: Rajasthan Basin

1974: Mumbai Offshore

2022: Vindhyan Basin #



1889: Assam Shelf*

1973: A&AA FB

1980: KG Basin

1985: Cauvery Basin

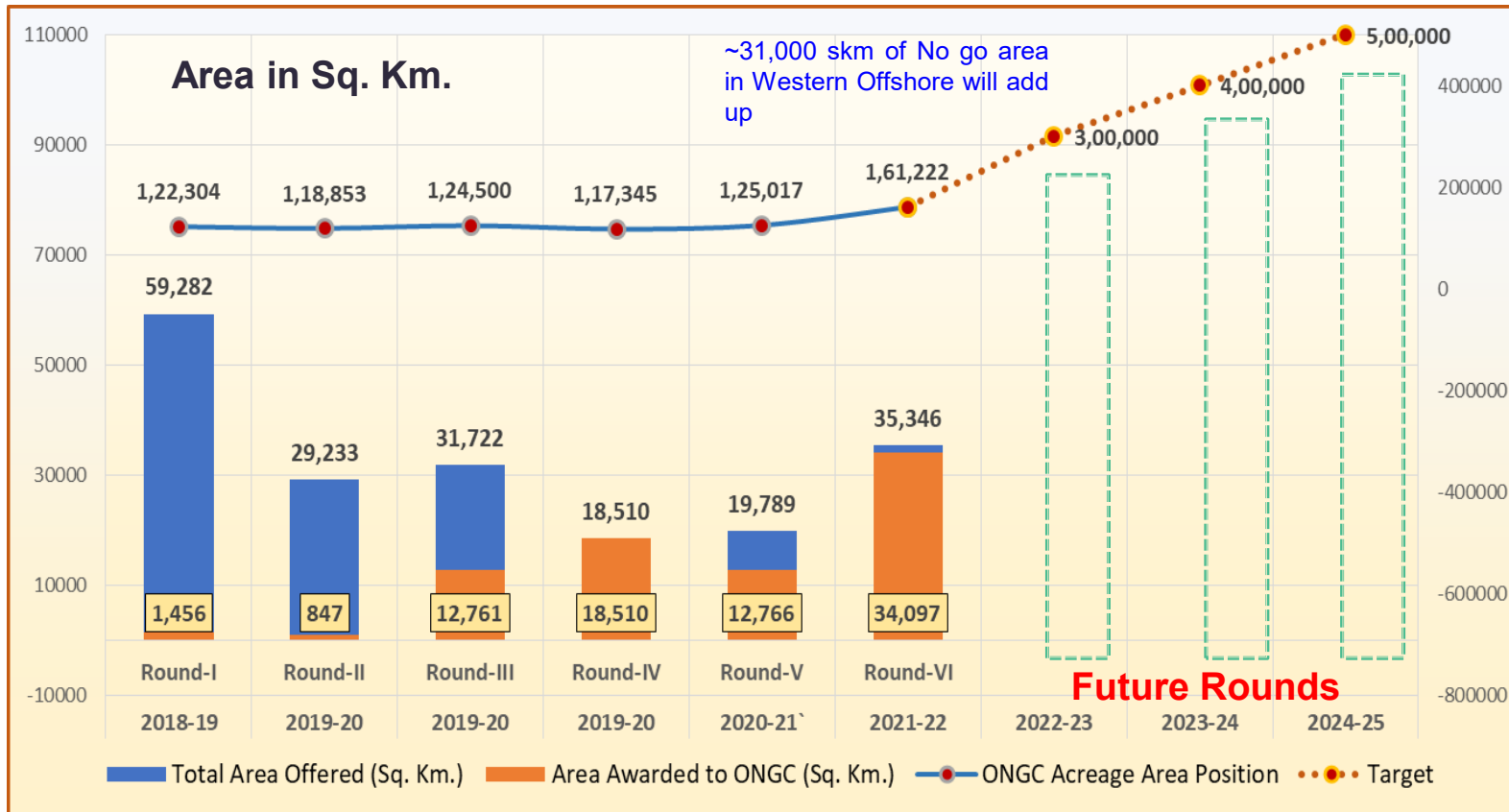
2018: Bengal Basin

Focus On Bringing More Basins On Production Map Of India In Next 3 - 4 Years

* By AR & T Co. - Assam Railways and Trading Company Ltd.

9th Basin : New Discovery in March 2022

Accelerated Exploration : Acreage Expansion



❖ Committed to acquisition of acreages across all categories of basins with focus on expanding exploration in unexplored cat-II & III basins & DW

❖ Envisaged to add around **1,00,000 Sq. Km** of new exploration area annually up to 2024-25

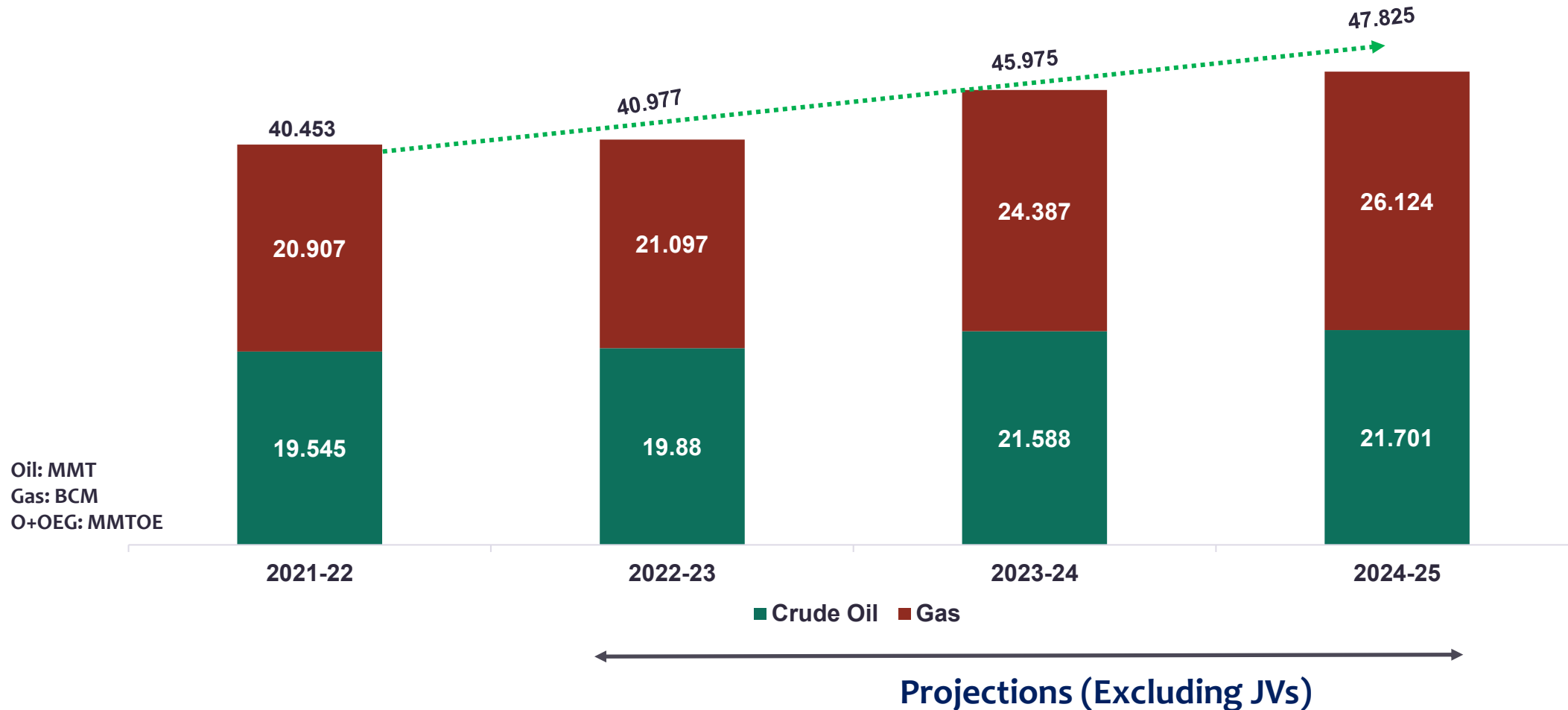
❖ Increase of acreage holding likely to further establish the resource potential of undiscovered plays and realization of YTF

