



HINDUSTAN COPPER LIMITED
A GOVERNMENT OF INDIA ENTERPRISE



Corporate Presentation

June 2023



The Copper Miner to The Nation

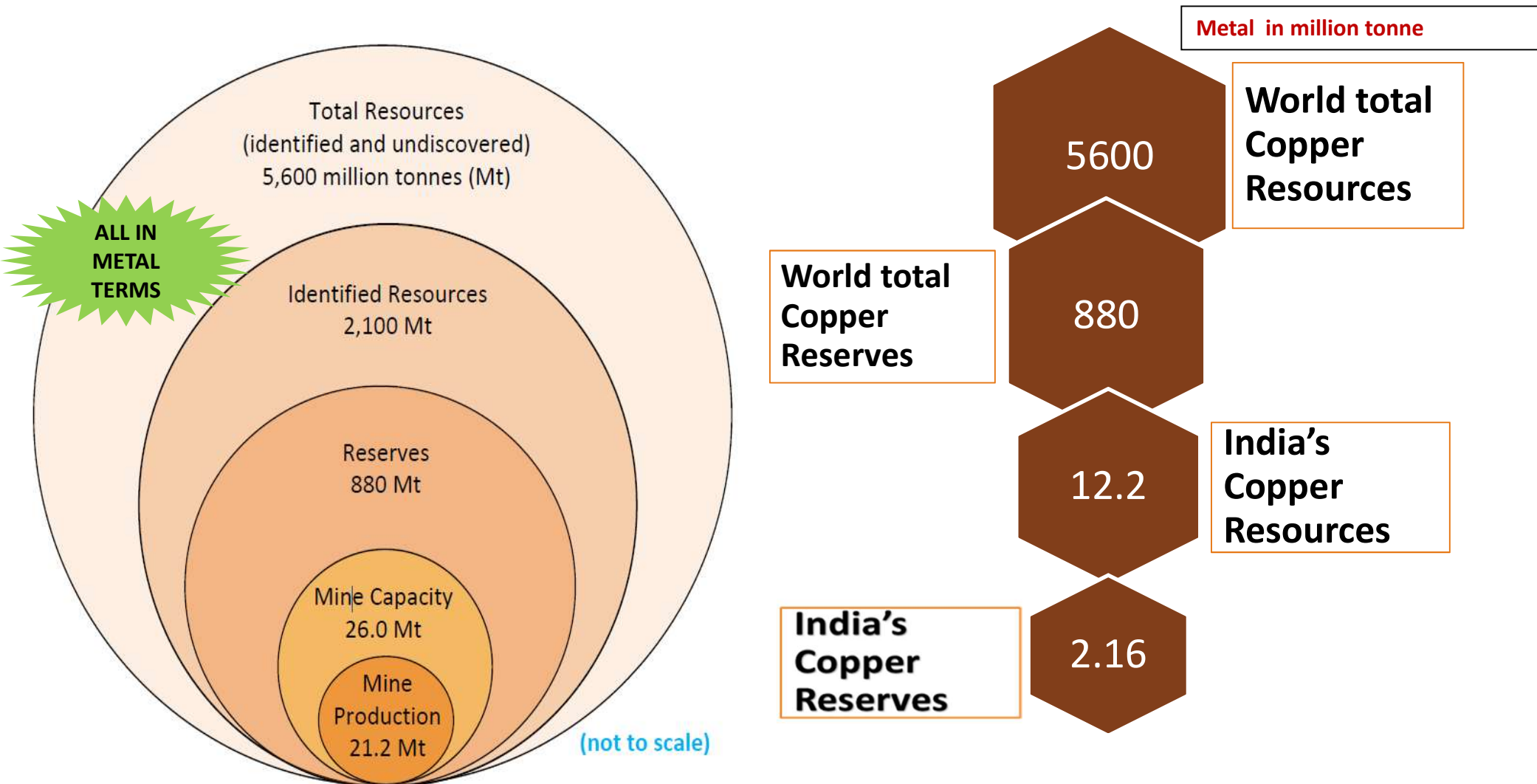


- A 'Miniratna' Category 1 CPSE, was setup in 1967 with 100 % Government of India (GoI) ownership
 - The present GoI shareholding is 66.14%
-
- Sole vertically integrated producer of refined copper in India having facilities of mining, ore beneficiation, smelting, refining and extruding of copper rods
 - Owns all the operating mining leases of copper ore in India
 - Has access to about 55% of India's copper ore reserves and resources
-
- Resources & Reserves: 698.44 Million tonnes (estimated balance as on 01.04.2023)
-
- Phase I Mining Expansion: Increase capacity from around 4 MTPA to 12.20 MTPA – currently under implementation
-
- Market Capitalization – Rs. 15404 Crore²
 - Credit Rating: Short Term: ICRA A1+; Long Term; ICRA AA+(Stable)⁴

Notes:

1. Reserves and Resources as on dated April 1, 2023
2. BSE as on Sep 27, 2023
3. Based on stock exchange filings for the period ended March 31st, 2022
4. ICRA credit rating report, October 2022
5. MTPA – Million Tonnes Per Annum

