



**Principal Organisers:** **International Society Waste Management, Air and Water (ISWMAW)**  
**K J Somaiya Institute of Management, Vidyavihar University, Mumbai, India**  
**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

**Framework of Draft Schedule: 13th IconSWM-CE & IPLA Global Forum 2023;60 countries are expected to join**  
**Joining Link for each of the halls will be impregnated in respective Room No.; Will be done of final schedule.**

Please fill in the goggle Form and submit. This will help us in session plan and other arrangements. Link:<https://forms.gle/Sr9Gc6CUqLbUPwvb7>

The conference will be organised on Hybrid Mode (we prefer physical presence of the delegates. Who will be unable to attend in-person may attend virtually. For any queries related to venue arrangements, facilities available, Sponsoring, Exhibition etc, kindly write to the following mails to get response in 24 hours:

<p>At IconSWM-SWMAW HQ Secretariat:                  Prof Sadhan K Ghosh, Chairman                  iconswm.ce@gmail.com, sadhankghosh@gmail.com,                  You can call to: +91 98310 50447/ 90381 15542/ 9830044464/                  ISWMAW Secretaries: B Ghosh/ S. Paruchuri /Dr.Sutripta Sarkar/S. Mondal/Dr.AsitAich</p>	<p>At IconSWM-ISWMAW Secretariat at KJSIM, Mumbai:                  Prof. Raman Ramchandran, Chairman                  iconswm.ce@gmail.com, <a href="mailto:iconswmce@somaiya.edu">iconswmce@somaiya.edu</a>                  You can call to: +91 9867052227/ 9819833124/ 8777686385;                  Secretaries: Prof. S. Upadhyay and Dr.L. Hari, KJSIM</p>
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**Important Information: [For taxis, one may scan the QR code for the exact coordinates of K J Somaiya Institute of Management].**

**Also, one may use Ola, Uber, Kali Pili (black-yellow taxis), and Rickshaws to reach the destination.**

Nearest International Airport: Chhatrapati Shivaji Maharaj International Airport T2 & Domestic T1 (12 km);

The airport's IATA code BOM is associated with "Bombay",

Nearest Railway station: For Express Trains: Lokmanya Tilak Terminal Kurla Stn (1.5 km); Dadar Stn (10 km);

For Local Trains: Vidya Vihar East/ Ghatkopar East/ (Nearly 1.5 km distance)

Hotels: Name of preferred hotels is available on website : [www.iswmaw.com](http://www.iswmaw.com)-

[HTTPS://ICONSWMCE.SOMAIYA.EDU/ACCOMMODATION.HTML](https://iconswmce.somaiya.edu/accommodation.html)

For Journal on SWTM: <https://www.iswmaw.com/journal.solid-waste.php> and <http://solid-waste.org>



Scan for Address

**The foreign participant should submit online application for visa at [www.indianvisaonline.gov.in](http://www.indianvisaonline.gov.in).**



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## **Program Schedule: 13<sup>th</sup>IconSWM-CE & IPLA Global Forum 2023**

[ All timings are given in Indian Time: IST (UTC+5.30) (+5.30 GMT)]

(Official Pre-Event of the Regional 3R and Circular Economy Forum in Asia and the Pacific 2023 in Vietnam by UNCRD)

**Request to you:** Kindly attend & circulate the schedule to your network for more participation of related stakeholders, (Masters and PhD students, researchers, Industries, government agencies, municipalities, SWM operators, NGOs and others.

**Joining Link in this hybrid type of conference where delegates will join in-person and online:**

You may join any session by clicking the row containing [(Click to Join)and the session number, Room no.] at the beginning of each session for Room No. C202, 203, 204, 302, 303, 304 and 402, Auditorium for Inaugural Program and Valedictory Hall. and Senate Hall on the final schedule. Please click on the Row and you will be allowed to join in the **Zoom Platform of that particular Hall**. Please download the Zoom app on your device. For joining any hall will take a few seconds. Clicking on [Click to Join] will take you to the zoom platform of the particular hall and you can join. No separate joining link is needed to join the hall in the conference.

**Online Presenters** are requested to use laptop and download the Zoom app. Please send the ppt & pdf both to [iswmaw@gmail.com](mailto:iswmaw@gmail.com) by 26.11.2023 with File name as Session Number\_ paper code (e.g., TS4\_A230; SS 12\_A190 and so on). Online speaker will share the ppt. from his/her side. In case of any problem, our secretariat will share.

**Presentation Durations in sessions:**

**Keynote 20 Minutes: Session Keynote & Plenary: 15 Mins; Special Sessions: 12 Mins; Technical Sessions: 10 Mins**



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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

**Collaborators of 13<sup>th</sup>IconSWM-CE & IPLA Global Forum 2023 held at KJSIM, Mumbai, India**




**Principal Organisers:** International Society Waste Management, Air and Water (ISWMAW)  
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<b>Contact Details in Need</b>	<b>Local Contact at KJSIM, Mumbai: Dr. L. Hari : +91 9819833124 &amp; Prof. Satyendra Upadhyay: +91 9867052227</b>				
	<b>Contact at ISWMAW HQ: Mr. B. Ghosh, 9831050447; Mr. Suresh Mondal: 90381 15542; Mr. P. Saikesh, 99895 73725</b>				
<b>Overall:</b>	Prof. Sadhan K Ghosh, President, 9830044464	Prof. S. Upadhyay +91 9867052227	Mr. P. Saikesh, Secretariat, 99895 73725	Dr. Asit Aich, 94322 05365	Dr. L. Hari, KJSIM, 9819833124
<b>Transport Management:</b>	Ms. Minal Bhutak, 9821221133		<b>Accommodation facility:</b>		Dr. Vaishali Padake, 9820497577
<b>Industry Sectors:</b>	Prof. S. Upadhyay, +91 9867052227				
<b>Registration Management:</b>	Dr. Asit Aich, Dr.. Ipsita Saha, ISWMAW	Mr. Raktim Dasgupta	Jonty Rodrigues, K. Yateeswar Reddy	Mr. P. Saikesh, 99895 73725	Dr. N. Muni Lakshmi, 98664 37937 Mr. B. Ghosh, Visa Card, 9831050447
<b>Registration Counters</b>	Dr. Asit Aich, Team, S K Roy, & Dr. Muni Lakshmi: Spot Registrants counter at Engg. Bldg, Pay cash/DD	Dr. Vidya Thakkar: Paid Registrants with payment doc. for Kits	A2e	B. Ghosh & S K Roy: Spot Registrants Pay by Visa Card / Gpay etc.	Prerana Shivaprasad, 9741085746 : Health Care Registrants
<b>Doctor's Sessions Management:</b>	Dr. Daggumati Srehari, IMA, 98480 17687; Dr. Santosh Kadam, 98202 45526, Dr. Latha, 9820012496				
<b>Technical Sessions Management:</b>	Dr. Sitripta Sarkar, ISWMAW, 94334 30019; Dr. Asit Aich, ISWMAW, 94322 05365; Ipsita Saha, 80174 51580, Dr. Lakshmikant Hari, 9819833124; Prof. Satyendra Upadhyay, 9867052227			<b>Papers, Schedule, Proceedings:</b> Mr. Dineshkumar M, 63742 38506, Mr. Suresh Mondal, 8240537668;	
<b>Reception Dinner &amp; Dinner on 28.11.2023 for members</b>	Reception Dinner on 29.11.2023 at Conference Hall		Sunidhi – 7300417941		Yisha - 8898000494
<b>Wifi, Online platform, PAS Mngt.:</b>	Jyothika, 9873433968	Mohit - 7024156009	Shubash Nadar - 9833931578	Mr. Dineshkumar M, 63742 38506,	Mr. P. Saikesh, 99895 73725
<b>Exhibition Stall Management</b>	Meet Prajapati 9867766589; Anirudh Birla, 8118810854; Prof. S. Upadhyay, +91 9867052227				
<b>Refreshment Management</b>	Ms. Minal Bhutak, 9821221133, Preksha 9425350942,		Devang - 9769597352	<b>Waste Management in Campus</b>	Prishita- 9330397561; Tejal - 9999635454
<b>Inaugural &amp; Valedictory Prog.</b>	Prof. S. Upadhyay 9867052227	Dr. Asit Aich, ISWMAW	ULB regdn, Field Visit to CD	Prof. S. Upadhyay, 9867052227; Jyothika, 9873433968	
<b>Infrastructure Management</b>	Prof. Sudarshan Shubash Nadar - 9833931578		Photography, Video	Rajarshi Chakraborty. 8240001359, Suprakash Chakraborty 9836957801	

**Presentation Durations in sessions: Keynote and Plenary: 15 Mins; Special Sessions: 12 Mins; Technical Sessions: 10 Mins**



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**Program Summary [Time given in IST, (GMT+5.30). Please convert according to your country timeline]**

	Room C202 <a href="#">[Click to join]</a>	Room C203 <a href="#">[Click to join]</a>	Room C204 <a href="#">[Click to join]</a>	Room C302 <a href="#">[Click to join]</a>	Room C303 <a href="#">[Click to join]</a>	Room C304 <a href="#">[Click to join]</a>	Room C402 <a href="#">[Click to join]</a>	
<b>28.11.2023 (Tuesday) -Day 0 – Pre-Conference Day</b>								
3.00 - 7.00pm	Pre - Registration at the IconSWM-CE Auditorium;							
12.00 - 1.30 pm&2.30–03.30 pm	IconSWM-CE 2023 Local WGs meeting – Review the final Preparation							
6.00 - 7.30 pm	IconSWM-CE Core Group & ISC members are cordially invited to the meeting followed by dinner;							
<b>29.11.2023(Wednesday) -Day 1</b>		<b>Inaugural Program at 10.00 am to 12.00 pm.in the <a href="#">SAKARBEN AUDITORIUM, KJSCE</a></b>					<b><a href="#">Click &amp; Join</a></b>	
8.30am onward	Registration at the <b>CHANAKYA GROUND FLOOR, KJSIM</b>			<b>LUNCH Venue</b>		<b>Govinda Canteen</b>		
2.30 – 9.00 pm	Keynote session, Plenary Sessions, Special Session & Technical Sessions and Reception Dinner							
30.11.2023 (Thursday) - Day 2	9.30 am – 6.00 pm: Plenary Sessions, Special Session & Technical Sessions							
1.12.2023 (Friday) - Day 3	9.30 am – 6.00 pm: Plenary Sessions, Special & Technical Sessions, WM Hackathon, <b>Conference ValedictoryRed Auditorium</b>							
2.12.2023 (Saturday) -Day 4	Visit to Waste Management Facility [9.00 to 4pm]; <b>Waste Management Hackathon &amp; Start up Business Talks/exhibits [KJSIM will announce];</b>							
August 2024(Date to be announced later)		SDG Congress for School Students in Tokyo by Kyoto Beyond SDGs Consortium, JSMC &WM and ISWMAW						
<b>Sessions Slots (IST)</b>	9.30 to 11.10am	Tea / Coffee	11.30 - 1.10 pm	Lunch Break: 1.30- 2.30pm	2.30 - 4.10pm	Tea / Coffee	4.30 - 6.10pm	7.00 -9.00pm



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13<sup>th</sup> IconSWM-CE & IPLA Global Forum 2023 conference committee is very pleased that you agreed to organise the Special Session on Waste Management & Circular Economy as in the table below. Sessions have been planned. We request you to mobilise seven to eight papers [either abstract and full papers- full paper is not mandatory] for presentation @ 12 minutes each in the sessions. Full papers will be considered for publication in the books or special/normal issues of Journals (Journal of Solid Waste Technology and Management and Journal of Energy Sector Management). The last date of abstract submission is 31.10.2023 and Full paper may be submitted before the conference dates (though brochure shown 31.10.2023). The full paper must comply with the journal guidelines. **Each Special session will be of 100 minutes. Chair, Co-Chair and coordinator.** Technical sessions details will be released soon. There are sector specific Industry Sessions.

**Kindly call:** Chairman's Secretariat [Kolkata HQ: @ +91 9830044464 or 9038115542] or [Mumbai KJSIM venue: +91 98198 33214 or 98670 52227].

Mail to: [iconswm.ce@gmail.com](mailto:iconswm.ce@gmail.com) or [sadhankghosh@gmail.com](mailto:sadhankghosh@gmail.com); For online attendance and presentation, the Zoom link will be shared later.

