

Organized By

SIMA

Sponge Iron Manufacturers
Association

Indian voice for the ore based
metallic & steel industry

6th India International DRI Summit 2024

Multi Pathways for mitigation of carbon footprints

11 March 2024 | Hotel Le Meridien , New Delhi, India

Supported By



इस्पात मंत्रालय
MINISTRY OF
STEEL

सत्यमेव जयते

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STEEL & METALLURGY
A COMPLETE STEEL MAGAZINE

About the Summit

The theme of All India Sponge Iron Manufacturers Association's Summit is Multi Pathways for Mitigation of Carbon Footprints. India is emitting about 2.9 GT CO₂ emissions with 1.8 tonnes CO₂ per capita emissions and is the third largest polluter (about 4.9% of the total global emissions).

National Steel Policy 2017 envisages steel production of 255 million tonnes by 2030-31 against the current production of 127 Million Tonnes (an increase of 128 Million Tonnes). This calls for immediate actions to reduce our CO₂ emissions from the current level of 2.5 tonnes CO₂/tonne of steel to the global average of 1.7 tonnes CO₂/tonne of steel.

Indian steel industry and economy are growing very fast. This calls careful planning and executing its emissions goals. This Summit will focus on the various Pathways not only to achieve of our targeted emissions goals but also to follow the emerging trends of the global steel industry.

Thrust Area of the Summit

- **Providing common platform to all the stakeholders for knowledge sharing and networking purpose**
- **Exploring the economic and eco-friendly routes of gas-based DRI and steel making with a focus on green Hydrogen**
- **Adoption of best emerging alternative coal-based energy – efficient and eco-friendly DRI technologies**
- **Innovations in the conventional DRI production technologies to optimize performance and minimize environment impact**
- **To explore the use of cost effective and environmentally friendly raw materials**
- **Global innovations towards enhancing energy efficiency**
- **Improving the efficiency of existing coal-based technologies in significantly reducing environmental pollution**
- **Availability of quality raw materials like iron ore, coal, reducing gases and their impact on carbon footprints**

This Summit is likely to be attended by Union Minister, Member, NITI Aayog, Secretaries of the concerned Ministries of Government of India, captains of steel industry, experts, world renowned process and equipment technology suppliers.

Who Should Attend



**Steel/DRI
Manufacturers**



**Iron Ore
Suppliers**



**Coal
Suppliers**



**Technology
Suppliers**



Logistics



Traders



**Exporters
Importers**

What to Expect



250+
Delegates



15+
Exhibitors



20+
Speakers

About the Organizer

Sponge Iron Manufacturers Association (SIMA)

India took its first significant step towards economic liberalization in 1991. At that time, the country's economy was undergoing a radical transformation. In response to this changing landscape, the Sponge Iron Manufacturers Association (SIMA) was established and began its operations on 11th February 1992. SIMA's primary objective is to serve as a platform for the exchange of knowledge, experiences and growth-related insights within the industry.

One of SIMA's key roles is to provide a forum for reviewing the industry's smooth functioning in relation to Government policies, global developments and market feasibilities. As an apex body, SIMA also acts as an interface with the Government, advocating for and safeguarding the ever-growing needs of the industry in a rapidly evolving business environment

Furthermore, SIMA is committed to maintaining an up-to-date database from both national and global perspectives. This ensures that its members are well informed about growth possibilities and future prospects, enabling them to make informed decisions.

In summary, SIMA plays a crucial role in facilitating the growth and development of the sponge iron manufacturing industry in India. By fostering knowledge exchange, advocating for industry needs, and providing valuable insights, SIMA contributes to the industry's success in an increasingly competitive global market.

Programme Schedule

Multi Pathways for Mitigation of Carbon Footprints

08:30 - 09:30 | Registration & Tea/Coffee

09:30 - 10:40 | Inaugural Session

Welcome Address

Mr. Rahul Mittal, Chairman, SIMA & MD, Janki Corp Ltd.

Theme Address

Mr. Deependra Kashiva, Director General, SIMA

Address by Guest of Honour

Dr. John Atherton, SG, International Iron Metallics Association, UK

Address by Guest of Honour

Mr. Sumit Kishore, ED(Mktg), GAIL

Address by Guest of Honour

Mr. V R Sharma, Vice Chairman, JSP Group Advisory Services

Address by Guest of Honour

Mr. Ashish Anupam, Vice President, Tata Steel Long Products Ltd.

Address by Guest of Honour

Mr. Jayant Acharya, Jt. MD & CEO, JSW Steel Ltd.

Address by Guest of Honour

Mr. Amitava Mukherjee, CMD, NMDC Ltd.