WORLD COPPER RESERVES AND RESOURCES vis-a-vis INDIA'S POSITION

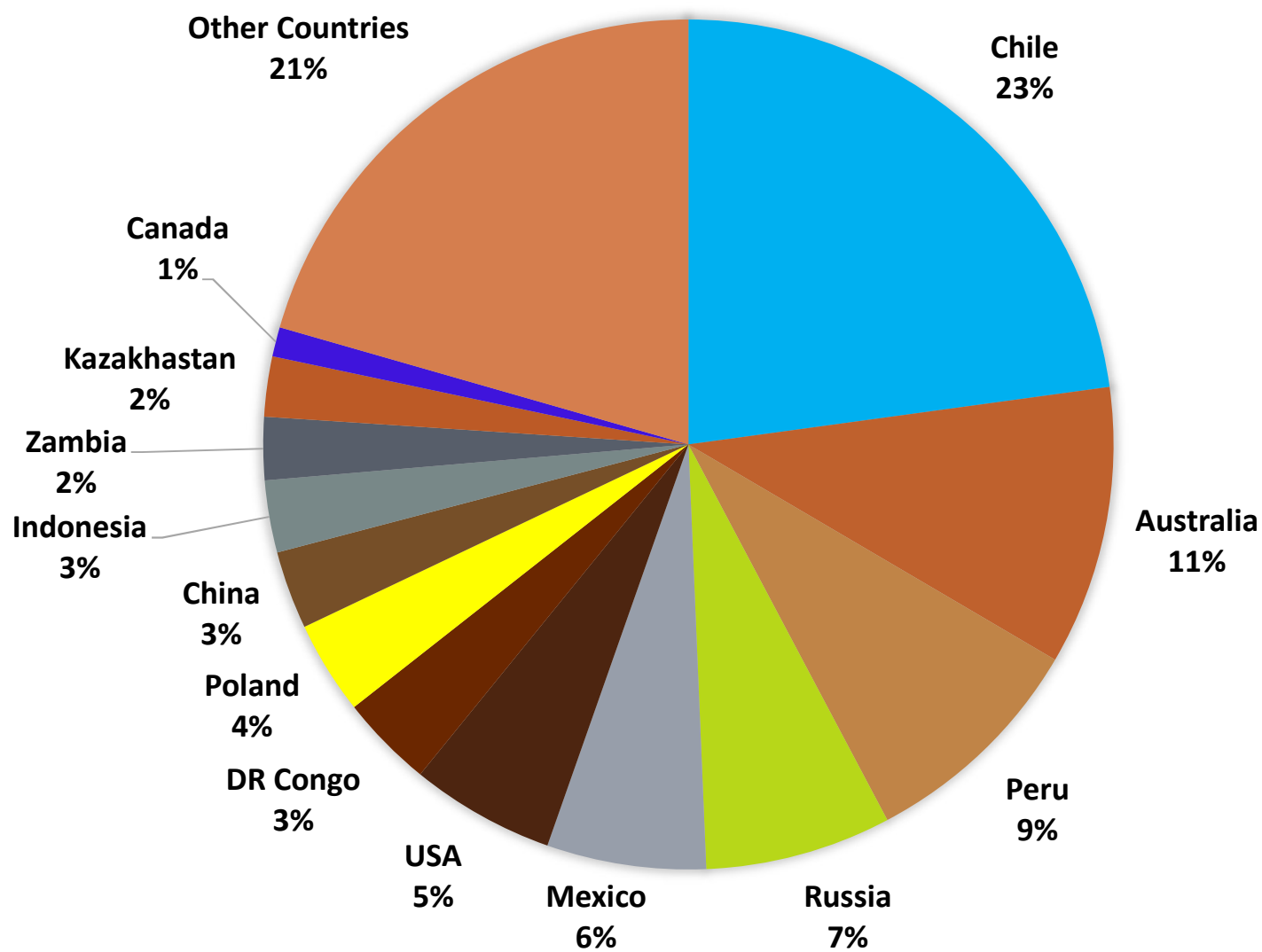


WORLD COPPER AT A GLANCE

INDIA HAS 0.25 % OF WORLD RESERVES



COUNTRY WISE COPPER RESERVES (in metal terms)