Note: Figure is excluding 31,640 Sq. Km of area which has been proposed for relinquishment

₹ 31,000 Cr. (\$ 4 Billion) to further intensify Exploration Campaign During FY 2022-25

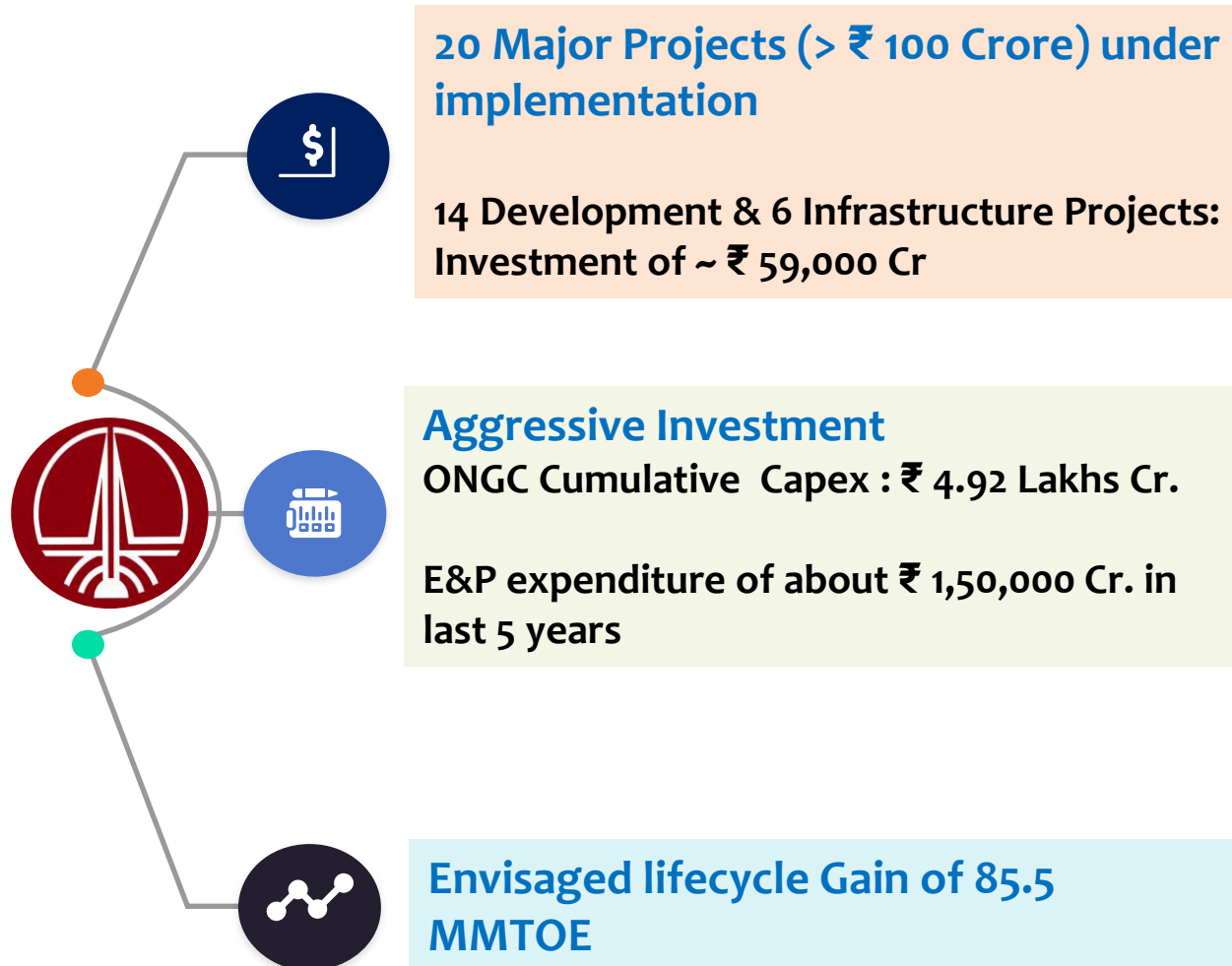
ONGC: Short Term Action Plan

18.2% Growth in O+OEG Envisaged in Next three years



Projects Under Implementation

Intensify Exploration, Monetize Discoveries & Maximize Recovery

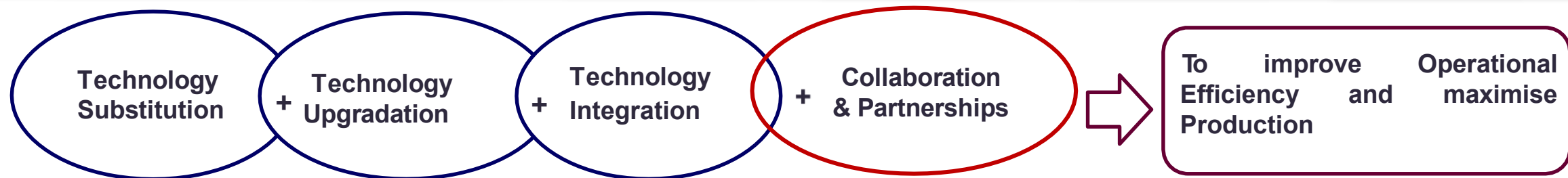


Offshore

- ❖ KG-DWN-98/2 Cluster –II
- ❖ Cluster-8 Marginal Fields (WO 24-3, D-30 and B-192)
- ❖ Mumbai High South Redevelopment Phase-IV
- ❖ Mumbai High North Redevelopment Phase-IV
- ❖ Heera Re-development Phase-III
- ❖ Conversion of Sagar Samrat to MOPU
- ❖ Pipeline Replacement Project – VI & VII

