



**INTERNATIONAL
BUSINESS
SUMMIT**

MARRIOTT BANGKOK MARGUIS QUEEN'S PARK

**21ST
&
22ND**

AUGUST 2023

POST CONFERENCE REPORT

BANGKOK 2023





MATERIAL RECYCLING ASSOCIATION OF INDIA
Voice of the Indian Recycling Industry



REDUCE. REFUSE. RECYCLE.

JOIN THE MOVEMENT



CONNECT WITH US:



Contributing towards fructifying shared visions

Sanjay Mehta

President, MRAI

“

The launch of MRAI's first International Business Summit in Thailand, the nerve centre of a geographical location where the east and west meet, is an auspicious occasion for all of us. Especially at a time when the Southern countries are getting more in the reckoning in the affairs of the world and its economy.

The largest democracy of the world, India is leveraging its position and energies to become the engine of growth not only for the country of 140 crore Indians, but also for the world by making in India and making for the world.

Our businesses used to provide us for our sustenance. Besides giving us profits, it now provides us a special status and a responsibility.

Between India and the South East Asian Countries there are many things in common. Let us hope this event also helps to contribute towards fructifying our shared visions - towards Recycling and the promises it has towards Society, Environment, Circular Economy and their Sustainability.

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MATERIAL RECYCLING ASSOCIATION OF INDIA

Voice of the Indian Recycling Industry

ABOUT US

- Represents recycling industry in its entirety
- Membership of over 1400 stakeholders
- Collective strength of over 20,000 MSMEs
- Employs 25 lakh directly & indirectly
- Liaising network with Govt. of India and other regulatory authorities to facilitate industry growth
- Close association with national and international associations like ISRI, BIR, BMR, CMRA, EuRIC, BMRA, etc.
- Regularly conducts awareness programmes and conferences

OUR VISION

- To represent the Recycling Industry to Government and to address and resolve issues
- To promote all types of Recycling within India
- To obtain official Industry status for the Recycling Industry in India
- To promote and spread awareness regarding Recycling in India
- To promote Recycling as curriculum in educational institutions
- To set up Circular Economy Parks in the country
- To help promote R & D and technological upgradation of domestic Recycling Industries
- To establish dedicated Government Department to look after Circular Economy initiatives
- To promote minimum recycling content in finish products

Spreading the message of Recycling

Amar Singh

Secretary General, MRAI



“

What was started with an informal discussion about organising a conference internationally, thanks for your support and overwhelming response we have reached here with the record number of 750 delegates making it a huge event and truly in the spirit and style of MRAI.

We as Recyclers are the real super heroes. As recyclers we are the real contributors for better environment, creating huge job opportunities for youth of the country and creating various other socio economic benefits to our nation.

The biggest threat to our future is climate change and we are the only one community in this planets which is capable of lowering down its effect.

The importance of conserving our precious natural resources and living in harmony with nature are emphasised in our ancient scriptures. The need of the hour is to tap into that ancient wisdom and spread the message of recycling to as many people as possible.

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THE PLENARY SESSION



H.E. MR NAGESH SINGH
Ambassador of India to the Kingdom of Thailand



MR. SANJAY MEHTA
President, MRAI



MR. AMAR SINGH
Secretary General, MRAI



Made in India, Made for the World & Delivered in Bangkok



When, on August 21-22, 2023 the Asian metal recycling industry converged at the Thai capital of Bangkok for the Material Recycling Association of India's (MRAI) first Southeast Asian Business Summit, it saw the confluence of a multitude of influences and energies.

The event saw a turnout of 750 delegates, more than double the number of delegates originally expected to be registered for the maiden venture at a faraway land.

It also brought into play the confidence and organisational skill sets of the decade old organisation, which has so far organised 10 International Material Recycling Conferences

across that many metros in the Indian subcontinent. The last one held in Kochi in February this year, saw an overwhelming presence of over 1800 delegates from across 350 countries across the globe.

And the settings and background score of the show was nothing short of perfect. The event was set amid a huge capacity build up in steelmaking in Southeast Asia. Besides the huge capacity expansion programmes in India and Bangladesh, it includes 30 million tonnes per year in Malaysia, of which 21 million tonnes per year is expected to start production in 2024.

