

# ZINC NEWS

THE MONTHLY HOUSE JOURNAL OF HINDUSTAN ZINC

VOL 41 | ISSUE 6 | AUGUST 2021



## ISSUE FOCUS

COVER STORY • 02  
Taking The Nation Ahead

COMMUNITY • 05  
Caring For Our  
Today & Tomorrow

SPECIAL FOCUS • 06  
Leading Decarbonization

# Wishing you all a very happy 75<sup>th</sup> Independence Day

Dear All,

Today, as we commemorate our 75th Independence Day, I write this message with my heart filled with gratitude to all of you. Hoisting the tricolour, taking part in celebrations, and listening to patriotic songs on August 15 always fills our hearts with pride & patriotism.

We have come a long way and yet our journey is that of a young nation; vibrant and dynamic, taking big strides to being a self-reliant and global powerhouse. On this day, let's take a minute to honour & remember all those who sacrificed their lives so that we can celebrate this day of freedom and independence with our loved ones.

I believe that in these trying times, we all have in some way or the other demonstrated the values of our tricolour. The second wave of COVID hit the country and challenged every combating measure that was put in place, but we all stood together and fought it. As an organization, we stepped-up by taking various COVID relief measures to help the communities around. I admire how courageously we are breaking new grounds to take the Nation ahead. It represents the strength & courage of Saffron in tricolour.

Since the year 2020, life has been tough for all of us, but we unitedly foregathered and brought in many positive advancements - integrated with innovative, technological, and digital interventions. Owing to our mission of a sustainable future, we have pioneered many initiatives from the use of battery-operated vehicles to digitally connected mines to Net-Zero commitments and click to plant initiative Zinc Eco Buddies. This seamless transition while working unitedly towards a clean & green future depicts the Ashoka Chakra and White colour of our flag.

I truly believe that the time wasn't easy and the new normal racked all of us into a difficult phase. However, your endurance has helped in overcoming all the obstacles and proceed our way ahead towards success. When I think of our last one-year milestones, it reminds me of Green in the tricolour that brings growth and prosperity to life. I am delighted to share that your hard work paid off, moving towards growth, making FY21 as one of our best years in terms of operational and cost efficiencies.

As a famous quote, "Hope is being able to see that there is light despite darkness", we should retain our hopes and believe that things will be better soon. The Tokyo Olympic games has been an evidence to it. The feeling of listening to our national anthem with our tricolour unfurling both literally & figuratively at the Olympic games gave every Indian hope, sense of pride, peace, and reason to celebrate.

I am happy to announce the launch of "Aatmanirbhar Bharat" ad film made by our Group which highlights and amplifies our vision of self-reliant India. To watch the video, click on the message. I am also glad about the launch of "Hum Hindustani" video which showcases our spirit of hope and light amidst the lingering darkness. Watch the video on Hindustan Zinc's YouTube channel.

Before I conclude, I would like to thank each one of you for your contribution in our company's growth despite all the hurdles. I firmly believe that we, together as a team will take forward the legacy of Hindustan Zinc to another level - to serve our people and the community around us.

I wish you & your family a very Happy Independence Day.

Jai Hind!

**Arun Misra,**  
CEO - Hindustan Zinc

**Desh Ki Zaroorat Ke Liye  
Desh ka apna Zinc!  
Hindustan Zinc**

Click the icon to engage  
with our CEO on Twitter:



## FROM MINI RATNA OF INDIA TO ZINC KOHINOOR OF THE WORLD - TAKING THE NATION AHEAD

55 years of creating value for the nation and emerging as a technology driven global leader in sustainable mining

Our journey is a turnaround story of less than two decades with a legacy that started 55 years ago in January 1966. As a responsible corporate that is driven by a high performance culture, we relentlessly work towards creating value for our stakeholders.

### POWERING INDIA'S GROWTH

- 2nd largest integrated zinc - lead producer in the world and 6th largest silver producer globally
- In the past 17 years, we have invested over \$3 billion in expansion projects and achieved a mined metal capacity of 1.2 million tonnes.
- Contributing around 1.8% to the GDP of the state of Rajasthan while creating thousands of direct & indirect job opportunities for people residing in & around our locations

### CARING FOR A SAFER INDIA

- Community development programs impacting 5 lakh beneficiaries
- 100 Bed COVID field hospital and 350 bed hospital at Dariba
- 3.79 lakh masks and body suits distributed to our frontline community workers, health workers, farmers and people at large
- 500+ oxygen concentrators handed over to health administration

### BUILDING A SUSTAINABLE TOMORROW

- Scored 'A' rating by CDP for tackling climate change
- Ranked number 1 in metals and mining industry by the prestigious Dow Jones Sustainability Index 2020 in the Asia Pacific.
- Certified 2.41 times water positive company
- 42% green energy capacity in total portfolio
- Launched first report on Task force on Climate-related Financial Disclosure (TCFD)

Mining is the cornerstone of Indian economy will play an important role in realizing the nation's 5 trillion-dollar dream.



