ENERGISING NEW DISCOVERIES

CORPORATE BROCHURE 2022

ongc

Vision

To be a global leader in **Integrated Energy Business** through sustainable growth, knowledge excellence and exemplary governance practices.

Mission

World Class

- Dedicated to excellence by leveraging competitive advantages in R&D and technology with involved people.
- Imbibe high standards of business ethics and organizational values.
- Abiding commitment to safety, health and environment to enrich quality of community life.
- Foster a culture of trust, openness and mutual concern to make working a stimulating and challenging experience for our people.
- Strive for customer delight through quality products and services.

Integrated In Energy Business

- Focus on domestic and international oil and gas exploration and production business opportunities.
- Provide value linkages in other sectors of energy business.
- Create growth opportunities and maximize shareholder value.

Dominant Indian Leadership

- Retain dominant position in Indian petroleum sector and enhance India's energy availability.

About ONGC

- **A Maharatna CPSE** under the administrative control of the Ministry of Petroleum & Natural Gas
- An **integrated energy company** operating along the hydrocarbon value chain with **58.91%** shareholding by Govt. of India
- Discovers, produces, refines and markets **oil and gas,** and also produces **petrochemicals**
- Contributes **76.7%** to Indian domestic production (including JV share)
- Discovered **7 out of 8** producing basins in India
- Have discovered 9th Basin - Vindhyan Basin
- Also engaged in **power generation** and has considerable **renewable energy** portfolio

Giving India its Ninth Basin

ONGC has unlocked another accolade to its laurels with the discovery of ninth Basin of India and the eighth by ONGC; the **Vindhyan Basin**.

ONGC has also envisioned to achieve its acreage acquisition program of bringing around **5, 00,000 sq. km under active exploration by 2025**.

With the monetization of Asokenagar-1 discovery, the **Bengal basin became the eighth basin of India** from which hydrocarbon has commercially been produced. This has resulted in the upgradation of the Bengal Basin to Category-I.

With this, ONGC has **discovered seven out of eight producing basins** of the country.

