

**HAND TOOLS
EXPO**



**FASTENER
EXPO**



CWETM
CUTTING AND WELDING EQUIPMENT EXPO

INEXTM
INTERNATIONAL MACHINE TOOLS EXPO

Co-located Shows

UNEXTM
USED MACHINERY EXPO

TECHINDIATM
ENGINEERING AND MANUFACTURING EXPO

**MINERALS
METALS
METALLURGY
MATERIALS**



27 - 29 SEPTEMBER 2024

YASHOBHOOMI, DWARKA, NEW DELHI

GOLD PARTNER



ASSOCIATE PARTNER



PARTNER AIRLINES



Post Show Report



Shri. Bhupathiraju Srinivasa Varma

Minister of State,
Ministry of Steel, Government of India

I am happy to know that the Delhi Chapter of The Indian Institute of Metals (IIM) is organizing Minerals, Metals, Metallurgy & Materials (MMMM 2024) International Conference and Exhibition on the theme of Process & Product Innovations in Metal Production at New Delhi during 27-29 September 2024.

The current focus in metal production is on replacing traditional production methods with cleaner alternatives powered by renewal energy, including green hydrogen, green energy, carbon capture, storage and utilization etc., enabling shift towards 'green' production, i.e. achieving a net zero carbon footprint and digitalization. I Hope the international conference and exhibition shall help the domestic industries, in addressing these key industry challenges. MMMM 2024 should also provide growth and technology up-gradation path to help mineral and metal sectors to fulfil the emerging needs of low CO₂, and green technologies and to support developments in renewable power, EVs and other emerging technological sectors.

The challenges we face are global and effective collaboration between industry, designers, technology and equipment suppliers, academia and government is paramount to success. I hope that the MMMM 2024 will also provide a platform for strengthening such a collaboration and facilitate adopting new technology with low GHG emission and high resource efficiency.

I wish MMMM 2024 all success.



Shri. H D Kumaraswamy
Minister of Heavy Industrial and Steel,
Government Of India

It gives me a great pleasure to learn that The Indian Institute of Metals - Delhi Chapter, is organizing MMMM 2024 Conference and Exhibition during 27-29 September 2024 at Delhi.

Revolutionary changes have been brought in mineral and metal domain in the last few years. Indian steel industry is brilliant example of transformation and turnaround with the joint efforts of government and industry, as it has come a long way by becoming 2nd largest steel producer in the world.

The global requirement of minerals and metals is growing. There is a great concern about future availability of these valuable resources. The theme of the International Conference, viz. Process and Product Innovations in Metal Production is very topical and relevant in this context. I hope deliberations will be held on what innovations are being done in metallurgical and allied sectors to make metal production as resource efficient as possible, and ensuring a rapid and global deployment of breakthrough technologies that can make metal production considerably greener and sustainable than what is at present.

I wish the Conference and Exhibition all success.



Shri. Sandeep Poundrik, IAS
Secretary, Ministry of Steel
Government Of India

I am very happy to note that the Delhi Chapter of The Indian Institute of Metals (IIM) is organizing an International Conference on Process & Product Innovations in Metal Production, along with an International Technical Exhibition on Minerals, Metals, Metallurgy and Materials (MMMM 2024) at Yashobhoomi (IICC), Dwarka, New Delhi during 27-29 September, 2024.

Mineral and metal sectors are important in national economy as they determine the efficiency and growth of multiple downstream manufacturing industries and infrastructure. Indian metal sector has been growing over the years and more growth is expected in coming years. Besides adding new capacity, the industry has also been continuously updating and upgrading older plants to higher efficiency levels.

Innovation in metal production, processing and metallurgy is a key element to compete in today's global market. The continuous diffusion of process and product innovations has been crucial for maintaining healthy growth. Government is committed to supporting and nurturing innovative talent, providing them with the necessary tools, resources, and platforms to showcase their innovations. Government of India has set an ambitious target of installing 300 million tonnes of crude steel

making capacity by 2030 and simultaneously reducing greenhouse gas generation by half by 2030. I am confident that deliberations in MMMM 2024 shall help to meet these targets.

I wish the event a grand success.



Shri. Sajjan Jindal
President - IIM,
Chairman - JSW Group,
The Indian Institute of Metals

I am glad to know that the JIM Delhi Chapter is organizing MMMM 2024, the International Conference and Exhibition, with the theme Process & Product Innovations in Metal Production during 27-29 September 2024 at Yashobhoomi, Dwarka, New Delhi.

Producing metals and alloys using innovative processes which use less energy and emit significantly less carbon dioxide at reduced cost is an aspiration of the manufacturing sector. I hope that MMMM 2024 will facilitate adopting innovative technology with low GHG emission and high resource efficiency. I also hope that during MMMM 2024, brightest minds in metal sector will converge, connect, and collaborate, sparking ideas that will reshape the metal production in coming years.

I wish MMMM 2024 a grand success.



Prof. B S Murty
Director
Indian Institute of
Technology Hyderabad

I am delighted to know that IIM Delhi Chapter is organizing MMMM 2024, the International Conference and Exhibition, with the theme Process & Product Innovations in Metal Production during 27-27 September 2024 at Yashobhoomi (IICC), Dwaraka, New Delhi. In metal Production top priority is being sustainable. Metallurgy for each metal is different. There is no one-size-fits-all approach, but there is a large opportunity to generate more value by moving from incremental improvements to an overall transformation shift. One of the main drivers towards that shift is certainly through collaborations and partnerships between different technological disciplines, and also between industry, R&D labs, academia and plant and equipment designers. It is also beneficial to share knowledge across the industries

to integrate new technical developments into operations and generate higher value. IIT Hyderabad will be glad to collaborate with the industries visiting MMMM 2024 towards Viksit Bharat.

I wish a grand success in this endeavour



Shri. Narinder Bhamra
President
Fastener Manufacturers
Association of India (Regd.),
Ludhiana

I am happy to know that Hyve India in support with World Metal Forum (WMF) is HTF & CWE 2024, India's Largest Exhibitions on Hand Tools, Power Tools, Hardware, Fasteners, Cutting, Welding & Laser Technology, scheduled during 27-29 September 2024, at Yashobhoomi, Dwaraka, New Delhi.

I hope that such events will open new horizons for product showcasing and business interactions and address the needs of the Fastener, Tools & manufacturing industries.

I am sure that the participants attending this event will draw the maximum advantage from this opportunity.

On behalf of the Fastener Manufacturers Association of India, I extend my best wishes for the success of the event



Dr. G. Satheesh Reddy
President
The Aeronautical Society
of India (AeSI)

I am glad to know that Hyve India in association with IIM-DC and active support of multiple Ministries and World Metal Forum (WMF) is organizing MMMM 2024, 14th International Exhibition, Conference, Open Seminar and Business Meets on Minerals, Metals, Metallurgy & Materials during September 27- 29, 2024, at Yashobhoomi, Dwaraka, New Delhi.

It is a good concept to organize such collocated events as a Business Carnival for Metal, Machinery, Manufacturing & Maintenance Industries. These sectors have emerged as diversified and specialized industry that produces numerous types of equipment's, instruments etc that comes

in various utilities. Such collaborative mechanisms play a great role in making the country Atmanirbhar. It is a matter of great pride that the Souvenir cum Show Catalogue will be brought out during the event containing articles on the industry, capabilities and profiles of the participants. I hope this leading Trade Event will provide an ideal business networking platform for the industry professionals and will go a long way to serve the need of the Indian Metals, Machinery and allied industries. I am sure that exhibitors and trade visitors to the event will draw the maximum advantage from the opportunity. I wish great success to all Exhibitors, Delegates and Organizers Date: 19th September 2024



Shri. Prabhakar Rao
President
Indian Sugar & Bio-energy
Manufacturers Association

It is with great enthusiasm that we extend our warmest wishes for the success of the Grand Business Carnival of Metal, Machinery, Manufacturing, and Maintenance Industries. This prestigious event not only highlights the innovation, expertise, and collaboration that drive industries forward but also serves as a testament to the dedication and passion of all those involved. May this carnival be a fruitful opportunity for forging new partnerships, showcasing groundbreaking technologies, and fostering growth. Here's to a future of continued success and progress for all participants.



Shri. Rituraj Bos
Secretary General
The Indian Institute
of Welding

It gives me immense pleasure to know that Hyve India in support with World Metal Forum (WMF) is organizing HTF - CWE 2024, India's Largest Exhibition on Hand tools, Power tools, Hardware, Fasteners, Cutting, Welding and Laser Technology, scheduled during 27-29 September 2024, at Yashobhoomi, Dwarka, New Delhi.

