

**SCRAP RECYCLING
CONFERENCE**
— Emerging Markets —

SteelMint[®]
Events



AUTO RECYCLING IN INDIA

A High Potential Opportunity

ITC MAURYA, NEW DELHI
[09-10 September 2016]

With increasing number of vehicles on Indian roads, proper management, treatment and disposal of vehicles at their End-of-Life has become top priority. There's high emphasis to make scrapping of vehicles safer and environment-friendly. It is gaining pace after National Green Tribunal (NGT) ordered a ban on 10-year old diesel and 15-year old petrol cars in Delhi.

- Government of India is drafting a new scrapping or end-of-life policy that will provide incentives to the owner for surrendering an old polluting vehicle.
- The government's proposed policy may push over 28 million vehicles off the road.
- About 8-9 million vehicles are initially expected to come for recycling, which may double by 2020.
- An average car has 65-70% Steel scrap, 7-8% Aluminum scrap, 1.5 % Copper and 15-20% Rubber and Plastics.
- India imports about 5-6 million tonnes of steel scrap, 0.8 million tonnes of Aluminium scrap and 0.2 million tonnes of copper scrap.
- India to be world's 3rd largest car market by 2020.



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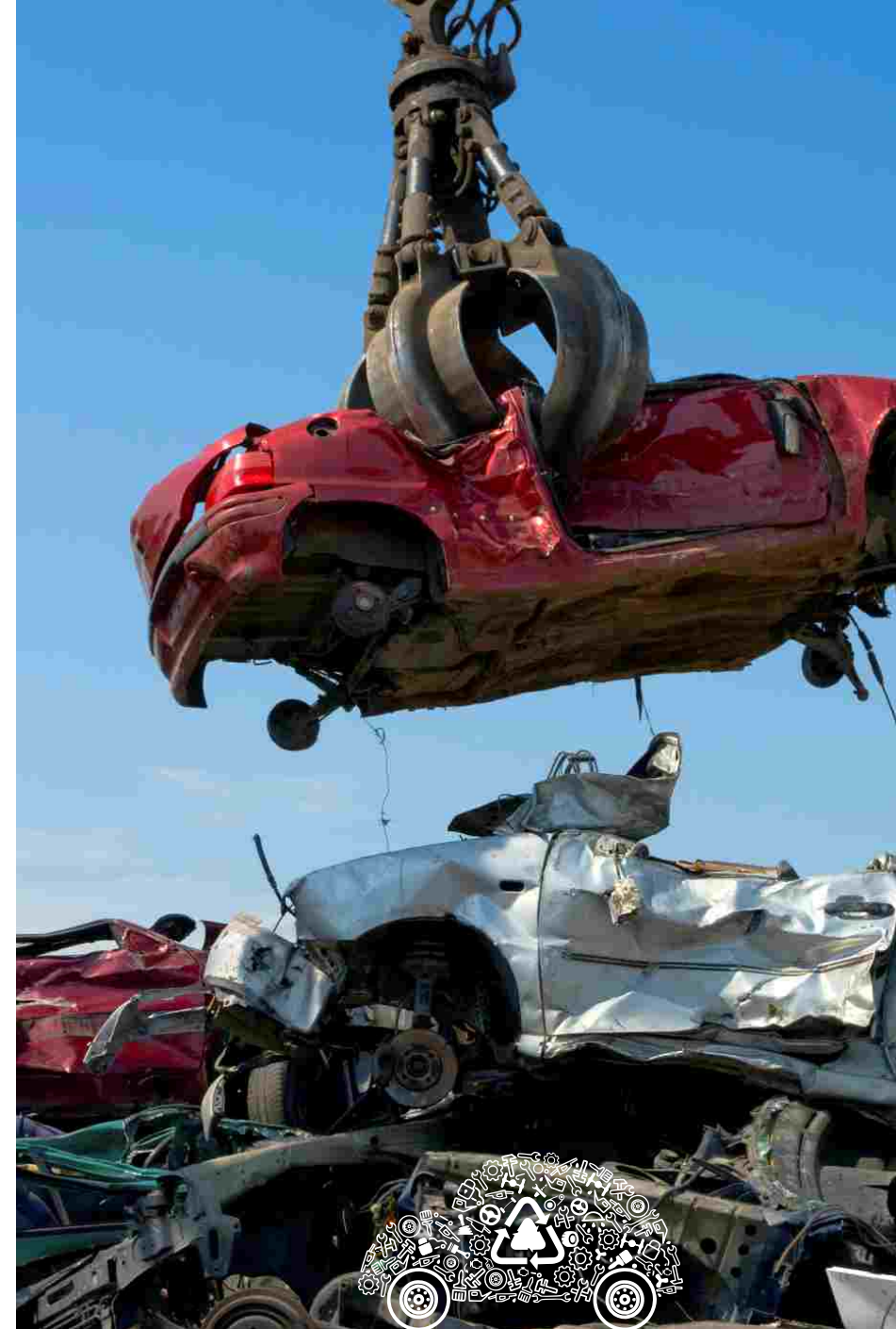
A Multi-Billion Dollar Business

Recycling vehicle will not only help conserve environment, but also open avenues for scrap recycling in India. Experts claim it could be an industry worth billions of dollars.