Expected participate from: Argentina, Australia, Barbados, Bhutan, Cambodia, China, Denmark, Egypt, Ethiopia, France, Ghana, Georgia, Germany, Greece, Hongkong, India, Indonesia, Italy, Japan, Kenya, Myanmar, Malaysia, Malta, Maldives, Micronesia, Morocco, Nepal, Nigeria, Norway, Palau, Philippines, Russian Federation, Singapore, Samoa PREP, Spain, South Africa, Tunisia, Taiwan, Thailand, Togo, UK, USA, Vietnam,

<b>Hall Management Lead:</b>		<b>ISWMAW: Dr. Asit Aich [89103 54375] &amp; Dr. P. Venkat [98408 31193]</b>		<b>KJSIM: DR. SUDARSHAN, 7304053115, DR. JITENDRA, 8460560149</b>		
<b>Hall 1 with wifi</b> Room No.: C-202, 2 <sup>nd</sup> Fl. Capacity: 75 Microphone: Yes Projectors & Laptop: Yes	<b>Hall 2 with wifi</b> Room No.: C-203, 2 <sup>nd</sup> Fl. Capacity: 75 Microphone: Yes Projectors & Laptop: Yes	<b>Hall 3 with wifi</b> Room No.: C-204, 2 <sup>nd</sup> Fl. Capacity: 75 Microphone: Yes Projectors & Laptop: Yes	<b>Hall 4 with wifi</b> Room No.: C-302, 3 <sup>rd</sup> Fl. Capacity: 75 Microphone: Yes Projectors & Laptop: Yes	<b>Hall 5 with wifi</b> Room No.: C-303, 3 <sup>rd</sup> Fl. Capacity: 75 Microphone: Yes Projectors & Laptop: Yes	<b>Hall 6 with wifi</b> Room No.: C-304, 3 <sup>rd</sup> Fl. Capacity: 75 Microphone: Yes Projectors & Laptop: Yes	<b>Hall 7 with wifi</b> Room No.: C-402, 4 <sup>th</sup> Fl. Capacity: 75 Microphone: Yes Projectors & Laptop: Yes
<b>Hall Management Team:</b> ISWMAW: Dr. Sutripta Sarkar KJSIM: Aparna Pandey: 9820531258 Manpreet Singh- 7726881652, Sahil Agarwal, & Shreyans Surana, +91 9404428170	<b>Hall Management Team:</b> ISWMAW: Dr. Rahul Baidya KJSIM: Milind Gawai: 9167939195 RIYA JAIN, ASTIK PANDEY, RADHIKA	<b>Hall management team:</b> ISWMAW: dr. Ipsita saha KJSIM: Harnesh Makhija: 9004426255 jairajbhansali, chirag, makena v m patrudu7673954453, parithymalan, 9943751668	<b>Hall management team:</b> Iswmaw: mr. Raktim dasgupta Kjsim:sangeetharajesh: 9821860564 madhavasija&anushri bag, mr. Bandi lokeshreddy,	<b>Hall management team:</b> Iswmaw: prof. Aditi mishal&mr. Dinesh kumar m, 6374238506 Kjsim:vandanatripathi: 9167636927 Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande, 9921554682	<b>HALL MANAGEMENT TEAM:</b> ISWMAW: Ms. Padma GUNDE, Sonali Roy Choudhury Kjsim:brajeshbolia: 9702802460 Aashika Jain & Khushi Kesharwani, Mr V Rajesh, 8056456968	<b>Hall Management Team:</b> ISWMAW: Dr. YLP Thorani KJSIM: Anjali Chopra: 9820495195 Shivam Rustagi & Sriparna Das, Kam Patnam
<b>DAY 0 : 28.11.2023</b>		<b>3.00: Meeting: National committee &amp; Local Organisers Room no C204</b>		<b>6.00 pm: Meeting: International Scientific Committee followed by dinner, Room no C204</b>		



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<b>DAY 1</b>	<b>29<sup>th</sup> November (Wednesday), 2023</b>	<b><a href="#">Click &amp; Join</a></b>	<b>29<sup>th</sup> November (Wednesday), 2023</b>
8.00 am	Delegate Registration		
<b>Inaugural program 13<sup>th</sup> IconSWM-CE &amp; IPLA Global Forum 2023 at Sakarben Auditorium, KJSIM,</b>			
	The Inaugural Program will be presided over by Prof. S K Ghosh, Founder & President, ISWMAW		
10.05 - 10.15am	Welcome Address: Dr. Raman Ramachandran, Director, KJSIM		
10.15 - 10.25am	Theme, Objectives and Legacy of the event: Prof. S K Ghosh, Founder & President, ISWMAW,		
10.25 - 10.35am	Speech by Prof. Gert Morscheck, Rostock University, Germany;		
10.35 - 10.45am	Speech by Prof. Raghunath K. Shevgaonkar, Provost, Somaiya Vidyavihar University, Mumbai		
10.45 - 10.55am	Speech by Mr. C R C Mohanty, UNCRD, Japan		
10.55 - 11.05am	Speech Prof. Misuzu Asari/President, JSMCWM, Japan & MoU signature between ISWMAW & JSMCWM		
11.05 - 11.10am	Release of Conference Proceedings, Release of books on Circular Economy by Springer and Royal Society of Chemistry		
11.10 - 11.20am	Speech by SBI (tbc)		
11.20 - 11.35 am	Inaugural Speech by Mr. Bart De Jong, Consulate-General of Kingdom of Netherlands in Mumbai, India		
11.35 - 11.45 am	Announcement of the 14 <sup>th</sup> IconSWM-CE & IPLA Global Forum 2024 by the host of the conference		
11.35 - 11.55 am	Award Ceremony: IconSWM-CE Lifetime Achievement Awards, Award for Cleanest Village, IconSWM-CE Excellence Award for Coprocessing 2023 to industries		
	<b>Key note speeches in Inaugural Session by</b>		
11.55 - 12.10 am	<ul style="list-style-type: none"> <li>Chairman, MPCB (tbc) <b>[To confirm by MPCB]</b></li> </ul>		
12.10 - 12.25 am	<ul style="list-style-type: none"> <li>Dr.. Kare H Karstensen, Chief Scientist, SINTEF, Norway</li> </ul>		
12.25 - 12.40 am	<ul style="list-style-type: none"> <li>Mr. Atul Bhatt, Chairman &amp; Managing Director, RINL, Visag Steel Plant, India</li> </ul>		
12.40 - 12.45 am	Vote of Thanks		
<b>12.45 pm</b>	Visiting the stalls and Tea Break		
<b>01.15 pm</b>	<b>Lunch Break (Venue to be announced soon)</b>	<b>Lunch Break (Venue to be announced soon)</b>	



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[Joining Link for each of the halls is impregnated in respective Room No.; Click to Join and you will be connected to the hall. .](#)

**Legends of session timings: Day X-11 means: 9.30am 1<sup>st</sup> session; Day X-12 means: 9.30am 2<sup>nd</sup> session; Day X-13 means: 9.30am 3<sup>rd</sup> session; and so on; Day X-1-2 means: 9.30am & 11.30 am both session; Day X-2 means: 11.30am; Day X-3 means: 2.30pm; Day X-4 means: 4.30pm; Day X-5 means: 7.00pm to 8.30pm for USA and neighbouring countries;**

<b>DAY 1-3</b>	<b>2.30 pm to 4.10 pm</b>	<b>1<sup>st</sup>Day 3<sup>rd</sup>Session Slots: 2.30 pm – 4.10 pm; Post Inauguration</b>	<b>2.30 pm to 4.10 pm</b>
<a href="#">SS1 Day 1-31: Room C202</a> <a href="#">2.30 pm to 4.10 pm; Link</a>		<a href="#">UNCRD special session on 3R and Circular Economy</a>	<a href="#">CLICK TO JOIN</a>
<b>Hall Managers</b>	Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal, Shreyans Surana		
	Organizer: United Nations Centre for Regional Development (UNCRD) of Division for Sustainable Development Goals (DSDG) / UN DESA Co-organizer: International Society of Waste Management, Air and Water (ISWMAW)		
Co-Chairs	Choudhury Rudra Charan Mohanty, Environment Programme Officer, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan. Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India.		
	<b>Facilitator/ Moderator:</b> Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan.		
	<b>Rapporteur:</b> Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA, Japan.		
2:30–2:45 pm	Opening remarks		
	Rudra Charan Mohanty, Environment Programme Officer, UNCR)- DSDG/UN DESA, Japan (10 mins).		
	Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India		
2:45–3:00pm	Session A: Strategies and actions to promote 3r and circular economy in various waste streams		
3.00-3.15pm	Sustainability through Circular supply chain for biomass, P. Agamuthu, Sunway University, Malaysia (Physical Presentation).		
3.15-3.30pm	Biomass waste recycling for local revitalization: Lessons from Japan, Premakumara Jagath DickellaGamaralalage, IGES, Japan (Physical Presentation).		
3.30-3.45pm	Circular Economy and Resilience to Climate Change and natural disaster, Kulwant Singh, 3R Waste Foundation, India (Physical Presentation).		
3.45-4.00pm	Understanding of circular economy among the grass-root level workers and strategies to engage them in municipal waste reduction and segregation (20 mins)		





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	– by Suman Dhun Shrestha, Intellectuals Center, Nepal (Online Presentation).	
4.00-4.10pm	Open discussion	
4.10-4.15pm	Chair Summary, Thanks giving and Group Photo	
<b>4.15 pm</b>	<b>Tea Break</b>	
<b>SS 2, Day 1-32: Room C203</b> <b>2.30 pm to 4.10 pm</b>	<b><a href="#">Coproprocessing of Wastes in Cement Plants and Facilities in RDF Supply Chain</a></b>	<b><a href="#">CLICK TO JOIN</a></b>
	Chair: Mr. U. V. Parlikar, Ex- Director, Geocycle&Consultant	Co-Chairs: Dr. Kare H Karstensen, SINTEF & Prof. Sadhan K Ghosh, ISWMAW
<b>Hall Manager</b>	<b>Dr. Rahul Baidya, Milind Gawai: Riya Jain, Astik Pandey, Radhika</b>	
<b>The awardees from Cement Plants and Facilities in RDFSupply Chain will speak</b>		
	Expert from ACC Limited., Wadi	
	Expert from Dalmia Cement Bharat Limited, Belgaon	
	Expert from J K Lakshmi Cement Ltd., Durg	
	Expert from Udaipur Cement Works Ltd.	
	Expert from ACC Limited., Chanda	
	Expert from Dalmia Cement Bharat Limited, Kadapa	
	Expert from Sree Jayajyoti Cements Pvt. Ltd.	
	Expert from Dalmia Cement Bharat Limited, Dalmiapuram	
	Expert from Kalburgi Cement Pvt Ltd.	
	Expert from JSW Cement Ltd. Nandyal	
	Expert from Dalmia Cement Bharat Limited, Ariyalur	



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	Expert from J K Cement Ltd., J K White Cement Works, Gotan
	Expert from J K Lakshmi Cement Limited, Sirohi
	ZIGMA Global Environ Solutions Pvt. Ltd.
	Re Sustainability Limited
	GGEPII [Green Gene Enviro Protection & Infrastructure Pvt. Ltd.,]
	Antony Lara Enviro Solutions Pvt. Ltd.
	Saurashtra Enviro Projects Pvt. Ltd.
	Question Answer and Discussion
	Chair Summary presentation, Thanks giving and saving the online recording
	<b>Tea Break</b>
	<b>To continue to SS6: Day 1-42 Room C203; 4.30-6.15 pm</b>
<b>SS 3 Day 1-33:Room C204, 2.30 -4.30 pm</b>	<b>Plastic Waste Management</b>
Intro: 2.30pm	<b>Chair:</b> Prof. M. Rafizul, KUET, Bangladesh, <b>Co-Chair:</b>
<b>Hall Manager</b>	<b>Dr. Ipsita Saha, Harnesh Makhija; Jairaj Bhansali, Chirag, Makena V M Patrudu, Parithy Malan,</b>
2.35-2.47 pm	<b>Session KeynoteSpeech:A142:</b> Irradiation processes for the decontamination of plastic waste including brominated flame retardants, U. Maschke [R.K. Benmammar1, V.R. Mundlapati2, Z. Bouberka3, A.L. Barrera1, et al ], <b>France &amp; Algeria</b>
2.48 -2.58 pm	<b>A112:</b> The environmental and social impact of protein engineering in order to biodegrade PET- Gianlauro Casoli, University of Parma, <b>Italy</b>
2.59-3.09 pm	<b>A159:</b> Recycling of Polyurethane waste by glycolysis, Apurv Gadekar1, Devesh Sane1and Anagha Sabnis1, <b>Mumbai, India</b>
3.10 - 3.20 pm	<b>A04:</b> Recovering and Recycling Ocean Plastic: A Case Study from Kerala, Ekparna Das1, Sooraj Abraham2, Dr. Hareesh N Ramanathan, <b>Kochi, Kerala, India</b>
3. 21 - 3.31 pm	<b>A152:</b> Life Cycle Assessment Of Plastic Waste Of Various Compositions End Of Life Analysis Using Openlca, N T Nisha*1, I. M. Rafizul2, Isabell Lange3, Eckhard Kraft, <b>Bangladesh &amp; Germany</b>

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3.32 - 3.42 pm	<b>A129:</b> Tunisian waste management: A review of approaching plastic waste Energetic impacts and sustainable alternatives, Jouini, S. Mauviel, G ,Benhassen Trabelsi, A, <b>Tunisia &amp; France</b>	
3.43 – 3.53 pm	<b>A104:</b> Meso and Microplastics Assessment Along Dredging Areas of Urban Lake, Vellore District, Tamil Nadu, India, Mahenthiran Sathiyamoorthy*, Devananth Ramakrishnan, Sankar Loganathan, <b>Vellore, India</b>	
3.54 – 4.15 pm	Question Answer and Discussion	
4.15 - 4.25 pm	Chair Summary presentation, Thanks giving and saving the online recording	
4.25 - 4.30 pm	Tea Break	
<p><b>SS 4: Day 1-34: Room C302</b>  <b>2.30-4.30 pm</b></p> <p><b>Waste Managements &amp; CE Initiatives in Hilly State of Meghalaya in North East India,</b></p> <p><b><a href="#">CLICK TO JOIN</a></b></p>		
Intro: 2.30 pm	<b>Chair:</b> Dr. R. M. Lyngdoh, Principal, Synod College, India;	<b>Co-Chair:</b> Mr. S Syiem, EE, Maeghalaya Pollution Control Board, Shillong
<b>Hall Manager</b>	<b>Raktim Dasgupta, Sangeetha Rajesh: Madhav Asija, Anushri Bag, Bandi Lokesh Reddy,</b>	
2.35-2.47 pm	Opening Remarks: Prof. Sadhan K Ghosh on Inducting 50,000 students in Meghalaya in Waste Management & Circular Economy by ISWMAW& Synod College	
2.48 -3.00 pm	Waste Management in Sharon Memorial School, Shillong – Mr. Alding D. Myllem and Mr. SynropNongkhlaw	
3.00 - 3.12 pm	Mr. S Syiem, Executive Engineer, Meghalaya State Pollution Control Board, Shillong PCB, Shillong	
3.14 - 3.26 pm	<b>A250:</b> Waste management and segregation - A Solution for reducing environmental degradation, W. Kharmawphlang, P. Nongkling, H. Swer , A.J. langrai , S.K. Ghosh and R. M. Lyngdoh, <b>Shillong, India</b>	
	ISWMAW	
3.28 - 3.40 pm	Waste Management in Moolamyliang Village – Mr., ApmongPachiang, Headman and team	
3.42 - 3.54 pm	Mr. F. B. Chyne, Executive Engineer, Shillong Municipal Board, Meghalaya	
3.56 - 4.08 pm	Mairang Presbyterial College	
4.08 - 4.20 pm	QA	
4.20 - 4.30 pm	Chair Summary, Thanks giving , Group Photo	