Address by Guest of Honour

Mr. Abhay Bakre, Director General, Bureau of Energy Efficiency

Keynote Address (Video)

Dr. V K Saraswat, Member, NITI Aayog

Address by Chief Guest

Mr. Nagendra Nath Sinha, Secretary, Ministry of Steel

Release of Knowledge Report

SIMA / BigMint (Formerly SteelMint / CoalMint)

Presentation of Mementos

Vote of Thanks

Mr. Gajraj Singh Rathore, Vice Chairman, SIMA and Director & Group COO, JSW Steel Ltd.

10:40 -11:40 | Technical Advances in Gas Based DRI and DRI Based Steel Production

Moderator – Mr. Gajraj Singh Rathore, Vice Chairman,
SIMA and Director & Group COO, JSW Steel Ltd.

Presentation by Mr. Sean Boyle, Director -Plant Sales, Midrex Technologies Inc. USA

Energiron ZR: Fit-for-Future Direct Reduction Technology
by **Mr. M Zampa**, Deputy CTO, Danieli Group

The Emergence of Green Steel by Mr. Biswadeep Bhattacharjee,
VP Sales & Mktg and Head, Green Steel, Primetals Technologies

Hydrogen - Enriched Syngas Production from Biomass
by **Prof. Shabina Khanam**, IIT Roorkee

11:50 – 12:05 | Tea/Coffee Break

12:05 – 13:15 | Availability of Raw Materials and Their Role

Moderator – Mrs. Ruchika Chaudhry Govil, Addl. Secretary, Ministry of Steel

Role of Iron Ore

Mr. Rajesh Gupta, MD, Lloyds Metals and Energy Ltd.
Mr. Swapnil Patil, Head, Iron Ore & Sponge Iron, Tata International Ltd.

Role of Pellets

Mr. K Prasad, Director, Star Global LLC, UAE
Mr. M V Subba Rao, Advisor, Welspun Corp Ltd. & Former CMD, KIOCL

Role of Coal

Ms. Amita Khurana, Group Chief- Raw Materials Procurement, Tata Steel Ltd.
Mr. Suneet Kochhar, Vice President, RawMet Resources Pvt Ltd.

Role of Refractories in DRI and its challenges going forward by
Mr. Sanat Ganguli, Head – Iron Making, DRI, Dealer & Foundry Business,
RHI Magnesita India Ltd.

Role of Raw Materials and Digitalization in Reducing CO2 Footprint
by **Mr. Christian Reuss**, Head of Customer Success, Metalshub GmbH, Germany

13:15 – 14:15 | Lunch Break

14:00 – 15:45 | Multi Pathways to Reduce CO2 Emissions

Moderator – Mr. Abhijit Narendra, Joint Secretary, Ministry of Steel

Use of Syn Gas in DRI Production

by Mr. Naveen Ahlawat, Head - Power to X, Jindal Steel & Power Ltd.

Gas Based DRI as a Future Metallic

by Mr. Ravi Singh, CEO, Sulb, Bahrain & KSA

**Tenova's Approach Towards Green Pig Iron Production
Through Direct Reduction Technology: Tenova iBLUE®
by Mr. Praveen Chaturvedi**, VP & Head, Tenova HYL, Mexico

**Measures Taken by Tata Steel to Reduce Carbon Footprints in Coal Based
DRI Production by Dr. T. Bhaskar**, Chief Technology Officer, Tata Steel Ltd.

15:45 – 16:00 | Tea/Coffee Break

16:00 – 17:00 | Policy Advocacy Issues

Moderator: Mr. Rahul Mittal, Chairman, SIMA & MD Janki Corp Ltd.

Carbon Credit Trading Scheme

Mr. Saurabh Diddi, Director, Bureau of Energy Efficiency

Opportunity and Challenges for Sustainable growth of Secondary Steel Sector

Mr. Parmjeet Singh, Addl Indl. Advisor, Ministry of Steel

AI software-based CO2 emissions reporting mechanism

Mr. Harsh Choudhry, Co-founder & CEO, Sentra World

Indian Initiatives to Decarbonization of Steel Industry

Mr. Girish Sethi, Senior Director, TERI

Latest Developments to Reduce CO2 Emissions and Use of Green Hydrogen

Mr. Prakash Tatia, Director, Welspun Specialty Solutions Ltd.