ONGC Portfolio 2040

Upstream Production
2x

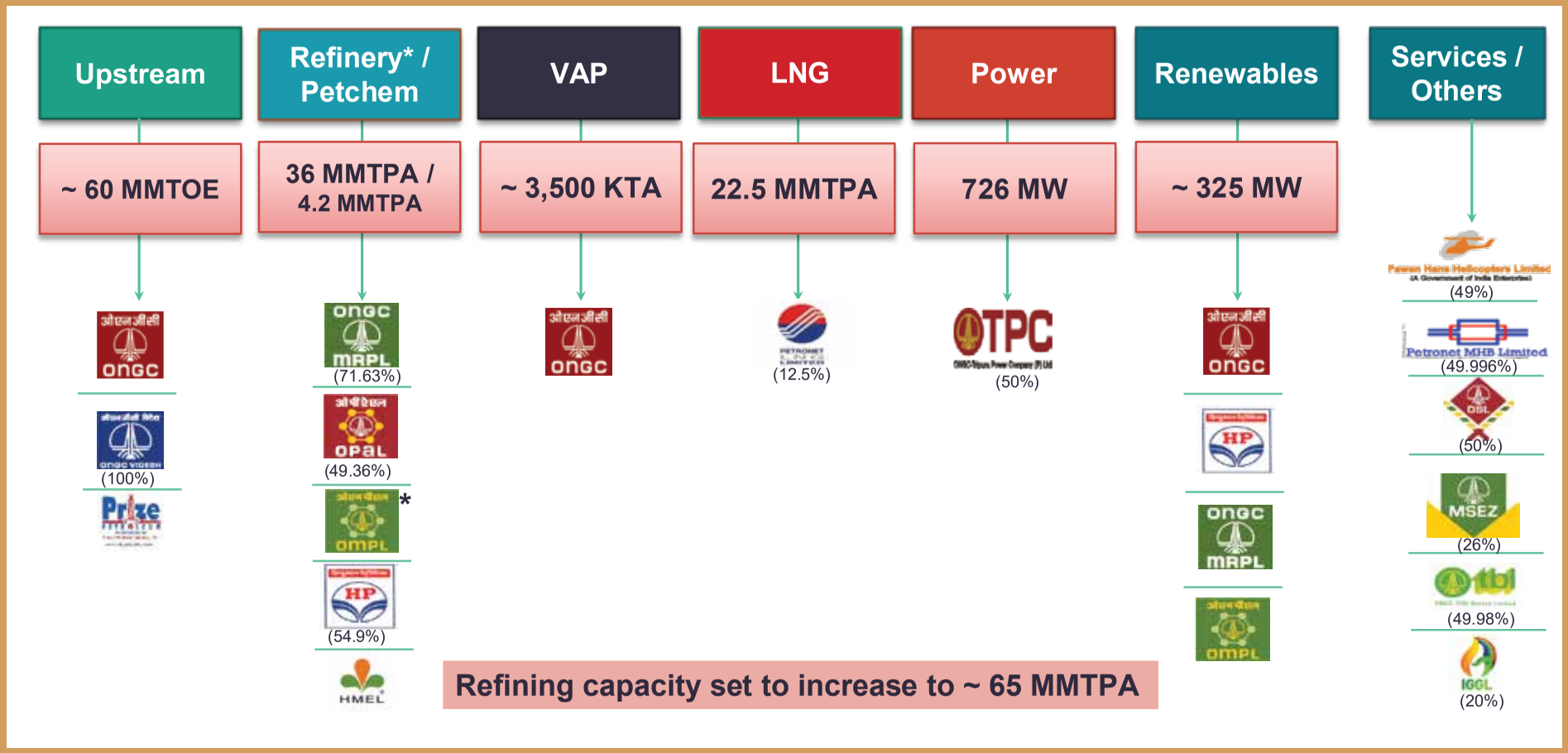
Refining Capacity
3x

Renewables
10 GW

$1B corpus for new frontier opportunities

ONGC Group

Integrated Energy Company; Expanding Footprints in Energy Business



ONGC Group
Performance Highlights FY'22

Added 1 more basin
4 discoveries; monetised 6
OIL & GAS DISCOVERIES

55.72 MMTOE
OIL & GAS PRODUCTION

29.02 MMT
REFINERY THROUGHPUT

3089 KT
VALUE ADDED PRODUCTS

1221.48 MMTOE
ESTIMATED 2P O+OEG RESERVES

RRR > 1
CONTRIBUTING TO OPERATIONS SUSTAINABILITY

Renewable~348 MW
CLEAN POWER GENERATION CAPACITY

Revenue
5,31,762 Crore

Growth Pursuits

Aggressive Investment in Upstream

- E&P expenditure of about **₹ 1,50,000 Crore** in last 5 years

16 Major Projects (>100 Crore) under execution

- 10 Development and 6 Infrastructure Projects; Investment of **~ ₹ 61,000 Cr**
- Envisaged Lifecycle Gain of **112 MMTOE**

E & P Infrastructure

Offshore Installation	312
Onshore Installation	269
Pipelines	30,175 Km
OSVs/MSVs	9+48*
Well Stimulation Vessel	1+1*
Seismic Crews	15+8*
Drilling Rigs	61+35*
Work-Over Rigs	46+38*

152	Well Stimulation Units
28+65*	Well Logging Units
15	Process Complex
2*	FPSO
3	Plants
29,926	Diversified Manpower
257	Well Head Platform
14	Institutes

***CHARTER - HIRE**
As on May, 2022

Processing Infrastructure

- **HAZIRA, GUJARAT**
  Handling Capacity : **46.9 MMSCMD Sour Gas**
  Products : **LPG, ARN, SKO, ATF, Propane**
- **URAN, MAHARASHTRA**
  Handling Capacity : **16.75 MMSCMD Oil & 16 MMSCMD Gas**
  Value Added Products : **LPG, C2-C3, LAN**
- **C2-C3 PLANT, GUJARAT**
  Handling Capacity : **4.9 MMTPA of LNG**
  Products : **Ethane (C2), Propane (C3) and Butane (C4)**
- **ANKLESHWAR AND GANDHAR, GUJARAT**
  Handling Capacity : **0.1 MMTPA Oil & 1 MMSCMD Gas**
  Products : **LPG, Naphtha**
- **TATIPAKA, ANDHRA PRADESH**
  Handling Capacity : **0.1 MMTPA Oil**
  Products : **Naphtha, SKO, HSD, Fuel Oil**