## INDEPENDENCE DAY CELEBRATIONS



HEAD OFFICE



AGUCHA



DEBARI



KAYAD



DARIBA



CHANDERIYA



KAYAD



CRDL



ZAWAR

**vedanta** transforming elements

**HINDUSTAN ZINC**  
Zinc & Silver of India

# Unwavering Focus

# Unprecedented Outcomes

**2020-21**  
Integrated Annual Report

**Quick Facts**

- India's largest & only integrated producer of zinc, lead and silver
- 2<sup>nd</sup> largest zinc-lead miner & one of the lowest-cost producers of zinc globally
- 4<sup>th</sup> largest zinc smelter globally
- 6<sup>th</sup> largest silver producer globally
- #1 in Metals & Mining category (Asia-Pacific) in Dow Jones Sustainability Index 2020
- Included in list of A rated companies for Climate Change Carbon Disclosure project

**Key Outcomes - FY2021**

- Facility-free operations
- Backfill plants commissioned at Zawar and Khetri Mines
- Gold standard for Rampura Agucha, Dehri & Daria solar power plants
- 1<sup>st</sup> ever producer to sell non-ferrous metals online at real-time prices (I)
- 100% gender parity in management & executive committees
- 1<sup>st</sup> woman mining manager in India with First Class Certificate in Predicted & Unpredicted case
- Highest ever mine production of 972 from 87 ka in FY20
- Highest ever one production of 13.3 ka, up 7% from 14.3 ka in FY2020
- Highest ever annual silver production at 20k tons, up 10% YoY
- Highest ever revenue from operations, up 22% in FY2021 at 2,828 crore
- Highest EBITDA post IUG operations, up 33% in FY2021 at 1,728 crore
- Lowest ever annual zinc COP at \$26 and low price UG mining transition

FY 2020-21 saw the COVID-19 crisis challenge businesses as never before. Amid an extremely tough environment, we, as Hindustan Zinc, continued to stay on the growth track with our concerted focus on operational excellence and cost efficiencies. We delivered a remarkable performance, on the back of our steadfast commitment to become the largest and most

admired zinc, lead and silver company globally. Leveraging the robustness of our business model, we continued to adhere unwaveringly to the ethos of our values and principles, to deliver excellent outcomes and accretive value across the stakeholder fabric. Our performance keeps us motivated to surge ahead with renewed determination to build a more sustainable future.

At the same time, we remained equally cognizant of our environment, social and governance commitments, as well as our sustainability goals. While staying on course to deliver responsible, sustainable and value-led growth to our stakeholders, we stood firm on our commitment to our people and the communities around us. We actively pursued our CSR agenda and COVID-19 related initiatives to support them through these challenging times.

This Annual Report is the story of our unwavering focus and commitment. It is the narrative of the exceptional challenges which tested Hindustan Zinc's resolve, objectives that we came to deliver outcomes for all

**Key Facts About Hindustan Zinc**

- World's Largest** Underground zinc mining operations at Rampura Agucha\*
- World's 2<sup>nd</sup> Largest** Zinc-lead miner & one of the lowest-cost producers of zinc globally\*
- World's 6<sup>th</sup> Largest** silver producer\*
- 25+ Years** Mine Life

\*As on 31 March 2021. Source: Mineral Intelligence for global production and production revenue. UG - Underground for zinc and silver. World Class Producer & Revenue (WCP) or lowest cost of world producer.

[Click here to view Hindustan Zinc's newly launched](#)

# Digital Integrated Annual Report

[FY 2020 - 2021](#)



## CATTLE HEALTH CAMPS TO IMPROVE LIVESTOCK HEALTH

Cattle health camps across 5 districts in Rajasthan were organized throughout the month under the flagship SAMADHAN project. Multiple cattle health services like vaccination, deworming, artificial insemination, etc. were given to more than 35,800 cattle of over 3400 livestock owners including women farmers.

## RENOVATING SCHOOLS IN LOCKDOWN

The Zawar and Debari teams constructively utilized lockdown time to renovate dilapidated schools. 50 year old Swami Vivekanand Govt. School teaching students of over 10 villages and the primary school at Godwa village saw its classrooms, washrooms, drinking water facilities and the overall building structure renovated. With new facilities & makeover, more students will be encouraged to be regular in attending the school.