"As business continue to develop



innovative ways to use waste and byproducts and consumer demand for green products grows, India is ready to transform business operations and business models, backed by strong Government support and attractive investment incentives,” observed H.E. Mr. Nagesh Singh, Ambassador of India to the Kingdom of Thailand, during his special address at the Plenary Session.

His insights and outlook of the economic landscape and the diplomatic and trade relations between the two nations and other countries in the region were noteworthy as they were moral boasting.

“I sincerely believe that this is an ideal moment to invest in India’s Circular Economy industries,” he observed in the same confidential tone of his Government which has initiated various ‘East Looking’ policy initiatives to further cooperative developments between India, Thailand and other neighbouring countries in the region.

“Whether it is Circular Economy, Sustainability, Green Earth, ESG or Carbon Reduction, we, as Recyclers, show the world the way forward. Finally, our time has come to lead, to guide and to contribute. As recyclers, we are the torchbearers to the world at large,” said MRAI President, Sanjay Mehta, during his address at the inaugural function. It was truly a dream come true for Mr Mehta and his group of MRAI directors and Secretary General, Amar Singh.

At the outset of the programme, Mr Singh set the tone for the proceedings to follow by making a passionate narration of MRAI and its various strides and accolades during the last 12 years.





MR. TARUN KUMAR DAGA
CEO, Tata Steel (Thailand)
PCL



MR. ZAIN NATHANI
Vice President, MRAI



MS. JOANNE LIU
Asst. to Secretary General,
CMRA



MR. ERIC TAN
Founder & President,
Malaysia Non-Ferrous
Metals Association



GLOBAL RECYCLING INDUSTRY: THE WAY FORWARD



Going global south

The session that followed the well appreciated first session of the plenary was quite a power packed one with arguably the who is who of global recycling industry who took up the podium for their respective take on Global Recycling Industry and the way forward.

Dhawal Shah, Senior Vice President, MRAI did not disappoint anyone when he shared his incisive thoughts on the global market with special emphasis on important pain points like the looming CBAM and its possible effects on the recycling industry as a whole.

He also spoke on the need for all recyclers to improve their existing systems to align with the global compliance requirements. The session grew quite engaging when it proceeded to dwell with important issues

such as the cyclical movement of the global markets, the need for the decarbonisation of the steel sector, the restrictive import and export policies of the global markets, China's policies on its non-ferrous production.

Wirote Rotewanachai, President, Iron and Steel Institute of Thailand, talked in detail about the 'Future of Secondary Steel Industry: Global perspective'.

Zain Nathani, Vice President, MRAI, had an engaging reception to his updates on Indian Steel Policy.

Talking about 'Malaysian Raw Material Sustainability: Future Prospects', Founder & President, Malaysia Non-Ferrous Metals Association, Eric Tan introduced the nuances of the industry practices there.

Tarun Kumar Daga, CEO, Tata Steel

TRY:

RAJ LAXCON
LAXCON STEELS LIMITED



MR. DHAWAL SHAH
Sr. Vice President, MRAI



MS. CAROLINE
CRAENHALS
Directie, Belgian Scrap
Terminal NV



MR. WIROTE
ROTEWATANACHAI
President, Iron and Steel
Institute of Thailand



(Thailand) PCL took at the stage to deliberate on 'Decarbonisation: Opportunities & Challenges in Southeast Asian Market', which was followed by Ms. Joanne Liu, Assistant to Secretary General, CMRA, who succinctly gave an overview of 'China's Demand prospects for Secondary Metal Industry.'

'EU's policy initiative on recycled material' was a perfect topic to discuss for Ms. Caroline Craenhals of Belgian Scrap Terminal NV. Her disposition helped the audience to get a grounding on the emerging regulatory regime in European Union.

"It is the need of the hour for the leaders to lead with the ends in mind," was the overall message for the audience to take away from the summit. It was quite clearly conveyed that the new products pushed in the market need to be created with the circularity in mind and what is produced should be able to be recycled at the end of its life so that it may have a new life on recycling.