LPG	Liquefied Petroleum Gas
SKO	Superior Kerosene Oil
C2	Ethane
C3	Propane
C4	Butane
HSD	High Speed Diesel
ATF	Aviation Turbine Fuel
LAN	Low Aromatic Naphtha
ARN	Aromatic Rich Naphtha
MMTPA	Million Metric Tonnes Per Annum
MMSCMD	Million Metric Standard Cubic Meter per day

Evolution of ONGC

EXPLORATION & PRODUCTION

1956

- ONGC traces its history to the **establishment of the Commission** in 1956
- Converted into a statutory body by an Act of Parliament in October 1959

1958-63

- **First Oil in Cambay, other Oil and Gas Discoveries in Gujarat**

1965

- **ONGC Videsh** (erstwhile Hydrocarbon India Ltd) was established
- **Second Largest Petroleum Company** of India

1974-76

- Discovered **Mumbai High and Bassein Gas field**

GAS

1984

- **GAIL** carved out of ONGC

REFINERY

2003

- Acquired **majority stake** in MRPL
- **Major Oil Refiner** in India with 15 MMTPA capacity

GAS

2004

- **Petronet LNG:** India's largest LNG operator
- Operates a **17.5 MMTPA** LNG receiving and regasification terminal at Dahej and **5 MMTPA** regasification terminal at Kochi, Kerala

PETRO-CHEMICALS

2006

- **Diversification into Petrochemicals**
- ONGC and MRPL jointly promoted **OMPL** (now amalgamated with MRPL)
- **ONGC, GAIL** and **GSPC** promoted **OPAL**

MARKETING

2018

- Acquisition of **51.11%** stake in **HPCL** Presently equity stake in HPCL 1354.9
- **Maharatna CPSE** and a **Forbes 2000** company
- India's **2nd Largest** Oil Marketing Company, **Largest** Lube Marketer; **2nd Largest** Marketer in LPG Sales

ONGC Group - Snapshot

Maharatna CPSE

Most Gender Diversified Maharatna Board

Produces

~ 68% of domestic O + OEG

Highest Market Cap among all CPSEs

Vertically Integrated - Refining & Marketing

HPCL & MRPL

38 MMTA of refining capacity

Extensive Network

20,025 Retail Outlets

Redefining Value Chain through Petrochemicals

OPaL

- One of the **Largest Dual Feed Cracker** in the World

OMPL (merged with MRPL in May 2022)