PER CAPITA COPPER CONSUMPTION IN INDIA vis a vis WORLD CONSUMPTION TREND



COUNTRY/REGION WISE COPPER CONSUMPTION TREND IN 2022

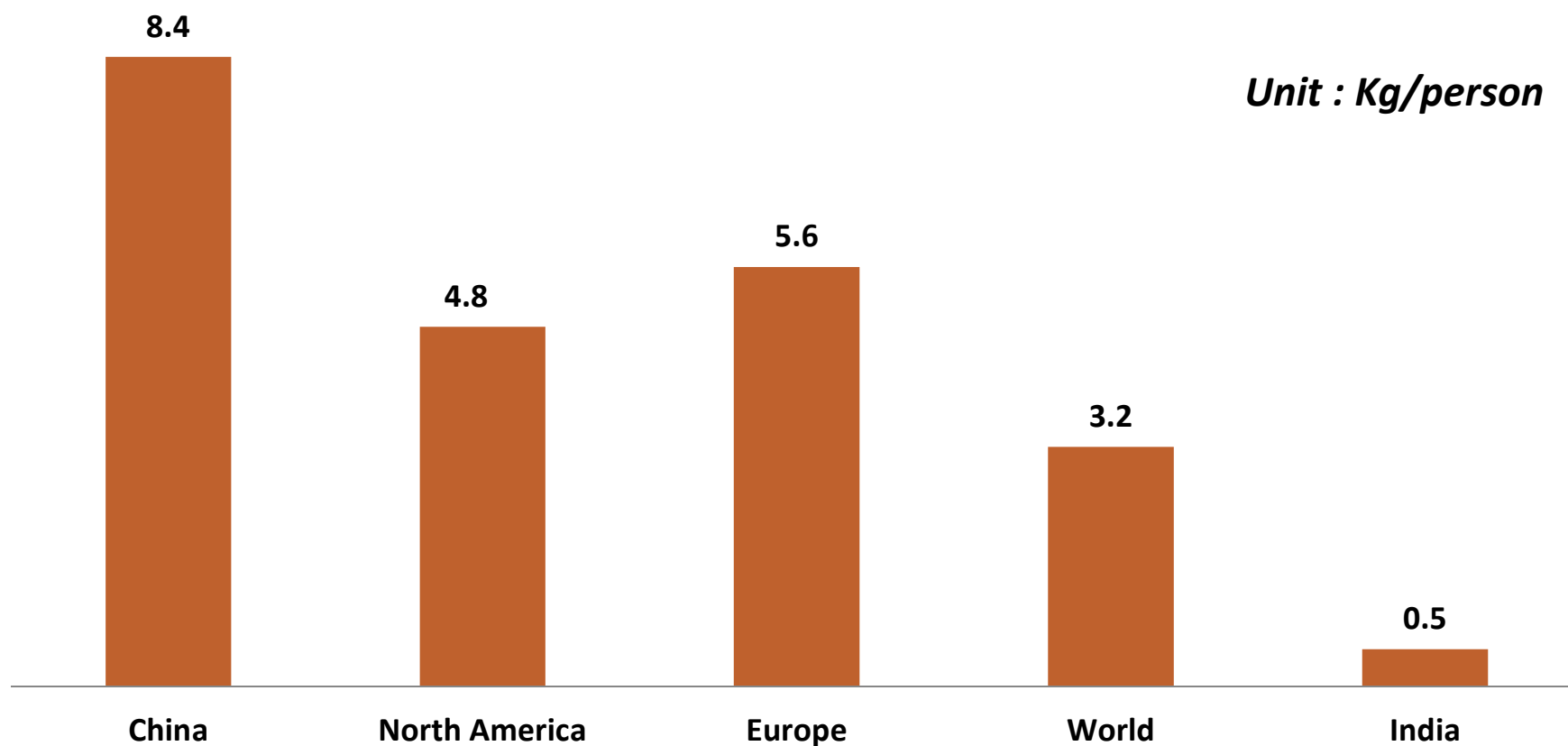
China (55%)

Other Asia (21%)

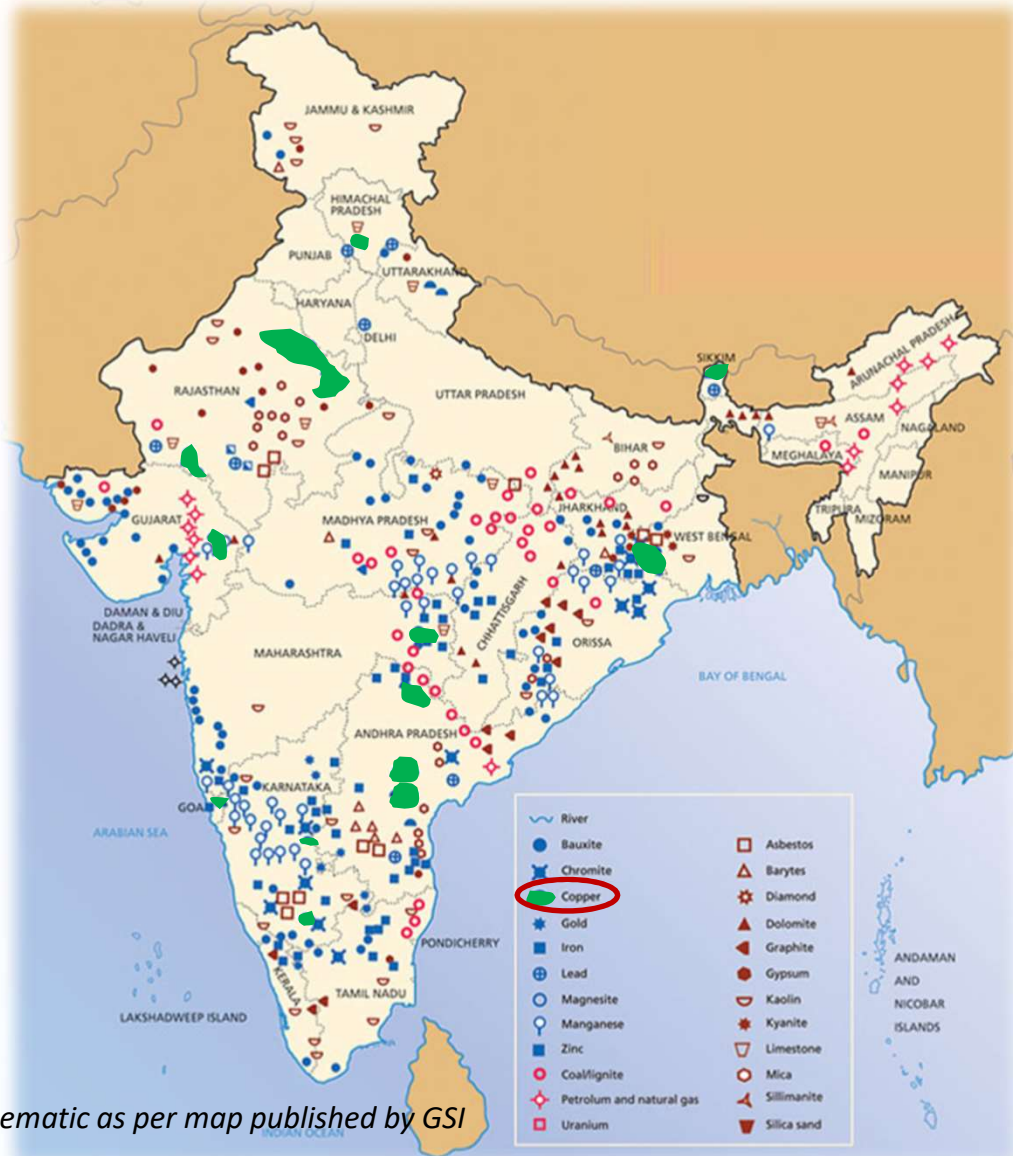
Europe (13%)