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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

	Tea Break	
<a href="#">TS 1: Day 1-35: Room C303</a> <a href="#">2.30 – 4.25 pm</a>	<a href="#">Technical Session – Solid Waste Management – 1</a>	<a href="#">CLICK TO JOIN</a>
<b>Intro: 2.30-2.35 pm</b>	Chair:Dr. Asit Aich, ISWMAW	Co-Chair: Dr Shilpi Kulshrestha, Atlas University, Mumbai
<b>Hall Manager</b>	Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,	
2.35-2.47 pm	<b>Lead Speech: A27:</b> Follow the Monkey: A Pilot project on 3 level waste segregation and management in Thane city, Lata Ghanshamnani, Leena Kelshikar, VAngadi, P Motwani, <b>Mumbai</b> ,	
2.48 - 3.00 pm	<b>A52:</b> SWM in S Africa, RIKHOTOSO NP,, <b>South Africa</b>	
3.00 -3.10 pm	<b>A57:</b> Community Engagement and Sustainable SWM in Mysore: A Comparison of NGO and Corporate-Led Initiatives, Kavya P. Siddeshwar1, P Devi M, J Selvarajj, <b>Tamil Nadi, India</b>	
3.11- 3.21 pm	<b>A86:</b> Exploring applicability of Lean Principles in SWM for Patna Municipal Corporation, Aditya Anand, <b>Jaipur, India</b>	
3.22 - 3.32 pm	<b>A38:</b> Sentiment Analysis of Public Perceptions Towards Privacy Regulations, Hemaanand Murugan1 , Dineshkumar, Mumbai & Kolkata, India	
3.33 - 3.43 pm	<b>A24:</b> Zero Garbage Model for Housing Societies in Pimpri Chinchwad, Aditi Lanke, Mukta Latkar-Talwalkar, Amey Naphade, <b>Pune, India</b>	
3. 44 - 3.54 pm	<b>A36:</b> Review of a recognized and growing innovation: the electro deposition of metallic matrix composite coatings by including particles in a metallic film for solid waste management, Rajarshi Chakraborty, TanbirIslam, SandipGhosh, Biswajit Banik, Sayan Mukherjee, AmritaPradhan, Arka Bhattacharjee, Kolkata	
3.55 - 4.05 pm	<b>F3:</b> Generation, Composition, and Some Physicochemical Characteristics of Municipal Solid Waste (M.S.W.) In Ilorin –Nigeria Ameen Babatunde. A1, Adekola F.A, <b>Nigeria</b>	
4.06 - 4.20 pm	QA & Discussion	
4.20-4.25 pm	Chair Summary , Thanks giving & Group Photo	
	Tea Break	



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<a href="#">TS 2: Day 1-36: Room C304</a> <a href="#">(2:30-3:20P.M.)</a>		<a href="#">Sector Specific Industry session by Industries in Maharashtra Seven Presentations [To confirm by MPCB]</a>		<a href="#">CLICK TO JOIN</a>	
<b>Hall Manager</b>	Ms. Padma Gunde, Ms. Sonali Roy Choudhury, Brajesh Bolia, Aashika Jain, Ms., Khushi Kesharwani, V Rajesh,				
<b>Intro: 2.30-2.35 pm</b>	<b>Chair:</b>	<b>Co-Chair:</b>			
2.35-2.47 pm	<b>To announce later</b>				
2.48 -2.58 pm					
3.59- 3.09 pm					
3.10 - 3.20 pm					
	Tea Break				
<a href="#">TS 3: Day 1-37: Room C402</a> <a href="#">2.30 – 4.30 pm</a>		<a href="#">Water &amp; Waste Water – Treatment, Technology and Recycling -1</a>		<a href="#">CLICK TO JOIN</a>	
<b>Intro: 2.30pm</b>	<b>Chair:</b> Dr. P. Venkateswaran, SCPL, Tirupati	<b>Co-Chair:</b> Dr Sugandha, KJSIM			
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam, ,				
2.35-2.47 pm	<b>Lead Speech: A63:</b> Metals recovery, water reclamation, and reagents circularity from acid mining drainage through membrane processes and chemical precipitation, Rubén Rodríguez-Alegre <sup>1 2 *</sup> , Laura Pérez, Montserrat Pérez-Moya, Julia García-Montaño, Carlos Andecochea Saiz, Xialei You, <b>Spain</b>				
2.47 -2.59 pm	<b>Lead Speech: A218:</b> Water Infinity through Water Circularity Practices: A Case Study of Govardhan Ecovillage's Inbound and Outbound Initiatives, Aditi Vivek Mishal, <b>Mumbai</b>				
2.59 -3.09 pm	<b>A35:</b> Removal of Heavy Metals from Aqueous Solution Using Ficus benghalensis as a biosorbent: A Kinetic and Isotherm Study, Harshala V. Kasalkar, Namrata Kislay, Nilesh D. Wagh, Geeta Malbhagem, <b>Mumbai, India</b>				
3.09- 3.19 pm	<b>A49:</b> Sustainable Water Resource Management Solutions using Design Thinking Principles and Innovative Hollow Shaft Technology: A Case Study at Village Kheware in Maharashtra, Naimesh R Tungare, Anuja Agarwal, D.G.Jha, <b>Mumbai, India</b>				
3.19 - 3.29 pm	<b>A83:</b> Bioremediation of Sulfate in Water Environment: An Overview of Removal Pathways and Influencing Factors, Sreekanth Yadav Golla, Pranab Kumar Ghosh, <b>Guwahati, India</b>				
3.29 - 3.39 pm	<b>A84:</b> Recent Sustainable Advancement in Phosphorus Removal and Recovery from Slaughterhouse Wastewater: A Review, Md. Adim, Mohd Imran Siddiqui, Yaser Saleem Siddiqui <sup>3</sup> , Farrukh Basheer, <b>Aligarh, India</b>				
3.39 - 3.49 pm	<b>A91:</b> Sponge Gourd (Luffa cylindrica) as a Sustainable Adsorbent for Mitigating, Akankshya Duari <sup>1</sup> and Sandhimita Mondal, <b>Kolkata, India</b>				



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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

3.49 - 3.59 pm	<b>A94:</b> Imperatives of science of sewage for designing efficient Wastewater Treatment system: Beyond conventional approach to sewage management, Snehal Donde, U Muni Raval, <b>Mumabi, India</b>	
3.59 - 4.09 pm	<b>A132:</b> Utilising a fill-and-draw activated sludge system for the treatment of hypo sludge wastewater, Ackrad Seth Shimwense, Dasarathy,A.K,M.Tamilselvi,Ranjith Kumar R4,S.Kavitha5 and S.Ponkumar Ilango, <b>Tamil Nadu, &amp; Bengaluru, India</b>	
4.09 - 4.25 pm	Question Answer & Discussion	
4.25 – 4.30 pm	Chair summary & Thanks giving, Group Photo	
	<b>Tea Break</b>	
<b>DAY 1: 4<sup>TH</sup> SESSION</b>	<b>1<sup>st</sup> Day 4<sup>th</sup> Session Slots: 4.30 pm – 6.15 pm</b>	
<b>SS 5: Day 1-41 Room C202 4.30 - 6.15 pm</b>	<b>UNCRD Special Session on 3r and Circular Economy (Contd. From previous session SS1)- III. Session b: strategies and actions to promote 3r and circular economy in various waste streams</b>	<b><a href="#">Click to Join</a></b>
<b>Hall Managers</b>	Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal Shreyans Surana	
	Organizer: United Nations Centre for Regional Development (UNCRD) of Division for Sustainable Development Goals (DSDG) / UN DESA	
	Co-organizer: International Society of Waste Management, Air and Water (ISWMAW)	
<b>Co-Chairs</b>	Choudhury Rudra Charan Mohanty, Environment Programme Officer, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA, Japan. Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India.	
	<b>Facilitator/ Moderator:</b> Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA, Japan.	
	<b>Rapporteur:</b> Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA, Japan.	
4.30-4.50pm	Experiences with circularity of Construction and Demolition waste management (20 mins) - by N.B. Mazumdar, International Academy of Environmental Sanitation and Public Health, India (Online Presentation)	
4.50-5.10pm	Strategies, Actions, and Public-Private Partnership to Promote 3R and Circular Economy for E-Waste Management (20 mins) - by Amit Jain, IRG Systems South Asia Pvt. Ltd., India (Physical Presentation).	
5.10-5.30pm	Climate robust and resilient waste management pilot in Ayodhya (20 mins) – by Suneel Pandey, Senior Director, The Energy and Resources Institute, India (Online Presentation).	



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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

5.10 - 6.00pm	Open discussion	
	Closing Remarks	
6.00 - 6.05 pm	Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India	
6.05 - 6.10 pm	Choudhury Rudra Charan Mohanty, Environment Programme Officer, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan	
6.10-6.15pm	Thanks Giving and Group Photo	
	Please join the Cultural Program in the auditorium at 7 pm and Reception Dinner at 8.00pm	
<a href="#">SS6: Day 1-42 Room C203</a> <a href="#">4.35-6.15 pm</a>	<a href="#">Business to Business Session: Sponsors to interact among the industries for business development</a>	<a href="#">CLICK TO JOIN</a>
<b>Hall Manager</b>	Dr. Rahul Baidya, Milind Gawai: Riya Jain, Astik Pandey, Radhika	
4.30 pm	To announce soon	
	Please join the Cultural Program in the auditorium at 7 pm and Reception Dinner at 8.00pm	
<b>PS1 Day 1-43 Room C204</b> <b>4.30-6.55 pm</b>	<b>Plenary Session: Circular Economy, Resource Efficiency and Decarbonization</b>	<a href="#">CLICK TO JOIN</a>
4.30 pm - Introduction	Chair: Prof. Sadhan K Ghosh, ISWMAW	Co-Chair: Prof. P. Agamuthu
<b>Hall Manager</b>	Dr. Ipsita Saha, Harnesh Makhija: Jairaj Bhansali, Chirag, Makena V M Patrudu, Parithy Malan,	



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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

4.35 – 4.50pm	Policy Design for Sustainable Consumption and Production (SCP), Dr. Yasuhiko HOTTA, Area Leader, PCA, SCP Area, IGES, Japan	
4.50 – 5.05 pm	Circular Economy implementation in India – A paradigm Shift. Prof. Sadhan K Ghosh, ISWMAW, Kolkata, India	
5.05 – 5.20 pm	<a href="#">Regulation and its implementation in support of Circular Economy in Andhra Pradesh, India</a> , Dr. Prasada Rao, AP Pollution Control Board, India	
5.20 – 5.35 pm	<b>A209:</b> Innovation for the Circular Transformation of Manufacturing, Rene VAN BERKEL, Thailand	
5.35 – 5.50 pm	<b>A42:</b> Egyptian Low-cost Ceramic Water Filters for Separation of Humic acid and Oil particles from Wastewater, Sh. K. Amin, D. Rashad, M. S. Mansour, H. Abdallah, Egypt	
5.50 – 6.05 pm	<b>A242:</b> Asian Perspective on Solid Waste Management developments in the last five Decades, Agamuthu, P.1, Sandhya Babel, Malaysia & Thailand	
6.05 – 6.20 pm	<b>A248:</b> Problems Associated with an Open Dump Site at Khulna city of Bangladesh and Its Possible Solution, Prof. Dr. Md. Rafizul Islam, KUET, Bangladesh	
6.20 – 6.35 pm	Discussion, Chair Summary and Thanks giving	
6.35 – 6.55pm	Group Photo	
	<b>Please join the Cultural Program in the auditorium at 7 pm and Reception Dinner at 8.00pm</b>	
<b>SS 7: Day1-44 Room; C302</b> <b>4.30 – 6.40 pm</b>	<b>Panel Discussion on Waste Management and CE in Pharma Industries &amp; Pollution Control organised by Visakha Pharmacy Industries, Visakhapatnam, AP, India</b>	<b><a href="#">CLICK TO JOIN</a></b>
4.30 pm Introduction	Chairs: Dr. P. Prasada Rao, APPCB and Dr.P. P. Lal Krishna, MD, Visakha Pharma City, Viasg	
<b>Hall Manager</b>	<b>Raktim Dasgupta, Sangeetha Rajesh: Madhav Asija, Anushri Bag, Bandi Lokesh Reddy,</b>	
4.35 – 4.50 pm	<b>Keynote Speech: A255:</b> Sustainable Waste Management and Circular Economy in a Theme Based Pharma Park, Jawaharlal Nehru Pharmacy, Visakhapatnam, Dr P P Lal Krishna, MD, BisakhaPharmacy Ltd., <b>Visag, India</b>	
4.50 - 5.05 pm	<b>Keynote Speech:</b> Dr. P. Prasada Rao, Join Chief Environmental Engineer (FAC), AP Pollution Control Board, Vishakkhapatnam, India, MD, BisakhaPharmacy Ltd., <b>Visag, India</b>	
5.05 - 6.05 pm	12 Pharmaceutical Industry representatives Will speak for 5 minutes each.	
6.05-6.25pm	Open House Discussion	
6.25-6.35pm	Chair Summary,	
6.35-6.40pm	Closing Remark, Prof. Sadhan Kumar Ghosh, President, ISWMA W	