- World-class Aromatic Petchem Complex

Beyond E&P

OTPC

- 726.6 MW Gas based Power Plant

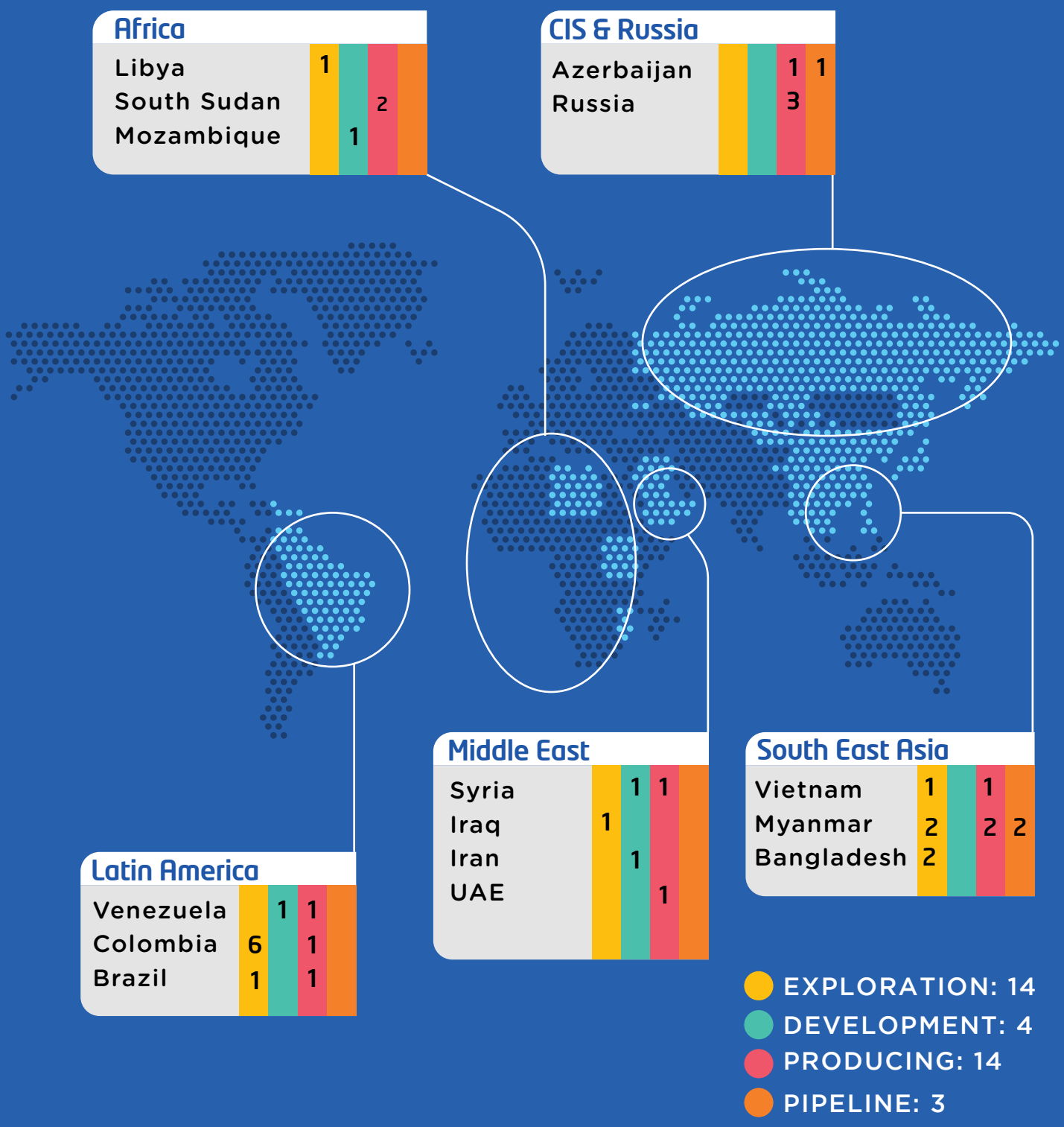
Petronet LNG

- India's largest LNG importer

Renewables

- 153 MW Wind Power, 31 MW Solar Capacity

ONGC Videsh
GLOBAL FOOTPRINTS



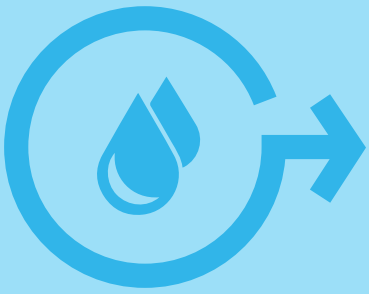
Presence across 15 countries with 35 projects

- Primary business is to prospect for oil and gas acreages outside India, **including exploration, development and production of oil and gas**
- Shareholding: **ONGC-100%**
- **First Indian Company** to produce equity oil and gas abroad
- Owns Participating Interests in **35 oil and gas assets in 15 countries**
- **Second largest petroleum company** of India in terms of reserves and production

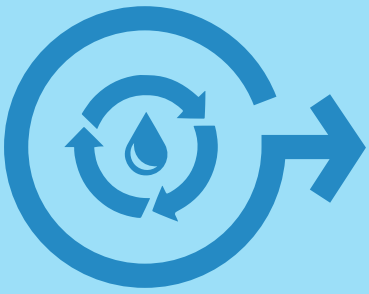
People, Planet, Profit
Sustainable Solutions for a Green Planet

From preservation of ecological balance to reducing our carbon footprints

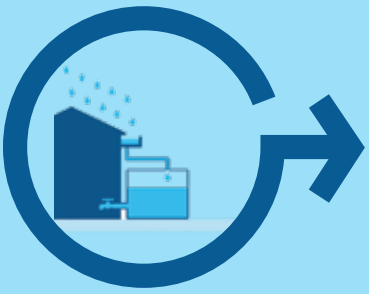
we are committed to energising people's lives sustainably



Minimising the use of water in our operations



Increasing the use of recycled water



Developing rain water harvesting systems to replenish ground water resources

Reducing our Carbon Footprints

15 Clean Development Projects registered with United Nations till date, with Certified Emission Reduction of 2.2 MMT CO_2e annually.