I hope that such event will open new horizon for product showcasing and business interactions, addressing the needs of the Fastener, Tools, Manufacturing and Welding industries, also will create the right business climate for the growth across every level and prove to be a business platform to link metal units in the industry. The Indian Institute of Welding (IIW-India), a Premier Professional Institute in India for the advancement of Welding Science and Technology, is continuously supporting significant exhibitions like these where Indian industries will be benefitted, as we believe that there is contribution of a little bit of welding in our everyday life. I am sure that the participants attending this event will draw the maximum advantage from this opportunity along with knowledge enhancement of advanced technologies.

On behalf of IIW-India, I extend my best wishes to all the participants, delegates, and organizers for the success of this event.



Shri. R K Sharma
Secretary General
Federation of Indian
Mineral Industries

I am glad to know that Hyve India in association with IIM-DC and active support of various Ministries and World Metal Forum (WMF) is organizing MMMM 2024, 14th International Exhibition, Conference, Open Seminar and Business Meets on Minerals, Metals, Metallurgy & Materials during September 27-29, 2024, at Yashobhoomi, Dwarka, New Delhi.

It seems to be a nice concept of organizing such collocated events as a Business Carnival for Metal, Machinery, Manufacturing & Maintenance Industries. These sectors have emerged as a diversified and specialized industry that produces numerous types of instruments that comes in various use. I am so happy to note that this Souvenir cum Show Catalogue will be brought out during the event containing articles on the industry, and profiles of the participants. I hope this leading Trade Event will provide an ideal business networking platform for the

industry professionals and all will go a long way to serve the need of the Indian Metals, Machinery and allied industries. I am sure that exhibitors and trade visitors to this event will draw the maximum advantage from this opportunity.

I wish grand success to MMMM 2024.



Dr. Komal Kapoor

Chief Executive, NFC & Vice
President (Non-Ferrous), IIM,
Department of Atomic Energy

It gives me immense pleasure to learn that the IIM Delhi Chapter is organizing International Conference and Exhibition on Minerals, Metals, Metallurgy & Materials (MMMM-2024) with the Theme Process & Product Innovations in Metal Production. MMMM has established itself as a prestigious international event and is awaited excitedly by mining and metallurgical community in the Country.

Though there are lot of achievements and developments in Indian Mineral and Metal Domain, challenges never end. Industry has to find new economic solutions for reducing GHG emission and continuously make innovative efforts to adopt more resource efficient concepts, technologies and systems.

I hope the Conference will provide a comprehensive overview of technological trends and intelligent solutions for the emerging challenges and help to form meaningful business partnership among technology suppliers, equipment manufacturers, design and consultancy organizations and mineral and metal producers for green and efficient technology development and adoption. I wish the Conference a huge

I wish the Conference a huge success and congratulate the IIM Delhi Chapter for organizing this important event.



Shri. Amarendu Prakash

Chairman,
Steel Authority of India Limited

I am pleased to learn that the Delhi Chapter of The Indian Institute of Metals is organizing an International Conference and Exhibition on Minerals, Metals, Metallurgy and Materials (MMMM 2024) at Yashobhoomi, New Delhi during 27-29 September 2024.

Process and Product Innovation s in Metal production is a marathon, not a sprint. The various stages involved in the metal and alloy production processes are complex and energy-hungry. Each stage in uences the quality and cost of the final product, and is monitored individually. Focus is also on reducing the capital and operating costs of our installations.

I sure the deliberations in the International Conference and presentation of state-of-the-art technology and equipment by globally reputed organizations in the exhibition shh provide valuable inputs to business environment in the country.

I wish MMMM 2024 a grand success



Dr. Surendra Singh

Technical Advisor
Agricultural Machinery
Manufacturers Association
(AMMA- India)

I am happy to know that Hyve India in support with World Metal Forum (WMF) is organizing HTF & CWE 2024, India's Largest Exhibitions on Hand Tools, Power Tools, Hardware, Fasteners, Cutting, Welding & Laser Technology, scheduled during 27-29 September 2024, at Yashobhoomi, Dwarka, New Delhi.

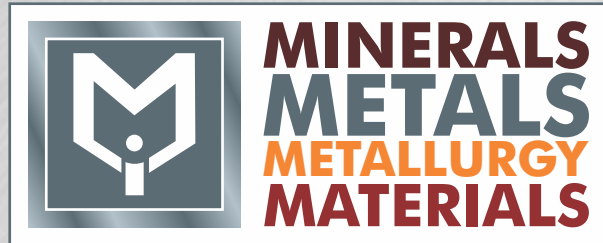
I hope that such events will open new horizons for product showcasing and business interactions and address the needs of the Fastener, Tools & manufacturing industries and users. I am sure that the participants attending this event will draw the maximum advantage from this opportunity.

On behalf of Agricultural Machinery Manufacturers Association (AMMA-India), I extend my best wishes for the success of the event.

The Organizer of



India's Largest Exhibitions on Hand Tools, Power Tools, Hardware, Fasteners, Cutting, Welding & Laser Technology



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MINISTRY OF
STEEL



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उद्योग मंत्रालय
MINISTRY OF
COMMERCE
AND INDUSTRY



कोयला मंत्रालय
Ministry of Coal



MINISTRY OF
ELECTRONICS &
INFORMATION TECHNOLOGY
GOVERNMENT OF INDIA



14th International Exhibition and Conference on Minerals, Metals, Metallurgy & Materials

27 - 29 SEPTEMBER 2024

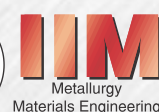
YASHOBHOOMI, DWARKA, NEW DELHI

Wish to Thanks

Industry for their Support



The Indian Institute of Metals-Delhi Chapter



Fastener Manufacturers Association of India (Regd.)

WMF - THE FOUNDER GROUP TRADE BODIES



Associated Chambers of Commerce and Industry of Uttar Pradesh



Aluminium Extruders' Council (ALEX)



All India Induction Furnaces Association (AIIFA)



Indian Chamber of Commerce for Affirmative Action



Federation of Karnataka Chambers of Commerce & Industry (FKCCI)



Gujarat Chamber of Commerce and Industry (GCCCI)



Federation of Hong Kong Industries



The Uttal Chamber of Commerce & Industry Ltd (UCCIL)



Tool & Gauge Manufacturers Association of India (TAGMA)



India Electronics & Semiconductor Association (IESA)



The Federation of Telangana Chambers of Commerce and Industry - FTCCI



The Clothing Manufacturers Association of India (CMAI)



Cold Rolled Steel Manufacturers Association (CORSMA)



The Federation of Telangana and Andhra Pradesh Chambers of Commerce & Industry (FTAPCCI)



Indian Industries Association



Tamilnadu Stainless Steel Mfrs. & Merchants Association



Indo-Italian Chamber of Commerce & Industry



All India Steel Processors Association (AISRA)



Fastener Manufacturers Association of India

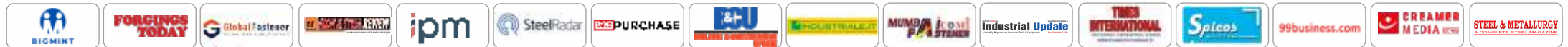


Telangana Chambers of Commerce and Industry (TECCI)



European Federation for Welding, Joining and Cutting (EFW)

MEDIA FOR THEIR SUPPORT



About The Industry

The sudden rise in infrastructure projects and foreign investments in aeronautics and automobile sectors have boosted the demand for Industrial tools, equipment and technology within a cross-section of industries. While the global Hand Tools Industry was valued at a whopping US\$24.6 Billion in 2022, expected to cross the US\$30 Billion mark in the next 5 years; the demand for Machine tools reached a new high last year with total business of US\$ 87.94 Billion in 2022 and growing at an impressive CAGR of 5.7%.

Advancements in Laser Technology, Robotics and Industrial Automation have led the cause in the transformation of a number of industries including Metalworking, Machinery and Manufacturing in sectors like Aerospace, Automotives and Infrastructure development. The steady requirement for power tools reached a new high with an incredible market valuation at US\$26.61 Billion. This surge in demand is directly correlated to the promising rise in projects in construction, aerospace and automotive sectors.

Meanwhile, the Government of India in its 2023-24 Union Budget announced the capital investment of US\$122 Billion for infrastructure projects, a sharp increase by 33%, thereby joining the Asian infrastructure boom in flying colors. The rising numbers in market valuation clearly underline Government's enthusiasm in such projects. The Power Tools market is booming consistently with close to a Billion Dollar in domestic trade. The very segment shows an impressive CAGR of 8.9% over the next five years, indicating greater investment and increased supply chains.

Such promising numbers have, over the years, created a need for platforms where the latest in technology and innovation could be showcased to the relevant audiences. This is why shows like HTF Expo- Hand Tools, Power Tools and Fasteners Expo, along with collocated events – Cutting and Welding Exhibition, International Machine Tools Expo, Used Machinery and Allied Industries have become industry standard in the Indian and International Exhibition and Trade Show Arena.