- An average car weighs 1400 to 1600 kgs, which generates about 950 kgs of Steel Scrap, 105 kgs of Aluminium Scrap, 20 kgs of Copper Scrap and 200-250 kgs of Plastics and Rubber scrap.
- At current scrap prices, a passenger vehicle can fetch around INR 25,000-30,000 (USD 380-450).
- Assuming 3 million cars come for recycling; this can generate total business of 1.2 billion dollar.
- Mahindra Intertrade has signed an MoU with government owned MSTC to set up India's first auto shredding unit

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Auto Recycling in Developed Nations

The global rate of ELV generation is increasing and there is a need to ensure that these ELVs become resources for future automobile manufacturing.

Over 30 million vehicles are recycled every year.

United States: The famous \$3 billion US federal 'cash for clunkers' scheme succeeded in improving fuel efficiency by 58% in the country.

United Kingdom: The UK introduced a scrappage incentive scheme in the 2009 budget whereby scrapping a car more than 10 years old allowed for a £2,000 cash incentive with the money being shared equally between the government and the auto industry.

Japan: Japan introduced a program for 1 year from 1st April 2009 onwards, offering up to 250,000 yen (USD 2,500) to trade in vehicles 13 years old or more for new environmentally friendly cars.

Germany: The largest scrappage scheme ever, Germany paid a premium of €2,500 (USD 3,320) to every owner of a car older than nine years when buying a new car.

China: China substituted an estimated 2.7 million high polluters from the national car fleet by offering rebates of \$450 to \$900 from June 2009 to May 2010.

Malaysia: Launched in 2009, a scrappage scheme paying at least 10 years old vehicle owners MR 5,000 (\$1,354). The incentive was shared equally by the government and auto makers.

Region	No of Vehicles Recycled	Policy Since	Steel Scrap Generation in 2015 (MnT)
EU	9 million	2000	102
US	12-15 million		66
Japan	5-6 million	2005	41
China	5-6 million	2008	81
India	3-4 million*	Yet to come	13

* Potential



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A large, chaotic pile of crushed and mangled cars in various colors (red, blue, silver) at a recycling facility. The cars are stacked and crushed, showing significant damage to their bodies and interiors. The background is a clear, light sky.

Can India be the **Next US, Europe or China** in Auto Recycling?

About the EVENT

On the back of an increasing need to contain pollution from old decaying vehicles in India, the Ministry of Road Transport & Highways is proposing a voluntary vehicle modernization policy which will incentivize owners for surrendering their decade-old vehicles.

The proposed policy may immediately push over 28 million vehicles off the roads. And this could generate steel scrap worth Rs 320 billion. Experts estimate it will also boost automobile industry turnover by over 4 times to Rs 20,000 billion.

As India's first scrap recycling conference, it is an opportunity to find out more about the end of life vehicle policy and the change this could bring in how and how much steel is produced & consumed in the country. It will include discussions on ferrous & non-ferrous scrap and its application in a thriving automobile industry.

Know more ABOUT

- 👉 Indian government's policy on Vehicle Recycling
- 👉 Market potential for Vehicle Recycling in India
- 👉 Commercial viability of the project in India
- 👉 Vehicle Recycling in developed nations Vs India
- 👉 Technologies for Vehicle Recycling
- 👉 Waste Management
- 👉 MSTC's role in Auto Shredding in India
- 👉 Impact of Recycling on Indian steel and sponge iron industry
- 👉 Avenues for non ferrous scrap recycling in India

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S P E A K E R S



SK TRIPATHI
Ex-CMD, MSTC

SK Tripathi is the Ex-CMD of MSTC Limited, who has been instrumental in pushing Auto Shredding in India. Under his leadership, MSTC signed a MoU to establish India's first auto shredding unit in Gujarat. Along with MRAI, MSTC under Ministry of Steel has also initiated to frame a Metal Recycling Policy for India.



SANJAY MEHTA
President, MRAI

Sanjay Mehta is the present President of Metal Recycling Association of India (MRAI), the national association representing India's ferrous and non-ferrous metals recycling industry. He has been strongly pushing for 'Industry Status' to Recycling Industry in India and is also assisting Ministry of Steel in framing a recycling policy.