- **Wind Energy**

  Total installed capacity of 153 MW (As on 31st March, 2022)

- **Solar Energy**

  a. Total installed capacity 31.06 MW till 2021-22

  b. Projects of 5 MW capacity under tendering; Feasibility is being evaluated for another 100 MW capacity

- **Energy Saving Initiatives**

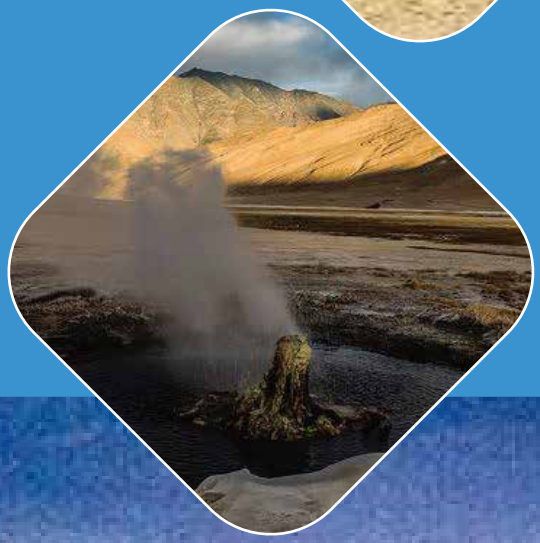
  a. Energy cum Technical Audits conducted in FY'22 - 314

  b. LED lights installed – 41,000 in FY'22

  c. Energy saving – 75.9 MU (Monetary saving - ₹ 53.1 Crore)

Beyond E&P

- ONGC Board has approved creation of wholly owned subsidiary for **Natural Gas business**
- Developing India's maiden **Geothermal Field Development Project** in Ladakh
- Acquired **5% equity** in Indian Gas Exchange Ltd (IGX)
- **First E&P company to trade Domestic Gas on Gas Exchange**
- Signed MoU with ONGC Teri Biotech Limited for cooperation in **Bio-Remediation Technology** and **Microbial Enhanced Oil Recovery**
- Signed MoU with Skoltech, Russia for cooperation in **Gas Hydrate Research**



Institutes

KDMIPE, Dehradun
G&G Basin Modelling

GEOPIC, Dehradun
Seismic Data Processing

IDT, Dehradun
Drilling Technology

IRS, Ahmedabad
Reservoir Management

IOGPT, Panvel
Production Engineering

ONGC ACADEMY, Dehradun
Management Development

IEOT, Panvel
Geotechnical & Structural Engineering

ONGC ENERGY CENTRE,
New Delhi, New Energy

IPSHEM, Goa
Health, Safety & Environment

SMP, Vadodara
Oil field equipment maintenance

CEWELL, Vadodara
Technology Hub-Well Logging

INBIGS, Jorhat
Geo-microbial prospecting

SDCs, Pan-India
Skill Development Centres

GHRTC, Panvel
Gas Hydrates Research & Technology Centre

A Responsible Corporate

Spending more than 100% of the allocated budget for CSR every year, ONGC is pursuing several significant projects in the area of healthcare, education, infrastructure, promotion of arts and crafts, etc

Thematic areas of ONGC's CSR Activities

Leader in CSR spending among CPSEs: ₹2,736 crore in last 5 years

Our People Our Pride

ONGC in Forbes list of World's Best Employers - **Ranked 404**

Forbes Global list of **750 World's Best Employers**

ONGC accredited Great Place to Work 2022

(Third year in continuation)

FIPI: Oil & Gas - Exploration Company of the Year 2021

Golden Peacock Environment Management Award 2021

Golden Peacock National Training Award 2021 (ONGC Academy)

AIMA Award in CSR (Siu-Ka-Pha Multi-Speciality Hospital)