About The Exhibition

The 22nd edition of HTF Expo, the Hand Tools, Power Tools and Fasteners Expo opened to an overwhelming response from industry and trade visitors at the Yashobhoomi, Dwarka, New Delhi, India from 27-29 September 2024. Collocated with CWE - Cutting and Welding Expo, IMEX - International Machine Tools Expo, UMEX - Used Machinery Expo and a tech India TECHINDIA, leading exhibition on Engineering & Manufacturing, the event this year marked the meteoric yet well deserved rise of Robotics, Industrial Automation and product innovation across the cross section industries.

With over 250 companies and brands exhibiting their finest and groundbreaking product range, the exhibition provided a unique platform for visitors and exhibitors to connect with each other and create mutually-beneficial business relationships.

The concurrent seminar on Latest Technology for Manufacturing & Maintenance Industries featuring eminent speakers from India's leading brands serves as an excellent opportunity for knowledge transfer and a chance for business networking among the delegates and attendees.

With a promise for an even bigger participation and stellar range of products on display, the 23rd edition of HTF and collocated exhibitions will be hosted at Bombay Exhibition Centre in Mumbai, India from 27-29 September 2025



The Exhibition

Visitor Profile

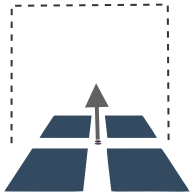
- Heads of Maintenance
- Factory / Operational Managers
- Purchase / Material Managers
- Exporters & Importers
- Distributors
- Traders & Retailers
- Industry Suppliers
- Maintenance Engineers
- Technical Service Managers
- Safety Engineers
- Production Technicians
- Defence & Space Establishments
- Aeronautical establishments
- MRO Workshops
- Automotive Manufacturers
- Garage/Service Stations
- Railway Workshops
- Ship Yards, Bus / Truck Body Builders
- Government Transport Workshops
- OEM's
- PSU's
- State Road Transport Corporations
- Ship Breaking Yards
- EPC Contractors
- Civil Contractors
- Structural Engineers
- PEB Manufacturers
- Fabricators
- Furniture Manufacturers
- Interior Designers
- Carpenters
- Plumbers
- Garden Services

Exhibitor Profile

- Heavy Engineering Tools
- Industrial Tools
- Cutting Tools
- Construction Tools
- Abrasives
- Woodworking Tools
- Automotive Tools
- Gardening & Agrico Tools
- Aviation Tools
- Saw blades
- Rotary & Oscillating Tools
- Grinders & Sanders
- Routers & Cutout Tools
- Heat Guns & Seamers
- Industrial Fasteners and Fixings
- Aerospace Fasteners
- Screws & Washers
- Fastener Manufacturing Technology
- Fastener Manufacturing Machinery
- Inserts & Rivets



Event Highlight



18,000 Sqm
GROSS EXHIBITING AREA



253
EXHIBITING COMPANIES



10
EXHIBITING COUNTRIES
Canada, China, Hong Kong, India,
Italy, Korea, Portugal, South Africa,
Taiwan, Turkey



9,017
UNIQUE VISITORS



300+
DELEGATES



SUPPORT FROM
MAJOR TRADE ASSOCIATIONS
AND WORLD METAL FORUM



BUSINESS MEETS ON
***"Latest Technology for Manufacturing
& Maintenance Industries"***
by WMF



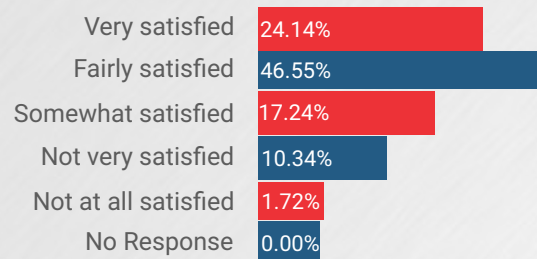
INTERNATIONAL CONFERENCE ON
***"Process & Product Innovations
in Metal Production"***
by IIM- Delhi Chapter



INTERNATIONAL OPEN SEMINAR ON
***"Green Steel Production: Sustainable
Practices and Carbon Reduction"***
by Metalogic

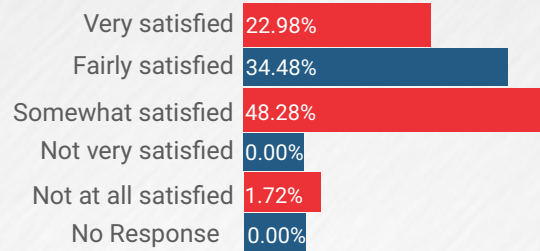
Exhibitor Facts

OVERALL SATISFACTION



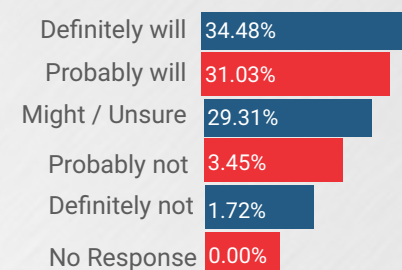
88% are Overall Satisfied with shows

IMPORTANCE OF THE EVENT



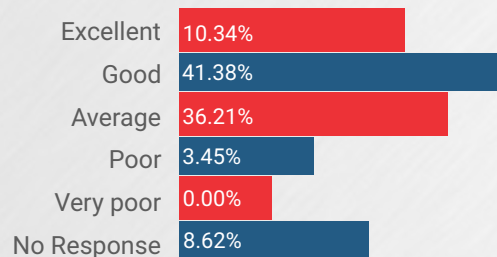
98% Feel the Importance of Event

LIKELIHOOD TO RETURN NEXT YEAR



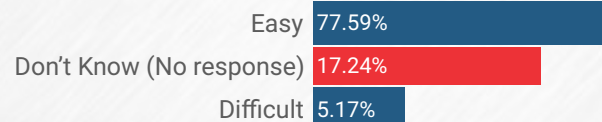
95% are likely to return for next edition.

OVERALL RETURN ON INVESTMENT

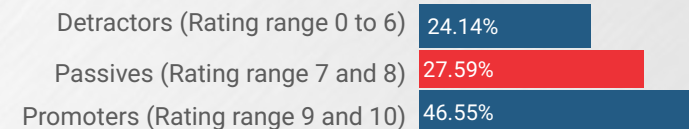


52% exhibitors agree that exhibition delivered a better ROI for them

NET EASY SCORE 72



NET PROMOTER SCORE 22



Exhibitor Testimonials

"We have been participating in CWE for a long time, and every year we see more and more visitors and participants. You can find a wide range of products at this exhibition, making it a win-win situation for both exhibitors and visitors. The quality and caliber of visitors have been upgraded, matching the international standards of exhibitions."

Anuj Singhal – BSC Power Tool

"We are very happy with the response we have received this year. Our sister company has also participated, and they are equally getting a good response. We are receiving visitors from Kerala, Tamil Nadu, Meghalaya, Gujarat, and Maharashtra. This has been a great experience for us. By being in Delhi, we have almost covered pan-India. The quality of visitors is from the industry—they are not just a crowd."

Abhay Krantikal – Broach Cutter drilling machine Pvt Ltd

"The crowd has been really good. We received meaningful visitors and new buyers. Based on our overall experience, we would definitely rate the exhibition 9+ out of 10."

Sahil Gupta – Autofit Hand Tools

"The exhibition and the venue are great. We were not expecting such a huge footfall on the first day, but we are glad to have gained new clients. The arrangements are also really well done."

Akash Singla- Xtra Power tools

"This exhibition is very promising we got unexpected response from visitors at very first day of the exhibitions and next two days seems very positive."

