National Solid Waste Association of India
Conference and Networking Event, 2023

Building the Future of Waste Management and Recycling in India

17–18 March 2023
Indore, Madhya Pradesh
India
Executive Summary

The National Solid Waste Association of India Conference and Networking Event 2023, with the theme, “Building the Future of Waste Management and Recycling in India” was held on March 17-18, 2023 at Hotel Marriott, Indore, Madhya Pradesh. Its purpose was to network, collaborate, have right dialogues and discussions, share knowledge on journeys and experiences in the sector, updates, and introduce the role of the association for the waste management sector. The event concluded with the attendees visiting Waste Processing Facilities in Indore on the 18th of March, 2023. The conference was a huge success having a total of 150+ participants, the diverse stakeholders of the waste management sector.
Introduction

About National Solid Waste Association of India
National Solid Waste Association of India (NSWAI) was founded in the year 1996 by Dr Amiya Kumar Sahu. It is India’s pioneering association for Waste Management. An association with began as a hub of technical expertise, today, is evolving under the vision of its Vice-President, Mr. Sandeep Patel as a facilitator for collaboration, partnerships, and center of excellence.

About NSWAI Conference and Networking Event 2023
The theme of this year’s conference was “Building the Future of Waste Management and Recycling in India.” The conference witnessed various stakeholders of the industry coming together to discuss their journeys, challenges and charting a roadmap for strengthening the association. It witnessed the presence of sector experts, budding entrepreneurs, innovators, government representative and students. The conference was unique, given the presence of all existing experts coming together- sharing stories of their journeys, challenges, and finding interlinkages. The conference witnessed 3 panel discussions- Coffee with Experts, 2 technical sessions, and a breakout session which consisted of group discussions on challenges related to waste policy, people in the sector, technology, financial and capacity constraints, that need to be addressed for the growth of the sector.

The Chief Guest of the Conference was Hon’ble Minister of Road Transport & Highways, Government of India, Shri Nitin Gadkariji and the Guest of Honour was Shri Pushyamitra Bhargavji, Hon’ble Mayor, Indore.
Dignitaries

Chief Guest

Hon’ble Minister of Road Transport and Highway, Shri Nitin Gadkariji

The Conference was graced by Hon’ble Union Minister, Shri Nitin Gadkariji as the Chief Guest. The Hon’ble Minister addressed the audience virtually. The minister motivated the experts and budding entrepreneurs to find appropriate technology, innovation, share knowledge to solve the problems facing the waste sector. He mentioned the need to collaborate to bring solutions to solid waste and liquid waste. He mentioned the need for funds, the steps taken by government and especially the steps taken by his ministry addressing the challenge. Waste Management is a subject close to the Minister. He addressed the gathering for over 15 minutes, concluding his remarks through a motivational message on collaborating to “Build the Future of Waste Management and Recycling in India.”

To view the Hon’ble Minister’s address:

- Twitter: https://twitter.com/nitin_gadkari/status/1636638648773771267?s=20
- YouTube: https://www.youtube.com/live/vQeBqtQaols?feature=share
Guest of Honor
Hon’ble Mayor of Indore, Shri Pushyamitra Bhargavji

Hon’ble Mayor, Pushyamitra Bhargavji was the guest of honour at the conference. As the first citizen of the Cleanest City of India, the mayor spoke about Indore’s journey and success story. He encouraged the experts and budding entrepreneurs present at the conference to work together in making not only Indore cleanest, but reaching out to other cities in the country. The Mayor officially opened the NSWAI Conference and Networking Event 2023, by lighting the lamp. He also did the honors of releasing NSWAI’s Newsletter themed as the conference- Building the Future of Waste Management and Recycling in India. The Hon’ble Mayor visited the exhibits of technology innovators at the NSWAI Conference.
**Key Note Addresses**

**Address by Dr Amiya Kumar Sahu**

Dr Amiya Kumar Sahu, Founder and President of NSWAI, addressed the gathering. He spoke about his vision behind starting the organization in 1996, and his struggles to make people accept the need and importance of such an association to combat the myriad challenges the waste management sector faces. He noted his journey and struggles over the years to get NSWAI the national and international recognition it enjoys today. Dr Sahu noted his journey as a professional since 1972. Later he laid down his vision for the evolution of the sector in the coming years, and how the members, and experts of the association should drive it. Dr Sahu, a visionary, motivated the experts, young professionals, innovators and students gathered in the conference, to keep the true spirit of NSWAI alive, and work together, collaborate, and strengthen the waste management industry.