SAKSHAM 2021: Best Overall Performance Award

Combating Challenges

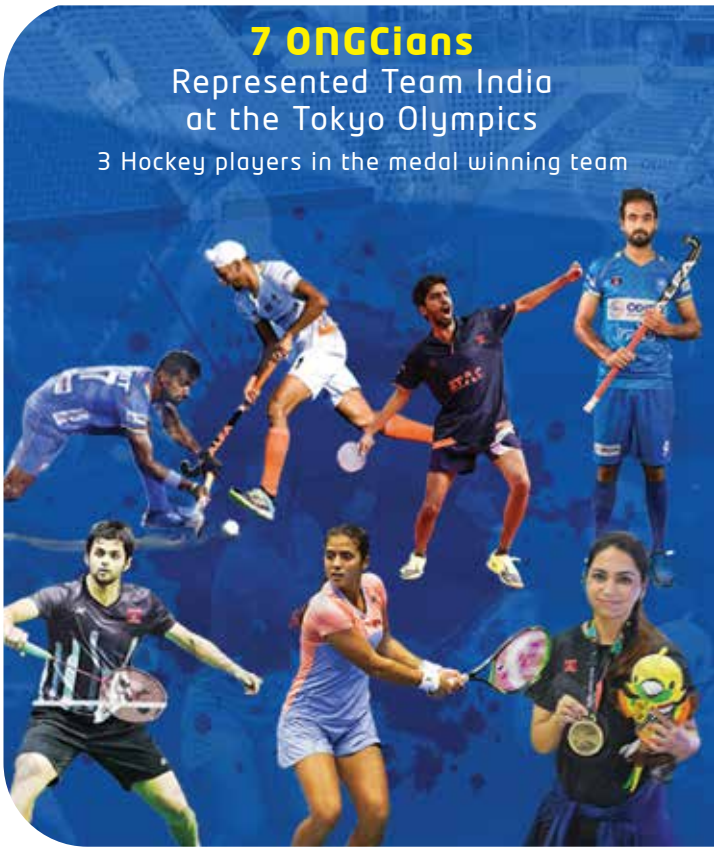
- **Maintained critical Oil and Gas supplies** to the country despite all challenges
- **Supporting marginalised communities during pandemic:** 380 projects worth ₹29.84 Crore undertaken to tackle COVID-19 outbreak in operational areas benefiting 44.62 lakh people
- **Operation Nishtha** ONGC undertook a massive exercise to replace the crew in offshore and onshore fields during lockdown
- **Supplied NATO Grade HSD to Indian Navy during lockdown to support mission Samudra SETU** Samudra SETU mission was undertaken to repatriate expatriates stranded in neighbouring countries
- ONGC **donated ₹ 300 Crore** to PM CARES fund
- **Helped develop indigenous capacity in manufacturing oxygen concentrators in India:** some of the developed companies are now exporting concentrators to the neighbouring countries even now.
- **Supported Covid vaccine logistics supply chain** in Tripura, Nagaland, Gujarat and Uttarakhandt

Championing Sports in the country

ONGC continued its large scale support for development of sports in the country in the form of employment to 171 sports persons and scholarships to 289 budding talents in 25 game disciplines.

Corporate Achievement

The President of India Mr Ram Nath Kovind conferred the **Rastriya Khel Protsahan Puraskar** upon ONGC in the category of "Encouragement to sports through Corporate Social Responsibility".



Individual Achievements

Arjuna Awardees :

- Ishant Sharma (Cricket)
- Vishesh Bhriguvanshi (Basketball)
- Madhurika Patkar (Table Tennis)

Dhyanchand Awardee:

- Manpreet Singh (Kabaddi)

The total number of National Awardees in the organization stand at 56:

- Padma Bhushan - **1**
- Khel Ratna - **2**
- Padma Shri - **6**
- Arjuna Award - **45**
- Dhyanchand Award - **2**

ONGCian HS Pronnoy part of Thomas Cup winning Indian Badminton Team

Awards and Accolades

S&P Global Platts

RANKED #25
in the Platts Top 250 Global Energy Company Rankings 2021

RANKED #243
in the Fortune Global 500 list for 2021

FORTUNE

Forbes

RANKED #228
in Forbes Global 2000 list 2022

ओएनजीसी
ONGC

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An ONGC Corporate Communications Publication - May 2022