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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

	Thanks giving and Group photo	
<b>TS 3A: Day1-45 Room; C303; 4.30–6.15 pm</b>	<b>Waste Management - Plastic waste, e-wastes &amp; other Aspects of WM</b>	<b><a href="#">Click &amp; Join</a></b>
<b>4.30 pm Introduction</b>	Chair: Dr Sudhir Tyagi, IIT Delhi,	Co-Chair: Dr Sutripta Sarkar ISWMAW, Kolkata
<b>Hall Manager</b>	Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,	
4.35- 4.45pm	<b>A178:</b> Recycling of Polyester fabric for application in polyurethane coatings, Saurabh Vijay Sursure <sup>1</sup> , Neel Umesh Godbole <sup>1</sup> , Anagha Shyamsundar Sabnis, <b>Mumbai, India</b>	
4.45- 4.55pm	<b>A188:</b> Ganesha Ecosphere Limited: A Sustainable Approach to PET Recycling, Rushi Anandan Karichalil, <b>Mumbai, India</b>	
4.55- 5.05pm	<b>A217:</b> Agro- and Agro-processing Wastes to Clean & Green Energy: Smoke free Rural Global South, Dr.S. K. Tyagi, IIT Delhi, <b>India</b>	
4.05- 5.15pm	<b>A236:</b> Comparative assessment of degradability of polyolefinic packaging films in different media in contrast to biodegradable PLA and synthesized potato starch film, Deepshikha Datta, Mahima Mutsuddi, Bimal Das, Kolkata & <b>Durgapur, India</b>	
4.15- 5.25pm	<b>A56:</b> Public Sectors' Investment Risks Perceptions Modelling in PPP based Solid Waste Management Projects for Creating Circular Economy in Nepal, Mukesh Ghimire, Sudeshana Pandey, JongRoul Woo, <b>Nepal,</b>	
4.25- 5.35pm	<b>A245:</b> Recycling and Utilization of Waste Printed Circuit Boards, Ishita De, Rahul Baidya, Centre for Research and Innovation, Department of Mechanical Engineering, Institute of Engineering & Management, <b>Kolkata, India</b>	
4.35- 5.45pm	<b>A235:</b> Strategy to Reduce the Environmental and Health Impacts of Domestic Cooking Applications by Replacing Traditional Cookstoves, R. Sharma, SP Parameswaran, OP Kurmi, SK Upadhayay, SK Tyagi, IIT Delhi, India, Coventry University, United Kingdom, KJSIM, <b>Mumbai, India</b>	
4.45- 5.55pm	To continue	
5.55 – 6.10pm	QA, and Discussion	
6.10-6.15pm	Chair Summary, Thanks Giving, Group Photo	
	<b>Please join the Cultural Program in the auditorium at 7 pm and Reception Dinner at 8.00pm</b>	



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<b>SS 8: Day1-46 Room C304</b> <b>4.30 – 6.35 pm</b>	<b>Waste Management &amp; Circular Economy in African Countries (Technology, Legislation) - 1</b>	<b><a href="#">Click &amp; Join</a></b>	
<b>4.30pm Introduction</b>	Chair: Dr. Aida Ben Hassen, Tunisia	Co-Chair: Prof. Davil Ollukanni, Covenant University, Nigeria	
<b>Hall Manager</b>	Ms. Padma Gunde, Ms. Sonali Roy Choudhury, Brajesh Bolia, Aashika Jain, Ms., Khushi Kesharwani, V Rajesh,		
4.35- 4.45pm	<b>A124:</b> Assessment of Date palm biomass wastes valorization using Py-GCMs with focus on renewable biofuels and bio-chemicals production, Gmar Bensidhom <sup>1</sup> , Miriam Arabiourrutia <sup>2</sup> , Martin Olazar <sup>2</sup> , Fatma Bhiri <sup>1</sup> , Aida Ben Hassen Trabelsii, <b>Tunisia &amp; Spain</b>		
4.45- 4.55pm	<b>A41:</b> Circular Economy and Waste Management in Kenyan Policies and Frameworks, Amb. Prof. Michael K. Koech, Mr. Kaburu J. Munene, Philip N. Wangia, <b>Kenya</b>		
4.55- 5.05pm	<b>A224:</b> Analysis Circular Economy Opportunities and Challenges for SMEs in the E-Waste and Plastics Sectors in Ghana, Amfo-Otu, R., 2 <sup>Quartey</sup> , Q. Q., & Foster, D., <b>Ghana &amp; UK</b>		
5.05- 5.15pm	<b>A190:</b> The prospect of recovering bio-fertilizer by anaerobic co-digesting cow manure, palm oil sludge, and cassava peels, Mwigine J. Kamlenga, D. O. Oluokanni, T. Mkandawire, <b>Nigeria</b>		
5.15- 5.25pm	<b>A127:</b> Pyrolysis kinetics of pinewood and influence of process conditions on biochar properties, Assia Maaoui <sup>1,2*</sup> , Raouia Chaghtmi <sup>1,2</sup> , Maria Cortazar <sup>3</sup> , Gartzén Lopez <sup>3,4</sup> , Asma Ben Abdallah <sup>5</sup> , Fatma Bhiri <sup>1</sup> , Martin Olazar <sup>3</sup> , Aida Ben Hassen Trabelsi, <b>Tunisia &amp; Spain</b>		
5.25- 5.35pm	<b>A113:</b> Constructed Wetland as a Sustainable Way of Managing Hospital Effluents: A Review, Emma K. Nsafoah <sup>1,2*</sup> , Bernard Fei-Baffoe <sup>1</sup> , Alhassan Sulemana <sup>1</sup> , Kodwo Miezah <sup>1</sup> , Kofi S. Boateng <sup>3</sup> , David Azanu <sup>1</sup> , Kwame O. Buabeng, <b>Ghana</b>		
5.35- 5.45pm	<b>F44:</b> Exploring The Nexus Of Clean Energy And Plastic Waste Management In Lagos, Oluwamurewa Ayomidotun Newo, Ogagaoghene E. Odokuma, Felix Chidozie, Samuel Sanni, <b>Nigeria</b>		
5.45- 5.55pm	<b>A 257:</b> Application of Hybrid Solar-Powered Electrocoagulation and Electrooxidation System for Textile Wastewater Treatment, Yemane G. Asfaha, Feleke Zewge, Teketel Yohannes, Shimelis Kebede, Adama Science and Technology University, Adama, & Addis Ababa University, <b>Addis Ababa, Ethiopia</b>		
5.55 – 6.05pm	<b>A 257:</b> Effects of waste management on real estate valuation Case of landfills, M. Farhaoui, Pr. C. Slimani, Sidi Mohamed Ben Abdellah University, ESSOR Lab, Fes, <b>Morocco</b>		
6.05- 6.15pm	<b>A260:</b> Investigating Geostationary Temperature of the Nocturnal Transition within the Surface Boundary Layer Using Fourier Spectral Technique in Port-Harcourt, Kudirat O. Adeyemi <sup>1</sup> , Henry O. Boyo <sup>2</sup> , Friday B. Sigao, <b>Nigeria</b>		
6.15 – 6.25pm	QA, and Discussion		
6.25- 6.35pm	Chair Summary, Thanks Giving, Group photo		
<b>Please join the Cultural Program in the auditorium at 7 pm and Reception Dinner at 8.00pm</b>			



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<a href="#">TS 4 Day 1-47 Room C402</a> <a href="#">4.30-6.30 PM</a>	<a href="#">Waste Utilisation and Circularity -1</a>	<a href="#">CLICK TO JOIN</a>
4.30pm	Chair: Dr. YLP Thorani, GITAM, India	Co-Chair: Dr. L. Hari, KJSIM, Mumbai, India
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam, ,	
4.35- 4.45pm	<b>A78:</b> Impact of Mango waste on Soil Physico-chemical, biological, and enzyme activities, N. Sai jyothi, E. Sandhya Rani S.Anitha, G.Narasimha, <b>Tirupati, India.</b>	
4.45- 4.55pm	<b>A69:</b> An experimental study on the effectiveness of combination of marble dust and jute fibre with lime for improving subgrade pavement soil, Sandeepan Saha <sup>1</sup> , Sumit Kr. Biswas, Subhojit Chattaraj, Sandip Sarkar, <b>Kolkata, India</b>	
4.55- 5.05pm	<b>A5:</b> Development and study of acoustic performance of Noise Barriers by using waste material, Shailendra Joshi, Geeta Malbhage, . Nilesh Wagh, <b>Mumbai, India</b>	
4.05- 5.15pm	<b>A6:</b> From Trash To Treasure: Sustainable Management of Furniture Waste In Selected Educational Institution -A Pilot Study, Suraksha Narang <sup>1</sup> , Dr. Urvashi Mishra, <b>Baroda, India</b>	
4.15- 5.25pm	Mitigating Kanamycin Contamination: Bagasse as an Eco-Friendly Adsorbent for Environmental Protection, Anannya Sengupta <sup>1</sup> and Sandhimita Mondal <sup>1</sup> , <b>Kolkata, India</b>	
4.25- 5.35pm	<b>A188:</b> A Case Study: Strategic Adoption of Upcycling Practices by Sustainable Fashion Brands, Divya M Jaitly, Karishma Desai , Arpita Purohit., <b>Mumbai, India</b>	
4.35- 5.45pm	<b>A58:</b> Green Synthesis and Characterization of Copper Nanoparticle from Moringa oleifera Flower and Assessment of Its Antibacterial Activity, K. Gajarmal, N. Patil, P. Kumbhar, S. Kumbharkar, <b>Pune, India</b>	
4.45- 5.55pm	<b>A61:</b> Alkali Activation Technology for Production of Eco Bricks/Blocks- A Review, Manjunath Sharanappanavar <sup>1</sup> and Dr. A. K. Dasarathy, <b>Bengaluru, India</b>	
5.55 – 6.10pm	<b>A62:</b> Utilization of Petroleum Coke Combustion By-products: An Approach towards Circular Economy, Varsha Parmara, Prabha Padmakaran, Mohd. Akram Khana., <b>Bhopal &amp; Ghaziabad</b>	
6.10 – 6.15pm	QA & Discussion	
6.15 – 6.30pm	Chair Summary Presentation and Thanks Giving	

**7 pm: Cultural Program at the auditorium**

Bonjour 🇫🇷 KJSIM is organising a special international cultural evening on 29th Nov for IconSWMCE participants. Rediscover cinematic classics through a different lens 🎬🎵. Alliance Française de Bombay and K J Somaiya Institute of Management, Somaiya Vidyavihar University, with the support of the French Institute in India, the Cinémathèque Française (CF), and the National Film Archive of India (NFAI) are thrilled to bring to you — Moving Pictures: Rare Indian and French gems from the Silent Film Era with live music! 🎹 The Ciné-Concert is performed by the French duo: 🎹 Robert Piéchaud (on piano) & 🎷 Stan de Nussac (on saxophone)



**Principal Organisers:** International Society Waste Management, Air and Water (ISWMAW)  
K J Somaiya Institute of Management, Vidyavihar University, Mumbai, India  
International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

So, join us in experiencing the magic as cinema and music intertwine in a perfect harmony 🎬🎵🌟📅 Wednesday, 29 November 2023 | 6.00 pm 📍 Auditorium: Smt Sakarben Karamshi Somaiya Sabhagraha, Somaiya Vidyavihar University Free for All conference participants | Limited seats Delicious dinner are arranged after music concert(for registered participants of IconSWM conf)

<b>8.00 – 10.30pm</b>	<b>Reception Dinner; Venue to be announced soon</b>	<b>Reception Dinner; Venue to be announced soon</b>
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**DAY 2; 30.11.2023<sup>nd</sup>Day 1<sup>st</sup>Session Slots: 9.30am – 11.10 am**

**Sessions : 9.30 am to 11.10 am**

<b>SS9: Day 2-11Room C202 9.30 am- 11.10 am</b>	<b>Industrial Symbiosis for Circular Economy in Maharashtra</b>	<b><a href="#">CLICK TO JOIN</a></b>
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Chair:	Co-chair:
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<b>Hall Managers</b>	<b>Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal Shreyans Surana</b>
	<b>To announce</b>