America (10%)

Other (1%)



COPPER DEPOSITS IN INDIA



❑ Rajasthan has the largest (52.25%) reserves/resources of copper ore in the country, followed by Madhya Pradesh (23.28 %) and Jharkhand (15.14%).

❑ In fact, these States account for 90.67% of the total copper ore reserves with Andhra Pradesh, Gujarat, Haryana, Karnataka, Maharashtra, Meghalaya, Nagaland, Odisha, Sikkim, Tamilnadu, Telangana, Uttarakhand and West Bengal accounting for remaining 9.33%.

Schematic as per map published by GSI

Currently all the operating copper mines are with HCL having 2/5th of India's copper reserve and resources.



TYPES OF COPPER INDUSTRIES

Copper industries can be divided into following broad sectors:

- ❑ **COPPER MINERS** - which mine ore to produce copper concentrate;
- ❑ **COPPER CUSTOM SMELTERS** - which smelt and refine the concentrate obtained from copper mines to produce refined copper
- ❑ **INTEGRATED COPPER PRODUCERS**- which undertake mining, smelting/leaching and refining to produce refined copper products.
- ❑ **SECONDARY COPPER PRODUCERS**- Uses scrap material for refined copper production
- ❑ **DOWNSTREAM INDUSTRIES**- Uses Refined copper to produce downstream value added products like CCR , Wire , Bus Bar etc.



COPPER INDUSTRY IN INDIA

1. Hindustan Copper Ltd. - The only copper miner in India

Custom Smelters :

- 2. Hindalco Industries Ltd. (Birla Copper)** – Capacity - 5 lakh tpa Refined Copper
- 3. Vedanta Limited (Sterlite Copper)** – Capacity – 4.6 lakh tpa (Tuticorin unit not in operation since early 2018). Only refinery unit at Silvasa is under operation.
- 4. Adani Group (Kutch Copper Ltd.)** – Proposed Capacity - 10 lakh tpa Refined Copper. The Plant is under construction of capacity 5 lakh tpa (Phase-I) and it is reported to be commissioned in 2024.

These industries **import the entire raw material** i.e. Copper Concentrate to produce refined copper.

- ✓ These are big industries and strategically **located at ports** in order to take advantage of transportation cost associated with import of raw material / export of finished product and extraction of by-products.

tpa: Tonnes per annum

HCL AT A GLANCE



Khetri Copper Complex (KCC)

Location	Khetrinagar , Rajasthan
Inception	1967
Facility	Mining, Beneficiation
Product & Capacity	Copper Concentrate - Ore Milling capacity (18 lakh tpa)

Indian Copper Complex (ICC)

Location	Ghatsila, Jharkhand
Inception	1924, Nationalized in 1972
Facility	Mining, Beneficiation, Smelting & Refining
Product & Capacity	Copper concentrate - Ore Milling capacity (4 lakh tpa) Refined Copper - 18500 tpa

Gujarat Copper Project (GCP)