**Address by Mr Sandeep Patel**

Mr Sandeep Patel, Vice President, NSWAI elaborated on the existing scenario of the waste management industry. Mr Patel noted how the sector has transitioned over the years, form being fragmented, to now gradually being organized. He stressed that this is the time for “NSWAI 2.0” where the stakeholders ‘collaborate & communicate’ for healthy competition, and ‘persevere along with performance’. He noted that “Waste is always technical; but can always be solved with entrepreneurial spirit”. He mentioned the significance of the mementos given to dignitaries- ‘the Statue of Unity’, putting forward the vision to drive the sector with the message of “Sabka Saath, Sabka Vikas, and Sabka Vishwas”- UNITE to Provide Practical Solutions, collaborate efforts with government and policy makers, Drive Growth and Seek Industry Status.
Coffee with Experts

The Conference witnessed 3 panel discussion- “Coffee with Experts” with a mix of experts talking about their journeys, challenges, probable solutions, future plans and role of the association. The panels were moderated by Ms Aafrin Kidwai, Editor-in-Chief, Solid Waste India. The panels were interactive, honest, fun and opened the floor to the audience for Q&A.
Panel 1:
Mr Bashir Ahmed, COO, EverEnviro Resource Management Private Limited
Mr Masood Mallick, CEO, Re Sustainability Limited
Mr Saurabh Shah, Managing Director, Landbell Green Forest Solutions
Mr Rahul Podaar, MD, The Shakti Plastics Industries
Panel 2:
Mr Bashir Ahmed, COO, EverEnviro Resource Management Private Limited
Mr Masood Mallick, CEO, Re Sustainability Limited
Ms Wilma Rodrigues, CEO, Saahas Zero Waste
Ms Bineesha P., Executive Director, IIWM
Mr. Hrishit Shroff, Executive Director, Excel Industries Limited
Panel 3:
Mr Arjun Handa, Chairman, Abellon Clean Energy Limited
Mr Sandip Singh, CEO, Ishitva Robotics Systems
Mr Varun Karad, Entrepreneur
Mr Rahul Nainai, Co-Founder, ReCircle
Mr. Ashish Jain, Director, IPCA Enviro Private Limited
Knowledge Sessions

One of NSWAI’s main role is knowledge sharing. This year’s conference witnessed the discussion and knowledge sharing of two topics by experts in the field- one, on Carbon Credits and two, on Environment, Social and Governance (ESG).

Session 1: Carbon Credit Revenues for Waste Management Projects

Expert: Mr Pankaj Pandey, President- Business Development, EKI

Mr Pandey introduced the audience to Carbon Credit Revenues, and gave its brief history. He spoke about the national and international relevance of Carbon Credit Revenues, and why it is important that experts today start thinking of aligning their businesses to it.

The session was well received with many audience questions answered.
Session 2: Evolving Landscape of the Waste Management Sector through the lens of ESG

Expert: Ms Riya Saxena, Sustainable Finance Expert

Ms Saxena joined the conference virtually, taking the audience through the landscape of ESG, its importance today, and the different reporting formats.

Her session was well received and proved to be useful for those embarking on the journey of ESG reporting.
Show Case

The objective of the showcase session was for budding entrepreneurs to come forward, showcase their product, take advise from experts and share knowledge with other professionals and students.

This post lunch session turned the room into an arena of meaningful discussions, discourses, and knowledge sharing. Mr Arjun Dev, CEO, Daily Dump, showcased his company. Daily Dump rose to fame with their episode aired on Shark Tank Season 2. Mr Dev, sought advice from the experts. The session not only had fruitful discussions, but proved to break ice among all present.
Break-Out Session

The breakout-session was the one in where the true meaning of National Solid Waste Association of India was unfurled. All those present- students, professionals, budding entrepreneurs, technical experts, academicians, industry leaders, etc. were divided into groups. There were 4 groups, where each group had to note down their expectations from the association and what the association can do in the aspect of ‘People’, ‘Technology’, ‘Environment’ and ‘Finance’. Ms. Bineesha P. and Ms. Wilma Rodrigues were instrumental in defining the areas to be discussed.

Each group was given 20 min to discuss, and then nominate a speaker to present the ideas to the audience in 5 minutes. The session was insightful, instrumental to create the road map for NSWAI’s future.
The breakout-session was insightful and proved to be successful as the groups put forward several ideas that can help strengthen the sector with the support of the association.