ANUBHAV WADHWA
CEO & Founder, Tyrelessly

Anubhav Wadhwa is a 17-year old technology entrepreneur and bottom of pyramid sustainable development activist. He is the Founder & CEO of Tyrelessly which provides an environmentally compliant End-of-Life Tyre collection and disposal service. At the age of 13, Anubhav was named one of the youngest CEOs in the country for his first entrepreneurial venture TechAPTO.



SUMON CHOWDHURY
Chairman, RRM Group,
Bangladesh

Sumon Chowdhury is the chairman of a leading steel manufacturing group in Bangladesh – Rani Rerolling Mill Group with interest also in real estate, hospitality, automobiles and other businesses. Bangladesh currently imports over 1.2 million tonnes scrap annually.



Vijay Arora
Vice President - Strategy,
Operations & Business Development
Mahindra Intertrade Limited



Alekh Tiwari
Director, KPMG
Management Consulting



Keegan Vas
Head of Sales & Marketing -
MENA, India & Turkey
Metso Recycling

& more to join

*Verbal Confirmation

SCHEDULE

Day I

Friday, 09 September 2016

🕒 18:30 hrs
Registrations Open 

🕒 19:00 hrs
Exhibitions Open 

🕒 20:00 hrs
Cultural Program 

🕒 20:30 hrs
Networking Cocktails & Dinner 

Day II

Saturday, 10 September 2016

🕒 9:00 hrs
Registrations Open 


🕒 10:00 to 11:30 hrs

Session I: Vehicle Recycling in India: Need of the Hour

- Auto Recycling Need of the Hour
- Why Auto Shredding?
- Auto Recycling in India - The Plan & Policies
- Make in India - Will India achieve 300 mnt Steel Capacity Target? How?

Presentations to be followed by Panel Discussion

🕒 11:30 to 12:00 hrs

Networking Tea Break 

🕒 12:00 to 13:30 hrs

Session II: Auto Recycling: India Plan, Policies & Potential

- Business Potential of Auto Recycling in India? (Ferrous & Non ferrous)
- Vehicle Recycling in India - Challenges & Opportunities
- Role of MSTC in setting up Collection Centres, Shredding Units
- Entry into Scrap Processing Business in India
- Government Policies on BS Norms, ELVs, VVMP

Presentations to be followed by Panel Discussion

🕒 13:30 to 14:30 hrs
Networking Lunch Break 

🕒 14:30 to 16:00 hrs

Session III: Auto Shredding Around the World & Recycling Technologies

- Will India become US or Europe in the next 5 years?
- Vehicle Recycling in Developed Nations
- Technologies for Vehicle Recycling
- Bangladesh to increase Scrap Consumption

Presentations to be followed by Panel Discussion

🕒 16:00 to 17:00 hrs

Session IV: Panel Discussion

- How will Vehicle Shredding increase Steel demand in India?
- Will Bulk imports of Scrap to India continue?
- Will China become a Net Exporter of Scrap?
- What will be the impact of increased Scrap supply on Sponge industry?

🕒 17:00 hrs

Vote of Thanks 

Networking Tea 

Expected COMPANIES

Aadi Group | ACE EXIM | Ace Ship Recycling | ADANI GLOBAL ADVANCE HYDRAU TECH | AKG Exim | AKJAY INTERNATIONAL | Al Ahmadi General Trading | AL QARYAN GROUP | Al Zarooni Al Khwaja ALQ EXPORTERS | Amtek Auto | ASCORP | Aseem Trading FZE | Asiaglobe Trade Consortium | AWP METALS | Awp Metals BELCHINA GROUP | Belgian Scrap Terminal NV | BRAHMPUTRA METALLIKS | Brightsun Marine | BUOYSAIL TR | Bureau Veritas | CARGILL | Cellpap India CMC ASIA | Colossus Trade Links | COTECNA INSPECTION | Duferco Asia EMR Group | GBR METALS | Gemini Corporation | GLENCORE | Global Metcorp GMS | Golden Kingdom Holdings | GOLDLINE WORLDWIDE | Guardian Steels Hanwa India | HUMBER INSPECTION INTERNATIONAL | Hyundai Corporation IMT RECYCLERS | Indicaa Group | ISPAT EXPORTS | Jaguar Steel & Coal Jain Hydraulics | JFE SHOJI TRADE | Kamachi Group | KRISHNAPATNAM PORT LEELA TRADE STEEL & COMMODITIES | Liberty House Macsteel International | MAERSK LINE INDIA | Mediterranean Shipping Co METCO MARKETING | Metso India | MG TRADE SERVICES | Mitsui & Co MJR Steels | MTC GROUP | Nathani Industrial Services | NAVNEETA STEELS OM SYNERGIES | One Steel Recycling | PRIME VISTA Pan Gulf International General Trading | R SINGH & ASSOCIATES RKG INTERNATIONAL | Sackers Recycling | SCHNITZER RECYCLING Scholz Holdings | SICON | SIMS Metal Management SOJITZ CORPORATION | SVP International | SWISS SINGAPORE OVERSEAS Tata International | TOYOTA TSUSHO | TSR Recycling | UIL COMMODITIES VILMEKS | Vital Solutions | WALFORD INTERNATIONAL GENERAL TRADING Wall Fort Qatar | WARD RECYCLING | Zeus Overseas

