

ZINC NEWS

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COVER STORY:

Hindustan Zinc board approves first phase of 2x growth for doubling production capacity; to invest ₹12,000 crores

FEATURE STORY:

Hindustan Zinc at Galvanizing Conference in Malaysia

COVER STORY



Accelerating 2x Growth Vision

Hindustan Zinc board approves first phase of 2x growth for doubling production capacity; to invest ₹12,000 crores



Hindustan Zinc's Board has approved plans to expand refined metal capacity by 250 KTPA, along with mine and mill expansions across locations, with an investment of nearly ₹12,000 crores. This aligns with India's zinc demand, expected to double in the next 5-10 years, as we aim to scale up our metal and silver production to 2,000 KTPA and 1,500 tonnes annually over the next five years. A new 250 KTPA smelter will be set up at Debari (Udaipur, Rajasthan). With current capacity at 1.1 million tonnes, the project will be completed in 36 months.





FEATURE STORY



Driving the future of galvanization through innovation

Galvanizing Conference in Malaysia



Hindustan Zinc champions cutting-edge zinc product portfolio at Galvanizing Conference in Malaysia

We proudly represented India at the 13th Asia Pacific General Galvanizing Conference, held from June 23-26 in Kuala Lumpur, Malaysia. With over 250 global leaders, corrosion specialists, and policymakers in attendance, the event spotlighted zinc's vital role in sustainable infrastructure. Our pavilion, featuring a 3D augmented reality experience, showcased our advanced, tech-led operations and drew strong engagement from delegates.



Hindustan Zinc proudly received the Best Exhibitor Award



Buzzing with visitors, our stall became a key highlight

We also led a thought leadership session on “Galvanizing Industries: Current Scenario and Impact,” highlighting the importance of zinc in regions like India, Malaysia, Indonesia, Vietnam, and Sri Lanka, where corrosion from coastal climates poses a significant challenge. Our presence reinforced the ‘Make in India, for the World’ vision - positioning India as a hub for world-class zinc solutions that are resilient, reliable, and ready for global impact.



3D Augmented Reality tour of our operations

SPECIAL FEATURE

Celebrating Zawar - The World's Oldest Known Site for Zinc Mining & Metallurgy

India's 3,000-year-old Mining Legacy, reinvented by Hindustan Zinc

Special
Feature in
mint



Archaeological excavation uncovering retorts near Ramanath Temple, Zawar in 1986



Zawar's unique reverse distillation process

Nestled in Rajasthan's Aravalli hills, Zawar is the world's oldest known zinc mining and smelting site, with evidence of large-scale production dating back to 750 BCE and possibly even 2,750 BCE.



Setting benchmarks in Modern Mining



Long before Europe discovered zinc, India was already exporting it. Long before the word 'metallurgy' was coined, Zawar in Udaipur district, Rajasthan was perfecting it. Read more to know how Anil Agarwal, Chairman, Vedanta Group, sparked the transformation of Zawar - the world's oldest zinc mining & metallurgy site when Vedanta Group acquired equity stake in Hindustan Zinc, a move hailed as one of India's most successful disinvestments.

[Click here to read!](#)





Strategic Business Partner Meet Hosted



As part of our commitment to collaboration and shared progress, we hosted a Strategic Partner Meet themed “Strategic Partnership for Sustainable Growth.” The event brought together Global HEMM OEMs and Skilled Mining Partners, reinforcing the strong alliances that power our operations, aligning with our Growth 2.0 vision to double ore production and progress towards becoming a 2 million tonne metal company. The event enabled alignment on strategic priorities, reinforced our shared focus on excellence, innovation, and sustainability, and recognised the vital role partners play in our growth journey.



Our CEO, Mr. Arun Misra highlighting the critical role of partnerships in driving HZL's growth journey



Our CFO, Sandeep Modi, outlined the roadmap to achieve 2x growth

Investor and Analyst Visits



We recently hosted two insightful site visits in June 2025 for new and prospective sell-side analysts and investors at our Rampura Agucha Mine and Chanderiya Lead-Zinc Smelter. The visits provided a firsthand experience of our world-class operations—ranging from the scale of the world's largest underground zinc mine to one of the largest single-location lead-zinc smelting complexes. The visit offered valuable insights into Hindustan Zinc's operational excellence, industry-leading best practices, sustainability-driven initiatives, and robust long-term growth strategy.