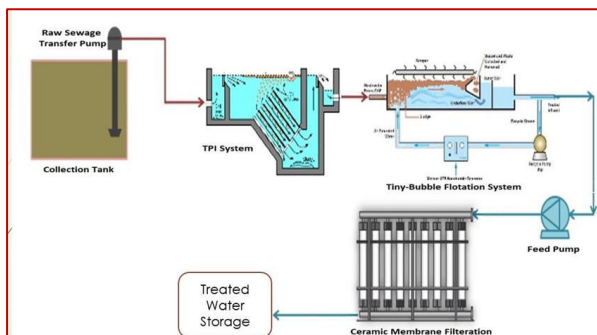
Onshore

- ❖ Redevelopment of Santhal Field
- ❖ Redevelopment of Nandasan Field
- ❖ Redevelopment of Sobhasan Complex
- ❖ Redevelopment of Linch Field
- ❖ Development of CBM Bokaro
- ❖ Development of Madanam NELP Block CY-ONN-2002/2
- ❖ Gas Assisted Gravity Drainage Scheme, Kasomarigaon
- ❖ Commercial Polymer Flooding Project in Bechraji field
- ❖ Gas Compressor Project at Ankleshwar Asset
- ❖ Development of Jharia CBM Block (Phase-1)
- ❖ Creation of Gas Dehydration Facilities



Technology Initiatives

- Managed Pressure Drilling (MPD) & Radial Drilling with CTU
- Plunger Lift for water unloading from Gas Wells in Tripura
- Mutli-stage Hydro-fracturing (Ahmedabad, Gamij, Malleswaram) & Micro-seismic for HF Monitoring
- Tubing Rotator to mitigate SRP Rod failures. (Mehsana & Ahmedabad)
- Heavy Oil Operating System (HOOS) Technology (Nawagam & Gamij)
- Hydraulic Pumping System (Mehsana)
- High Efficiency Chemical Free Tiny-Bubble Technology- for effluent water treatment (Cambay)



Tiny Bubble Flotation System - Cambay



Hydraulic Pumping System - Mehiana



HOOS - Ahmedabad



Plunger Lift System - Tripura

International Outreach Initiative at Highest Level

Reached out at highest level to Global E & P majors for collaborations

- ❖ CMD-CEO Meetings / Interactions held
- ❖ MoU with Exxon
- ❖ MoU with Saudi Aramco
- ❖ MOU with Equinor
- ❖ Data sharing under progress with major IOC's



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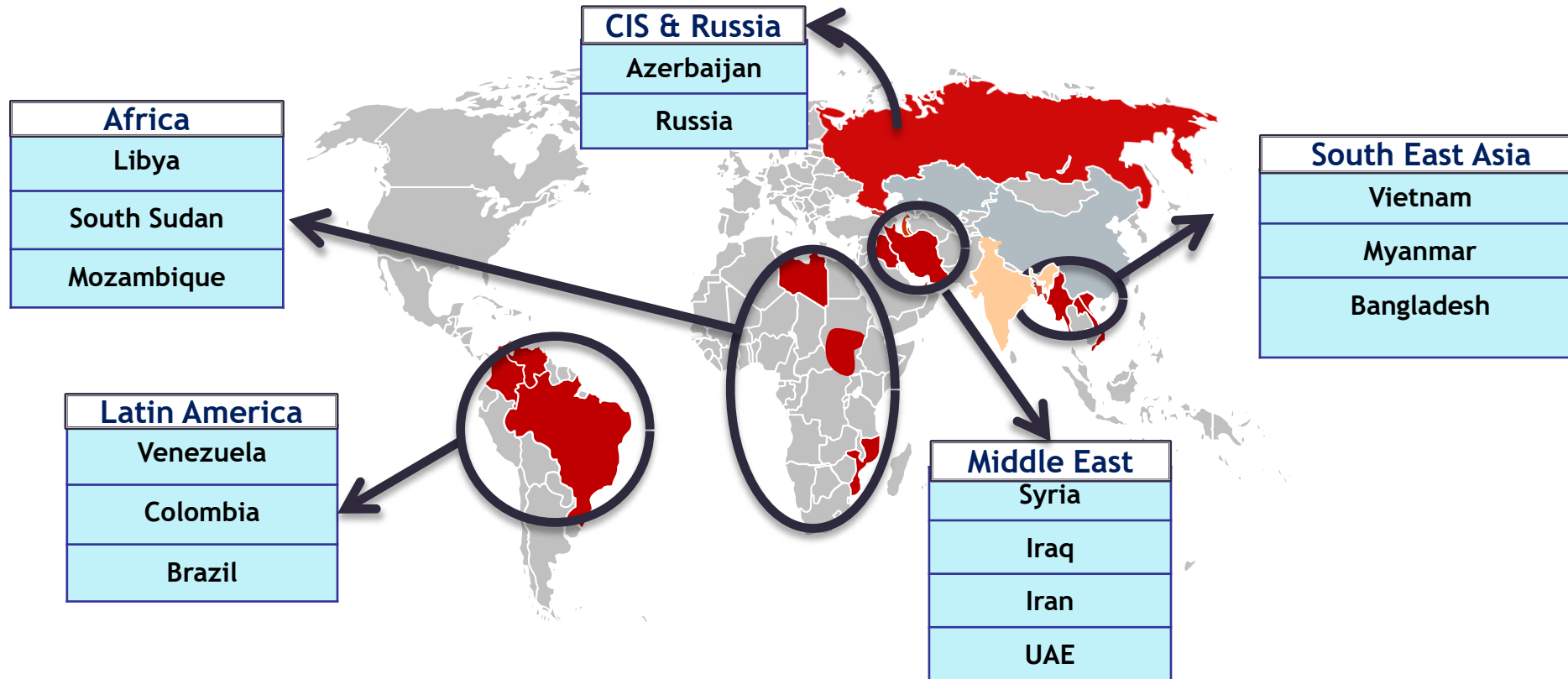
Presence across 15 countries in 35 projects