RONIX Power Tools,

"We have been participating in this exhibition for the last 5 years, and every year we have a new and creative experience"

Sunny Shah -Champion abrasive

"This exhibition has been the best so far. The venue, the management, and the footfall have made it an incredible experience. The team gives us the utmost respect and ensures perfection in everything they do. We love coming here"

Mayank Taneja- Taneja great Industries

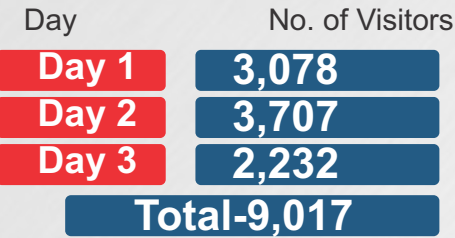
"The experience has been good. We are getting visitors from all across India, including Bihar, Punjab, Haryana, Gujarat, and South India. The reach is impressive, and we are connecting with many dealers and visitors, allowing us to engage with diverse groups. It has helped us meet both existing clients and potential new buyers under one roof"

Nikhil Kumar- Arya Powertech(Dong cheng

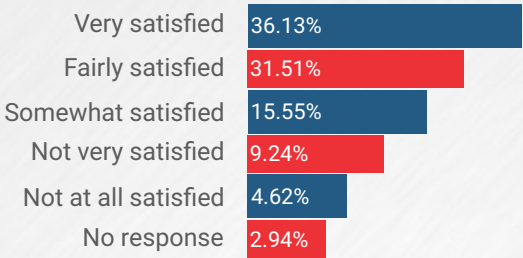
"This exhibition is on a very large scale, and we are very happy with the entire setup. It helps connect all manufacturers with end users and creates a great trade network, which is highly beneficial. We are also pleased with the footfall, as we did not expect such a large turnout on the first day"

Akash Manik – Pilot Spray Guns

Visitor Facts

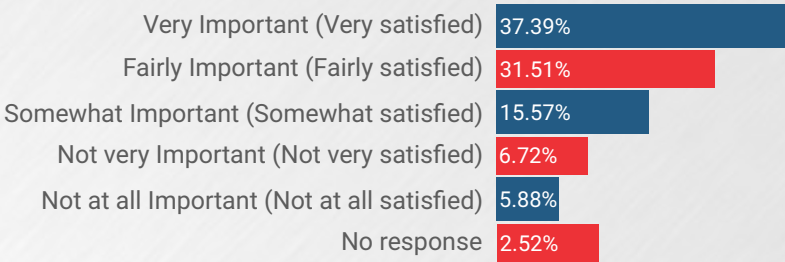


OVERALL SATISFACTION



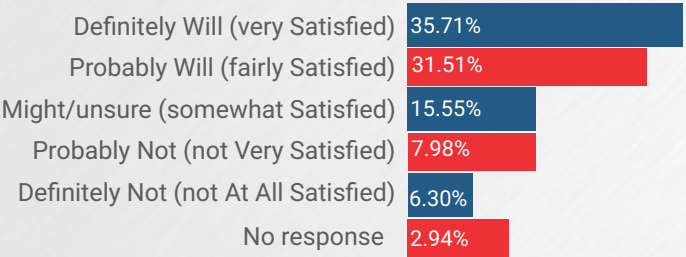
 83% are Overall Satisfied with shows

IMPORTANCE OF THE EVENT



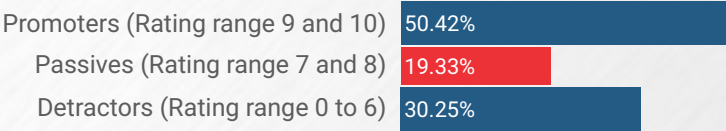
 85% Feel the Importance of Event

LIKELIHOOD TO RETURN TO ATTEND

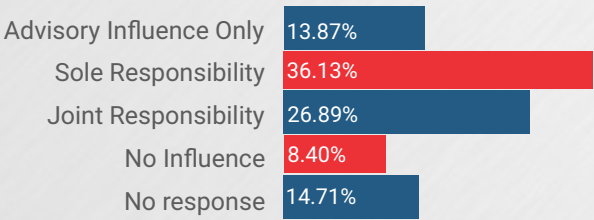


 83% are likely to attend for next edition.

NET PROMOTER SCORE 20

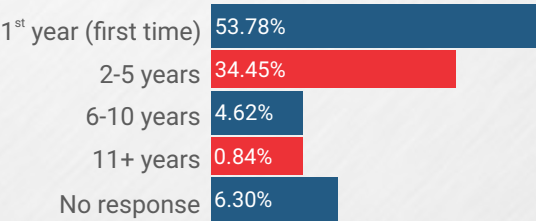



OVERALL PURCHASE RESPONSIBILITY



 77% have Overall Purchase Responsibility

NUMBER OF PREVIOUS EXHIBITS



 88% No. of previous visits

The Conference

International Conference on

“Process & Product Innovations in Metal Production”

by IIM- Delhi Chapter

Day 1 September 27, 2024

Technical Session 1

Product Development & Applications

- Dr. Monojit Dutta, Tata Steel, (Invited Paper)
- Mr A. Chatterjee, RDCIS, SAIL, Ranchi
- Mr Immanuel Raju Kola, JNARDDC, Nagpur
- Dr. Pradyut Sengupta, IMMT, Bhubaneswar
- Dr. Ashwani Kumar, IIT Delhi

Technical Session 2:

Process Innovations in Steel & Metal Sector

- Dr. Dayanand Paswan, CSIR-NML, Jamshedpur
- Mr Viswanath Ammu, JNARDDC, Nagpur
- Mr Kumar Abhishek, RDCIS, SAIL, Ranchi
- Dr. M Manikandan, Vellore Institute of Technology, Vellore
- Mr Chandan Kumar, RDCIS Bokaro Centre, SAIL



Day 2 September 28, 2024

Technical Session 3

Decarbonisation of the Metal Sector

- Dr. Joachim Scheele, Linde Plc, (Invited Paper)
- Dr. Shilpi Kapur, EMC, (Invited Paper)
- Mr. B. K. Das, RDCIS, SAIL, Ranchi
- Mr. Jaydeep B Jadhav, EMD, SAIL, Kolkata
- Mr. Gaurav Verma, M N Dastur & Co
- Mr. N. P. Srivastava, Bokaro Steel Plant, SAIL
- Mr. Nirmalya Deb, BigMint, Raipur

Panel Discussion II

Decarbonisation of the Metal Sector and Strengthening R&D Ecosystem

Technical Session 4

- New Technologies
- Mr. Manoranjan Ram, Danieli India Ltd, (Invited Paper)
- Mr. Praveen Chaturvedi, Tenova Technologies Pvt. Ltd. (Invited Paper)
- Mr. Navneet Singh, Yogiji Digi, Faridabad (Invited Paper)
- Prof. S B Singh, IIT Kharagpur (Invited Paper)
- Mr. Santanu Saha, MIDHANI

Technical Session 5

Recovery, Recycling & Waste Management

- Dr. Bhupinder Singh, IARI, Pusa, (Invited paper)
- Mr. Mohinder Singhania, Attero Recycling Pvt. Ltd., Noida
- Mr. Alok Kumar Mathur, Bhilai Steel Plant, SAIL
- Ms. Alopi Banerjee, Durgapur Steel Plant, SAIL
- Ms. Shaila Mir, IIT Roorkee

Day 3 September 27, 2024

Technical Session 6

Raw Material Beneficiation & Advanced Refractory Material

- Mr. Pitamber Adhikari, Calderys India Refractories Pvt. Ltd
- Mr. J N Panda, IMMT, Bhubaneswar
- Mr. Rahul Kumar, Calderys India Refractories Pvt. Ltd.

Technical Session 7

Digitalisation and Smart Technologies

- Mr. Manoj Arora, KJSS COSMOS
- Dr. Sanjay K Prasad, Global Energy & Resource Industry
- Dr. S B Saraswat, Global Institute of E-Commerce
- Mr. Vikas Agnihotri, Consultant, SAP

Valedictory Session



The Open Seminar

International Open Seminar on

“Green Steel Production: Sustainable Practices and Carbon Reduction”

by Metalogic

Day 1 September 27, 2024

Conference Opening:

- Ms. Monica Bachchan Duvvuri, Founder & CEO, Metalogic PMS

Theme setting:

- Ms. Neha Verma, IFS, Director Ministry of Steel, GOI

Key Note Address by Special Invitee:

- Sh. Nagendra Nath Sinha, Former Secretary, Ministry of Steel

Special invitees Industry note:

- Mr. RK Goyal, Managing Director, Kalyani Steels
- Mr. VR Sharma, Vice Chairman, Advisory Group, JSP
- Mr. Aseem Gill, Vice President, Yogiji Digi
- Mr. Subhankar Sen, Business Head (Lubes), Bharat Petroleum Corporation Limited

Chief Guest

- Sh. Bhupathiraju Srinivasa Varma, Minister of State, Ministry of Steel

Session 1 – Green Steel Production Processes - Overview and Innovations

Speakers:

- Mr. Kondapalli Venkat – Section Head – Automotive & Yellow Goods – Technical Marketing –ArcelorMittal Nippon Steel India
- Mr. Gaurav Verma, DGM-Business Development & Branch Head, M. N. Dastur & Co. (P) Ltd
- Mr. Nitin Srivastava, Founder -Greengine Environmental Technologies Pvt Ltd
- Mr. Satyaki Dasgupta, General Manager - ECO solutions, Iron and Steel, Primetals Technologies India, Pvt. Ltd.
- Mr. Sohail Akhtar- Chief General Manager, Marketing, Bharat Petroleum Corporation Limited

Session 2 – Market Trends and Opportunities in Green Steel Production

Speakers:

- Sh. Ajay Yadav, Joint Secretary, MNRE&C
- Mr. Mohit Kapoor, Warehouse Association of India
- Mr. Manish Mishra, Chief of Corporate Affairs, Tata Steel Ltd
- Mr. Arvind Singh – Vice President - Sales, SPP Sulzer India

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Session 3 – Case Study Presentations: Successful Implementation of Green Steel

Projects – Overview, Challenges, Achievement & Lessons Learned

Speakers:

- Mr. Varun Jindal, Managing Director, Dev Energy
- Mr. Naresh Lalwani, EVP and Head, Renewable Energy, JSW Steel
- Mr. Anish A. Surya, General Manager, Sales (KAM),



The Open Seminar

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Day 2 September 28, 2024

Recap and Introduction to Day 2

Session 1: Future of Iron Making in the Era of Green Steel Production & Task Force for Green Steel

Speakers:

- Sh. Saraswati Prasad, Former Special Secretary, Ministry of Steel
- Sh. Aniruddha Kumar, Former Add. Secretary, MNRE
- Mr. Rajiv Ranjan, CGM, Business Planning Group, Steel Authority of India Ltd.