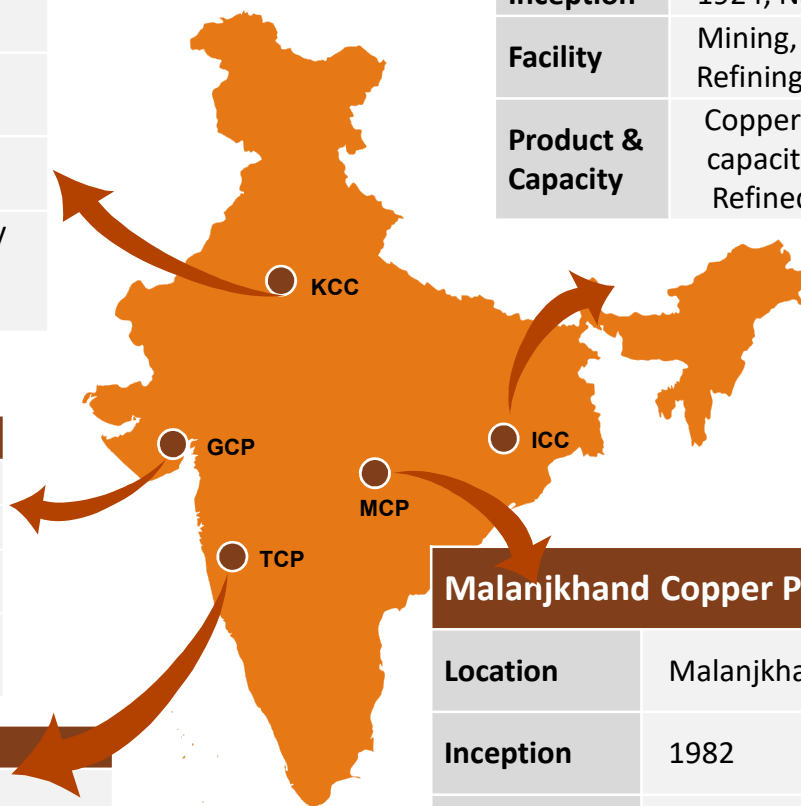
Location	Jhagadia, Gujarat
Acquisition	2015
Facility	Secondary smelting & Refining
Product & Capacity	Refined Copper - 50000 tpa

Taloja Copper Project (TCP)

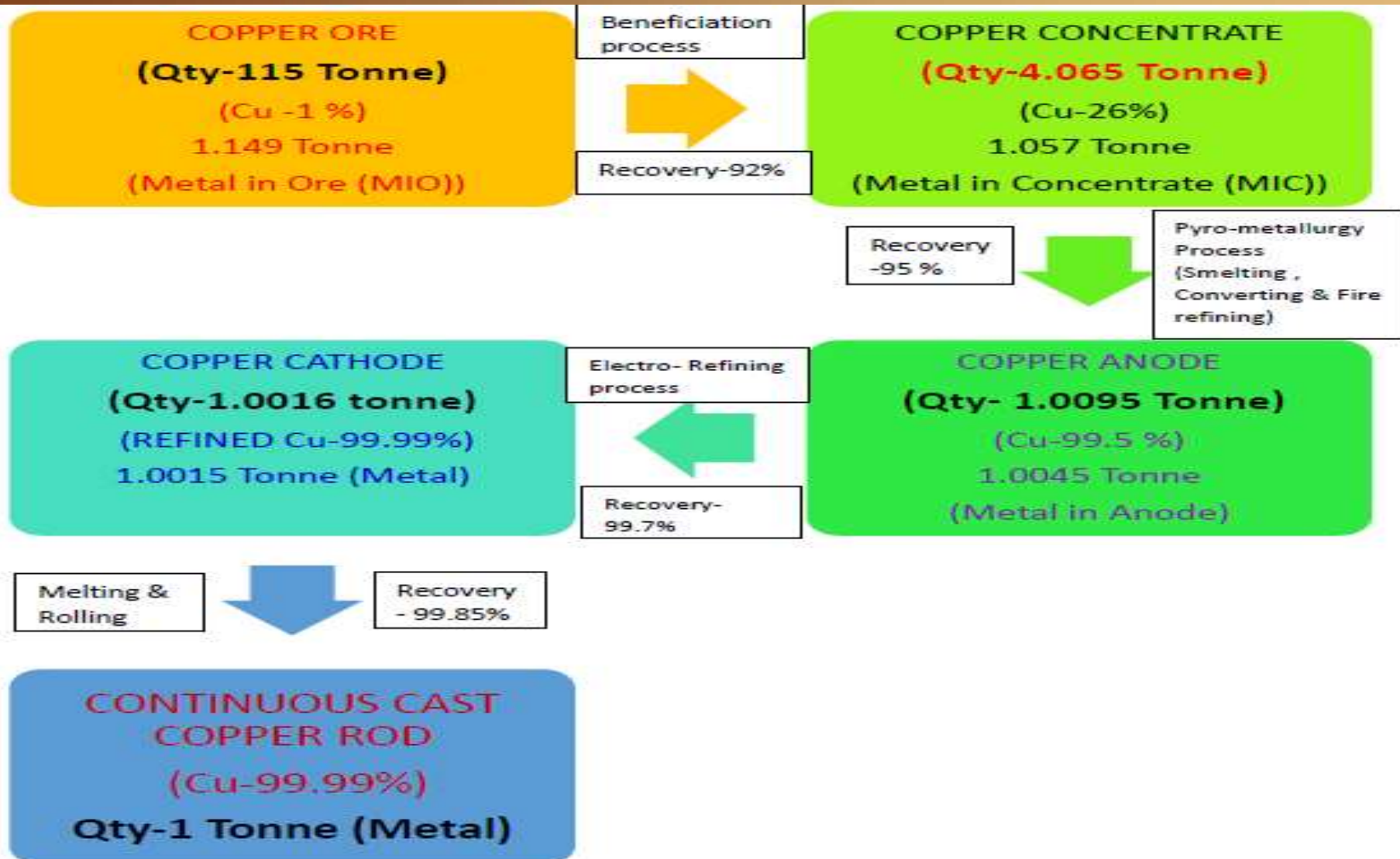
Location	Taloja, Maharashtra
Inception	1988
Facility	Continuous casting of wire rod
Product & Capacity	Continuous Cast wire rod (CCR) - 60000 tpa