Exploration: 14

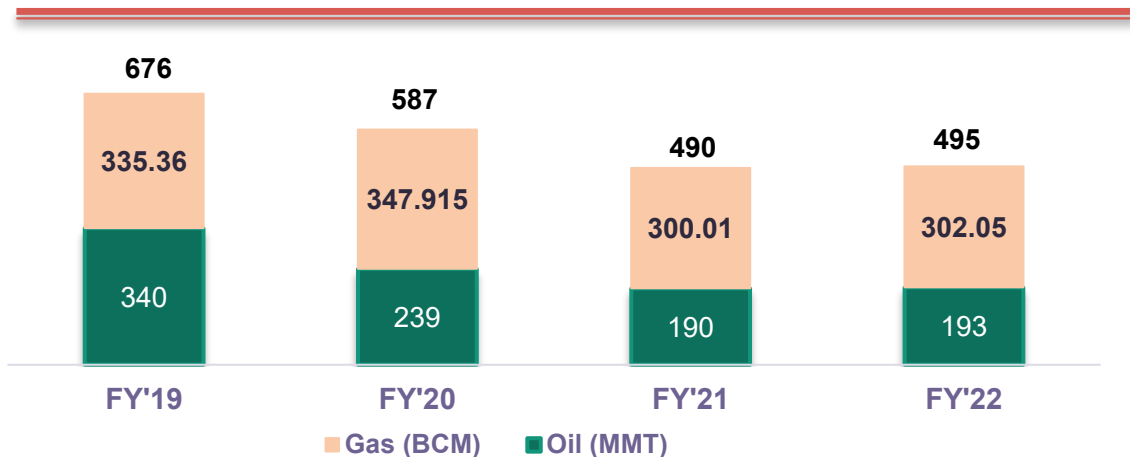
Development: 4

Producing: 14

Pipeline: 3

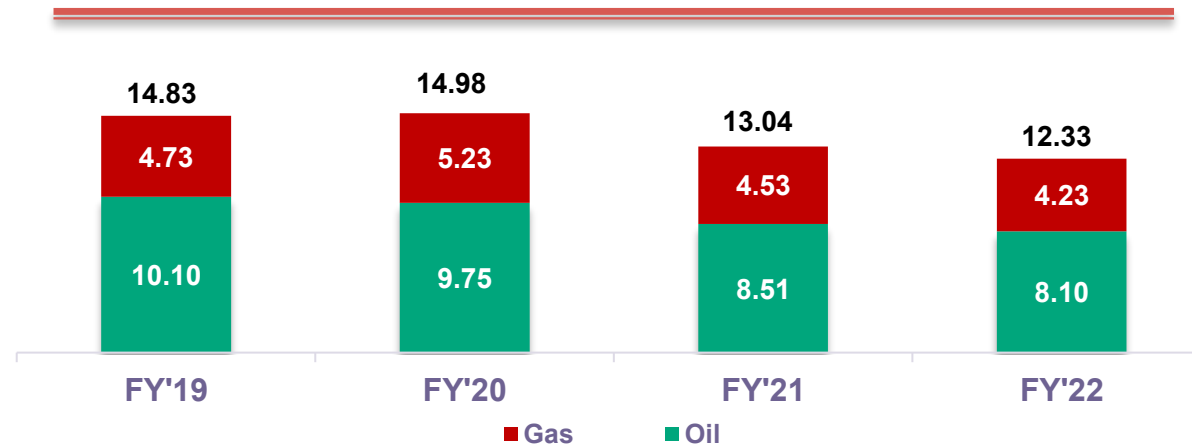


2P Reserves (MMTOE)

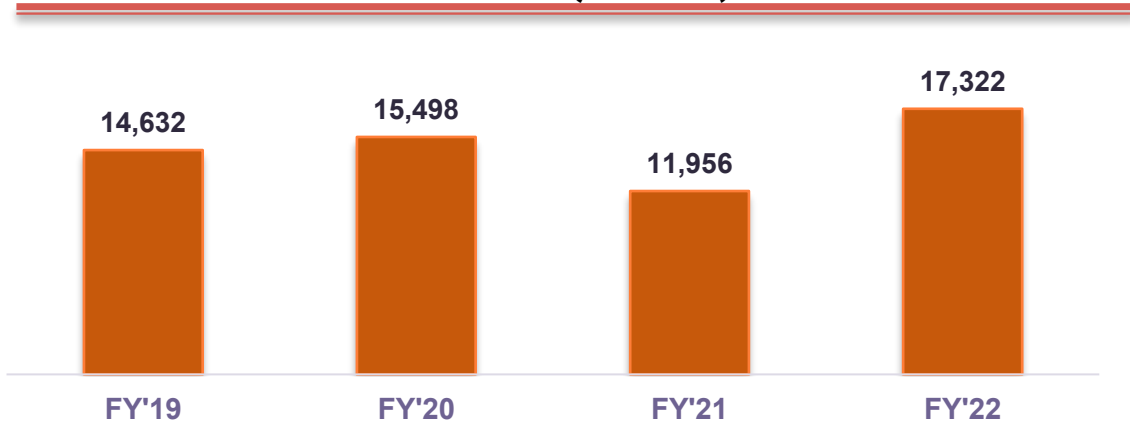


* PRMS adopted from FY'21

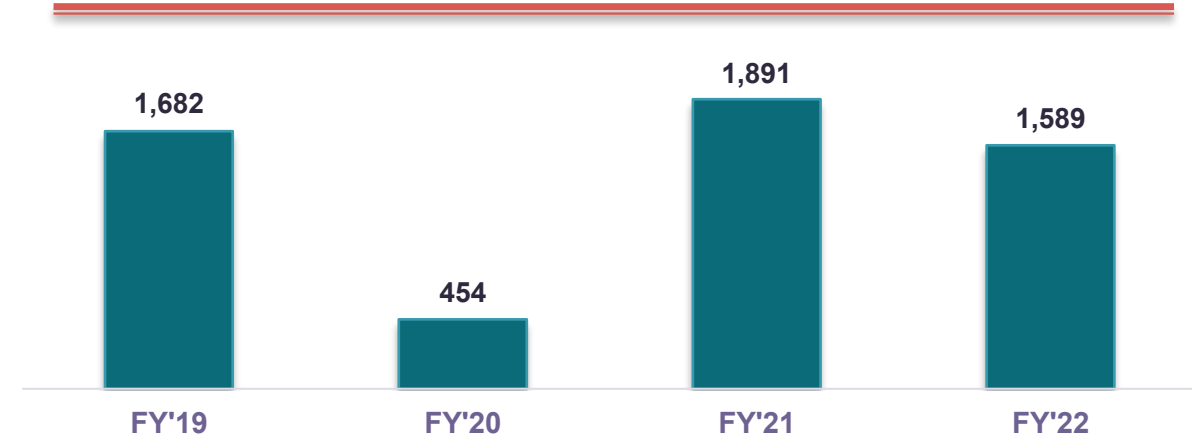
Oil and Gas Production (MMTOE)



Turnover (₹ Crore)



PAT (₹ Crore)



ONGC Videsh : FY'22 Highlights

CPO-5 Block (Colombia) : Total of 11 exploratory wells drilled, with 5 wells commercially producing hydrocarbons. CPO-5 block ended the year with a production of 21,000 bopd, making it a significant exploratory success for ONGC Videsh

BM SEAL-4 (Brazil) : Declaration of Commerciality (DoC) has been submitted to Regulator on 30/12/2021. Currently working with Petrobras (Operator) for formulation of Field Development Plan

Lower Zakum Concession (UAE) : To achieve production of 450 KBD by 2025 and 500 KBD by 2028, Gas handling capacity being augmented by laying a new 34" New Main Gas Line

Overall consolidated external Borrowings reduced by about USD 716.75 million (Rs 5,430 crore)

Fresh borrowings (to refinance existing loans upon maturity and/or to reduce borrowing costs and extend maturity date) of USD 1,200 million raised during FY'22



Expansion & Diversification

20,025 retail outlets, # 1 Lube Marketer & # 2 LPG marketer of India

Commissioned:

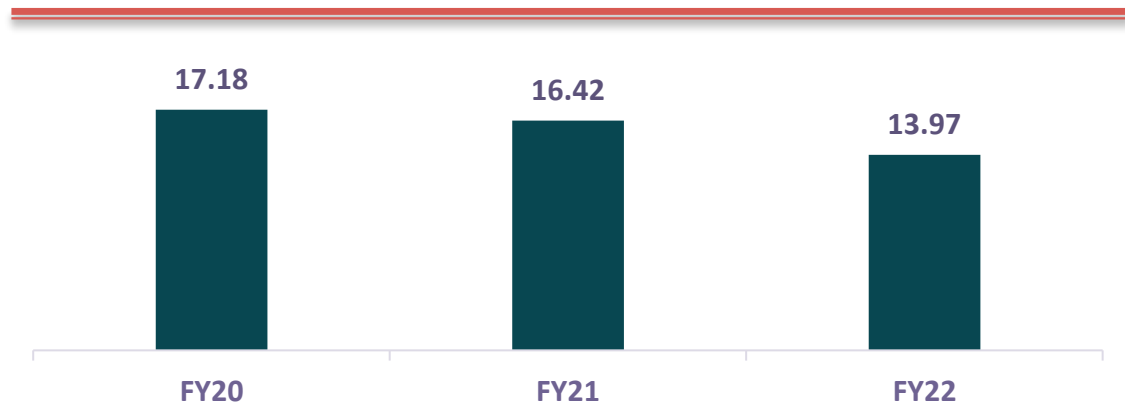
- 1,391 new retail outlets
- 2 New LPG plants
- 51 new LPG distributorships
- CNG dispensing facilities at 413 retail outlets
- 927 EV charging facilities and 273 Mobile Dispensers
- Battery Swapping Stations set up at 8 Retail Outlets

Received authorization for CGD network in 3 Geographical Areas in FY22, taking total to 23 GAs in 48 districts across 12 states

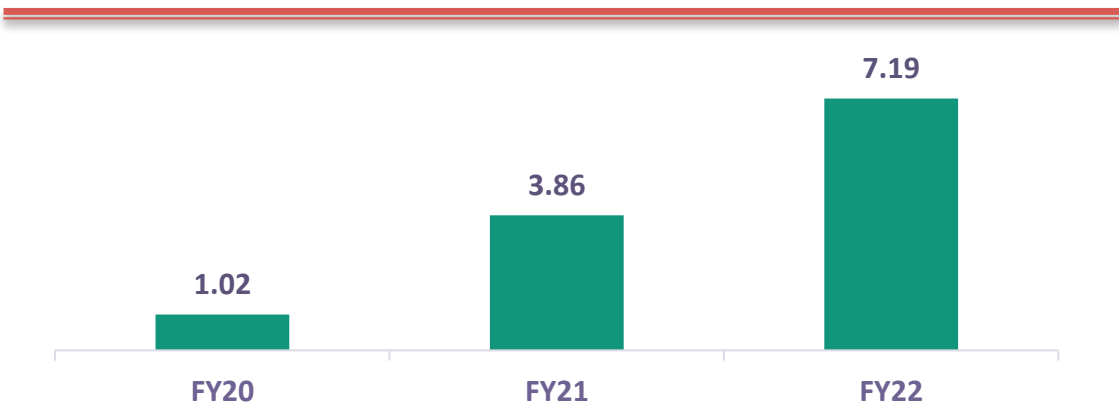
33 patents for new products/ technologies developed during the year

HPCL: Performance

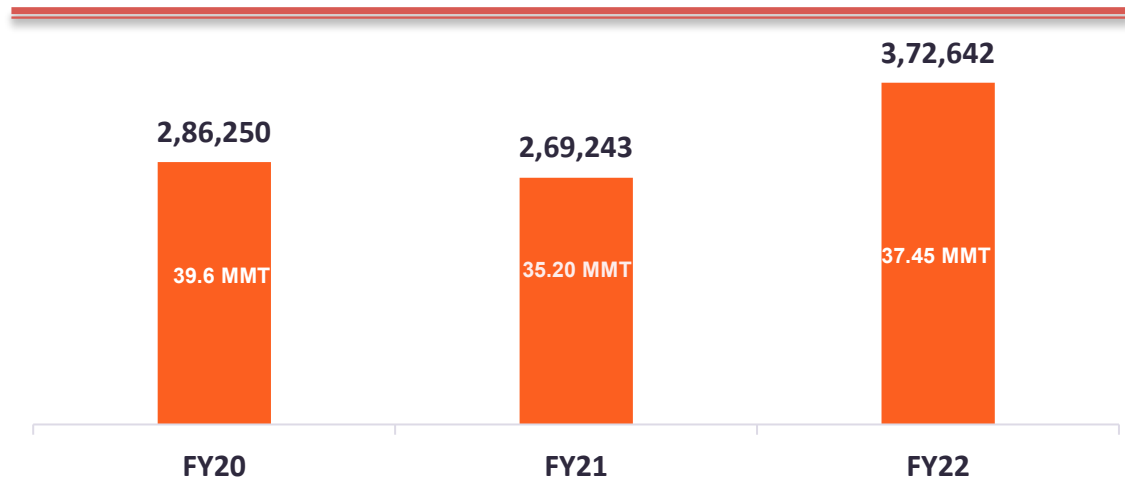
Throughput (MMT)



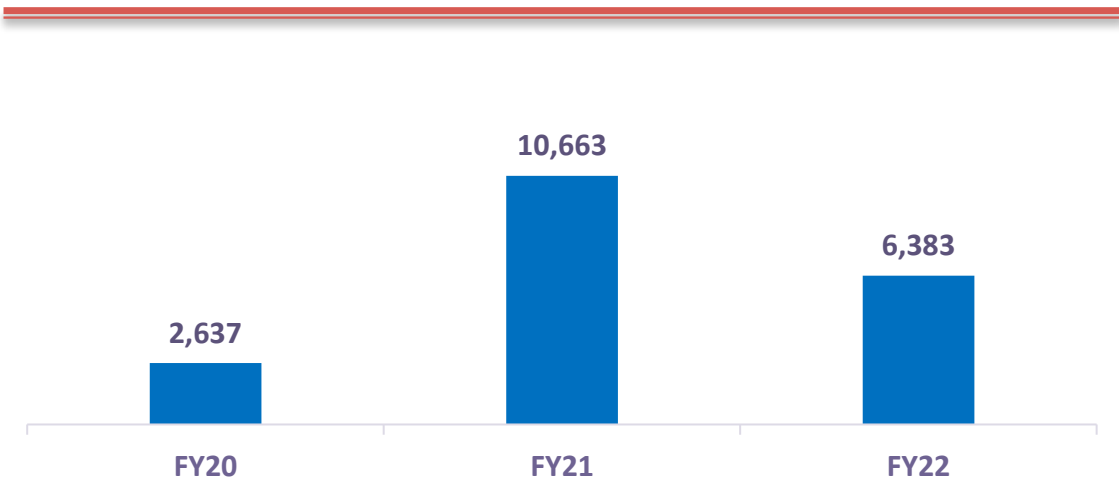
GRM(\$/BBL)