Technical Session 1: Decarbonization Techniques in Iron Making

Speakers:

- Mr. Paramjeet Singh, Add. Industrial Advisor, Ministry of Steel
- Mr. Naveen Ahlawat, Head-Power to X, Green Hydrogen, Green Steel, Gasification projects & CCSU, Jindal Steel & Power
- Mr. Atul Kumar, Director – Vertical Markets (Metals & Cement) and Key Accounts, Siemens Energy
- Mr. Praveen Chaturvedi, Sr VP & Head – Sales Upstream India, TenovaTechnologies Pvt Ltd

Technical Session 2: Role of Technology and Innovation in Green Iron Making

Speakers:

- Mr. Rajesh, Sr. Manager, Xian ShaanGu Power Co. Ltd
- Mr. Parth Kumar, Programme Manager | Industry Programme | Centre for Science and Environment



The Business Meets

Business Meets on

“Latest Technology for Manufacturing & Maintenance Industries”

by WMF

Day 1 September 27, 2024

Session 1

Topic: Role of AI and Robotics in Transforming Steel Technology

Speaker: Mr. Raj Kumar Sharma, President (All India Council for Robotics & Automation - AICRA)

Session 2

Topic: Achieving Lubrication Reliability through IIOT in Maintenance Practices

Speaker:

Mr. Anshuman Agrawal, Founder & MD (Minimac Systems Pvt. Ltd.)

Session 3

Topic: Lead Battery Recycling solutions for a sustainable future

Speaker:

Mr. Pradeep Jain, Director (PSR Metals Pvt. Ltd.)

Session 4

Topic: Financing opportunities for MSME in Metal sector for domestic and export/ import transaction

Speaker:

Mr. Roman Volkov, Founder and MD (Metal-Market.in)



Day 2 September 28, 2024

Opening Remarks and Welcome by Hyve India

Session 1

Topic: How AutoCAD is helping manufacturing technologies to evolve

Speaker:

Mr. R. Ajithprabhakar, Specialist - Solution Sales (TD SYNEX)

Session 2

Topic: Hand Tools Manufacturing in India & Its Global positioning

Speaker:

Mr. Rajesh Peshion, General Manager Marketing (Osho Tools Pvt. Ltd.)

Session 3

Topic: Zero Mechanical Wear Machine - Magnetic Bearing Compressor - A Future with Low Maintenance

Speaker:

Mr. Arvind Singh, Vice President (Sulzer Pumps India Pvt.Ltd.)

Session 4

Topic: Operational Efficiency Improvement

Speaker:

Mr. Kumar Kartikeya, Ex. Group Project Head (JSW Steel & Rungta MinesLtd.)



Day 3 September 28, 2024

Opening Remarks and Welcome by Hyve India

Session 1

Topic: Pit To Port Digitalisation Addressing Logistics, Labour or Capital - Major Challenge for the Indian Steel Industry

Speaker:

Mr. Mansur Farوقي, CEO and Co-Founder (Linqhaul India Pvt. Ltd.)

Session 2

Topic: Zero Carbon Emission Vision

Speaker:

Mr. Raj Kumar, Joint Director (Ministry of Steel – Government of India)

Session 3

Topic: Role of Technology in the Recycling to achieve circularity

Speaker:

Mr. Sujeet Samaddar, Founder and Secretary (Society for Aerospace Maritime and Defence Studies)

Session 4

Topic: Industry 4.0 – Managing the Skill Gap & Workforce Training

Speaker:

Mr. Sanjay Bhardwaj, Industry & Strategy Head (Capital Goods & Strategic Skill Council)

Awards & Winners

DESIGN & CONCEPT- NATIONAL SECTOR

- First LSL Tools Pvt Ltd
- Second Akshaj Tools LLP
- Commendation Industrial Tools Corporation
Eastman Cast & Forge Ltd

INNOVATIVE DISPLAY

- First Sparkle Tools Pvt Ltd
- Second Dayanand Power Tools
- Commendation Shree Power Tools

GREEN CONCEPT DISPLAY

- First Smooth Run Exports Pvt Ltd
- Second Shubham Power Tools
- Commendation Akshar International

EQUIPMENT DISPLAY

- First USA Machinery Traders
- Second A Cube Tools and Hardware LLP
- Commendation Kuber Sales

INTERACTIVE STAND

- First Yuri Tools Impex LLP
- Second De Neers Tools Limited
- Second Zoshab International Power Tools LLP
- Commendation The Perfect Corporation



Awards & Winners

SPECIAL COMMENDATION – DEBUT PARTICIPATION

- BroachCutter Drilling Machines Pvt Ltd
- Durga Machine Tools
- Grindwell Norton Ltd.
- Sagar Diamond Tools

SPECIAL COMMENDATION -LARGEST EXHIBITOR -NATIONAL SECTOR

- Bandsaw Strip Corporation
- GB Kore ARC Private Limited

SPECIAL COMMENDATION - INNOVATIVE TECHNOLOGY DISPLAY

- Taneja Great Industries LLP

SPECIAL COMMENDATION- CUTTING & FORMING TECHNOLOGY

- Champion Abrasives
- Dewan Chand Panna Lal

SPECIAL COMMENDATION - WELDING EQUIPMENT & TECHNOLOGY

- GRS Power Tools Pvt Ltd
- JMI Exports
- KEIL Tools Pvt Ltd
- Multitec Industries Ltd.
- Osho Tools Pvt Ltd

SPECIAL COMMENDATION - PRE-OWNED MACHINERY

- Saibaba Machine Tools (India) Pvt. Ltd.



Metal, Machinery & Manufacturing Industry

BUSINESS CARNIVAL FOR INDIA'S GROWING INDUSTRIAL SECTORS

The country's largest exhibition for the metal, machinery, manufacturing, and maintenance industries will bring together over 250 exhibitors

By [Rupali Chatterjee](#)

India has made significant strides in its engineering sector. The country exports transport equipment, capital goods, other machinery/equipment and light engineering products to different countries. Manufacturing of these machines and equipment requires a large number of tools, screws, bolts, studs, dies, and various other fasteners. Moreover, the rising construction and infrastructure activities in the country is also driving the demand and growth of these products.



Chief guest Bhupathiraju Srinivasa Varma, Minister of State for the Ministry of Steel.

FOUR EXPOS UNDER ONE ROOF

The HTF Expo will highlight the latest in hand tools, power tools, and fasteners. The IMEX Expo will showcase cutting-edge technologies in cutting and welding. IMEX will feature advanced machine tools and CNC equipment, whereas UMEX will focus on economical pre-engineered machinery for industries. The MAMM 2024 Expo has attracted top companies and industry players from around the world. Co-organized with the Indian Institute of Metals (IIM) and supported by the World Metal Forum (WMF), the event will be a hub for knowledge exchange, collaboration, and business.

The expo promises to be a key platform for showcasing new technologies, fostering business connections and discussing the future of India's booming industrial sectors.

cutting-edge technology in engineering and manufacturing through the TECHINDIA Expo, which will display innovations such as pumps, compressors, and industrial solutions. This year, special attention will be given to industrial interest of Things (IoT) and smart manufacturing techniques, ensuring that attendees get a glimpse of the future of industrial processes.

Innovations in metal production: Hosted by IM Defco Chapter, this conference will cover the emerging developments and technologies in the metal industry.

Exclusive steel manufacturing networking session: This will provide a unique networking opportunity for manufacturers, CEOs, and industry leaders to discuss strategic partnerships.

Business meets on new technologies in manufacturing and maintenance industries: According to the World Steel Association, steel production accounts for 7.6 per cent of global carbon emissions, making it essential to adopt sustainable practices. The event will dive into the steps industries can take to align with global sustainability goals and the government's push towards greener production methods.