<b>TS 5 : Day 2 -12, Room C203; 9.30 – 11.10 am</b>	<b>Environmental Sustainability</b>	<b><a href="#">CLICK TO JOIN</a></b>
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9.30Introduction	Chair: Prof. Dr. Aditi Vivek Mishal, Atlas Skilltech University, Mumbai	Co-Chair: Dr Shilpi Kapoor, VP, Env Mngt Centre, Mumbai
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<b>Hall Manager</b>	<b>Dr. Rahul Baidya, Milind Gawai: Riya Jain, Astik Pandey, Radhika</b>
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09.35 – 9.45 am	<b>A59:</b> Circular Economy framework and management insights: A study of Indian fertilizer and chemical industry, Abhinav Katiyar & Vidyadhar V. Gedam, IIM <b>Mumbai, India</b>
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09.45 – 9.55 am	<b>A32:</b> Trace the Waste: An Educational Game on Waste Management Adithi Muralidhar, HBCSE, TIFR , Amruta Jategaonkar, Anisha Malhotra Dalvi, <b>Mumbai</b>
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9.55 – 10.05am	<b>A134:</b> Zero waste approach for sustainable Food Management- A Case Study at Atlas University Cafeteria, Mumbai, Shilpi Kulshrestha, Aditi Mishal, Atlas Skill Tech University, <b>Mumbai</b>
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10.05- 10.15 am	<b>A169:</b> Monitoring the carbon footprint of manufacturing process: a methodological proposal, Raktim Dasgupta <sup>1</sup> , Saddhan Kumar Ghosh <sup>2</sup> , Arup Ranjan Muukhopadhyay, <b>Kolkata</b>	
10.15- 10.25 am	<b>A74:</b> How Green Entrepreneurship evolved over the past two decades? A glance through Bibliometric analysis, Rashmi Shrivastava, Neelika Arora, Neeraj Dhiman, <b>Jammu</b>	
10.25- 10.35 am	<b>A193:</b> Unveiling Mumbai's Environmental Crucible: A Study on Climate Change, Air Pollution, and the Alarming Specter of Smog amidst preparations for UNFCCC COP 28, Aditi V Mishal, Aditya Gupte, ATLAS SkillTech University, <b>Mumbai</b>	
10.35- 10.45 am	<b>A11:</b> Circularity interventions in MSW sector: LCA Mapping, Hema Diwan, Juan Mandy, Jitender Singh, Hitesh Kavasias, <b>Mumbai,</b>	
10.45- 10.55 am	<b>A223:</b> Unraveling the Impact of Greenwashing in the Fast Fashion Industry, Kajal Bhojwani, Karishma Desai, Shweta Loonkar, <b>Mumbai</b>	
10.55- 11.05 am	QA, and Discussion	
11.05- 11.15 am	Chair Summary, Thanks Giving	
	<b>Tea Break</b>	
<b>SS10: Day 2-13; Room C204</b>		<b>Resource Circulation in Pharmaceutical Industries</b>
<b>9.30 – 11.10 am</b>		<b><a href="#">CLICK TO JOIN</a></b>
9.30Introduction	<b>Chair:</b> Mr. M. Divi Rao, Former Director, DIVIs Laboratory, Visag, India	<b>CoChair:</b>
<b>Hall Manager</b>	<b>Dr. Ipsita Saha, Harnesh Makhija: Jairaj Bhansali, Chirag, Makena V M Patrudu, Parithy Malan,</b>	
11.35 am – 12.35 pm	<b>A110: Industrial Waste Management is totally different from Municipal/City Waste Management - Case studies on Resource Circulation and Business Potential in Pharmaceutical Industries</b>	
12.36 – 1.00pm	QA & Discussion	
	Chair Summary & Thanks Giving	
	<b>Lunch Break</b>	
<b>SS11: Day 2-14 Room C302</b>		<b>Philippines - Waste Management &amp; Circular Economy - [Speakers Online]</b>
<b>9.30-11.10am</b>		<b><a href="#">CLICK TO JOIN</a></b>
09.30 am- Introduction	<b>Chair:</b>	<b>Co-Chair:</b> Dr. Lynlei Pintor, Philippines



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<b>Hall Manager</b>	<b>Raktim Dasgupta, Sangeetha Rajesh: Madhav Asija, Anushri Bag, Bandi Lokesh Reddy,</b>	
09.35 – 9.45 am	<b>A194:</b> Performance Of A Continuous-Flow Rice Husk Gasifier For Rack Oven, Catherine DR. Pueyo, <b>Philippines</b>	
09.45 – 9.55 am	<b>A171:</b> E-Waste and Circular Economy: Present and Future Prospects in the Philippines, Arturo Mariano I. Figueroa, <b>Philippines,</b>	
9.55 – 10.05am	<b>A320:</b> Complementarities of the Circular Economy and Green Productivity, The Case of the Philippines, Lynlei L. Pintor, <b>Philippines</b>	
10.05- 10.15 am	<b>A231:</b> Waste Management Technologies Towards a Circular Economy in the Philippines, Josel B. Godezano and Lynlei L. Pintor, <b>Philippines</b>	
10.15- 10.25 am	<b>A232:</b> Factors Affecting the Use of Eco-Friendly Food Packaging in Micro, Small, and Medium Enterprises (MSMEs) in Ibaan,Batangas, Philippines	
10.25- 10.35 am	<b>A233:</b> Environmental Governance in the Context of Zero Waste Management:A Case Study of Circular Economy in Siquijor Island, Philippines, Arlen A. Ancheta; Norman Moises Z. Garcia; Maria Rosario Virginia C. Garcia; Alain Santos,Racquel Layco; and Arnold Distor, <b>Philippines</b>	
10.35- 10.45 am	<b>A234:</b> Total Economic Value of Zero Waste Management in Siquijor Islands, Philippines, Alain Jomarie G. Santos, Arlen Ancheta, Ma. Rosario Garcia, Arnold Distor, Racquel Layco, and Moises NormanGarcia, Philippines	
10.45- 10.55 am	<b>A240:</b> A Study on the Disaster Resiliency of Siquijor Island, Philippines, Racquel Layco, Arlen A. Ancheta, Moises Norman Z. Garcia, Maria Rosario Virginia Cobar-Garcia,Philippines	
10.55- 11.05 am	QA & Discussion	
11.05- 11.15 am	Chair Summary, Concluding Remarks by Dr. Asit Aich, Group Photo	
	<b>Tea Break</b>	
<b>SS12: Day 2-15; Room C303</b>	<b>Bio Medical Waste Management</b>	<b><a href="#">CLICK TO JOIN</a></b>
<b>9.30 am- Introduction</b>	Chair: <b>Dr Manisha Bobade, CEO, Somaiya Hospital (tbc)</b>	Co-Chair:
<b>Hall Manager</b>	<b>Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,</b>	
	<b>Details will be announced soon.</b>	
<b>TS 6: Day 2-16 Room</b>	<b>Energy Recovery from Wastes</b>	<b><a href="#">CLICK TO JOIN</a></b>



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<b>C304</b>		
<b>9.30-11.20 am</b>		
9.30am- Introduction	Chair: Dr Dirk Hartel, DHBW, Stuttgart, Germany	Co-Chair: Dr. Asit Aich, ISWMAW. Kolkata
<b>Hall Manager</b>	<b>Ms. Padma Gunde, Ms. Sonali Roy Choudhury, Brajesh Bolia, Aashika Jain, Ms., Khushi Kesharwani, V Rajesh,</b>	
9.35 – 9.50am	<b>Session Keynote:</b> Biomass based Biorefinery - And Sustainability, Dr. Sangeeta Srivastava, Executive Director, Godavari Biorefineries Limited (GBL), <b>Mumbai, Maharashtra, India.</b>	
9.50 – 10.00am	<b>A149:</b> Auto-Gasification of Seaweed: A Sustainable Approach for Energy Production and Waste Management, Vishal Devarajan, Sutharsanan Viknesh Machappuli, Kamelash Kannan, Revathy Subbiah Rajaram and Kirubakaran Victor, <b>Tamil Nadu, India</b>	
10.00 – 10.10am	<b>A20:</b> Energy Recovery from Wastewater Through Phytoremediation Treatment, Dinesh Kumar M, Sadhan Kumar Ghosh, Prasanta Kumar Dey, Amit Dutta, <b>Kolkata &amp; UK</b>	
10.10 – 10.20am	<b>A101:</b> Energy Intensification in Waste To Energy Plant, Suviitra A, Mundhe Akash Antram, Pavan Totla, <b>Pune, Maharashtra, India</b>	
10.20 – 10.30am	<b>A55:</b> Performance of dual-fuel (DF) engine powered with the biogas derived from sugar cane bagasse and diesel injection at optimized injection timing, Hemanth Kumar K. J, B. Sadashive Gowdab, Jyothilakshmi. R, N. R. Banapurmath, <b>Bangalore, India</b>	
10.30 – 10.40am	<b>A13:</b> Biogas production as renewable energy resource: developments & implementation strategies, Oluwadare Joshua OYEBODE, <b>Nigeria</b>	
10.40 – 10.50am	<b>A150:</b> Co-Digestion of Poultry and Sago Waste- A Pathway for Sustainable Waste Management, Revanth Mani, Salai Muthu Kumaran Muthuvadivelan, Preethi Ravichandran, Tharani James Jayabal, Lalith Pankaj Raj Nadimuthu and Kirubakaran Victor, <b>Tamil Nadu, India</b>	
10.50 – 11.00am	<b>A2:</b> Design and development of adsorption cooling system, Pushpa Patil, <b>India</b>	
11.00 – 11.10am	<b>A266:</b> Bioethanol Production From Coconut Husk Using Fermentation Method, G. Swathi1, D. Dhanaraja2*, P. Balaganesh, <b>Namakkal, India</b>	
11.10-11.15am	QA, Discussion	
11.15-11.20am	Chair Summary, Thanks giving and Group photo	
<b>Tea Break</b>		
<b>TS 7: Day 2-17 Room</b>	<b>Business, Community and Informal Sectors – 1</b>	<b><a href="#">CLICK TO JOIN</a></b>
<b>C402</b>		
<b>9.30-11.20 am</b>		
9.30 am - Introduction	Chair: Dr. Raman Ramchandran, Director, KJSIM	Co-chair: Prof. Satyendra Upadhyay, KJSIM, Mumbai, India
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam,,	



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

9.35 – 9.45 am	<b>A33:</b> A study analyzing the effect of sustainable waste management on financial performance of NSE Companies, Kamalika Ray, Shruti Sandeep Chavarkar, <b>Mumbai, India</b>
9.45 – 9.55 am	<b>F64:</b> Empowering women entrepreneurs: catalysts for effective commercial waste management, Afsal F, Drisya Das A S, <b>Kerala, India</b>
9.55 – 10.05 am	<b>A247:</b> Self-Help Groups Managing Waste in Rural Areas of Myruru, Giresh Mohan1*, Harish HR Bubu2, Manoj M., ITC Limited, <b>Kolkata, Bangalore, Mysuru, India</b>
10.05 – 10.15 am	<b>A72:</b> Efficiency and effectiveness of privatization of waste management services (collection) -a case of Bengaluru city, Ashish Khanal, Bhawna Bali, <b>TERI, New Delhi, India</b>
10.15 – 10.25 am	<b>A121:</b> Semi-Solid Waste Management-Economy, Environment and Employment, Vandana Tripathi, <b>Mumbai, India</b>
10.25 – 10.35 am	<b>A165:</b> Are green initiatives and performance influenced by digitization in manufacturing firms? Evidence from emerging markets, R K Arya, Anjali Singh, <b>Mumbai, India</b>
10.35 – 10.45 am	<b>A215:</b> Applying Agile, Scrum principles to non-software domains such as education, healthcare or social services with the help of Artificial Intelligence, Kushal Naukudkar, Sudarshan Sirsat, <b>Mumbai, India</b>
10.45 – 10.55 am	<b>A51:</b> Impact of Perceived Quality on Purchase intention of consumers – a Meta Analysis, Rajalakshmi Anantharaman, <b>Mumbai, India</b>
10.55 – 11.05 am	<b>A74:</b> How Green Entrepreneurship evolved over the past two decades? A glance through Bibliometric analysis, Rashmi Shrivastava, Neelika Arora, Neeraj Dhiman, <b>Jammu</b>
11.05 – 11.15 am	QA & Discussion
11.15 – 11.20 am	Chair Summary, Thanks, group photo
	Tea Break





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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

<b>2<sup>nd</sup> Day 2<sup>nd</sup> Session Slots: 11.30am – 01.10 pm</b>		
<b>Tea Break</b>	<b>11.30am – 01.10 pm</b>	<b>Tea Break:11.30am – 01.10 pm</b>
<b>SS13: Day 2-21; Room C202; 11.30am – 01.15 pm</b>	<b>Mainstreaming Disaster Waste Management in Asia and the Pacific [highlight topics to prioritize &amp; mainstream Disaster Waste Management in India and Asia (and the world).</b>	<b><a href="#">CLICK &amp; JOIN</a></b>
11.30 am- Introduction	Chair: <b>Prof. MisuzuAsari, JSMCWM, Japan</b>	Co-Chair: Dr. Anupam Khajuria, UNCRD, Japan
<b>Hall Managers</b>	<b>Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal Shreyans Surana</b>	
1135 – 11.47am	<b>A203: Preparation of disaster waste management in Thailand, Assoc. Prof. Dr.Sirintornthep Towprayoon</b>	
11.47 – 11.51am	<b>A202: Disaster Waste Management in Japan - focusing of flood disaster, Prof. Shinya Suzuki</b>	
11.51 – 12.03 pm	<b>A199: Characteristics of the institutional framework for disaster waste governance in Japan,Dr. Ryo Tajima</b>	
12.03 - 12.15 pm	<b>A201: Exploring Guidelines for Disaster Waste Management in Asia, Mr. Shintaro Higashi:</b>	
12.15 - 12.27 pm	<b>A200: Disaster Waste Management from the View of Business Continuity Management, Dr. Glenn Fernandez</b>	
12.27 - 12.39 am	TBD: DWM in India	
12.39 - 1.00 pm	QA & Discussion	
1.00 - 01.15 pm	Chair Summary, Thanks Giving, Group Photo	
<b>Lunch Break</b>		
<b>SS14: Day 2-22; Room C203; 11.30am – 01.15 pm</b>	<b>Solid Waste Management, Future of Mass incineration, vs Latest Technologies, and Sustainable Operations and Circularity</b>	<b><a href="#">JOIN &amp; CLICK</a></b>
11.30am Introduction	Chair: Mr. M. Veera Chary, President, AP Projects, Jindal	Coordinator: Mr. Ravi Shankar, Jindal Urban Waste Management Ltd., Guntur, AP, India