Concluding Remarks by Mr. Deependra Kashiva, Director General, SIMA

18:30 | Cocktail Dinner

Speakers



V K Saraswat
Member
NITI Aayog



Nagendra Nath Sinha
Secretary
Ministry of Steel



Ruchika Chaudhry Govil
Addl. Secretary
Ministry of Steel



Abhay Bakre
Director General
Bureau of Energy Efficiency



Ashish Anupam
Vice President
Tata Steel Long Products Limited



Amitava Mukherjee
CMD
NMDC Limited



Jayant Acharya
Jt. MD & CEO
JSW Steel Limited



V R Sharma
Vice Chairman
JSP Group Advisory Services



Rajesh Gupta
Managing Director
Lloyds Metals and Energy Ltd





Dr. T Bhaskar
Chief Technology Officer
Tata Steel Limited



M V Subba Rao
Advisor Welspun Corp Ltd
Former CMD, KIOCL



Christian Reuss
Head of Customer Success
Metalshub



M Zampa
Deputy CTO
Danieli Group



Naveen Ahlawat
Head – Power to X
Jindal Steel & Power Ltd



Biswadeep Bhattacharjee
VP Sales & Marketing and Head of
Green Steel, Primetals Technologies



Ravi Singh
CEO
Sulb Company



Sumit Kishore
Executive Director (Mktg)
GAIL (India) Ltd



Amita Khurana
Group Chief – Raw Materials
Procurement, Tata Steel Limited





Praveen Chaturvedi
VP & Head India
Tenova Technologies



Prof. Shabina Khanam
IIT Roorkee



John Atherton
Secretary General
IIMA



K Prasad
Director
Star global LLC



Saurabh Diddi
Director
Bureau of Energy Efficiency



Suneet Kochhar
Vice President
RawMet Resources Pvt Ltd



Prakash Tatia
Director
Welspun Speciality Solutions Ltd



Girish Sethi
Senior Director
The Energy & Resources Institute



Parmjeet Singh
Addl. Indl. Advisor
Ministry of Steel





Harsh Choudhry
Co-founder & CEO
Sentra World

sentra.world



Abhijit Narendra
Joint Secretary
Ministry of Steel



Rahul Mittal
Chairman SIMA & MD
Janki Corp Ltd



Gajraj Singh Rathore
VC, SIMA & Whole Time Director &
Group COO, JSW Steel Limited



Deependra Kashiva
Director General
SIMA



Swapnil Patil
Head - Iron ore & Sponge Iron
Trading, Tata International
Limited



Sanat Ganguli
Head – Iron Making, DRI,
Dealer & Foundry Business,
RHI Magnesita India Ltd.



Sponsorship Benefits

Sponsorship Benefits	Principal	Platinum	Gold	Silver	Associate	Exhibitor
Video Display about the Company at the conference	Yes (Max 3 min)	Yes	No	No	No	No
Meeting Room in the Conference Venue Hotel	As per availability	No	No	No	No	No
Exhibition Space	1 Stall As per availability	1 Stall As per availability	As per availability	As per availability	No	Yes
Advertisement in the Event Book	Premium	Premium	One Full Page	One Full Page	No	No
Complimentary Delegate Passes	6	5	4	3	2	2
Logo in Conference Promotion Video	As per Hierarchy 1st	As per Hierarchy 2nd	As per Hierarchy 3rd	As per Hierarchy 4th	As per Hierarchy 5th	No
Acknowledgement & Thank you note during the time of Conference	Yes	Yes	Yes	Yes	Yes	Yes
Company Profile & Logo in the Website of the Conference with Direct link to your Company Website	As per Hierarchy 1st	As per Hierarchy 2nd	As per Hierarchy 3rd	As per Hierarchy 4th	As per Hierarchy 5th	No
Company Logo on the BackDrop of the Stage	As per Hierarchy 1st	As per Hierarchy 2nd	As per Hierarchy 3rd	As per Hierarchy 4th	As per Hierarchy 5th	No
Company Logo in Promotional Emails & Social Media Promotions as per Hierarchy of Sponsorship	As per Hierarchy 1st	As per Hierarchy 2nd	As per Hierarchy 3rd	As per Hierarchy 4th	As per Hierarchy 5th	No
Top Tier Recognition on Promotional Materials of the Conference as per Hierarchy of Sponsorship	As per Hierarchy 1st	As per Hierarchy 2nd	As per Hierarchy 3rd	As per Hierarchy 4th	As per Hierarchy 5th	No
Company Brochure in the Delegate Kit	Yes	Yes	Yes	No	No	No
Amount (INR) (Taxes as applicable)	10 Lac	7 Lac	5 Lac	3 Lac	2 Lac	TBA

Delegate Fee

Per Delegates Fee	INR	Last Date
Super Early Bird	10,000*	10th Feb 2024
Early Bird	12,500*	2nd March 2024
Standard	15,000*	10th March 2024
On Spot	18,000*	11th March 2024

For SIMA Members Contact:
Ms. Theresa Francis | dkedsima@gmail.com | +91 85279 81743