"Green steel production is not just a choice but a necessity if India is to lead the world in sustainable industrial practices, the decarbonisation of steel and other heavy industries must be at the forefront of this transition," says Gagan Sahai, director, Hye India P Ltd. So, steel may not be as glamorous as it used to be, but it is still a vital part of the world's infrastructure.

grand inauguration ceremony. With participation from more than 250 exhibitors and leading industry experts, this event is a must-visit for professionals from across the industry. The exhibition is open to all trade visitors from 10 am to 6 pm on September 27-28, and 10 am to 5 pm on September 29. The entry is free for pre-registered attendees, and on-the-spot registrations will also be available at the venue.



यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

सवेरा न्यूज़/आकाश द्विवेदी

नई दिल्ली, 24 सितम्बर : राजधानी खनिज, चातु, चातुर्कर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो की मेजबानी करने के लिए तैयार है। यह अंतराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर तक इंडिया इंटरनैशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मैटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा। हाइव इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों को जानकारी देते हुए कहा कि प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे।

Metal, Machinery & Manufacturing Industry

"HINDUSTAN MEDIA MARKETING INITIATIVE"

Final Day of India's Largest Industrial Exhibition: Celebrating Achievements and Looking Ahead

Yashobhumi, Dwarka— As we reach the final day of India's Largest Exhibition for Metal, Machinery, Manufacturing, and Maintenance, held from September 27-29, it's time to reflect on the remarkable journey we've experienced over the past few days. This event has successfully showcased seven key expos centered on Metal, Machinery, Manufacturing, and Maintenance, attracting thousands of industry professionals eager to explore innovations and foster valuable connections.

The event began with a grand inauguration ceremony, officiated by the distinguished Chief Guest, Sh. Bhupathiraju Srinivasa Varma, Hon'ble Minister of State for Steel, Government of India. His presence marked the start of a highly dynamic and impactful gathering, setting the tone for an extraordinary showcase of industry advancements and opportunities. As we enter the final day of India's Largest Industrial Exhibition at Yashobhumi, Dwarka, the synergy of six major expos has created an unparalleled platform for the metal, engineering, manufacturing, and machine tools industries. This amalgamation includes HTF for Advanced Hand Tools, Power Tools, and Fasteners;

CWE, which highlights Advanced Cutting and Welding Equipment & Technology, including Laser Technology; IMEX for the latest in Machine Tools such as CNC, Laser, Shot Blasting, and Measuring & Testing Equipment; UMEX, focused on Economical Pre-engineered Machinery; TECHINDIA, showcasing Engineering and Manufacturing solutions like Pumps, Valves, and Compressors; and MAMM, the largest and most prestigious event on Minerals, Metals, Metallurgy & Materials.

countless business As we conclude India's opportunities, formed new partnerships, and driven significant deals that will fuel growth in the months to come. Largest Industrial Exhibition today, the final day promises impactful sessions that will provide valuable insights into the metal, machinery, and manufacturing sectors. A key highlight is the Metal Industry & Investor Meet, bringing together industry leaders and investors to explore new opportunities, investments, and sustainable practices.

the final day a fitting conclusion to this successful event. The networking opportunities have proven invaluable, with many exhibitors and visitors forming collaborations that promise to drive innovation and growth within the industry. As we conclude this event, we encourage all attendees to take advantage of the last chance to connect with peers, share ideas, and explore potential partnerships. The exhibition floor is still open, featuring over 250+ leading exhibitors showcasing their latest products and technologies. This is a final opportunity for visitors to engage directly with manufacturers and suppliers, gaining firsthand knowledge of solutions that can enhance their operations. As we look forward to future events, the success of this exhibition reinforces the importance of collaboration and innovation in driving the industry forward. We thank all exhibitors, speakers, and attendees for their active participation and enthusiasm throughout



Together, these expos have formed an extended platform that showcases the strength, innovation, and expertise of both the Indian and international manufacturing and technology sectors. Over the last few days, exhibitors and visitors alike have seized

driving growth in the metal industry. As the exhibition wraps up, participants can take advantage of their last sessions to gain actionable strategies, strengthen networks, and explore business opportunities, making



the event. Join us as we close out this extraordinary exhibition. The exhibition is open to all trade visitors from 10 AM to 4 PM on 29 September each day. Entry is free for pre-registered attendees, and on-the-spot registrations will also be

available at the venue. Please note that children under 18 years and infants in arms are not permitted in the exhibition hall. Event Location: Yashobhumi (ICC), Dwarka, New Delhi

Join

WMF

WORLD METAL FORUM

A Step Forward the Industry

www.worldmetalforum.org

यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

हाइव टाइम्स संवाददाता

नई दिल्ली। राजधानी नई दिल्ली खनिज, चातु, चातुर्कर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो की मेजबानी करने के लिए तैयार है। यह अंतराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनैशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मैटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा। हाइव इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों को जानकारी देते हुए कहा कि प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है।

उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे। साहनी ने यह भी बताया कि इस कार्यक्रम का आयोजन इंडियन इंस्टीट्यूट ऑफ मेटल्स-दिल्ली सेंटर और

वर्ल्ड मेटल फोरम के सहयोग से किया जा रहा है। इसके 2024 संस्करण में चीन, यूरोपीय देशों और रुस के लिए अलग-अलग पर्यटन पर आयोजन, जो व्यापार और तकनीकी सहयोगों को बढ़ावा देगा। एमएमएमएम 2024 एक्सपो में विभिन्न धातु उद्योग, सांख्यिकीय, निवेश और तकनीकी आयोजन-प्रदान से देश में खनिज, चातु और सामग्री उद्योगों की प्रगति को बतलाने के लिए तैयार है। यह अंतराष्ट्रीय प्रदर्शनी न केवल व्यापार को आगे बढ़ाने का मौका देती बल्कि सरकारी-प्रायतः तकनीकी और नवाचार में नए अवसर भी प्रदान करती है। साहनी ने कहा कि 2023 के वित्तीय वर्ष में भारत के वित्तियोग क्षेत्र में 4.7% की वृद्धि हुई, जिसका श्रेय विधानन, भारी इंडीनिफरिग, चातु, चातु, कृषि और इन्फ्रास्ट्रक्चर जैसे प्रमुख क्षेत्रों में हुई व्यापक प्रगति को जाता है। इस सम्मेलन से उद्योग जगत के वित्तियोग के साथ संबंध बनने का सुवर्ण अवसर मिलेगा, जो इन क्षेत्रों में अग्रे बढ़ने के लिए बेहतर महत्वपूर्ण साधन होगा।

यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

पुष्पाब्ज दुबे, नई दिल्ली

राजधानी नई दिल्ली खनिज, चातु, चातुर्कर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो की मेजबानी करने के लिए तैयार है। यह अंतराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनैशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मैटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा। हाइव इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों को जानकारी देते हुए कहा कि प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे।

प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे। यह अंतराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनैशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मैटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा। हाइव इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों को जानकारी देते हुए कहा कि प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे।

संस्कारी अद्यतन-प्रदान से देश में खनिज, चातु और सामग्री उद्योगों की प्रगति को बतलाने के लिए तैयार है। यह अंतराष्ट्रीय प्रदर्शनी न केवल व्यापार को आगे बढ़ाने का मौका देती बल्कि सरकारी-प्रायतः तकनीकी और नवाचार में नए अवसर भी प्रदान करती है। साहनी ने कहा कि 2023 के वित्तीय वर्ष में भारत के वित्तियोग क्षेत्र में 4.7% की वृद्धि हुई, जिसका श्रेय विधानन, भारी इंडीनिफरिग, चातु, चातु, कृषि और इन्फ्रास्ट्रक्चर जैसे प्रमुख क्षेत्रों में हुई व्यापक प्रगति को जाता है। इस सम्मेलन से उद्योग जगत के वित्तियोग के साथ संबंध बनने का सुवर्ण अवसर मिलेगा, जो इन क्षेत्रों में अग्रे बढ़ने के लिए बेहतर महत्वपूर्ण साधन होगा।

यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

नई दिल्ली 24 सितम्बर (एएसएस)। राजधानी नई दिल्ली खनिज, चातु, चातुर्कर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो की मेजबानी करने के लिए तैयार है। यह अंतराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनैशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मैटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा। हाइव इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों को जानकारी देते हुए कहा कि प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे। यह अंतराष्ट्रीय प्रदर्शनी न केवल व्यापार को आगे बढ़ाने का मौका देती बल्कि सरकारी-प्रायतः तकनीकी और नवाचार में नए अवसर भी प्रदान करती है। साहनी ने कहा कि 2023 के वित्तीय वर्ष में भारत के वित्तियोग क्षेत्र में 4.7% की वृद्धि हुई, जिसका श्रेय विधानन, भारी इंडीनिफरिग, चातु, चातु, कृषि और इन्फ्रास्ट्रक्चर जैसे प्रमुख क्षेत्रों में हुई व्यापक प्रगति को जाता है। इस सम्मेलन से उद्योग जगत के वित्तियोग के साथ संबंध बनने का सुवर्ण अवसर मिलेगा, जो इन क्षेत्रों में अग्रे बढ़ने के लिए बेहतर महत्वपूर्ण साधन होगा।