## SAMADHAN FARMER PRODUCER ORGANIZATION REGISTERED!

Samadhan reaches out to 13,835 farmers through agriculture interventions and 11,507 families through livestock interventions through Farmer Producer Organisations (FPOs). Our FPOs recently got registered. These FPOs will empower our SAMADHAN Farmers with the power of collective bargaining.

## WORLD YOUTH SKILLS DAY

Multiple skill development interventions are being run across our units for rural youth to bridge the gap between youth and employment. A motivational session was organized across Kayad, Chanderiya, Dariba, and Agucha on World Youth Skills Day and a Skill and Entrepreneurship Development Institute was inaugurated. The skilling center will be providing training to students in Customer Relationship Management, Microfinance, Hotel Management.



## DECARBONIZING THE FUTURE OF INDIAN MINING

Hindustan Zinc signed a Memorandum of Understanding (MoU) with the Finnish technology firm Normet Group Oy to introduce battery-powered service equipment and utility vehicle in underground mining. A big step towards achieving carbon neutrality and enabling the mine operations to become more sustainable. By substituting 3 SmartDrive EV's for HSD vehicles, almost 10 lakh litres of fuel will be saved, taking us closer to achieve our Sustainable Development Goal (SGD) of 0.5mn tCO<sub>2</sub>e emission reduction by 2025.



## WORLD NATURE CONSERVATION DAY

Employees across the organization pledged to conserve nature and planted 780 saplings on World Nature Conservation Day at Debari, Chanderiya, and Kayad. The drive focused on planting of some of the native species saplings, medicinal plants and fruit-bearing trees to increase the green cover in the area.

## CII NATIONAL AWARD FOR ENVIRONMENTAL BEST PRACTICES 2021

Chanderiya Lead Zinc Smelter (CLZS) - Restoration of Jarofix Yard and 'Innovative Environmental Project Award' for Biodiversity Park at Rajpura Dariba Mine won the 'Most Innovative Environmental Project Award' by CII National Award for Environmental Best Practices 2021. A total of 196 Projects had applied and these two initiatives stood out for their innovation and impact.

Development of Biodiversity Park



Rajpura Dariba Mine  
Innovative Environmental Project

Restoration of Jarofix Waste Yard



Chanderiya Lead Zinc Smelter  
Most Innovative Environmental Project



## 'WELL DONE' TO WELL DOERS

"Well Done" card was rewarded to recognize the exemplary performance of our business partners. These high performers were nominated by the respective Heads of Departments for their valuable contribution.

## SANVAAD

"SANVAAD" was introduced to improve engagement among business partners. The program is designed to drive interaction with the different groups of business partner workforce in each SBU, once every 3 or 4 months. The core areas of discussion are safety and health, discipline at the workplace, the actual performance of the business, and how collectively efficiency and productivity can be improved.



## ZINC INCLUSION CHAMPION

The #CookForEquality campaign was launched to empower and promote inclusive social and economic growth through equality. We at Hindustan Zinc have always believed that equality begins with each one of us at home, and via this campaign, we hope to set a good example and exemplify what we preach.

CookForEquality campaign witnessed a positive response from our employees who actively participated in this campaign by cooking a meal for their families and sharing their respective stories with us and further encouraging others to be a part of this campaign.

## Zinc Inclusion Champions

Dinesh Nagda Udaipur	Neeraj Jain Chanderiya	Pratyush Souli Zawar	Sudal Mehrotra Dariba	Vishwaji Tanwer Dariba	PS Charan Chanderiya	
Vinod Jangir Dariba	Pyush Verdia Udaipur	Mukesh Vyas Dariba	Aamir Khan Dariba	Kushal Mehta CRDL	Rajendra Nawandhar Udaipur	
Vijay Rana Chanderiya	Shailendra Jain Chanderiya	Ankit Tripathi Dariba	Rama Devi S Udaipur	Abhijit Das Dariba	Abhinav Gupta Agucha	Mukesh Teli Chanderiya



## ENHANCING DIGITAL ABILITIES

The 'Mine of the Future' workshop aided in the development and induction of youthful energy into digitalization and strengthening the organization's digital capability. 30 young "Digi Minds" of Hindustan Zinc engaged in interactive and stimulating sessions. Numerous ideas and futuristic solutions emerged from the workshop.



## FORMER LIVERPOOL COACH INTERACTED WITH OUR BOYS FROM ZINC FOOTBALL ACADEMY

It was an amazing experience for our Zinc Football and SESA Football Academy players to interact with former Liverpool FC Academy coach Mr. Gerard Nus who has previously worked with footballing legends like Steven Gerrard, Xabi Alonso, Fernando Torres, among others.