Union Minister for Coal and Mines, Sh. G. Kishan Reddy visits Hindmetal Exploration's stall at the Next-Gen Geophysics Conference 2025 in Hyderabad



We were proud to welcome the Union Minister for Coal and Mines, Shri G. Kishan Reddy, to the Hindmetal Exploration stall at the Next-Gen Geophysics Conference 2025 in Hyderabad. Showcasing our tech-first approach to exploration, the stall demonstrated how cutting-edge geophysics is driving precision in subsurface discovery and redefining the future of metals, mining, and sustainable resource development.

Hindustan Zinc and EcoPro Earth Join Hands for Sustainable Waste-to-Value Innovation



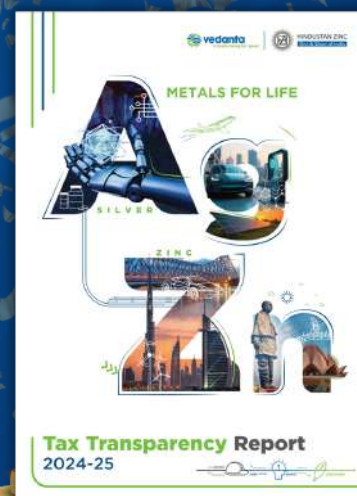
We have partnered with EcoPro Earth to transform Jarosite waste from our smelters into sustainable construction materials, reinforcing our commitment to circular economy and greener practices.

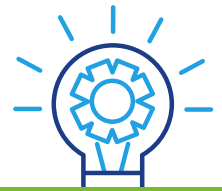
[CLICK HERE TO READ MORE!](#)

Hindustan Zinc powers progress with a ₹18,963 crores contribution to the Exchequer in FY25

Presenting Hindustan Zinc's

8TH TAX TRANSPARENCY REPORT





Insights from Mr. Arun Misra, CEO - Hindustan Zinc

Galvanization isn't a Luxury; it is a Necessity

Better steel brings better performance - boosting efficiency, enhancing safety, and extending vehicle life. Yet despite its proven benefits, the use of galvanized steel in Indian passenger cars remains limited. Globally, galvanization is a well-established practice, valued for preventing corrosion and cutting long-term maintenance costs. In India, however, the shift to this durable material has been slow, revealing a gap between local practices and global standards.

Featured in



- India's cost focus often sidelines corrosion protection, risking safety and higher long-term costs
- Corrosion costs India over \$100 billion annually, which is nearly 5% of the GDP
- Corrosion weakens key vehicle structures - tests by Hindustan Zinc show the clear edge of galvanized models
- Galvanization adds less than 0.1% to vehicle cost but delivers significant long-term value
- Informed buyers can drive change—public pressure may push galvanization before regulations mandate it
- Global examples like Japan and Australia show that regulations can cut corrosion losses



Arun Misra
CEO & Whole-time Director,
Hindustan Zinc Limited

Galvanization offers wide-ranging benefits—lower maintenance, longer life, better crash safety, and higher resale value. It's an industrial policy that pays for itself. For India to advance in auto safety and manufacturing strength, steel protection must become standard—just as in much of the developed world. Hindustan Zinc is making a strong technical and economic case.

[Click here to read more!](#)



Launch of Unified Laboratory Integrated Management System

Streamlining Lab Processes



We are proud to share that we have introduced a unified Laboratory Integrated Management System (LIMS), serving as a one-stop digital solution for all HZL units to streamline lab analysis, enhance operational excellence, and ensure compliance.