Gross Sales (₹ Crore)



PAT (₹ Crore)



Mangalore Refinery & Petrochemicals Ltd. (MRPL)



A Category 1 Miniratna CPSE

14 new Retail Outlets commissioned in 2021-22 and further 2 in the current fiscal. With this, MRPL has 35 outlets in operation

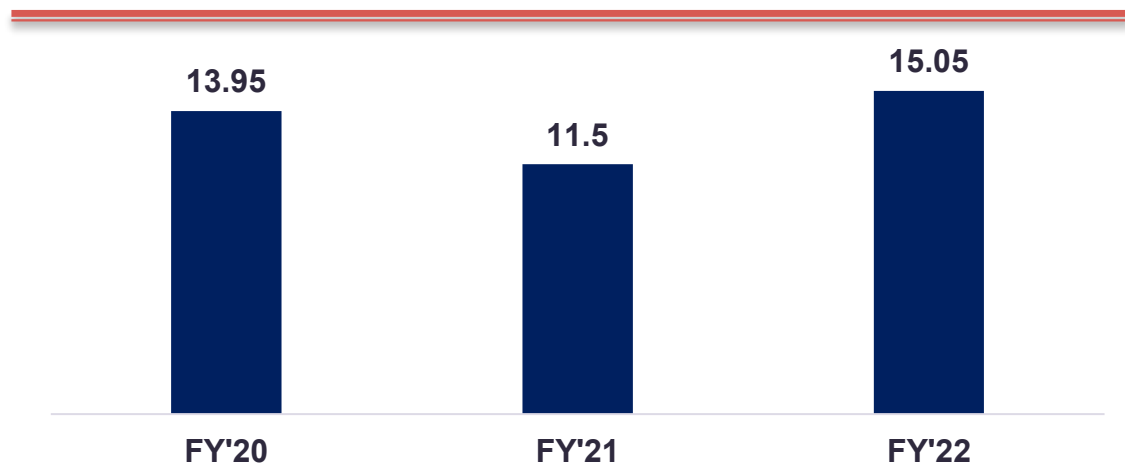
BS-VI facilities and Desalination Plant commissioned in 2021-22

Marketing Terminal in Devangonti (near Bengaluru) under implementation

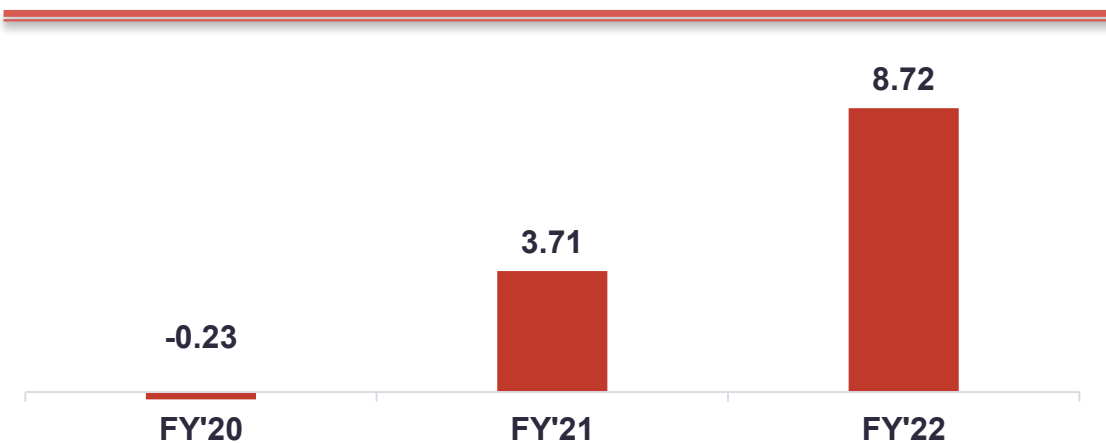
Augmentation of Power Import Facility from 14MW to 85 MW, Renewable Energy Project & ENCON Projects to reduce Energy Intensity

CCR-1 Revamp for greater value addition

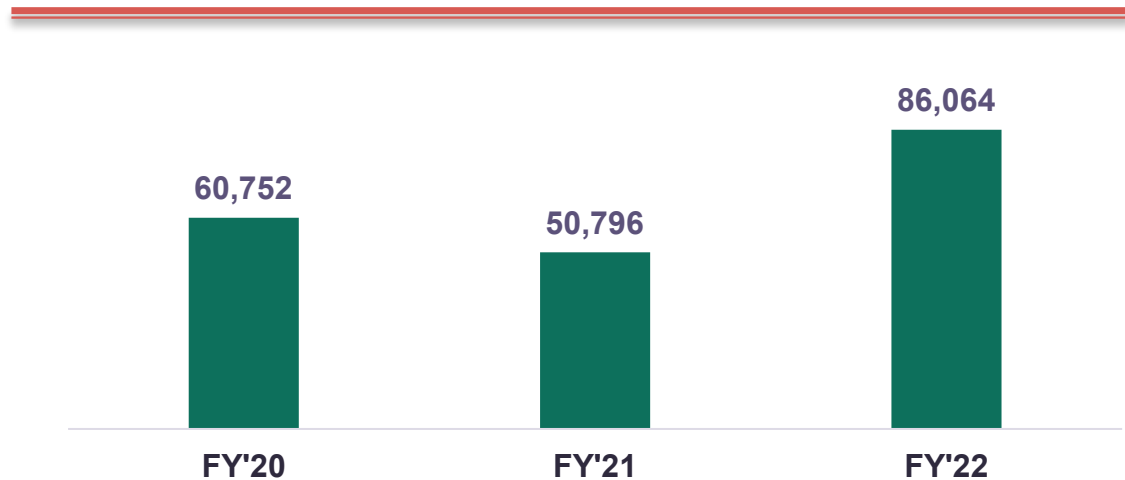
Throughput (MMT)