The Spaniard applauded the state-of-the-art infrastructure and facilities at Zinc Football Academy and urged our young footballers to make the most out of it. He highlighted the most important attributes in a player like hunger, passion and desire, which will continue to drive them till they reach their ultimate goal.



**EARNINGS**  
**ET NOW** HIGHEST-EVER Q1 ORE OUTPUT

**HINDUSTAN ZINC**  
332.60 ... 1.70%  
Today

**NEWSMAKER OF THE DAY**  
Arun Misra  
CEO, Hindustan Zinc

**NIFTY 50**  
15883.70  
59.65

**ITC**  
211.00  
1.93%

**Hindalco**  
395.05

ET NOW

## Hindustan Zinc's Q1 Consolidated Net Jumps 46% to ₹1,983 crore

**Bhavya.Dillipkumar**  
@timesgroup.com

Mumbai: Integrated producer of zinc, lead and silver, Hindustan Zinc reported a 45.9% jump in consolidated net profit at ₹1,983 crore in Q1 of FY22 as against a profit of ₹1,359 crore in the same period last year, mainly driven by a recovery in metal prices and higher volumes.

"Despite the second wave of Covid-19, which was very severe, Hindustan Zinc has had a fairly good quarter. Our ore production was up 15% quarter on quarter and metal production was up 17%, thus comparatively a good quarter," Arun Misra, CEO, Hindustan Zinc, told ET.

Net profit for the quarter was down 20% sequentially due to the impacts of the pandemic. HNZ's earnings before interest, taxes, depreciation and amortization were at ₹3,558 crore, as against ₹1,599 crore, a jump of 123% year-on-year.

THE ECONOMIC TIMES

## Hindustan Zinc to invest \$1 billion to replace diesel vehicles with battery EVs

**PREST TRUST OF INDIA**  
New Delhi, July 30

Mining major Hindustan Zinc will be investing about \$1 billion (around ₹7,440 crore) to replace diesel-run vehicles and equipment with battery electric vehicles across its eight mines in the next five years, company CEO Arun Misra said on Friday.

The company, which has signed an agreement with Finnish technology firm Normet Group Oy to introduce front line battery-powered service equipment in underground mining, will deploy three of Normet SmartDrive EVs 7a 'Spraymcc', an 'Agitator', and a 'Charmee' — in their underground mines, in the first phase.

"We have a timeline of next five years of replacing all our current equipment as

and when the replacements are due. Then they will be replaced by battery operated equipment, so that in five to six years time our mines will be free from diesel operated equipment. We have hundreds of them, not even 10 or 20," Misra told PTI.

FINANCIAL EXPRESS

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Auto News / Latest Auto News / Industry

## Hindustan Zinc to invest \$1 billion to replace diesel vehicles with battery EVs

Earlier this year, HZL had signed an MoU with Epiroc Rock Drills AB to introduce another fleet of battery electric vehicles (BEV) in their underground mines for production equipment, Misra said adding the partnership with Normet is for support equipment.

ET AUTO

**AUTOCAR Professional**  
Essential reading for the Automotive industry

A different set of EVs to drive into mines

By Sumantra B Barooah 30 Jul 2021

Hindustan Zinc CEO Arun Misra: "I wouldn't like to see any more diesel operated mining equipment inside the mines, whether they are opencast or in underground."

Hindustan Zinc, the world's second largest Zinc-Lead mining company, signs MoU with Finnish technology company Normet to deploy battery electric vehicles (BEVs) in its mines. The move is part of the company's drive to go net carbon zero by 2050.

If everything goes as per plan, in the next 5 to 6 years, all of Hindustan Zinc's mines will have only battery electric vehicles (BEVs). "I wouldn't like to see any more diesel operated mining equipment inside the mines, whether they are opencast or in underground," Arun Misra, CEO, Hindustan Zinc tells Autocar Professional. Misra's bullishness about EVs in general has less to do with the move to BEVs and is primarily driven by the company's goal to have net zero carbon emission by 2050.

The company's first Sustainable Development Goal (SDG) is to reduce 0.5 million TCO<sub>2</sub>e (tonnes of carbon dioxide equivalent) reduction and also achieve "zero noise pollution, zero harm to the environment and zero carbon emission" by 2025. As part of this plan, Hindustan Zinc today signed an MoU with the Normet Group to introduce Front Line and utility battery-powered service equipment in underground mining.