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-	Urban Waste Management Ltd., Guntur, AP, India	
<b>Hall Manager</b>	<b>Dr. Rahul Baidya, Milind Gawai; Riya Jain, Astik Pandey, Radhika</b>	
11.35–11.50 am	Opening Remarks by: Mrs. Shradha Jindal Jatia, Joint Managing Director - For Jindal Saw Group, India AND Prof. Sadhan K Ghosh, President, ISWMAW.	
11.50–12.40 pm	SWM, Future of Mass incineration, vs Latest Technologies, Sustainable Operations and Circularity, Mr. M Veerachary, President, AP Projects, Jindal Urban Waste Management Ltd., Guntur, AP, India	
12.40– 2.50 pm	Deliberation by Expert	
12.50- 1.05 pm	QA and Discussion	
1.05 – .15 pm	Chair Summary & Thanks Giving and Group Photo	
	<b>Lunch Break</b>	
<b>SS15: Day 2-23; Room C204; 12.00pm – 01.40pm</b>	<b>Recent development in Construction and Demolition Waste Management</b>	<b><a href="#">CLICK TO JOIN</a></b>
Introduction	<b>Chair:</b> Dr. C J Engelsen, SINTEF (Foundation for Industrial and Technical Research), Oslo, Norway	<b>Co-Chair:</b>
<b>Hall Manager</b>	<b>Dr. Ipsita Saha, Harnesh Makhija; Jairaj Bhansali, Chirag, Makena V M Patrudu, Parithy Malan,</b>	
12:00-12:15	<b>Session Keynote: A93:</b> Treatment and recycling of C&D waste – Potential for saving natural resources and reduced CO <sub>2</sub> ., Dr. Christian J. Engelsen, Chief Scientist, SINTEF, Norway.	
12:15-12:27	Recycled C&D waste used in concrete production, Mr. Kshemendra Nath P., Managing Director Resilient Energy.	
12:27-12:39	Experiences from C&D waste demolition activities in Mumbai, Mr. Ram Matte, Managing Director Matte Associates.	
12:39-12:51	Experiences with using recycled concrete aggregates in construction project, Dr. Sivakumar Kandasami, General Manager, L&T.	
12:51-01:03	Use of recycled concrete aggregates in concrete block production – Environmental benefits, Ms. Tejashree Joshi, Head - Environmental Sustainability, Godrej Construction.	
01:03-01:15	Economics and business models for enhancing Urban Resilience by recycling C&D materials, Dr. Gaurav Bhatiani, Director, RTI International India.	
01:15-01:30	Discussions and closing remarks	
01:30-01:35	Chair summary,	
01.35 – 01.40 pm	Closing Remarks, Prof. Sadhan Kumar Ghosh, President, ISWMAW	
	Group photo.	
	<b>Lunch Break</b>	



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<b>SS16: Day 2-24; Room C302; 11.30am – 01.10 pm</b>		<b>Waste MANAGEMENT and Circular Economy in European Countries-1</b>	<b><a href="#">CLICK TO JOIN</a></b>
11.30 Introduction	Chair: Prof. Dr. Gert Morscheck, Rostock University, Germany	Co-chair: Prof. Francesco Di Maria, Italy	
<b>Hall Manager</b>	<b>Raktim Dasgupta, Sangeetha Rajesh: Madhav Asija, Anushri Bag, Bandi Lokesh Reddy,</b>		
1135 – 11.47am	<b>A172: Material and energetic use of biogenic residues and wastes, Prof. Dr. Michael Nelles - DBFZ, the German Centre for Biomass Research and Univ. of Rostock, Germany</b>		
11.47 – 11.51am	<b>AXXX: Circular Economy in the EU &amp; Germany – status and development, Prof. Dr. Gert Morscheck - University of Rostock, Germany</b>		
11.51 – 12.03 pm	<b>A28: Environmental consequences from the production of E-Fuel from integrated waste-to-energy and electrolysis system: A Case Study in Italy, M. Ebrahimzadeh Sarvestani, F. Di Maria, University of Perugia, Italy</b>		
12.03 - 12.15 pm	<b>A147: A methodology for life-cycle assessment of blue-green infrastructure in the green city development program, A. Kálmán*, and K. Bene, Hungary</b>		
12.15 - 12.27 pm	<b>A140: Hydrothermal Carbonization of the Organic Fine Fraction from Mechanical Biological Treatment of Municipal Solid Waste, Tommy Ender, Saeideh Kiani Harchegani, Haniyeh Jalalipour, Vicky Shettigondahalli Ekanthalu, Michael Nelles, University of Rostock, Germany</b>		
12.27 - 12.39 am	<b>A131: The use of artificial intelligence in supply chain project management: insights from german organizations, Dirk H. Hartel/Öncü Hazır1), Öncü Hazır, Germany &amp; France</b>		
12.39 - 12.51 pm	<b>A139: Hydro chars from Vietnamese rice straw, Dr. Ruth Gebauer - University of Applied Sciences and Arts Hildesheim/Holzminden/Göttingen, Germany</b>		
12.51 - 01.05 pm	QA & Discussion		
01.05 – 01.15pm	Chair Summary & Thanks Giving		
	<b>Lunch Break</b>		
<b>SS17: Day 2-25; Room C303; 11.30am – 01.30 pm [online]</b>		<b>Marine littering &amp; micro plastic in Asia and the Pacific - Regional &amp; National Rules, action plans and present status –Organised by IGES, Japan, ISWMAW, MoEJ, Japan</b>	<b><a href="#">CLICK TO JOIN</a></b>
<b>Hall Manager</b>	<b>Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,</b>		
Organisers:	International Society of Waste Management, Air and Water (ISWMAW) and Institute for Global Environmental Strategies (IGES) Organisers		
Co-organiser:	Ministry of the Environment, Japan		
Chair:	TBC, Ministry of the Environment, Japan		
Co-Chair:	Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India Chochoe Devaporihartakula, Programme Manager, Institute for Global Environmental Strategies (IGES)		
Facilitator/Moderator:	Premakumara Jagath Dickella Gamaralalage, Director, IGES Centre Collaborating with UNEP on Environmental Technologies (CCET)		
Rapporteur:			



**Principal Organisers:** **International Society Waste Management, Air and Water (ISWMAW)**  
**K J Somaiya Institute of Management, Vidyavihar University, Mumbai, India**  
**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

11:30 – 11:35 AM	Introduction, Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India	
11.35am	Opening Remarks, A representative from Ministry of the Environment, Japan	
11.40-1.00pm	III. Presentation Session	
	Speaker I – VIII (10 mins each) from Japan, Thailand, Cambodia, Myanmar, Vietnam	
1.00 – 1.25pm	Q&A and Discussion	
1.00-1.30pm	Closing Remarks, Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India	
<b>TS8: Day 2-26; Room C304; 11.30am – 01.10 pm</b>	<b>Recent Trends in Circular Economy</b>	<b><a href="#">CLICK &amp; JOIN</a></b>
11.30 am Introduction	Chair: Mr. C R C Mohanty, UNCRD, Japan	
<b>Hall Manager</b>	<b>Ms. Padma Gunde, Ms. Sonali Roy Choudhury, Brajesh Bolia, Aashika Jain, Ms., Khushi Kesharwani, V Rajesh,</b>	
	<b>F25: Financing the Circular Economy Models, Anupama Rathore, India</b>	
	<b>A175: A Neutrosophic AHP-based approach for evaluating the importance of Circular Economy practices in SMEs, Sai S. Nudurupati.1, Raja P. Pappu.2, Thorani L. P. Yediballi. 3, Dey, P. K. 4, and Annamdevula, S., Visakhapatnam, India &amp; UK</b>	
	<b>A85: Building a Circular Economy for Textiles in India through an Extended Producer Responsibility, Suneptula S Jamir, India</b>	
	<b>A115: Accelerating circular economy using digital transformation, Vijay Karna, Mumbai</b>	
	<b>A170: Sustainable Production in the Primary Steel Sector via Resource efficiency, Raktim Dasgupta1, Saddhan Kumar Ghosh, Arup Ranjan Muukhopadhyay, Ipsita Saha, Kolkata, India</b>	
	<b>A08: Closing the Loop: Regenerating Residue Through Circular Economy Approach, Ms. Geethalakshmi K, Sanjay Rode, Mumbai, India</b>	
	<b>A241: Adoption of Circular Practices, to enhance Organizational Resilience-A Case Study Approach, Balaji B Vedula1, Sai S Nudurupati, Visakhapatnam, India.</b>	
	<b>A162: Advancing towards a 3R and Circular Economy Model for Waste management, Pradeep Amatya, India</b>	
	<b>A16: Strategies For Advancing Green Building And Resource Recovery In Nigeria, Oluwadare Joshua OYEBODE, Nigeria</b>	
	QA & Discussion	
	Chair Summary & Thanks Giving	
	<b>Lunch Break</b>	



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<b>SS 18: Day 2-27; Room C402; 11.30am – 01.15 pm</b>		<b>Waste Management &amp; Circular Economy in Asia Pacific Countries [Nepal, Taiwan, Vietnam, India] [online session]</b>	<b><a href="#">CLICK TO JOIN</a></b>
	<b>Chair:</b> Prof.Nawa Khatiwada, <b>Nepal</b>	<b>Coordinators:</b> Dr. Hoang Thanh Huong, and Dr. Le Thi Tuyet Mai of Dong A University, <b>Vietnam</b>	
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam, ,		
	<b>A82:</b> Reducing Carbon Footprints in Textile Production: A Study of DyeCoo's Waterless Dyeing and Its Impact on GHG Emissions, Le Hoang Ngoc, Lien T.K. Trinh, Le Thi Tuyet Mai, Anh Hoang Le, <b>Vietnam &amp; Taiwan</b>		
	<b>A98:</b> <b>Low-cost Material Derived from Coconut Husk for the Removal of Chromium (VI) from Water Environment</b> , Minh Duc VU 1, 2, Viet Anh HOANG 1 *, Duc Bao NINH1, Duc Loi VU, <b>Vietnam</b>		
	<b>A182:</b> Endorsement of Plastic Waste and E-waste into the Circular Economy by Fabrication and Recovery Back Process, Milan Bohara, Sashi Kiran Thapa, Nischal Maharjan, Kiran Gurung, Krishna Deo, Jyoti Giri, <b>Nepal</b>		
	<b>A54:</b> Reverse Logistics for Fostering Circular Economy, Shilpi Kapur Bakshi, Viraj Joshi, <b>Mumbai</b>		
	<b>A183:</b> Circular Economy by Fabrication and Recovery using Plastic Waste and E-waste, Jyoti Giri, Rameshwar Adhikari, Mamata Adhikari, Deeya Tamang, Hemraj Joshi, <b>Nepal</b>		
	<b>A81:</b> Evaluation of Factors Influencing Students' E-Waste Recycling Intention Among Households in Ho Chi Minh City, Vietnam, Le Thi Tuyet Mai1*, Do Phuong Thao1, Hoang Anh2, Nguyen Lam Hong Chau1, Lien T.K. Trinh 3, Anh Hoang Le, <b>Vietnam &amp; Taiwan</b>		
	<b>A71:</b> Securing Livelihoods through Municipal Waste: The Case of Informal Waste Workers in Kathmandu Metropolitan City, Nepal, Ashish Khanal1, Bhawna Bali, <b>New Delhi, India</b>		
	<b>A97:</b> Adsorptive Removal of Flouride from Aquatic Environment by Coffee Residue modified with Cerium Oxide, Lai Duc VU1, Thi Linh BUI2, Quynh Dung LE1, Duc Loi VU1, Viet Anh HOANG, <b>Vietnam</b>		
	<b>QA &amp; Discussion</b>		
	<b>Chair Summary &amp; Thanks Giving, Group Photo</b>		
	Lunch Break		
	<b>LUNCH BREAK</b>		



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**2<sup>nd</sup> Day 3<sup>rd</sup> Session Slots**