Key Details of the Project:

- One stop LIMS for all Units of HZL
- Inspection Planning (Quality Plan)
- Sample Processing
- Sample Result Recording
- Analytical Instrument Integration
- Live Instrument Dashboard
- QR Code based Sample movement
- Integration with Weighing scales wherever required
- Inventory Management
- Compliance Management (NABL/ISO)
- Calibration Management
- Maintenance Management
- Enhance reliability cloud based server
- Inbuilt workflow for approval
- Dashboard
- Trend analysis
- Turn Around Time Visibility
- MIS Reports
- Scheduled, Conditional and on-demand alert and notification via e-Mail
- SOP repository and Document management
- Change Management
- Easy to access help library
- Integration with 'PI Vision' and 'Power BI'
- SAP quality Module integration as requires within the landscape of LIMS

This milestone stands as a testament to the collective efforts and collaboration of our cross-functional teams across Quality, IT, Digitalization, SAP, and Project Management.

DIGITAL & INNOVATION

Computer vision-based prevention of Man-Machine interaction at Cell House



An AI-powered Man-Machine Interaction System has been successfully deployed at Cell House, leveraging advanced sensors and cameras to monitor crane movement and speed in real time. The system uses AI algorithms to detect potential collision risks and can automatically adjust the crane's speed or stop operations to prevent accidents. This proactive safety measure not only protects our workforce but also ensures seamless plant operations by reducing the risk of downtime.

Smelters Going Digital: Industrial Internet of Things (IIoT)-Driven Predictive Maintenance



In a major step towards smarter and safer operations, over 1,300 Industrial Internet of Things (IIoT) sensors have been deployed across 229 critical equipment in our smelters, in collaboration with Infinite Uptime. These sensors enable 24/7 real-time monitoring, allowing us to move from reactive to predictive maintenance. By detecting anomalies early, we're reducing unplanned downtime, improving asset reliability, and enhancing safety for our people and processes, marking a significant milestone in our Industry 4.0 journey

PEOPLE PRACTICES

Launch of 'Guidebook to Inclusive Language'

Championing Inclusion



We recently hosted Zinclusion, our homegrown platform that celebrates diversity in all its forms — including the LGBTQIA+ community, differently-abled individuals, and people from various geographies and ethnicities. A key highlight of the event was the unveiling of the new Guidebook on Inclusive Language by the HZL Leadership along with Dr. Sanjay Sharma. This guidebook reinforces Hindustan Zinc's commitment to fostering a respectful, inclusive, and diverse workplace where everyone feels seen, heard, and valued.



Our CEO, Mr. Arun Misra highlighting why inclusivity and diversity is important for organisations



Our CHRO, Mr. Munish Vasudeva sharing HZL's initiative towards creating a more inclusive workplace

The event also featured a powerful skit performance titled 'Pehchan Ki Udaan', presented by members of the LGBTQIA+ community who are proudly employed at HZL. In addition, a thought-provoking panel discussion on the theme of 'Allyship' was held, focusing on the importance of promoting inclusion and diversity in the workplace. The discussion was led by Mr. Arun Misra, CEO of Hindustan Zinc, alongside Dr. Sanjay Sharma, Retired Air Cmde, AIF Member, and a renowned activist for transgender healthcare and social inclusion.



Skit performance by HZL Employees on "Pehchaan Ki Udaan"

PEOPLE PRACTICES

Celebrating the Strength of our Workplace

International Women in Mining Day



At Hindustan Zinc, we take pride in driving change in a traditionally male-dominated sector — one policy, one opportunity, one empowered woman at a time. On this Women in Mining Day, we celebrate the remarkable women leading our operations, both underground and above. From being the first in India to induct women into underground mining in 2019, to now having the country's only three fully women-led mine rescue teams, our journey reflects our focus on inclusion, equal opportunity, and building a future-ready workforce.



Rajpura Dariba Complex



Zawar Group of Mines



Rampura Agucha Mine

PEOPLE OF ZINC CITY

Meet Ashutosh Pathak, Head Geologist from Rampura Agucha Mine

Where Geology Meets the Stage



Meet Ashutosh Pathak, whose life story is a seamless blend of professional excellence and artistic passion. Believing in the idea that true joy lies in turning passion into profession, Ashutosh has followed this philosophy wholeheartedly and it has defined his journey.