TECHNOLOGY TRANSFORMATION IN ASIAN MARKET



MR. JULIAN EGLINTON
EVP Sales, Danieli Co. Ltd



MR. SUNEEL KULKARNI
Executive Director,
Electrotherm (India) Limited



MR. NARONG LIMASTIAN
Country Head,
Primetals Technologies



DR. SUDHIR GUPTA
Director,
Advance Hydrau Tech Pvt
Limited



Getting onboard

Technology and the transformations that it has been bringing on to the table are interesting topics at any conference. It was also the same at MRAI's first international summit that got underway Bangkok.

The Asian Market is also not an exception to technological developments were evident from the industry participation at this major event of the first day of the summit. The session saw various technologies getting talked about.

The Panel Discussion on 'Technological Transformation in Asian Market to reduce CO2 Emissions' saw EVP Sales of Danieli Co. Ltd, Julian Eglinton enlightening the audience with the various innovative products that the Italian giant Danieli Co. Limited had to offer to the recycling fraternity for the production of Green Steel.

This was followed by a dialogue by Suneel Kulkarni, Executive Director, Electrotherm (India) Limited. The furnace expert apprised the gathering with excellent information on

the workings of the induction furnace and the electric arc furnace and how the induction furnace is the better alternative with a much lower carbon footprint.

Dr. Sudhir Gupta of Advance Hydrau Tech Pvt Limited took ahead the session with his take on the recycling machinery segment in India. He informed the delegates with the various sunrise technologies offered by his company Advance Hydrau Tech Pvt Limited such as cold refining and specially explaining the concept of the 5T model for improvement in the production.

The session concluded with Narong Limastian, Country Head, Primetals Technologies illustrating how hydrogen would be a better alternative to the use of Natural gas to supply power to the electric arc furnace for melting of the scrap in production, leading to lower carbon emissions.

Commodore (Retd) Sujeet Samaddar complimented the session presentations with his adept handling as a moderator.

STAINLESS STEEL INDUSTRY: KEY DRIVERS, CHALLENGES & OPPORTUNITIES

When decarbonisation held sway

As the opening day proceed to close the day, the Summit witnessed an interesting session on 'Stainless Steel Industry: Key drivers, Challenges & Opportunities'.

It got to a rousing start with Jayprakash Sahu of SteelMint enlightening the delegates with his perspective look on the steel sector and how the decarbonisation and reduction of the global CO2 emissions was a major requirement of the hour.

The Panel Discussion on 'Challenges & Opportunities in Stainless Steel Industry for Achieving Sustainability' brought Oryx Stainless

Group's CEO, Tobias Kaemmer who shared his insights on the European steel sector. He was full of appreciation of the Indian Steel industries which are knowledge driven and operationally efficiency due to being family-owned businesses. He then shared on the growing importance of decarbonisation and prioritization of ESG issues. Vishal Wadhwa, General Manager of Procurement, Jindal Stainless Limited followed with his presentation on the global stainless steel scrap trade and helped decode the Environment, Social

and Governance of the ESG detailing how carbon emissions are calculated.

The session also got benefited from the insightful questions from the delegates.

Asian stainless steel producers are likely to add more scrap into their melt shop mixes as the world pays increasing attention to the carbon footprint of metals production, it was understood.

The prevailing story line in the stainless steel sector has been the rise of nickel pig iron (NPI) as melt shop feedstock in Asia while stainless steel scrap predominates in Europe and Asia. That story line appears to be in the midst of changing with ensuing developments across the countries in the region.

The looming CBAM, which includes an auditing process that could start this October, is already prompting big ticket investments, according to Mr Kaemmer. He predicted scrap quality and demand will continue to rise, with producers of goods such as automobiles and dishwashers beginning to market the low carbon footprints and recycled content of their finished products.



MR. GOPAL GUPTA
Managing Director,
Laxton Steels Ltd.