<b>SS19: Day 2-31; Room C202; 2.30am – 4.10 pm</b>		<b>UNCRD special session on IPLA – a SDG Partnership Session A: strategies, actions and public-private-partnership to promote 3r and circular economy in various Waste streams</b>	<b><a href="#">CLICK TO JOIN</a></b>
<b>Hall Managers</b>	Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal Shreyans Surana		
	Organizer: United Nations Centre for Regional Development (UNCRD) of Division for Sustainable Development Goals (DSDG) / UN DESA		
	Co-organizer: International Society of Waste Management, Air and Water (ISWMAW)		
Co-Chairs	Choudhury Rudra Charan Mohanty, Environment Programme Officer, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan. Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water		
	<b>Facilitator/ Moderator:</b> Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, (UNCRD)- DSDG/UN DESA, Japan.		
	<b>Rapporteur:</b> Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA, Japan.		
	Circular Economy strategies for small WEEE: Perspectives from Australia (20 mins) – by GimhanJayasiri, Sunil Herat and Prasad Kaparaju, Griffith University, Australia (Online Presentation).		
	Cities, food and circularity (20 mins) - by Paramita Datta Dey, National Institute of Urban Affairs, India (Online Presentation).		
	Circular Economy strategies, action to promote efficient and sustainable hazardous and chemical waste (20 mins) - by Kulwant Singh, 3R Waste Foundation, India (Physical Presentation).		
	Open discussion		
	<b>Continued</b>		



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Day 2 - 3	2.30 to 4.10 pm	
<b>SS 20: Day 2-32; Room C203</b> <b>2.30am – 4.10 pm</b>	<b>India- Norway Co-processing of Alternative Fuels and Resources- Phase II Project by SINTEF, Norway</b>	<b><a href="#">CLICK TO JOIN</a></b>
<b>Hall Manager</b>	<b>Dr. Rahul Baidya, Milind Gawai: Riya Jain, Astik Pandey, Radhika</b>	
14:30- 14:35:	Welcome address, Prof. Dr. Sadhan K Ghosh, Chairman- ISWMAW and 13 <sup>th</sup> IconSWM	
14:35-14:40:	Special Address, Ms. Marit Marie Strand, Counsellor, RNE- New Delhi,	
14:40-14:45:	Introduction to India-Norway collaboration on Co-processing in India and Workshop objectives, Dr. Kåre Helge Karstensen, Chief Scientist and Programme Manager, SINTEF, Norway	
	<b>PART-I: Presentations on the Outcomes of the Co-processing Phase II Project, Chaired by Dr. Kåre Helge Karstensen, Chief Scientist, SINTEF, Norway</b>	
14:45-14:55:	GIZ- MOEFCC SEIP Project- Identifying sustainable and cost-efficient solutions for priority waste streams in Delhi and Vapi, Gujarat <b>GIZ/</b> Mr. Palash Kumar Saha, Senior Adviser, SINTEF/, Norway	
14:55-15:10;	Cost Recovery Models for enhancing utilization of RDF & SCF from MSW, Dr. Gaurav Bhatiani, Director, Energy and Env., RTI International India	
15:10- 15:15:	Results of the Stakeholder consultations for enhancing RDF utilisation in India, Mr. Vinoth Balakumar, Counsellor, CII- GBC	
15:15-15:20:	Regional Outreach Workshops in Bhutan, Mr. Palash Kumar Saha, Senior Adviser, SINTEF, Norway	
15:20-15:35:	Evaluate the potential for using Indian C&D waste fines as Supplementary Cementitious Material (SCM), Dr. Christian J Engelsen, Chief Scientist, SINTEF, Norway	
15:35-15:40:	Role of informal waste sector in recovery and recycling of wastes, Dr. Sadhan K Ghosh, President, ISWMAW, India	
	<b>Part II: How to enhance co-processing in India- Reflections from Cement Industry and Regulatory Authority, Chaired by Mr. Ulhas V Parlikar, Independent Consultant</b>	
15:40- 15:50:	Importance of co-processing in overall sustainability of cement industry and in reaching net zero, Mr. Manoj Rustagi/ Ms Monika Shrivastava, Head- Sustainable Development, JSW Cement	
15:50-16:00:	Visualising beyond carbon neutrality- partnering for Co-processing, Mr. Surjith Reddy, Executive Director and Head- Green Fuel Business, Dalmia Cement	
16:00 – 16:10:	Remarks from the Regulatory Authority, From CPCB/ MOEFCC	
16:10- 16:15:	Closing Remarks, Dr. Kåre Helge Karstensen, Chief Scientist, SINTEF, Thanks giving and Group Photo	
	<b>Tea Break</b>	



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<b>TS 9: Day 2–33; Room C204</b> <b>2.30am – 4.10 pm</b>		<b>Solid Waste Technology, management and Landfill</b>		<a href="#"><b>CLICK TO JOIN</b></a>
2.30 Introduction	Chair: Prof. Islam M. Rafizul, Kuet, Bangladesh	Co-chair: Prof. Asit Aich, ISWMAW		
<b>Hall Manager</b>	<b>Dr. Ipsita Saha, Harnesh Makhija; Jairaj Bhansali, Chirag, Makena V M Patrudu, Parithy Malan,</b>			
2.35 – 2.45 pm	<b>A219:</b> Adoption of Augmented Intelligence to Foster Effective Waste Management Solutions in the Smart City, Karishma Desai, Shweta Loonkar, <b>Mumbai</b>			
	<b>A220:</b> Impact of COVID-19 on solid waste management practices in Gurugram, India: Lessons learnt and forgotten!, 1Avdesh Bhardawaj, 2Raghav Bhardwaj*, 3Yadvendra Ahlawat and 4Anurag Singh Chaudhary, <b>Delhi, India &amp; Paris, France</b>			
	<b>F168:</b> Pros and Cons of establishing a Sustainable township - a Case Study at New Town, Kolkata, India, *Nilimesh Majumder, 2Sreema Panja, Rajeshwari Roy, <b>Kolkata &amp; Nadia, India</b>			
	<b>A53:</b> Municipal Solid Waste Management and Sustainable Landfills, Yaser Saleem Siddiqui <sup>1</sup> , Md. Adim, <b>Aligarh, India</b>			
	<b>A109:</b> Determination of Smoldering and Ignition Temperature of MSW and Understanding the Landfill Fire in an Open Dump Site in Khulna Region of Bangladesh, Islam M. Rafizul <sup>1</sup> , Saptarshi Mondal <sup>2</sup> , Salahuddin Setu, <b>Khulna, Bangladesh</b>			
	<b>A226:</b> Status of Solid Waste Management in Municipalities in West Bengal, India through Field Study, Debashree Konar Chowdhury <sup>1</sup> , Soumima Chattoraj <sup>1</sup> , Azahar Uddin <sup>2</sup> , Subhajit Chakraborty <sup>1</sup> , Sudipta Sarkar <sup>3</sup> , Ipsita Saha <sup>4</sup> , Asit Aich <sup>5</sup> , Sadhan Kumar Ghosh, <b>Behampore, Kandi, Kolkata, India</b>			
	<b>F22:</b> Maximizing Capacity Utilization in Waste Management Practices, Ahmedabad, <b>India</b>			
	<b>A17:</b> Waste To Energy In Nigerian Context: Journey So Far And Sustainable Approach, Oluwadare Joshua OYEBODE, <b>Nigeria</b>			
	<b>A30:</b> Development of Solar Cell Enabled Decorative Lamps from Waste Bottles: A New Engineering Approach of 'Waste to Wealth', Chandrima Roy, <b>Kolkata</b>			
	QA & Discussion			
	Chair Summary & Thanks Giving, Group Photo			
	<b>Tea Break</b>			
<b>TS 10: Day 2–34; Room C302</b> <b>2.30am – 4.10 pm</b>		<b>Climate Change and Environmental Sustainability</b>		<a href="#"><b>CLICK TO JOIN</b></a>
2.30: Introduction	Chair: Prof. K. Palanivelu, Chennai, Chennai	Co-chair: Mr. Swapan Kumar Roy, QMC & ISWMAW		
<b>Hall Manager</b>	<b>Raktim Dasgupta, Sangeetha Rajesh; Madhav Asija, Anushri Bag, Bandi Lokesh Reddy,</b>			
2.35 - 2.50 pm	<b>Session Keynote: A205:</b> Net Zero Carbon: CO2 Capture and Utilization from Stationary Sources, K. Palanivelu, , <b>Chennai</b>			
2.50 – 3.00 pm	<b>A107:</b> Addressing Environmental Issues: The Role of Biodegradable Waste Receptacles, Yusuf Khan, Nishant Bhatte, Libin Mathew, Tirth Doshi, Sakshi Pandya, <b>India</b>			





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3.00 – 3.10 pm	<b>A206:</b> Integrated Waste, Water, Energy and Carbon Management as a Game Changer, Anil Kumar Kanchi <sup>1</sup> , Ravi Pullagura <sup>2</sup> , Prof. S.Varadarajan, <b>Singapore &amp; Tirupati, India</b>	
3.10 – 3.20 pm	<b>A114:</b> Ecoden – An Eco-Friendly Desk Organizer, Anushree More, Harshita Kadam, Harsha Prathyani, Aarushi Mittal, Nisha Tatkar, <b>Mumbai</b>	
3.20 – 3.30 pm	<b>A238:</b> From Classroom to Conference – Solid Waste Management Learned, M. Suresh Gopi and P. Brahmaji Rao, Guntur, India	
3.30 – 3.40 pm	<b>A09:</b> Is Protecting The Planet Profitable? - An Indian Perspective, JogithaKanappally, Mihir Herlekar, Biswaraj Ghosh, Kanishka Goraksha, Gayatri Barabde, <b>India</b>	
3.40 – 3.50 pm	<b>A180:</b> Case Study: L'oreal Sustainability Packaging, . Ram Kishen.Y, <b>Mumbai</b>	
3.50-4.10pm	<b>A48:</b> A comparative study of Lithium-ion batteries and Fuel cells for Electric Vehicles and their environmental impact in India., Shobha Nair, <b>Mumbai, India</b>	
4.10-4.20pm	<b>A262:</b> Micro-Watershed Level Blue-Green Infrastructure As Flood Control Solution At Lower Kebena River Watershed , SIMRET AREGA, ALAZAR ASSEFA, <b>Ethiopia.</b>	
4.20-4.25	QA & Discussion	
4.25- 4.30pm	Chair Summary & Thanks Giving, Group Photo	
	<b>Tea Break</b>	
<b>TS 11: Day 2–35; Room C303</b> <b>2.30am – 4.10 pm</b>	<b>Water &amp; Waste Water – Treatment, Technology and Recycling -2</b>	<b><a href="#">CLICK TO JOIN</a></b>
	Chair: Dr. Kulwant Singh, Delhi	Co-chair: Ms. M Sashikala, AP Pollution Control Board, AP, India
<b>Hall Manager</b>	<b>Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,</b>	
2.35 - 2.50 pm	<b>Invited Speaker: A161:</b> A Novel Bio Adsorbent Mediated Remediation of Pesticide Residues In Water Samples: An environmentally-friendly cleaning technology, <b>Sandhimita Mondal</b> ,Chayan Sardar, Ankita Das, Hare Krishna Jana Tapan Kumar Mandal, <b>Kolkata</b>	
2.50 – 3.00 pm	<b>A68:</b> AI technologies, sensors and satellite imagery improving water accounting towards mitigating water crisis, Ashok G. Matani, <b>Jalgaon, India</b>	
3.00 – 3.10 pm	<b>A07:</b> Study of spatial distribution patterns of atmospheric Benzo(a)Pyrene in and around soils of Panvel Municipal Corporation, Namrata Kislal, H V. Kasalkar, N D. Wagh, G Malbhave, <b>Mumbai</b>	
3.10 – 3.20 pm	<b>A146:</b> Assessment of Antibiotic Resistant Bacteria in water and food: An exploratory study, Sutripta Sarkar*, Susmita Saha, Koushik Jana, Bisakha Adak, Sneha Biswas, <b>Kolkata</b>	
3.20 – 3.30 pm	<b>A227:</b> Digital Twin Modeling/Simulation of Water Utilities, Hrishikesh Venkataraman and Purav Shah, <b>Tirupati, India and UK</b>	
3.30 – 3.40 pm	<b>A76:</b> Unravelling Pollutant Breakdown Mechanisms in Constructed Wetlands through Compound-Specific Isotope Analysis- A Review, Akhiladas E K1, Saswati Chakraborty, <b>Guwahati</b>	
3.40 – 3.50 pm	<b>A88:</b> Biological nutrient removal from sewage in anaerobic-aerobic-anoxic sequencing batch reactor (AOA-SRB), Hasan Rameez* <sup>A</sup> and Mohd Imran Siddiqui, <b>Aligarh</b>	
3.50-4.10pm	<b>A212:</b> Advancing Sustainable Effluent Treatment System Selection: A Comprehensive Evaluation of Technical, Environmental, and Economic Sustainability using AHP Methodology, Dineshkumar M, Sadhan Kumar Ghosh, Prasanta Kumar Dey, P. Venkateswaran, <b>Kolata, Tirupati, India &amp; UK</b>	
4.10-4.20pm	<b>A87:</b> Production and Process development of lipase enzyme that can be used for treatment of dairy effluents, R. Bhanu kiran,B. Lokesh Reddy, *N. Ravikumar, *K. Vasavi and **M. Rajasekhar, <b>Tirupati, India</b>	