Malanjkhand Copper Project (MCP)

Location	Malanjkhand, Madhya Pradesh
Inception	1982
Facility	Mining, Beneficiation
Product & Capacity	Copper Concentrate - Ore Milling capacity (25 lakh tpa)



COPPER METAL BALANCE IN VARIOUS STAGES OF COPPER MAKING

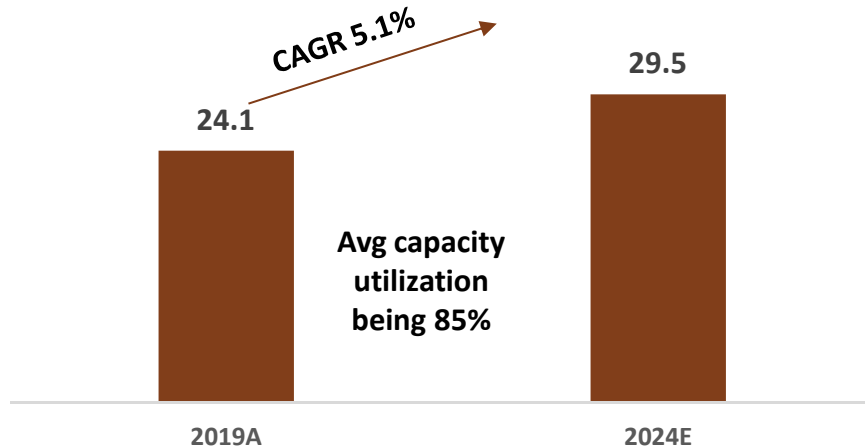




Mining Capacity to increase on the backing of demand

World Copper Mine Capacity to increase

(mn tonnes)



1 **Electric vehicles** contain approximately **four times** more copper than conventional cars.

Batteries, Windings and copper rotors used in electric motors, wiring, busbars and charging infrastructure.

Conventional Cars – 23Kg

Hybrid Electric Vehicles – 40 Kg

Plug-in Hybrid Electric Vehicles – 60 Kg

Battery Electric Vehicles – 83 Kg

Hybrid Electric Bus – 89 Kg

Electric Bus – 224 -369 Kg

2 **Electrical Products like Wire, cables etc.**

3 **Renewable Energy Products; Wind, Solar etc.**

4 **Electronics and Communication**

5 **Construction**

6 **Industrial Machinery and Equipment**

7 **Transportation**





Evolution & Share Holding Structure

Evolution of Hindustan Copper

1967

Hindustan Copper was setup in 1967 with 100 % GoI ownership and assets at Khetri, Rajasthan transferred to Hindustan Copper from NMDC Limited

1972

Government of India nationalized Indian Copper Corporation Limited, Ghatsila, Jharkhand and merged with Hindustan Copper

1988

Wire rod copper plant at Taloja was commissioned

2008

Government of India granted Hindustan Copper Limited status of "Miniratna category -I"

2015

Firmed up major expansion projects to enhance mine capacity from 3.4 mtpa to 12.2 mtpa in Phase-I which is under implementation

2018

New mine at Banwas was completed and production commenced

2022

MCP underground mines Production Started.

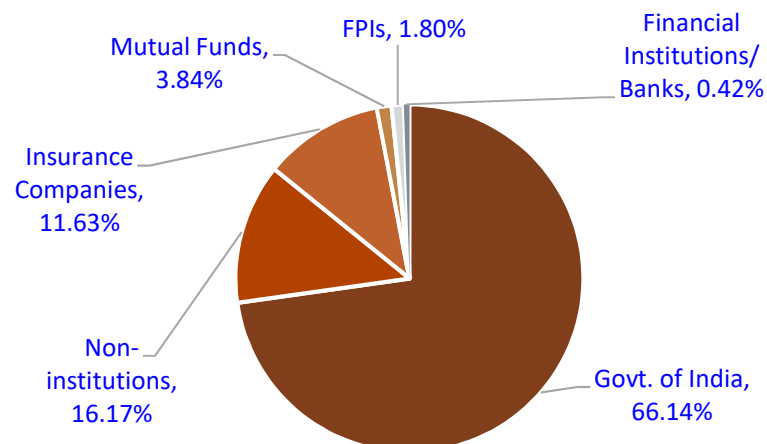
Listed on **BSE and NSE**

Number of Shares: **967024020**

Share Price (52Wk High/Low):
Rs. 174.75 / Rs. 93.85²

Market Cap: **Rs. 15404 Crore (27/09/2023)**

Shareholding Pattern ³



Notes:

1. BSE as of Sep 27, 2023
2. Shareholding position as on June 30, 2023

Products



- **Copper Concentrate**

Grade 17-26%



- **Applications**

Smelting and Refining of Copper Products

- **Cathode**

Purity: 99.99% - equivalent to LME

Grade – "A" specification



- **Applications**

Alloys, foils, CC Wire Rods

- **Continuous Cast Wire Rod**

Diameter(mm): 8, 11, 12.5, 16, 19.6

(+/- 0.50 mm)



- **Applications**

Winding wires, strips, etc.