From a young age, he was drawn to the performing arts—anchoring, singing, acting, storytelling, and directing plays and short films. His creative pursuits led him to workshops at the National School of Drama and appearances in social media commercials, further nurturing his love for the stage.

At Hindustan Zinc, Ashutosh found more than just a career. The company became a platform where both his professional skills and creative talents could thrive. Whether wielding a geological hammer in the field or a microphone at company events, he seamlessly bridges both worlds. From hosting national football tournaments and group-level functions to anchoring All India Mine Safety Week and festive celebrations, Ashutosh has become a familiar and spirited presence.



Have a creative side? Share it with us at sheen.raina1@vedanta.co.in to get featured!

Hindustan Zinc Celebrates World Environment Day

Hindustan Zinc turns 3.32 times Water Positive Company



We achieved a significant sustainability milestone by becoming 3.32 times water positive — a sharp rise from its previous rating of 2.41. Operating in Rajasthan, one of India's most water-stressed regions, the company continues to lead with its Zero Liquid Discharge (ZLD) approach. By treating, recycling, and reusing process water, we are not only reducing freshwater consumption but also aligning with UN Sustainable Development Goal 6 on clean water and sanitation.

Unveiling our 2030 Sustainability Goals

Ensuring Zero Harm: Contribute to reach **Zero Fatality** and **100% elimination of high consequence work related injuries**.

Diversity & Inclusion: Increase gender diversity to **30%**, with a strong focus on decision-making roles.

Biodiversity Conservation: Aiming to **halt and reverse biodiversity loss** and achieve **No Net Loss** at all mine sites.

Water Stewardship: Aiming to **reduce freshwater consumption by 50%**, secure 100% low-quality water for smelting, and engage suppliers to manage water use in water-stressed regions.

Circular Economy & Material Stewardship: Aiming for near-zero waste to landfill by diverting all smelting process waste through reuse, recycling, and recovery.

Social Performance: Complete Social & Human Rights Impact Assessments and implement site-specific management plans, aiming to impact 0.5 million lives.

Climate Change & Decarbonization: Aim to **reduce Scope 1 and 2 emissions by 50% and Scope 3 emissions by 25%**, with a goal to achieve **Net Zero emissions** by 2050 or earlier.

Responsible Sourcing: Ensure **100% ESG and risk evaluation** of active suppliers, **transition to greener fuels** and target 25% procurement from local partners.



from baseline 2020 for all goals

SAFE & SUSTAINABLE

Leading the Way with Mass Plantation Drive and Green Week Activities

Hindustan Zinc Celebrates World Environment Day



Head Office, Udaipur

We celebrated World Environment Day with a strong focus on awareness, engagement, and action. The week saw a range of activities - from environment-themed quizzes and sapling distribution to 'Waste to Wealth' contests, the Resource Revival Challenge, and eco-friendly cricket tournaments. As a step towards a greener future, we launched a mass plantation drive, pledging to plant over 1.5 lakh saplings across our business units in 2025.



Rajpura Dariba Complex



Zawar Group of Mines



Rampura Agucha Mine



Pantnagar Metal Plant



Zinc Smelter Debari



Kayad Mine



Chanderiya Lead Zinc Smelter

SAFE & SUSTAINABLE

Hindustan Zinc joins 'Vande Ganga Jal Sanrakshan Abhiyan' to drive water conservation awareness



Chanderiya Lead Zinc Smelter



Kayad Mine

As part of the nationwide 'Vande Ganga Jal Sanrakshan Abhiyan', Hindustan Zinc actively participated in cleanliness and awareness drives across its locations. In collaboration with the district administration, a major riverbank cleanup was held at the Gambhiri River bridge in Chittorgarh, with over 150 employees and volunteers taking part. Additionally, a team from Kayad Mines conducted Shramdaan at Ana Sagar Lake in Ajmer, supporting its rejuvenation and promoting water conservation in the community.