Some points that came forward:

- To view the “Waste Management” sector as “Resource Management”.
- Training in the Waste Management sector through HR Integration.
- Collaboration with universities and colleges for talent acquisition and promoting careers in the sector.
- Inclusion of waste pickers in waste management planning and discussion forums.
- Information on state wise subsidy mapping and investors list.
- Unified platform for all waste management related information.
- Coordination among different ministries for waste management related matters.
- Collaboration and facilitation of funds for waste management projects.
- Establishing state and zonal wise hierarchy for leading meaningful discussions based on geography.
- Validation of technology available through a standard certification.
- Provision of Bank Loan to waste management sector as MSME.
- Transparency in the process of tendering.
- Establishing strict compliance and industrial code of conduct.
- Recognition of the sector as a formal industry, to also get recognition at the union budget discussions.
- Availability of real time data on the sector.
- Facilitating and boosting carbon credit revenues.
- Revision of GST and import duties.
- Facilitating development of right infrastructure.
Outcome

This conference was a kickoff for NSWAI 2.0. The conference proved to be beneficial, laying down the purpose and evolution of NSWAI as a facilitator.

NSWAI proposes a Strategically Aligned Collaborative approach to promote:

- Knowledge sharing & Capacity building activities,
- Standardisation & Defining Code of Conduct,
- Identification, mapping and efficient allocation of work to WMCs,
- Promotion and linkages support to ULB’s and stakeholders,
- Strengthening the Eco-System and creation of value chain - Tie-ups,
- Assessment of Waste Management Companies (WMCs),
- Jointly providing Policy Advocacy wherever deemed suitable, and
- Behavioural change towards Solid Waste Management.

NSWAI extends an invitation to all stakeholders of the sector to become a member and be a part of initiatives to strengthen the ecosystem of waste management, and build the future of recycling and waste management in India.
Media Coverage

PPP model will help generate wealth from waste: Gadkari

OUR STAFF REPORTER

Union minister for road transport and highways Nitin Gadkari said that the ministry plans to buy segregated waste from all municipal corporations in the country and use it in road construction. At present, the ministry is purchasing segregated waste from only a few municipal corporations.

Gadkari was speaking at a two-day conference on Solid Waste Management being organised by the National Solid Waste Association on Friday. The minister attended the function virtually.

The minister said that solid and liquid waste management are major challenges. As there is a paucity of funds in this sector, it is necessary to do it in public-private partnership model. The government has brought the Hybrid Annuity Model (HAM) in the project of road construction. A similar model is also needed in waste management.

He said that through the innovative PPP model waste to wealth will be generated. For this, proven technology, availability of raw material, economic viability and marketability are necessary.

Mayor Pushyamitra Bhargava inaugurated the conference. National Solid Waste Association president Dr Anupra Saha and vice president Sandeep Patel were present in the conference.

In this conference, industry experts, industrialists and prominent personalities of this sector have come from all over the country who talked about their success, challenges and solutions in this field. During the discussion, industry leaders spoke on solid waste management and recycling as well as carbon credits, ESG, plastic waste, bio waste and innovation and technology.

LADLI BEHNA YOJANA

Mayor writes to CM about OTP problem

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RS

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सालिया वेस्ट मैनेजमेंट पर दो दिनों नेशनल कॉन्फ्रेंस का शुभारंभ।

इनोवेटिव पीपीपी मॉडल से वेस्ट से वेल्थ भी होगी जनरेट: गडकरी

पार्क नवाज़ नेमेंटक
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इंदिरा गांधी वेस्ट और लिकिड वेस्ट मैनेजमेंट दो अन्य शैक्षिक केन्द्रों से भी जुड़ी हुई हैं। इस प्रोजेक्ट की स्थापना के लिए इनोवेटिव पीपीपी मॉडल का उपयोग किया जाएगा।

इसके निर्माण के प्रोजेक्ट में संपर्क एवं सहयोग अभि-मार्ग रखेंगे। इस शहर के मॉडल को इसके वेस्ट मैनेजमेंट में भी है। यह कहना है कि कैल्लाम स्कूल पर राष्ट्रीय पुरस्कार प्राप्त किया जा सकता है।

नेमेंटक वेस्ट मैनेजमेंट पर एक फोटो में अभिव्यक्ति करते हुए कहते हैं: "इकले के शहर की जनता के लिए इस एक्सपेव्रिज प्रोजेक्ट को सामने लाना है। इसके निर्माण के प्रोजेक्ट में संपर्क एवं सहयोग अभि-मार्ग रखेंगे। इस शहर के मॉडल को इसके वेस्ट मैनेजमेंट में भी है। अश्व का मौर्य किशने, इंस्टीट्यूट ऑफ इंजीनियरिंग और इंजीनियरिंग का उपयोग करना चाहिए।" इंदिरा गांधी वेस्ट मैनेजमेंट की भूमिका को समझने के लिए का काम किया जाएगा।