* 18% GST applicable

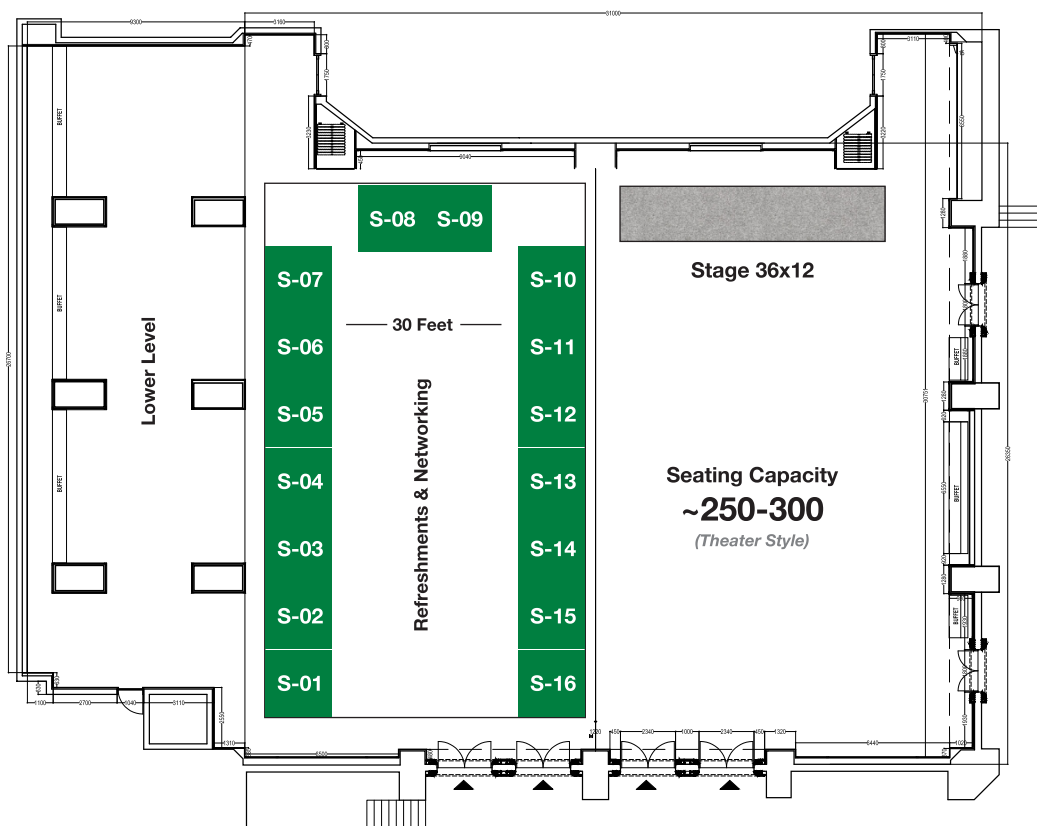
Bank Details

Bank Name: Indian Overseas Bank
Address: 14/15 Farm Bhawan,
Nehru Place, New Delhi 110019, India
Beneficiary: Sponge Iron Manufacturers Association
Current A/C No. 054302000001918
IFSC Code: IOBA 0000543
SWIFT Code: IOB AIN BB 543

BigMint Technologies Private Limited
(formerly SteelMint Info Services LLP)
Bank Name - HDFC BANK
CURRENT A/c - 50200044893540
IFSC Code - HDFC0000152
Branch: Devendra Nagar
City: Raipur (C.G.)

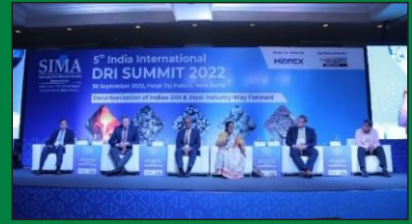
Stall Layout

Le MERIDIEN
NEW DELHI



 3x3 Octanorm Stall

Glimpses of 5th India International DRI Summit 2022



CONTACT OUR TEAM

(Sponsorship & Exhibition Enquiry)



Ms. Theresa Francis
dkedsima@gmail.com
+91 85279 81743

(Sponsorship Enquiry)



Mr. Nitish Shukul
nitish.shukul@steelmint.com
+91 83693 62982

(Exhibition Enquiry)



Mr. Ajeet Singh
ajeet.singh@steelmintgroup.com
+91 90092 22344

(Delegate Enquiry)



Mr. Faizan Raza
faizan@steelmint.com
+91 95751 00430

(Hotel Booking)



Ms. Mamta Fulara
mamta.fulara@incredible-travel.com
+91 99999 09384