DETAIL OF MINING LEASES & LEASE WISE ORE RESERVE / RESOURCES



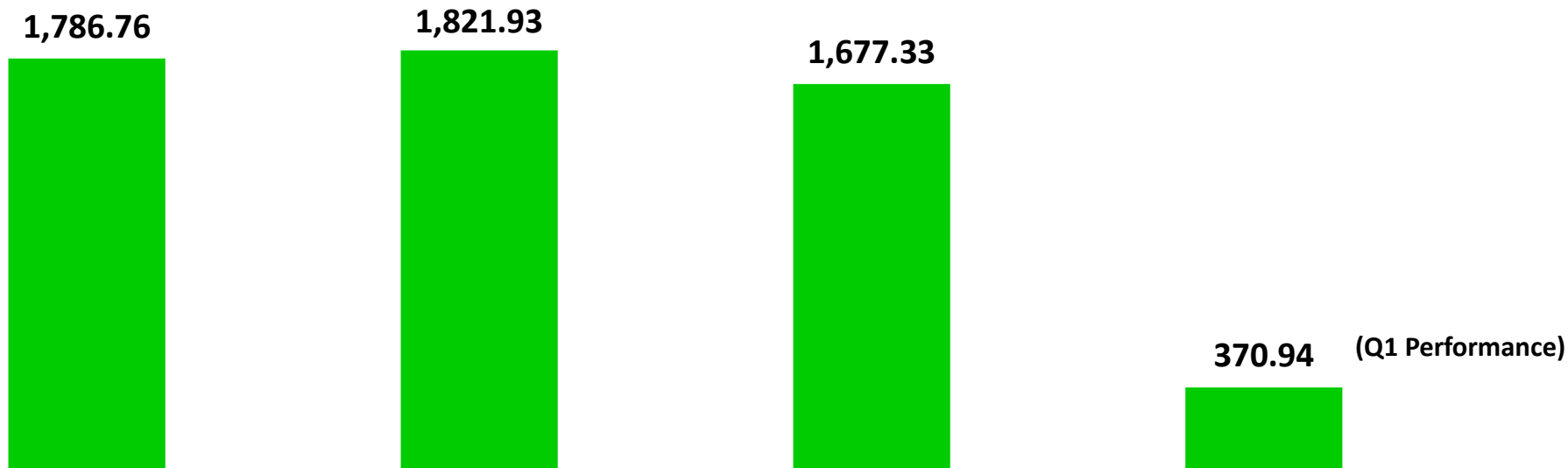
State	Unit	Mining Lease/ Area (in ha)	Lease validity	Reserve & Resources (in Million tonne, as on 01.04.23)	Remarks
Jharkhand	ICC	Surda/ 388.68	31.03.2040	34.77 (@ 1.00 % Cu)	Lease deed execution awaited due to amendment in EC dtd. 30.05.2022 (diff. between EC area 323.16 ha & ML area of 388.68 ha), which is pending for Stage-I FC of 65.52 ha.
		Kendadih/ 1139.60	02.06.2023	56.68 (@ 1.16 % Cu)	Extension of ML/ LoI under consideration
		Rakha/ 785.091	28.08.2021	229.26 (@ 0.85 % Cu)	Letter of Consideration issued on 31.05.2023. Extension of ML is awaited.
Rajasthan	KCC	Khetri/ 395.07	31.03.2040	47.46 (@ 1.41 % Cu)	----
		Kolihan/ 163.23	31.03.2040	15.21 (@ 1.21 % Cu)	----
		Chandmari/ 148.45	26.12.2042	13.27 (@ 0.99 % Cu)	----
Madhya Pradesh	MCP	Malanjkhanda/ 479.90	27.08.2043	301.80 (@ 0.91 % Cu)	----
Total for HCL				698.44 (@ 0.96 % Cu)	

FINANCIAL PERFORMANCE TREND



Revenue from Operations

(Rs. in Crore)



FY 2020-21

FY 2021-22

FY-2022-23

FY 2023-24 (TILL Q1)