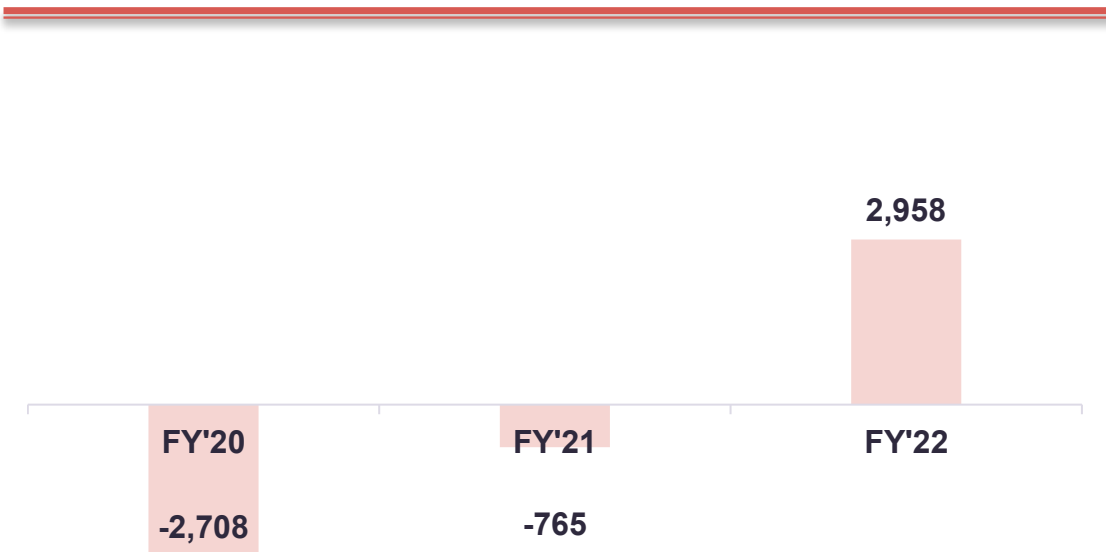
GRM (\$/BBL)



Gross Sales (₹ Crore)



PAT (₹ Crore)



ONGC Mangalore Petrochemicals Ltd. (OMPL)

Aromatic Petrochemical Complex producing Paraxylene & Benzene



Amalgamated with MRPL with effect from April 1, 2021

Overall capacity utilization for FY'22 was 72%

Ministry of Corporate Affairs vide its order dated 14-04-2022 sanctioned the scheme of amalgamation of OMPL and MRPL

Necessary filings had been made in RoC on 01-05-2022 for concluding the merger

Synergy of OMPL and MRPL will maximize margins of refinery and petrochemicals in tune with market dynamics

ONGC Petro Additions Ltd. (OPaL)

A Joint venture with GAIL & GSPC



Overall capacity utilisation during FY'22 : 95%.

Sold 1.82 Million tons of Polymers and Chemicals

Revenue from Operation in FY 22 : ₹ 16,048 Crore

EBIDTA for FY 22 : ₹ 2,561 crore

One of the Largest Dual Feed Crackers in the world

1.1 MMTPA Feedstock integration project of ONGC (Utilizing C₂, C₃ and C₄ gas feed and Naphtha produced by ONGC)

ONGC Tripura Power Company Ltd. (OTPC)

A Joint venture with Govt. of Tripura

4,124 Million Units of power generated

Plant Availability Factor at 65% (unit I under planned shutdown for annual inspection for 104 days)

Revenue from Operation: ₹ 1,263 Crore; PAT: ₹ 107 crore

726.6 MW (363.3x2) Combined Cycle Gas Turbine (CCGT) Thermal Power Plant



FY 22 : Throughput 2.841 MMTPA

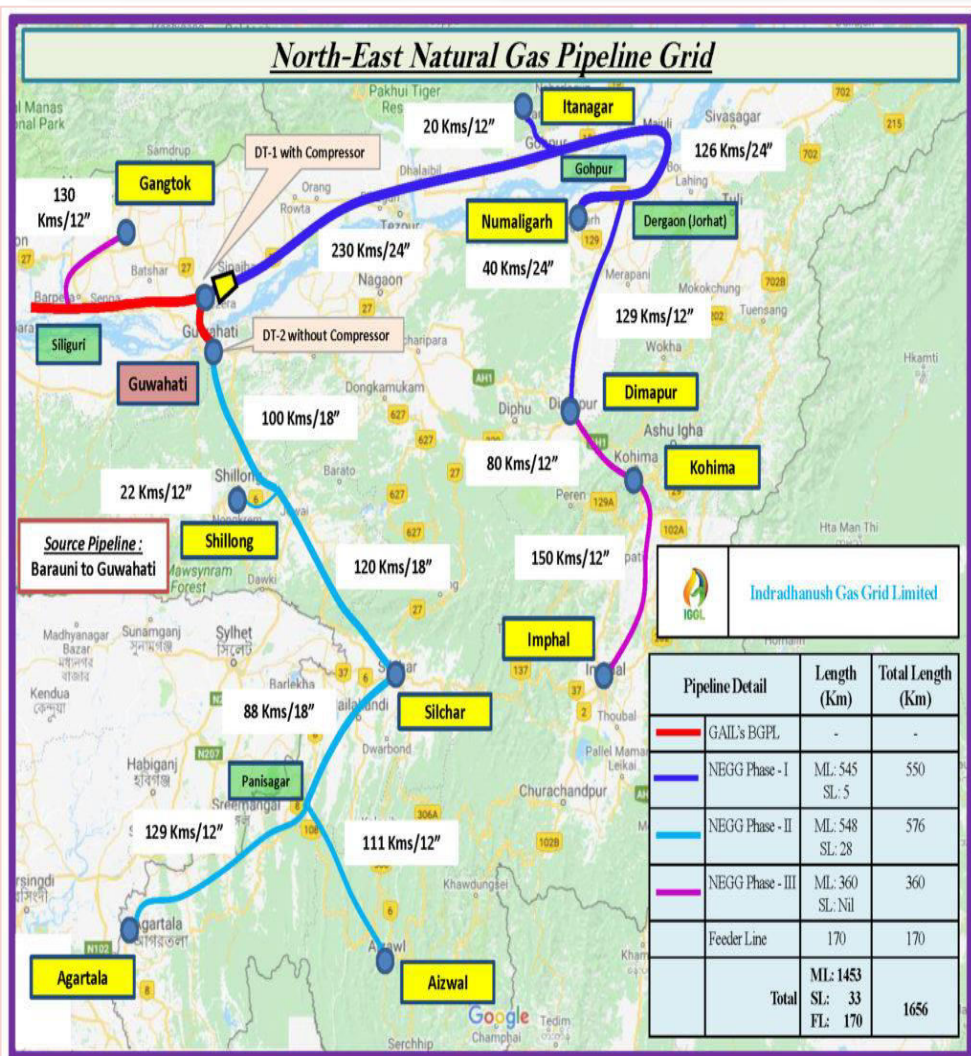
Revenue : ₹ 128 Crore

PAT : ₹ 60.28 Crore

Mangalore – Hassan – Bengaluru JV pipeline (362.3 Km) transporting products from MRPL to OMCs hinterland of Karnataka in cost effective and environment friendly manner.