& many others

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Who should ATTEND



Shredders



Scrap Suppliers



Steelmakers



Automobile Makers



Shredding Tech. & Equipment Suppliers



Scrap Baling Presses Suppliers



Waste Management Companies



Collection & Transportation Companies



Importers & Exporters



Indenters



Ship Breakers



Engineering Companies



Investors & Financiers



Consultants



REGISTRATION FORM

SCRAP RECYCLING CONFERENCE - Emerging Markets

09-10 SEPTEMBER 2016 | New Delhi, India

The easiest way to register is online at events.steelmintgroup.com/registration

EARLY BIRD FEE

₹ 14,950+Tax
(till 05th August, 2016)

STANDARD FEE

₹ 18,950+Tax
(till 30th August, 2016)

Fee includes: 1. Attendance to all Conference Sessions & Exhibition 2. Access to Conference Documents including copies of all available Speaker Presentations 3. Delegate Kit 4. Networking Dinner 5. Refreshment & Lunch

For Indian Delegates	Early Bird Fee (Till 05th Aug)	Standard Fee (Till 30th Aug)	Discount
1st	₹ 14,950	₹ 18,950	₹ 4,000
2nd	₹ 13,950	₹ 17,950	₹ 5,000
3rd+	₹ 12,950	₹ 16,950	₹ 6,000

Service Tax applicable @ 15%

For International Delegates	Early Bird Fee (Till 05th Aug)	Standard Fee (Till 30th Aug)	Discount
1st	\$300	\$350	\$50
2nd	\$275	\$325	\$75
3rd+	\$250	\$300	\$100

Registration closes on 2nd September 2016

*All registrations made on-site 09th-10th Sep, 2016 will be subject to administration charge of INR 5,000

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Invoice will be sent to the email address provided above only.

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Payment may be made in one of the three ways - please tick appropriate box

To make a payment by Credit/Debit Card or Net Banking, please visit www.events.steelmintgroup.com to book and pay online

Payment by BANK TRANSFER should be made to following:

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For any enquiry

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IT IS IMPORTANT TO FILL OUT ALL THE INFORMATION BELOW

Please photocopy this form for multiple bookings (more than 3 delegates)

BY COMPLETING THE DETAILS BELOW YOU ARE AGREEING TO OUR TERMS AND CONDITIONS*

1st Delegate Details

Mr/Mrs/Ms _____ First Name _____ Surname _____

Designation _____ Mobile _____ Email _____

Confirmation will be sent to the email provided above.

2nd Delegate Details

Mr/Mrs/Ms _____ First Name _____ Surname _____

Designation _____ Mobile _____ Email _____

Confirmation will be sent to the email provided above.

3rd Delegate Details

Mr/Mrs/Ms _____ First Name _____ Surname _____

Designation _____ Mobile _____ Email _____

Confirmation will be sent to the email provided above.

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By agreeing to the terms and conditions, on submission of your registration, you are liable for the conference fee. Registration will not be processed until the payment information is received by the company. For registration of more than 1 delegate from a single company, combined payment must be made. Delegates from same company registering with different forms at different time will not be eligible for discounts. All cancellations must be received in writing by 9th September, 2016 for a full refund, less a 10% administration charge. We cannot accept verbal cancellations. Cancellation received after 9th September, 2016 will be liable for full conference fee, however, substitution can be sent to attend at no extra charge. Registration received after 9th September, 2016 is still liable for full conference fee in case of cancellation. If owing to a force majeure, the conference is cancelled or postponed; SteelMint will not be liable for any travel or accommodation expenses incurred by delegates or their organization. However the conference fee will be refund in full. Badge swapping with other registered/non-registered delegates is against our company policy and will not be permitted. Cancellations due to any other reasons will still be subject to the cancellation policy.

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SteelMint Events **TIMELINE**

Steel Challenges & Changes

Raipur, Chhattisgarh



JAN
2014

JUN
2014

Indian Ferrous Scrap & Mill Scale Trade Meet

Chennai, Tamil Nadu



NOV
2014

APR
2015

2nd Indian Iron Ore & Pellet Summit

Kolkata, West Bengal



AUG
2015

DEC
2015

International Exhibition & Trade Fair on Steel Mining Power & Coal

Raipur, Kolkata



MAY-JUN
2016

SEP
2016



Indian Pellet & DRI Summit

Kolkata, West Bengal



International Ferro Alloys Trade Meet

New Delhi



Steel & Raw Material Conference - Emerging Markets

Chittagong, Bangladesh



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