MR. TOBIAS KAEMMER
CEO, Oryx Stainless Group



MR. VISHAL WADHWA
GM of Procurement,
Jindal Stainless Limited



MR. JAYPRAKASH SAHU
AGM, Scrap & Recycling,
SteelMint





WILL ASIA TAKE THE CENTRE STAGE FOR SECONDARY FERROUS INDUSTRY



MR. S K GUPTA
CMD, MSTC Limited



MR. AAMEIR ALIHUSSAIN
Managing Director, BSRM



MR. YOGESH MANDHANI
President, AIIFA



MR. SANJAY MEHTA
President, MRAI



MR. LEE ALLEN
Strategic Markets Editor,
Scrap, Fastmarkets MB



MR. PUNEET PALIWAL
Senior Analyst, CRU



MR. OSAMA NADEEM
Owner, Better Deals



MR. GOVIND GOYAL
CEO, Kalika Steel Alloys
Pvt Ltd



MR. KEYUR SHAH
CEO, Mono Steel India Ltd.



Of changing power equations

The format of having two presentations followed by panel discussions comprising eminent panel of industry stalwarts helped the sessions to bring the entire gamut of aspects with reference to the question that is on everyone's mind: Will Asia take the Centre Stage for Secondary Ferrous Industry?

Lee Allen, Strategic Markets Editor of Scrap at Fastmarkets presented an expansive update on the Secondary Ferrous Industry in Southeast Asia Region, while the panel discussion that followed took up the demand and capacity scenario in secondary steel in the emerging eco system.

It was followed by Puneet Paliwal, Senior Analyst of CRU, who tried to elucidate the Future of Green Steel, both from the Global and Indian Perspectives.

MRAI President Sanjay Mehta, SK Gupta of MSTC Limited, Yogesh Mandhani of AIIFA, Aameir Alihussain of Bangladesh based BSRM, Osama Nadeem of Better Deals from Pakistan, along with Keyur Shah of Mono Steel India Ltd and Govind Goyal of Kalika Steel Alloys Pvt Ltd helped to give the audience a comprehensive view of the evolving dynamics of the emerging market in the South East Asian Region.

Mr Allen referred to India as “clearly the No.1 importer” of ferrous scrap in South Asia, with its import volumes having surged past those of neighbouring Bangladesh and Pakistan.

He, citing a forecast by his colleague Alexander Kershaw, said ASEAN countries (the Association of Southeast Asian Nations, which includes Malaysia, Thailand and Indonesia) will need more than 10 million metric tonnes of imported ferrous scrap by 2032.

The beauty of the session was that it gave equal representation to India, Bangladesh and Pakistan. At the event organised at the Thai capital of Bangkok, Mr Gupta was found to be quite optimistic about future where he projected a growth in Indian imports, from 10 to 12 million metric tonnes per year by 2030.

The MSTC CMD gave his views on the current shortage of scrap in India and explained how MSTC was a major player in the Indian scrap trade with a movement of about 1.6 million tonnes of scrap from their dedicated ecommerce portal.

Aameir Alihussain of steel producer BSRM in neighboring Bangladesh said his country is poised to need more imported scrap, adding that more electric arc furnace (EAF) steel capacity is coming online. According to him, Bangladesh's sizable ship dismantling sector is able to generate just 10% of the scrap such mills need. “We will need to keep

importing,” he stated.

Representing Pakistan, Osama Nadeem of trading firm Better Deals, gave an overview on the Pakistan economy, which, he said, is expected to come out of the present stagnancy quite soon.

The discussion then shifted to the rise in role of India in the Southeast Asian region and whether it would become the new benchmark for ferrous prices. Mr. Metha explained the various business factors that are always at play to keep the prices in India lower than others in the region.

“We see scrap shortages in the future in Asia,” was the concluding remark by Mr Allen.

In his presentation on Green Steel, Mr. Paliwal tried to trace the evolution of the trending development and explained what is Green Premia and how it could play the industry in the coming decade.

Steel makers like Mr Mehta, Mr Mandhani, Mr. Alihussain, Mr Shah, and Mr Goyal shared the august audience their valued opinions about the various challenges that could arise during the production of Green Steel. For example, while Mr Mandhani opined that its production would attract higher costs, Mr. Mehta suggested that the Government should be lobbied to allow charging a premium for green steel products to offset the increase in costs.