शहर में सालिया वेस्ट मैनेजमेंट पर दो दिनी नेशनल कॉन्फ्रेंस का शुभारंभ। इनोवेटिव पीपीपी मॉडल से वेस्ट से वेल्थ भी होगी जनरेट। गडकरी के आवे का उल्लेख अश्व का मौर्य किशने, इंस्टीट्यूट ऑफ इंजीनियरिंग और इंजीनियरिंग का उपयोग करना चाहिए। इंदिरा गांधी वेस्ट मैनेजमेंट की भूमिका को समझने के लिए का काम किया जाएगा।
सॉलिड वेस्ट मैनेजमेंट पर दो दिनी नेशनल कॉन्फ्रेंस

वेस्ट मैनेजमेंट की चुनौती से निपटने के लिए पीपीपी मॉडल की जरूरत : गडकरी

इंदौर| सॉलिड वेस्ट मैनेजमेंट और लिक्विड वेस्ट मैनेजमेंट वक्त की जरूरत है। सड़क निर्माण के लिए सरकार एचएएम मॉडल लाई है। ऐसे मॉडल की जरूरत वेस्ट मैनेजमेंट सिस्टम तक भी है, तभी इनोवेटिव पीपीपी मॉडल से वेस्ट से मूल्य की ओर बढ़ पाएंगे। वर्तमान में परिवहन मंत्रालय सड़क के लिए नगर निगमों से सेटिंग्रेटेड वेस्ट और मोटरियल खरीद रहा है।

यह बात केंद्रीय नितिन गडकरी ने सॉलिड वेस्ट मैनेजमेंट विषय पर शुरु हुई दो दिनी नेशनल कॉन्फ्रेंस में शुक्रवार को कहीं। ‘बिल्डिंग द फ्यूचर ऑफ वेस्ट मैनेजमेंट एंड रीसाइक्लिंग ईंडुस्ट्री’ विषय पर कॉन्फ्रेंस का वर्चुअल शुभरंभ करते हुए गडकरी ने कहा सॉलिड और लिक्विड वेस्ट मैनेजमेंट सेक्टर फंड की कमी से जुड़ा है। ऐसे में निजी निवेश ताना जरूरी है। कार्यक्रम में महापौर पुष्मिन्त्र भार्गव, नेशनल सॉलिड वेस्ट एसोसिएशन के अध्यक्ष डाॅ. आमिया साहू,

देशभर से आए विशेषज्ञों ने रची बात कॉन्फ्रेंस में देशभर से आए इंडस्ट्री एक्सपर्ट, उद्योगपति और इस सेक्टर की प्रमुख हस्तियों ने अपनी बात रखी। उन्होंने कार्यक्रम प्रबंधन के स्थान में किए गए काम, सफलता, जुनौतियों और हल पर बात की।

प्लास्टिक के कचरे से बन रही सड़कें नगर निगम कई सड़कें प्लास्टिक वेस्ट से बनवा रहे हैं। प्लास्टिक का इस्तेमाल डामर के साथ मिलाकर किया जा रहा है। इंदौर में चार साल से यह काम हो रहा है। शहर की कई सड़कें प्लास्टिक वेस्ट से बनाई गई हैं।

उपायूक्त संदीप पटेल सहित अन्य विशेषज्ञ मौजूद थे। कार्यक्रम नेशनल सॉलिड वेस्ट एसोसिएशन द्वारा आयोजित किया जा रहा है।
इंदौर में आयोजित जेसनल कॉन्फ्रेंस में ऑनलाइन शामिल हुए नितिन गडकरी ने बीजेपी नेता के रूप में दिया बयान। इंदौर, शनिवार, 18 मार्च 2023

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अभी भविष्यवाणी और सीमाएं पैरम्यूडियम में निकलने का आदेश दिया गया है और इसके साथ दूर रहने का आदेश दिया गया है, जिससे दूर रहने का आदेश दिया गया है। 

देशपांडुलिपि सितारा इंटरेन्ट नियम, जो नेता का पहला मोबाइल प्लेटफॉर्म भी तय करता है। इंदौर यह नमूना देश में अलग है और यह चाहिए कि 6 बार बार जाना जाना 1 बार जाना है।

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Visit to Waste Processing Facilities

The NSWAI Conference and Networking Event 2023- Building the Future of Waste Management and Recycling in India concluded with visits to waste processing facilities of the cleanest city of India on 18th March 2023.

The facilities visited were:

1) NEPRA Resource Management Private Limited
2) BIO CNG Plant, EverEnviro Resource Management Private Limited
CONTACT

Communication Address:
714 Noble Trade Center,
Opposite B.D Rao Hall
Bhuyangdev Cross Roads
Memnagar, Ahmedabad, India
380052

Website:
www.nswai.org

Email ID:
nswaiconf@gmail.com

Contact number:
+91-6352878158