Metal, Machinery & Manufacturing Industry

*HINDUSTAN TIMES MEDIA MARKETING INITIATIVE

The Grand Launch of India's Premier Manufacturing and Metal Industrial Exhibition at Yashobhoomi, Dwarka

A Grand Showcase for Metal, Machinery, Manufacturing, and Maintenance

On September 27, 2024, the highly anticipated exhibition for the Metal, Machinery, Manufacturing, and Maintenance industries has finally opened its doors today at Yashobhoomi, Dwarka, New Delhi. In what promises to be a landmark event for the industry, organized by Hyve India, this event is set to be a veritable showcase of innovation, featuring over 250 top exhibitors attracting more than 12,000 visitors from across the country and around the globe. Industry professionals, leaders, innovators are converging to witness the latest cutting-edge technologies and solutions driving the future of metal, machinery, manufacturing, and maintenance. The event will feature six major segments: HTF for Advanced Tools, Power Tools, and Hand Tools; CWE for Advanced Welding and Welding Equipment & Technology, including Laser Technology; IMEX for the Latest Machine Tools (CNC, Laser, Shaping, Measuring & Testing Equipment, and more); UMEX for Industrial Pre-owned Machinery & Equipment; TECHINDIA for Engineering and Manufacturing Equipment, Valves, Compressors, and more; and along with MIMMM, the largest and most prestigious event for Minerals, Metals, Metallurgy & Materials.

MMMM 2024 is supported by the Ministries of Steel, Coal, Electronic & Information Technology, Commerce & Industry, Government of India and honored to have the Hon'ble Minister of Steel, Government of India, invited to formally inaugurate the event, alongside the former Secretary of the Ministry of Steel and leaders from the steel and allied industries. This series of expos serves as a comprehensive platform for the metal, engineering, manufacturing, and machine tools



sectors, showcasing the innovation and strength of both Indian and international manufacturing and technology industries. The event will commence with an inauguration ceremony, led by our esteemed Chief Guest, Sh.

Bhupathiraju Srinivasa Varma, Hon'ble Minister of State for the Ministry of Steel, Govt. of India, marking the beginning of a dynamic and impactful gathering. Attendees will experience a wealth of activities, including: An International Open Seminar on Green Steel Production: Sustainable Practices and Carbon Reduction powered by Metalogic, where we anticipate valuable insights from prominent industry figures. The session will open with an inaugural address by Mr.

Neha Verma, IFS, Director, Ministry of Steel, followed by a keynote speech from Sh. Nagendra Nath Sinha, Former Secretary, Ministry of Steel. We have invitees such as Mr. SS Mohanty, CEO & MD, Essar

Minmet & Former President of The Indian Institute of Metals, Mr. VR Sharma, Vice Chairman of the Advisory Group at JSP, Mr. Subhankar Sen, Business Head (Lubes) at Bharat Petroleum Corporation Limited, Mr. Sanjay Mehta, President - MRAI and MD of MTC Steel, Mr. Aseem Gill, Vice President at Yogi Digi, and, to share their insights International Conference on Process & Product Innovations in Metal Production Hosted by the IIM Delhi Chapter, this conference will cover the emerging developments and technologies in the metal industry. Exclusive Steel Manufacturers Networking Pavilion: This area will

provide a unique networking opportunity for manufacturers, CEOs, and industry leaders to discuss strategic partnerships. Business Meets on New Technologies in Manufacturing and Maintenance: These sessions will focus LATEST TECHNOLOGY FOR MANUFACTURING & MAINTENANCE INDUSTRIES. As the exhibition progresses, tomorrow's agenda features even more engaging sessions. Participants can expect in-depth discussions on innovations, including the Future of Iron Making in the Era of Green Steel Production, the Task Force for Green Steel, and



Decarbonization Techniques in Iron Making. Additionally, the focus on sustainability will continue, providing valuable insights on aligning with global sustainability goals. The exhibition is open to all trade visitors from 10 AM to 6 PM on 27-28 September and 10 AM to 4 PM

on 29 September each day. Ent free for pre-registered attendees and on-the-spot registrations are also available at the venue. Please note that children under years and infants in arms are not permitted in the exhibition hall. Event Location: Yashobhoomi (IICC), Dwarka, New Delhi

दैनिक भास्कर

विधि

समाचार के लिए देश भर में हमारे पत्रों के लिए खाली जगहें उपलब्ध हैं।

यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

भास्कर समाचार सेवा

नई दिल्ली। राजधानी नई दिल्ली खनिज, धातु, धातुकर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो की मेजबानी करने के लिए तैयार है। यह अंतरराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनेशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मैटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा। हाइव इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों की जानकारी देते हुए कहा कि प्रत्येक संस्करण के

साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे। साहनी ने कहा कि 2023 के वित्तीय वर्ष में भारत के विनिर्माण क्षेत्र में 4.7% की वृद्धि हुई, जिसका श्रेय विमानन, भारी इंजीनियरिंग, मोटर वाहन, कृषि और इंफ्रास्ट्रक्चर जैसे प्रमुख क्षेत्रों में हुई व्यापक प्रगति को जाता है। इस एक्सपो से उद्योग जगत के दिग्गजों के साथ संवाद करने का सुनहरा अवसर मिलेगा, जो इन क्षेत्रों में आगे बढ़ने के लिए बेहद महत्वपूर्ण साबित होगा।

यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

अमर भारती संवाददाता नई दिल्ली। खनिज, धातु, धातुकर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो की मेजबानी करने के लिए तैयार है। यह अंतरराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनेशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मैटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा। हाइव इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों की जानकारी देते हुए कहा कि प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे। साहनी ने यह भी बताया कि इस कार्यक्रम का आयोजन इंडियन इंस्टीट्यूट ऑफ मेटल्स-दिल्ली चैटर और वर्ल्ड मेटल फोरम के सहयोग से किया जा रहा है।

इनोवेशन का शानदार प्रदर्शन

27-29 सितंबर तक द्वारका के यशोभूमि में देश की सबसे बड़ी मेटल, मशीनरी, मैन्युफैक्चरिंग और मेनटेनेंस इंडस्ट्री से संबंधित प्रदर्शनी का आयोजन किया जा रहा है। इस दौरान इंडस्ट्री से जुड़े लोगों को नेटवर्किंग करने का बेहतरीन मौका मिल रहा है

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भारत ने अपने इंडीनिजेशन सेक्टर में महत्वपूर्ण प्रगति की है। देश विभिन्न देशों को टैंगरमेंट इन्फ्रामैट, फैब्रिकेट इटम, अन्य मशीनरी/इन्फ्रामैट और हल्के इन्जीनियरिंग उत्पादों का निर्यात करता है। इन मशीनों और उपकरणों के निर्माण के लिए बड़ी संख्या में नए, मजदूर, वेल्डर, स्ट्रिटर और पिंविन अन्य फाक्टरों की आवश्यकता होती है। इनके अभाव, देश में अपने निर्माण और मशीनरी क्षेत्रों में बड़ी संख्या में नए नौकरों की मांग और बढ़ते जा रहे हैं।

साथी इंडिया को भारत में रहते हुए अपने इंडिया में मेटल, मशीनरी, मैन्युफैक्चरिंग और मेनटेनेंस इंडस्ट्री के लिए एक नया प्रदर्शनी का आयोजन किया है। यह प्रदर्शनी का शुभारंभ यशोभूमि, द्वारका, नई दिल्ली में शुरू हुआ था, जो इंडस्ट्री के लिए एक ऐतिहासिक अवसर था। उद्घाटन पर इस प्रदर्शनी का पहला सत्र आयोजित



और देश व दुनिया भर से 12,000 से अधिक ट्रेड विजिटर्स इनमें हिस्सा ले रहे हैं। इंडस्ट्री के प्रेक्शनल, तैयारी और इन्फ्रामैट व अन्य मशीनरी और मैन्युफैक्चरिंग व प्रोडक्शन से संबंधित नए नौकरों की मांग और बढ़ते जा रहे हैं। इनके अभाव, देश में अपने निर्माण और मशीनरी क्षेत्रों में बड़ी संख्या में नए नौकरों की मांग और बढ़ते जा रहे हैं।