First Underground Operational Health Centre launched at Rajpura Dariba Mine



As part of our ongoing commitment to workplace safety and healthcare, Rajpura Dariba Mine has inaugurated its first Underground Operational Health Centre at -157mRL. Equipped with a dedicated underground ambulance, rescue-trained personnel, and essential medical supplies, the facility ensures faster emergency response, immediate care for on-site teams, and a safer working environment below the surface.



Recognised for Outstanding Contributions to Education

Hindustan Zinc Shines with Six Honours at the 29th Bhamashah Awards



Rampura Agucha Mine

The Government of Rajasthan, led by Hon'ble Chief Minister Shri Bhajan Lal Sharma, honored Hindustan Zinc with 6 accolades at the 29th Bhamashah Awards, marking 10 consecutive years of recognition. Agucha, Chanderiya, Zawar, Dariba, and Debari were awarded under the Shiksha Vibhushan category, while Kayad Mine was recognised under the Shiksha Bhushan category.



Zawar Group of Mines



Rajpura Dariba Complex



Chanderiya Lead Zinc Smelter



Zinc Smelter Debari



Kayad Mine



Proud Hindustan Zinc team

With over ₹430 Cr invested since 2017, our education initiatives impact nearly 2 lakh children and youth annually—advancing inclusive learning, empowering the girl child, supporting children with special needs, and strengthening modern education infrastructure across rural Rajasthan.

Shiksha Sambal Summer Camp 2025 Concludes



We are proud to share the successful conclusion of the Shiksha Sambal Summer Camp 2025, which impacted the lives of over 1,500 students from nearly 72 government schools across the rural hinterland of Rajasthan. The initiative, under Hindustan Zinc's Shiksha Sambal program - an education-focused community initiative, brought together academics, skill development, sports, and culture to provide rural students with a platform for holistic growth and learning.



Over the years, Rajasthan has witnessed a remarkable improvement in Class 10 pass percentages, rising from 45% in 2007 to 93.6% in 2025. Shiksha Sambal, since 2008 has significantly contributed to this progress by bridging learning gaps and reducing dropout rates thereby uplifting the lives of over 2 lakh children annually in underserved rural areas.



Zinc Football Academy Crowned Champions of Rajasthan



Zinc Football Academy's senior team has clinched the Rajasthan League Senior Men's A-Division 2024-25 title, marking their second championship win. With the youngest squad in the league, averaging just 18.3 years, the team showcased remarkable performance by securing 16 wins in 20 matches, scoring 70 goals and conceding only 6. With this win, the academy is now in contention for a spot in the I-League 3rd Division, paving the way for national-level recognition.



SPORTS



Wins, Cheers & Team Spirit



Football Tournament at Chanderiya Lead Zinc Smelter

The 3rd season of the In-House Football Tournament at Chanderiya concluded on a high note, with Team Blackbuck emerging victorious in a thrilling finale against Mewar FC. The 10-day event saw enthusiastic participation from 11 teams—each comprising 7 male and 2 female players—reflecting our commitment to inclusivity and team spirit.



Volleyball Tournament at Zawar Group of Mines

The week-long Volleyball Tournament at Zawar Mines was a vibrant showcase of energy, teamwork, and sportsmanship. With thrilling inter-unit matches and strong participation from women's teams, the event culminated in a well-deserved victory for Mochia (Men's) and Cluster B (Women's), capturing the true spirit of our sports culture.



Cricket Tournament at Rajpura Dariba Complex

Rajpura Dariba Complex recently hosted a thrilling Super 8 Cricket League, featuring 24 teams, over 80 female players, and 70 matches—bringing energy, excitement, and competitive spirit to the field.

AWARDS & RECOGNITION



Hindustan Zinc receives recognition as Rajasthan's Highest Indirect Taxpayer for FY 2025.



Hindustan Zinc honoured with the 'Steelies India 2025' at Green Steel Conference 2025 in Kolkata



Awarded the Silver Award in Supplier Relationship Management at the 12th Edition of the ET Edge Supply Chain Fest 2025



Building Resilience from Within

Celebrating International YOGA Day



Head Office, Udaipur

On International Yoga Day, employees across our business units came together to celebrate the power of breath, balance, and mindfulness, reinforcing the bond between mind and body - because when we're centered within, we're unstoppable outside.