AUTOCAR PROFESSIONAL

## पंचफल उद्यान में सीताफल के 1300 पौधे लगाए हरियाली के साथ पंचायत की स्थायी आय भी होगी

अर्थ: पंचायत के द्वारा 1300 पौधे लगाए जा रहे हैं।

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DAINIK BHASKAR

## CSR collaboration will bring innovative Samadhan to farmers in Rajasthan

Indian farmers remain the backbone of our nation's economy as the Indian economy is still an agricultural-based country. Statistics reveal that Indian agriculture is a sector accounting for 18% of India's Gross Domestic Product (GDP) and employs nearly 50% of workers. However, when it comes to scientific innovation at the farm level, they are behind their counterparts in other countries.

In the current competitive world, it is important for our local farmers to stay updated on best scientific practices to maximize the livelihood opportunities available to them. For this purpose, Mining company Hindustan Zinc Limited (HZL) has joined hands with Maharaja Pratap University of Agriculture and Technology (MPTUAT), the largest university for the agriculture and allied sector, and BAIF Livelihoods (Bharatiya Agro Industries Foundations) to expand its flagship CSR programme Samadhan, and impact more than 30,000 farmers across the state of Rajasthan.

The collaboration will enhance and ensure efficient training doses of agriculture and livestock innovation at farm level, making Samadhan an aspirational programme for other states and regions. This will further help HZL promote smart agriculture in Rajasthan by making their CSR programme a low carbon initiative, according to Arun Misra, CEO & Chief Executive Officer, Hindustan Zinc.

What is Samadhan?

The integrated mining and resources producer of zinc, lead, silver, and cadmium has given guidance to keep its overall cost of zinc production below \$1,000 per tonne for FY22.

"With turbine modification and other measures, we aim to bring down the overall H2 cost plan to \$1,000 per

CSR JOURNAL

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**Bhavya.Dillipkumar**  
@timesgroup.com

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THE ECONOMIC TIMES

## As coal prices fire up, HZL readies cut-back blueprint

Firm could revisit FY22 guidance if coal usage isn't lowered by 7-8%

**ADITHYAN DIXIT**  
Mumbai, 30 July

Hindustan Zinc (HZL) plans to reduce coal consumption in a bid to protect margins and rein in rising input costs. This will also help the central public sector undertaking to meet its environmental, social, and (corporate) governance (ESG) goals in the coming years.

"We have advanced the modification of the three steam turbines earlier scheduled in the second half (H2) of this financial year. We will now be able to reduce our coal consumption from August onwards. We aim to lower coal usage by 7-8 per cent," Arun Misra, chief executive officer at HZL, said.

The company's annual coal consumption stands at 2 million tonnes. "We had factored in high input cost when we worked out the guidance for 2021-22 (FY22). But reality was higher than what we had anticipated, given the prices of steel, shipping freight, and coal had escalated significantly," said Misra.

During the April-June quarter, the company had witnessed significant cost escalation of 13 per cent sequentially because of higher coal and diesel prices. Its plans to lower coal usage are also aimed at achieving its ESG goal, where HZL is eyeing increased consumption of renewable energy over the conventional.

"Our plan is to increase the share of renewable power consumption — wind and solar — as part of our ESG goal. We are looking to convert 60 per cent of the power consumption into renewable, the balance into conventional. Within a year, we should be able to achieve this," said Misra.

Currently, only about 10 per cent of the company's power consumption comes from renewable sources.

"We are talking to agencies to supply power on a long-term basis," said Misra.

BUSINESS STANDARD

(TO VIEW MORE CLICK ON THE IMAGE)

## QUIZ TIME

PARTICIPATE TO WIN EXCITING PRIZES!

[Click Here](#)

Dear Employees,  
Hope you enjoyed reading the August 2021 edition of Zinc News.

Now it is time for some quiz around it.

The correct answers will automatically enter a lucky draw and 3 winners will each get an exciting prize!

## WINNERS OF LAST MONTH'S ZINC NEWS QUIZ



DEVENDRA PAL SINGH, ZAWAR

JATIN DOGRA, ZAWAR

SHAIL BHARGAVA, AGUCHA

**Congratulations! We will contact you soon regarding your prizes!**

### FROM THE EDITOR'S DESK

Dear Readers,

Independence Day is always special and important in our hearts but this one is doubly so as we celebrate 75 years of being an independent nation.

An old and ancient culture, but a young and restless country raring to shine stronger and higher.

Together, let us pledge to be the bricks that proudly build a better future to take our nation ahead.

Hope you enjoy this independence special edition.

Take Care. Stay Safe.

Warm Regards,  
Dipti Agrawal,  
Head - Corporate Communication

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