यह प्रदर्शनी में एक प्रमुख कार्यक्रम शामिल है। इसमें 250 से अधिक टॉप एग्जीक्यूटिव्स हिस्सा ले रहे हैं। साथ ही, देश-विदेश से 12,000 से अधिक ट्रेड एग्जीक्यूटिव्स इसमें शामिल हो रहे हैं।

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यह आयोजन इनोवेशन का केंद्र है, जिसमें 250 से अधिक टॉप एग्जीक्यूटिव्स हिस्सा ले रहे हैं। साथ ही, देश-विदेश से 12,000 से अधिक ट्रेड एग्जीक्यूटिव्स इसमें शामिल हो रहे हैं।

मेटल, मेटल सॉल्यूशंस और मशीनरी का देश का सबसे बड़ा व प्रसिद्ध कार्यक्रम बन रहा है।

एकमात्र को यह प्रमुख मेटल, इन्फ्रामैट, मैन्युफैक्चरिंग और मशीनरी दुनिया भर के लिए एक व्यापक मंच के रूप में कार्य करती है, जो मशीनरी और मैन्युफैक्चरिंग व प्रोडक्शन से संबंधित नए नौकरों की मांग और बढ़ते जा रहे हैं। इनके अभाव, देश में अपने निर्माण और मशीनरी क्षेत्रों में बड़ी संख्या में नए नौकरों की मांग और बढ़ते जा रहे हैं।

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यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

मुद्राभां टुडे, नई दिल्ली

राजधानी नई दिल्ली खनिज, धातु, धातुकर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो को मेजबानी करने के लिए तैयार है। यह अंतरराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनेशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मेटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा।

हाइड्रॉ इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों को जानकारी देते हुए कहा कि

प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे।

साहनी ने यह भी बताया कि इस कार्यक्रम का आयोजन इंडियन इंस्टीट्यूट ऑफ मेटल्स-दिल्ली चैप्टर और वर्ल्ड मेटल फोरम के सहयोग से किया जा रहा है। इसके 2024 संस्करण में चीन, यूरोपीय देशों और रूस के लिए अलग-अलग पवेलियन बनाए जाएंगे, जो व्यापार और तकनीकी साझेदारी को बढ़ावा देंगे। एमएमएमएम 2024 एक्सपो में विभिन्न संयुक्त उद्यम, साझेदारियां, निवेश और

तकनीकी आदान-प्रदान से देश में खनिज, धातु और सामग्री उद्योगों की प्रगति को बल मिलेगा। यह अंतरराष्ट्रीय प्रदर्शनी न केवल व्यापार को आगे बढ़ाने का मौका देगी बल्कि सस्टेनेबल टेक्नोलॉजी और नवाचार में नए अवसर भी प्रदान करेगी। साहनी ने कहा कि 2023 के वित्तीय वर्ष में भारत के विनिर्माण क्षेत्र में 4.7 प्रतिशत की वृद्धि हुई, जिसका श्रेय विमानन, भारी इंडीनिजेशन, मोटर वाहन, कृषि और इन्फ्रास्ट्रक्चर जैसे प्रमुख क्षेत्रों में हुई व्यापक प्रगति को जाता है। इस एक्सपो से उद्योग जगत के दिग्गजों के साथ संवाद करने का सुनहरा अवसर मिलेगा, जो इन क्षेत्रों में आगे बढ़ने के लिए बेहद महत्वपूर्ण साबित होगा।

यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

नई दिल्ली, राजधानी नई दिल्ली खनिज, धातु, धातुकर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो को मेजबानी करने के लिए तैयार है। यह अंतरराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनेशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मेटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा।

04 मुद्राभां टुडे | 27 सितंबर, 2024

यशोभूमि में होगा 14वें एमएमएमएम एक्सपो का आयोजन

मुद्राभां टुडे, नई दिल्ली

राजधानी नई दिल्ली खनिज, धातु, धातुकर्म और सामग्री पर आयोजित होने वाले सबसे बड़े ट्रेड शो, 14वें एमएमएमएम एक्सपो को मेजबानी करने के लिए तैयार है। यह अंतरराष्ट्रीय प्रदर्शनी 27 से 29 सितंबर, 2024 तक इंडिया इंटरनेशनल कन्वेंशन एंड एक्सपो सेंटर, यशोभूमि में आयोजित की जाएगी। यह भारत में मिनरल्स, मेटल्स, मेटलजी और मेटेरियल्स से जुड़े उद्योगों का सबसे बड़ा आयोजन होगा।

हाइड्रॉ इंडिया प्राइवेट लिमिटेड के निदेशक गगन साहनी ने सोमवार को एक्सपो की तैयारियों को जानकारी देते हुए कहा कि

प्रत्येक संस्करण के साथ इस आयोजन की महत्ता बढ़ती जा रही है। उन्होंने बताया कि इस बार भी 10 से अधिक देशों के 300 से ज्यादा प्रदर्शक हिस्सा लेंगे, जबकि 12 हजार से अधिक खरीदार दक्षिण एशिया से यहां पहुंचेंगे।

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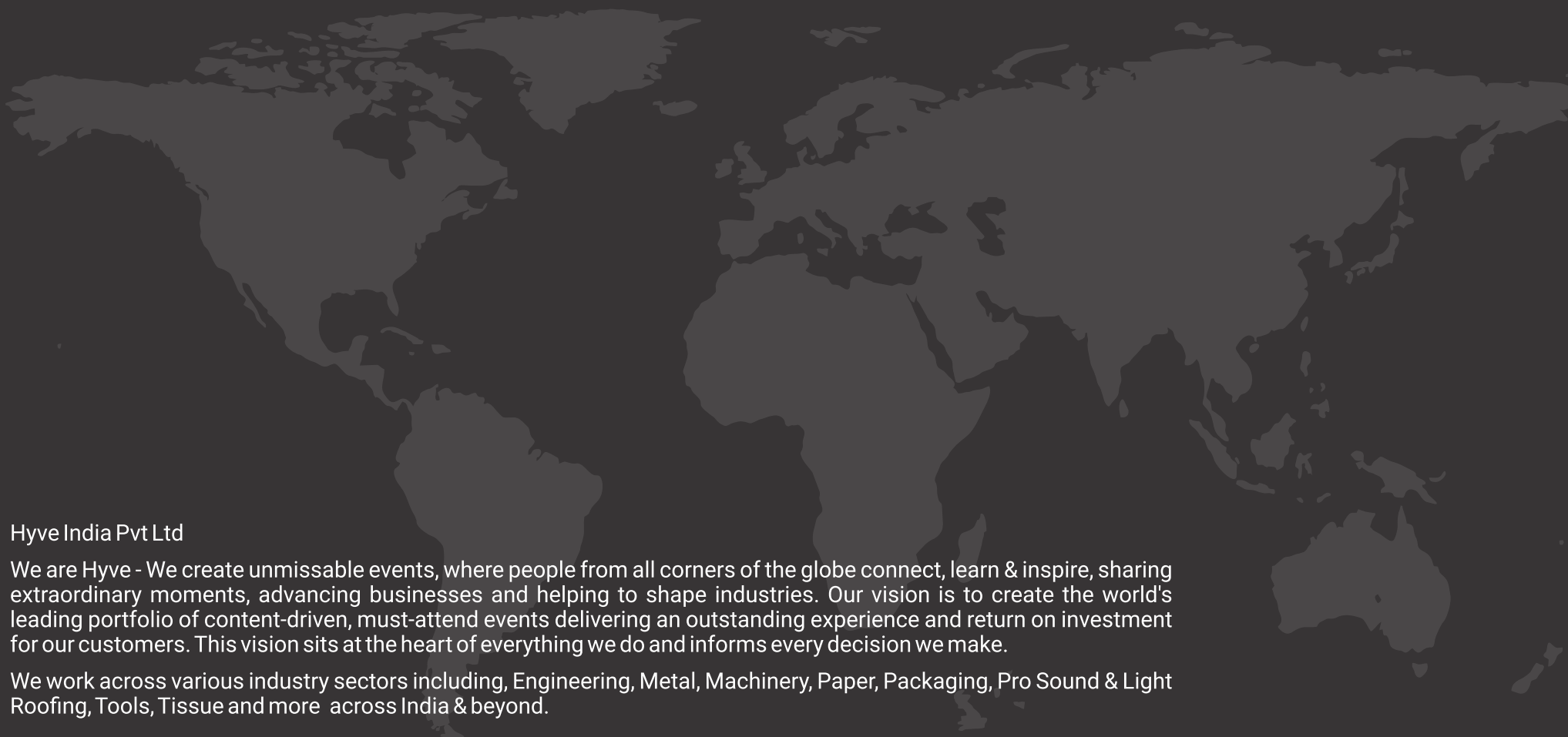
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