HOW IS SOUTH ASIAN NON FERROUS MARKET POISED FOR FUTURE



MR. JAYANT JAIN
Director, GR Metalloys
Pvt Ltd



MR. NAVEEN SHARMA
Executive Director,
Gravita India Ltd.



MR. CHI HIN LING
Asia Editor, Argus Media



MR. GRAEME CAMERON
Global Head- Trading,
SIMS Metal



MR. DEVENDRA SURANA
MD, Bhagyanagar Copper
Pvt Ltd



Getting the market dynamics right

The session on 'How South Asian Non Ferrous Market is poised for future' was a lively one with both the panellists and audience getting engaged and with moderator duos Amar Singh of MRAI and Vinay Sharma of GDB ably assisting them with interesting questions. It was preceded by Chi Hin Ling, Asia Editor, Argus Media who deliberated on market updates on Secondary Non Ferrous Industry in Southeast Asia.

The Panel Discussion look up the topic of 'Ensuring Raw Material Security for Secondary Non Ferrous Industry' for debate. Jayant Jain of GR Metalloys Pvt Ltd, Graeme Cameron from SIMS Metal, Naveen Sharma of Gravita India Ltd., Devendra Surana of Bhagyanagar Copper Pvt Ltd provided industry perspectives from their respective areas.

Mr Ling explained the price pressures of the metal markets and on how India's demand for imported scrap was to remain strong.

Mr Jain showed his legal acumen with his views on the BIS standards on Aluminium while Mr Surana shared his thoughts on the entry of big players in Indian copper market. Mr. Sharma

provided light on the EV industry and the emerging demand situation for batteries in the Indian subcontinent.

Mr Cameron of SIMS Metal updated the delegates with his vast knowledge to dwell on meeting the demands of scrap metals for US and India exports.

Mr Singh and Mr Sharma duo engaged audience who were very forthcoming with clarifying their doubts from the esteemed panel members.



RED METALS: PRESENT AND FUTURE

Red hot and going great



The session on red metal turned out to be quite an engaging session of the day with Brian Taylor, Senior Editor of Recycling Today moderating it to maximum advantage of the waiting audience.

Mr Taylor, in his charismatic best raised some pertinent questions related to the supply trends for copper scrap. Jane Chen, CEO of C&Y Global Inc. laid the ground explaining how the USA is transitioning itself into a Green Economy with active promotion of domestic sector in elective vehicles, solar, wind power generation requiring greater demand for copper. The same thought was carried forward by Brad Miller, International Trading Manager, DJJ Singapore Pte Ltd. He put focus on the increase in demand for copper across the United States wherein the companies were making significant investments in technology for recovery of lower grade copper from scrap leading to increase in the scrap staying in the US instead of being exported.

The discussion continued with excellent inputs from Mr. Jawed Ahmed, Chairman & CEO, Al-Qaryan International DMCC, who spoke at length on global availability of copper and looked at different scenarios leading to increase in scrap generation in areas which earlier did not have the technology for refining of lower grade copper in light of circular economy and ESG.

The discussion then shifted to the business prospects in Thailand as stated by Mr. Ready Huang, General Manager of Asia Division, Ningbo Jintian Copper (Group) Co., Ltd. who have a very massive presence in Thailand. He briefed the audience about the various benefits that Thailand has to offer for business, including great infrastructure and an easily trainable workforce.

Mayank Pareek, Director, Jain Recycling Pvt Ltd. took up for discussion the ASEAN trade agreement with India. He was able to highlight some very interesting aspects in relation to copper trade.



MR. JAWED AHMED
Chairman & CEO, Al-Qaryan International DMCC



MS. JANE CHEN
CEO, C&Y Global Inc.



MR. MAYANK PAREEK
Director, Jain Recycling Pvt Ltd



MR. READY HUANG
GM of Asia Division,
Ningbo Jintian Copper (Group) Co., Ltd.



MR. BRAD MILLER
Int. Trading Manager, DJJ Singapore Pte Ltd.



SEE YOU
at



123) 24 & 25 JANUARY 2024, BISWA BANGLA MELA PRANGAN, KOLKATA, INDIA



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Voice of the Indian Recycling Industry

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