Rajpura Dariba Complex



Pantnagar Metal Plant



Chanderiya Lead Zinc Smelter



Rampura Agucha Mine



Zawar Group of Mines



Zinc Smelter Debari

Hindustan Zinc Contributes Rs 87,000 Crore To Exchequer In Five Years; Rs 18,963 Crore In FY25

This contribution represents a sum total of 56% of the company's revenue from operations.



NDTV Profit

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Hindustan Zinc to invest ₹12,000 crore in doubling production capacity amid rising domestic demand

Fortune India



The Economic Times



ECONOMY & POLICY

Hindustan Zinc Invests Over Rs 4.30 Bn in Rajasthan Education Since 2017

Construction World

Hindustan Zinc reinvents an ancient mining legacy

Nestled within the mineral-rich folds of the Aravalli hills Zavar is the world's oldest known site of zinc mining and smelting, a living testament to India's ancient technological prowess. Archaeological discoveries trace large-scale zinc production in Zavar to as early as 750 BCE (Before Common Era). While Europe was still experimenting with zinc production in the 18th century, Zavar's Bhil community had already mastered it using techniques that shaped global metallurgy.



Hindustan Zinc: A bendmaker in modern underground mining.

loss that can be significantly mitigated through the application of zinc.

It wasn't until 1743 CE (Common Era) that Europe finally managed to smelt zinc, a milestone made possible through the transfer of knowledge from India. By then, Zavar's furnaces had been refining zinc for over two millennia. The brilliance lay in the unique reverse distillation technique

durability. These inverted pots enabled the collection of pure zinc vapour and the production of high-quality zinc. Today, scattered remnants of these ancient retorts can be found all around Zavar, narrating a phenomenal story of ancient scientific innovation.

The name Zavar, often referred to as Javar, is believed to have originated from 'javar', meaning 'jewellery', and to its flourishing silver trade that was found alongside zinc. Yet, it was zinc that truly defined Zavar's global legacy. Zavar

within a billion-year-old meta-sedimentary basin, its narrow, vein-type ore bodies in dolomite, present unique challenges, making every discovery here a deep dive into earth's ancient history. Today, Hindustan Zinc produces more than 2 lakh tonnes of zinc metal in concentrate (fine powder produced from ore).

nological progress.

A defining chapter in Zavar's modern era was scripted in 2002—and under the visionary leadership of Anil Agarwal, chairman, Vedanta—when the Vedanta Group acquired equity stake in Hindustan Zinc. This landmark move is regarded as one of the most successful disinvestments by the Indian government. Under Vedanta's leadership, Hindustan Zinc embraced global best practices and fostered a culture of technological innovation. Interestingly, Zavar has witnessed a phenomenal four-times growth since disinvestment. In 2018, the Geological Society of India declared Zavar a National Geological Heritage Site in recognition of its legacy.

Yajtha Kattela, mining engineer and a member of India's first women underground mine rescue team at Hindustan Zinc, reflects on her journey: "To work at a location that pioneered zinc production

Hindustan Zinc Achieves 44% Growth in LGBTQIA+ Workforce, Reinforces Commitment to Diversity and Inclusion

MM Desk 27/06/2025

Share



Machine Maker

Hindustan Zinc champions sustainable zinc solutions at top Galvanizing Conference in Malaysia

Tuesday, June 24th, 2025 at 18:00:00

KUALA LUMPUR, Malaysia, June 24, 2025 /PRNewswire/ — Hindustan Zinc Limited, the world's largest integrated zinc producer, champions sustainable zinc solutions by representing India at the 13th Asia Pacific General Galvanizing Conference, hosted by the Galvanizers Association of Malaysia. Held from June 23rd to 26th at the Kuala Lumpur Convention Centre, the premier event provides a strategic platform for the company to highlight its global capabilities.



The Malaysian Reserve

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