Indradhanush Gas Grid Limited (IGGL)

A Joint venture with Shareholding - ONGC-20%, IOCL-20%, GAIL-20%, OIL-20%, NRL-20%



Indradhanush Gas Grid Limited (IGGL) incorporated on 10th August 2018

Implementing Northeast Gas Grid (NEGG), 1,656 Km long natural gas pipeline grid spanning across all North-Eastern states, at an estimated cost of INR 9,265 crores

CCEA approved VGF/ Capital Grant of INR 5,559 Crore for NEGG project

Gas grid shall connect from Barauni-Guwahati natural gas pipeline as part of Urja-Ganga scheme

3-phase implementation with expected completion by 2024:

Phase-1: 557 kms (in 5 sections)

Phase-2: 719 kms (in 7 sections)

Phase-3: 304 kms (in 2 sections)

Physical progress of project is 43% as on 31.03.2022

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Commitment towards Climate, Society and Ethical work practices

ENVIRONMENT

Committed for conserving Climate

- Regular Greenhouse Gas (GHG) inventory accounting and disclosures on scope-1 and scope-2 emissions; Implemented number of GHG mitigation projects across the value chain for GHG abatement
- Implemented 15 Clean Development Mechanism (CDM) Projects including OTPC, 2.2 million Certified Emission Reductions with OTPC having emission reduction potential of 16 lakh ton CO₂e per annum. 3 new projects under validation.
- Renewable energy projects, Installation of energy efficient lighting, Paperless office and elimination of single use plastics
- Fresh water conservation: Water Foot printing, Rainwater Harvesting, Sewage Treatment Plants & Desalination

SOCIAL

Committed to Social welfare & inclusion

- One of the first companies to issue separate CSR Guidelines in 2009 which prepared base for DPE Guidelines in 2010 & Companies Act 2013
- CSR activities aligned with needs of community in respective geographies: Initiatives implemented in project mode.
- CSR programs mainly in areas of Healthcare, Education, Environment, Women Empowerment and Heritage preservation
- Every CSR project is benchmarked to UN Sustainable Development Goals (SDGs).
- Average CSR spend of ~ ₹ 500 Crore per year

GOVERNANCE

Committed to Integrity and ethical practices

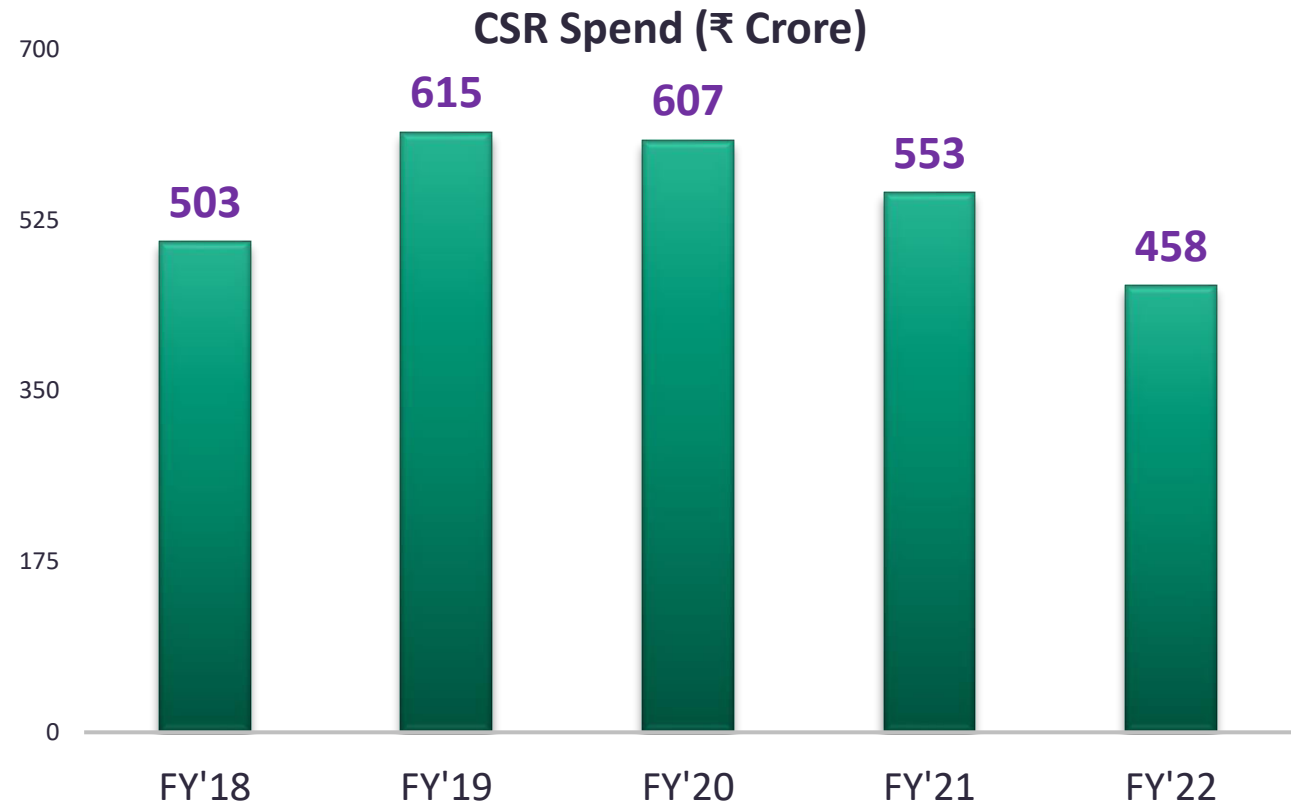
- 1st signatory in India to the Integrity Pact
- IT enabled with SAP integration in most functions, including e-procurement, intranet, paperless office etc; minimizing human intervention
- The Board not only institutionalizes and reviews policies, but also focuses on overall organizational practices, awareness creation and monitoring.
- Strong and effective Whistle Blower mechanism, Dedicated Vigilance Department headed by CVO, who holds rank of Functional Director and reports to CVC, Government of India

Leader in CSR Spending



ONGC promotes healthcare, preventive healthcare, education & skill development, women empowerment & reducing inequality, environment sustainability initiatives

Average CSR Expenditure ~ ₹ 500 Crore every year



Championing Sports in the Country

ONGCian H S Prannoy part of Thomas Cup winning Indian Badminton Team
7 ONGCians (including 3 hockey players) represented India at Tokyo

Recognitions and Awards in 2020 & 2021

- ▶ Rashtriya Khel Protsahan Puruskar for ONGC
- ▶ 5 Arjuna Awards
- ▶ 1 Dhyanchand Award



ONGC Sportspersons have won 60 National Awards till date



- Pankaj Advani won 23rd World Title by winning IBSF World 6 Red Snooker Championship
- Also won 12th Asian Title by winning Asian Snooker Championship at Doha in Sep'2021

National and International Recognitions



#25 in Platts Top 250
Global Energy Company
Rankings 2021



243 globally and
4 in India in Fortune
Global 500 List 2021



228 globally and
5 in India in Forbes
Global 2000 list 2022



#404 in Forbes Worlds,
Best Employers List 2021



Certified as a Great Place
to Work : 3rd year in 2022

- ☐ **Golden Peacock National Training Award 2021 (ONGC Academy)**
- ☐ **FIPI: Oil & Gas – Exploration Company of the Year 2021**
- ☐ **Golden Peacock Environment Management Award 2021**
- ☐ **AIMA Award in CSR (Siu-Ka-Pha Multi-Speciality Hospital)**
- ☐ **SAKSHAM 2021: Best Overall Performance Award**

India's Best Employers
Among Nation -
Builders - 2022



धन्यवाद

Thank You