YEAR	ACTUAL AVERAGE LME (USD/TONNE)
2019-20	5859
2020-21	6878
2021-22	9691
2022-23	8551
2023-24 (TILL Q1)	8478

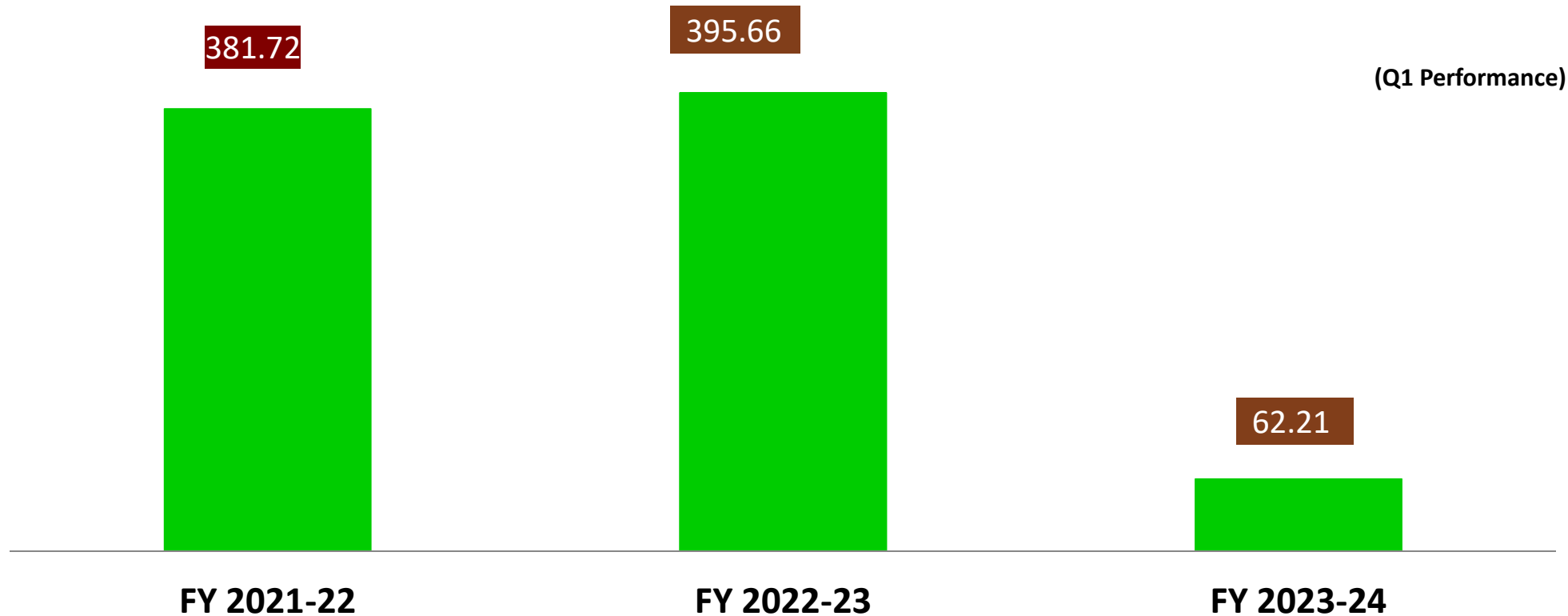
FINANCIAL PERFORMANCE TREND CONTD



Profit/Loss before tax (PBT)

(Rs. in Crore)

Achievement



CAPEX – Target vis-a-vis Actual



Figures in Rs Crore

Year	MoU Target	Actual
FY-2021-22	350	428
FY-2022-23	350	381.28
FY-2023-24	350	118.04 (Till Q1)

IMPORTANT PROJECTS OF HCL



- MCP UNDERGROUND MINE INFRASTRUCTURE DEVELOPMENT- **FLAGSHIP PROJECT**
- PASTE FILL PLANT- **AN ENABLING PROJECT FOR EFFICIENT U/G MINING AT MCP**
- NEW CONCENTRATOR PLANT AT MCP- **FOR PROCESSING ADDITIONAL ORE PRODUCED**
- TRACK TO TRACKLESS MINING AT KHETRI MINE- **FOR CONTINUITY OF ORE PRODUCTION**
- DEPTH EXPLORATION AT KOLIHAN MINE- **TO DECIDE FUTURE ACTION PLAN**
- RE-OPENING OF RAKHA MINE- **FOR MIC PRODUCTION THROUGH MDO MODE**
- SURDA MINE EXPANSION PROJECT- **ENHANCING ORE PRODUCTION THERE**
- DEPTH EXPLORATION AT KENDADIH & RAKHA- **ENHANCING Cu RESOURCE & RESERVE**

RECENT NOTABLE ACHIEVEMENTS



- HCL won the prestigious 35th CFBP Jamnalal Bajaj Award for Fair Business Practices 2022-23 and also won award for Smart waste management in 2023 from ASSOCHAM.
- Malanjkhand Mine declared winner of National Safety Award in the large opencast metalliferous mines category for Longest Injury Free Period by DGMS and has been awarded 5-star rating (highest possible rating in India) by Indian Bureau of Mines for sustainable mining .
- The loan burden of the company has been significantly reduced from Rs. 1564 Cr. level to around Rs.157 Cr level presently.
- Market capitalization of the company has been enhanced multifold which indicates shareholders confidence on the company.
- Long pending wage agreement of unionized employees has been signed.

RECENT NOTABLE ACHIEVEMENTS.....contd.



- Inverted duty structure on copper concentrate has been addressed.
- Long term agreement for concentrate sale has been signed with domestic player for better realization and supported in reducing imports bill of the country.
- HCL has raised fund of Rs.500 Crore from the equity market through QIP. It is the first non-banking CPSE to achieve the same.
- HCL also facilitated DIPAM in raising fund of around Rs 742 Cr. by selling of Govt. share through OFS route. The current Govt. share holding in HCL after QIP & OFS is 66.14%.
- In the post pandemic period HCL is consistently making decent profit and the company is consistently paying dividend to its shareholders since 2021.
- The Company has been rated ICRA A1+ (the best possible rating on short term scale) ICRA AA+ (stable) (the second best rating on long term scale) for its borrowing limits.



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THANK YOU