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4.20-4.25	<b>A156:</b> Comparative study of liquid –liquid extraction and bulk liquid membrane for Cibacron, G. Muthuraman* Rajesh.VK.A.M. Parithy Malan, <b>Chennai</b>	
4.25- 4.30pm	QA, & Discussion	
	Chair Summary, Thanks Giving and Group Photo	
	<a href="#">Tea Break</a>	
<b>TS 12: Day 2–36; Room C304</b>	<b>Role of Informal sectors in Waste Management Value Chain</b>	<b><a href="#">CLICK TO JOIN</a></b>
<b>2.30am – 4.10 pm</b>		
2.30pm Introduction	Chair: Mr. Prabhjot Sodhi, Sr. Program Director, Centre for Environmental Education	Co-Chair: Ms Sangeeta Venkatesh, Lead Corp. Communications, Ecoparadigm, Bangalore
<b>Hall Manager</b>	<b>Ms. Padma Gunde, Ms. Sonali Roy Choudhury, Brajesh Bolia, Aashika Jain, Ms., Khushi Kesharwani, V Rajesh,</b>	
	<b>Session Coordinator:</b> Mrs. Amaraja Kulkarni, Head Environment and Sustainability Division, Policy Advocacy Research Centre, Mumbai, India	
2.35 – 2.40PM	Opening Remarks: Prof. Dr.Sadhan K. Ghosh, President, ISWMAW	
2.40 – 2.55 pm	<b>Session Keynote:</b> Dr. Sameer Unhale, State Joint Director, city government/CEO, smart city / Mission Director, Government of Maharashtra	
2.55- 3.05pm	<b>A229:</b> Bridging the knowledge gap and overview of the work done by PARC through the ongoing interventions , Niketa Sharma ., Admane D., Godambe K., Patankar S., Kulkarni A., Policy Advocacy Research Centre, Mumbai, India	
3.05 - 3.15 pm	<b>A133:</b> State Of Informal Workers in Waste Management System- A Study Of Kathmandu Valley, KC Bijay, Kathmandu, <b>Nepal</b>	
3.15 - 3.25 pm	Health issues of the Informal Sector Individual and the need to handhold them in safety awareness, Dr Latha Ghanashamnani, Rnisarg Foundation, <b>Mumbai, India</b>	
3.25 - 3.35 pm	Schemes from the Central Government and State Government, Ms Megha Phansalkar.[tbc], <b>Mumbai</b>	
3.35 - 3.45 pm	Benefits of uplifting Safai Karmacharis from the business perspective, Mr. Krityanand Kundan, Founder and CEO, Skrapp.co.in, <b>Mumbai</b>	
3.45 - 3.55 pm	Social impact of uplifting the Safai Karmacharis from a Social Stock and ESG perspective, Mr. Aniket Khedkar, <b>IIT Bombay, India</b>	
3.55 - 4.05pm	QA & Discussion	
4.05- 4.15pm	Chair's Summary, Thanks Giving, Group Photo	
	<b>Tea Break</b>	



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<a href="#">SS 21: Day 2–37: Room C402</a> 2.30am – 4.10 pm		<a href="#">Circular Opportunities in Faecal Sludge and Waste</a>		<a href="#">CLICK &amp; JOIN</a>	
2.30 pm: Introduction	Chair: Mr. Valentin Post, Trust of People, FINISH Mondial programme, The Netherland	Co-chair: Dr. K. V. Emmanuel, Trust of People, FINISH Mondial programme, India			
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam, ,				
	A243: Circular Opportunities in Faecal Sludge & Waste Management: Moving towards Circular Economy in Sanitation for Indian Agriculture, Valentin Post, The Netherlands				
-	<b>To announce soon</b>				
<b>4.30 – 6.15 pm</b>	<b>2ND Day 4th Session Slot ; 4.30 – 6.15 pm</b>	<b>2ND Day 4th Session Slot ; 4.30 – 6.15 pm</b>			
<a href="#">SS22: Day 2-41Room C202;</a> 4.30 – 6.15 pm		<a href="#">UNCRD special session on IPLA – a SDG Partnership [Cont. from previous Session C: Strategies, actions to promote 3r and circular economy in various waste streams]</a>			<a href="#">CLICK TO JOIN</a>
<b>Hall Managers</b>	Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal Shreyans Surana				
	Co-organizer: International Society of Waste Management, Air and Water (ISWMAW)				
Co-Chairs: Choudhury Rudra Charan Mohanty, Environment Programme Officer, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan. Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water					
<b>Facilitator/ Moderator:</b> Choudhury Rudra Charan Mohanty, Environment Programme Coordinator, UNCRD- DSDG/UN DESA, Japan.					
<b>Rapporteur:</b> Anupam Khajuria, Researcher, United Nations Centre for Regional Development (UNCRD)-DSDG/UN DESA, Japan.					
Part: Session III 4.30 – 4.50 pm	Activated Carbon Production Potential in Municipal Solid Waste, Asit Aich, Vice President, International Society of Waste Management, Air and Water (In person Presence)				
4.50 – 5.10 pm	Circular Economy strategies to promote efficient and sustainable E-waste: Perspectives from Asia Pacific region - by Sunil Herat, GimhanJayasiri and Prasad Kaparaju, Griffith University, Australia (Online Presentation).				
5.10 – 6.00 pm	Open discussion				
Part: Session III	Closing Remarks				



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6.00 – 6.05 pm	Sadhan Kumar Ghosh, Founder and President, International Society of Waste Management, Air and Water (ISWMAW), India	
6.00-6.05 pm	Choudhury Rudra Charan Mohanty, Environment Programme Officer, United Nations Centre for Regional Development (UNCRD)- DSDG/UN DESA, Japan	
	Thanks giving and Group Photo	
<b>SS 23: Day 2 – 42 Room: C203</b>	<b>Waste Management &amp; Circular Economy in Small Island and Asian Pacific Countries</b>	<b><a href="#">CLICK TO JOIN</a></b>
<b>4.30 – 6.10 pm</b>		
4.30Introduction	Chair: Ms. Susana, SPREP, Samoa Island – Online	Co-chair: Ms. Patricia, Micronesia, National Government Federated States of Micronesia
<b>Hall Manager</b>	<b>Dr. Rahul Baidya, Milind Gawai: Riya Jain, Astik Pandey, Radhika</b>	
4.35 – 4.47 am	Waste and resource management in remote area, Lake Toba, Indonesia, Miwa Tatsuno, Indonesia and Dr.Premakumara, IJES, Japan	
4.48 – 5.00 am	Ms. Susana, SPREP, Samoa Island	
5.00 – 5.12 am	Waste management system- Challenges in storing of waste and resource recovery in Micronesia, Ms. Patricia, National Government Federated States of Micronesia	
5.13- 5.25 am	Thailand [to announce soon]	
5.26- 5.38 am	Malta [to announce soon]	
5.38- 5.50 am	Maldives Sustainability towards Circular Economy, Dr. HINNA KHALID , Maldives	
	Drivers and barriers of circular economy adoption in Barbados, Dr. GREENIDGE, Dion, Barbados	
5.50- 6.02 am	QA, and Discussion	
6.02- 6.15 am	Chair Summary, Thanks Giving, Group Photo	



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

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<b>SS 24: Day 2 – 43 Room; C204</b>		<b>Going Global Project - Dissemination Workshop &amp; Competition 1– Presentation of case studies on Adoption of CE in SMEs and decarbonisation</b>	<b><a href="#">Click to JOIN</a></b>
<b>4.30pm Introduction</b>	Chair: Prof. Prasanta K. Dey, Aston University, UK	Co-chair: Prof. Sadhan K. Ghosh, ISWMAW	
	Coordinator: Dr. Krishna, Aston University, UK & Dr. Ipsita Saha, GNIT & ISWMAW		
<b>Hall Manager</b>	<b>Dr. Ipsita Saha, Harnesh Makhija: Jairaj Bhansali, Chirag, Makena V M Patrudu, Parithy Malan,</b>		
4.35- 4.45pm	<b>A176:</b> Adopting Circular Manufacturing Changes for Sustainable Outcomes – An Action Research, Sai S. Nudurupati, Venkata M. P. Makena, Raja K. Bollem, Raja P. Pappu, Thorani L. P. Yediballi, <b>Andhra Pradesh, India</b>		
4.45- 4.55pm	<b>A189:</b> Carbon Footprint of Dairy Industry- A Case Study, S. Varadarajan, N. Munilakshmi, M. Rajasekhar, V. Diwakar Reddy, K. Yateeswar Reddy. <b>Tirupati, India</b>		
4.55- 5.05pm	<b>A181:</b> Adoption of Circular Economy: A Digital Technology Perspective and Way Forward, Mukesh Kondala, Sai S Nudurupati, Raja P Pappu. <b>Visakhapatnam, India</b>		
4.05- 5.15pm	<b>A157:</b> Process Modification Study for the Wastewater Minimization and Promoting Circularity in a FMCG Industry, Rajesh V, Bharath Bhandari, G. Muthuraman, Sadhan Kumar Ghosh. <b>Chennai, India</b>		
4.15- 5.25pm	<b>A212:</b> Advancing Sustainable Effluent Treatment System Selection: A Comprehensive Evaluation of Technical, Environmental, and Economic Sustainability using AHP Methodology. Dineshkumar M, Sadhan Kumar Ghosh, Prasanta Kumar Dey, P. Venkateswaran. <b>Kolkata, India</b>		
4.25- 5.35pm	<b>A177:</b> Unlocking the Potential of MSMEs to Achieve Sustainability through the Adoption of Circular Business Models, Lalitha Nammi, Thorani L. P. Yediballi, SowdaminiThatta, Sai S Nudurupati. <b>Andhra Pradesh, India</b>		
4.35- 5.45pm	<b>A204:</b> Carbon Footprint of Bike Spare Parts Manufacturing Industry, S. Varadarajan, N. Munilakshmi, V. Diwakar Reddy, M. Rajasekhar, Sadhan Kumar Ghosh. <b>Tirupati, India.</b>		
5.54 – 6.20pm	Chair Summary, Thanks giving & group photo		



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TS 13: Day 2 – 44 Room; C302 4.30 to 6.15 pm		Waste Utilisation and Circularity-2		<a href="#">CLICK TO JOIN</a>
4.30pm Introduction	Chair : Dr. Rahul Baidya, IEM, ISWMAW, Kolkata, India	Co-Chair:		
<b>Hall Manager</b>	<b>Raktim Dasgupta, Sangeetha Rajesh: Madhav Asija, Anushri Bag, Bandi Lokesh Reddy,</b>			
4.35- 4.45pm	<b>A99:</b> Sustainable Development of X-ray Shielding Tiles using Alumina Industry Waste, Red Mud, Rini Paulose, Varsha Agrawal, Rahul Arya, Gaurav Rajak, Abhijit Bijanu, Shabi ThankarajSalammal, Deepti Mishra and Mohd. Akram Khan, <b>Bhopal, &amp; Ghaziabad, India</b>			
4.45- 4.55pm	<b>A116:</b> Enhanced Sustainable Recycling: Converting Magnesium Silicate Waste into Magnesium Carbonate via CO2 Utilization, S. Kunalan, R. Karunya and Prof. K. Palanivelu, <b>Chennai, India</b>			
4.55- 5.05pm	<b>A137:</b> Utilization of crop straw for waste recycling and production of bio-fertilizer by algae, Tapasi Polley, Naba Kumar Mandal and Sadhan Kumar Ghosh, <b>Burdwan, India</b>			
4.05- 5.15pm	<b>A186:</b> Utilization of Kitchen Chimney Flue gas and Urine waste to Get Valuable Product, sudarolipanneerselvam, <b>India</b>			
4.15- 5.25pm	<b>A92:</b> Green Cleanup: Rice Husk Mediated Biosorption of Amoxicillin, Raima Das and Sandhimita Mondal, <b>Kolkata , India</b>			
4.25- 5.35pm	<b>A95:</b> Alkali Activation Technology for Production of Eco Bricks/Blocks- A Review, Manjunath Sharanappanavar and A. K. Dasarathy, <b>Bengaluru, India</b>			
4.35- 5.45pm	<b>A90:</b> Mitigating Kanamycin Contamination: Bagasse as an Eco-Friendly Adsorbent for Environmental Protection, Anannya Sengupta1 and Sandhimita Mondal1, <b>Kolkata, India</b>			
4.45- 5.55pm	<b>A153:</b> Carbon Footprint from Hostel of an Educational Institution, B. Navitha, B. Nikitha, N. Munilakshmi, M. Srimurali, Department of Civil Engineering, S.V. University, <b>Tirupati, India</b>			
5.55 – 6.15pm	<b>A154:</b> Carbon Footprint from Pharmaceutical Industry, T. Girish, M. Srimurali, N. Munilakshmi, M. Sasikala, Department of Civil Engineering, S.V. University, <b>Tirupati, India</b>			
6.15 – 6.25pm	<b>A265:</b> Ameliorative effect Moringa oleifera leaves on Aeromonas hydrophila infected fish, Ritu*1, Rahul Kumar2, R.K. Gupta1, Tejpal Dahiya1			
5.25 – 6.30pm	QA, and Discussion			
	Chair Summary, Thanks Giving, Group Photo			
	<b>Tea Break</b>			



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

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<b>SS 25: Day 2 – 45; Room, C303</b>		<b>Waste Management &amp; Circular Economy in African Countries - 2.</b>		<b><a href="#">CLICK TO JOIN</a></b>	
<b>4.30 – 6.10 pm IST</b>					
<b>4.30pm Introduction</b>	Chair: Sh. Kamel. Amin, National Research Centre (NRC), Egypt	Co-Chair: Prof. Alhassan Sulemana, Kwame Nkrumah University of Sc. and Tech, Kumasi, Ghana			
<b>Hall Manager</b>	<b>Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,</b>				
4.35- 4.45pm	<b>A43:</b> The use of shredded waste diapers in the manufacture of clay bricks, Sh. K. Amin, and M.F. Abadir, <b>Egypt</b>				
4.45- 4.55pm	<b>A187:</b> Efficiency of solid waste collection systems at a municipality in ghana using data envelopment approach, Claudia Afia Boakye*, Jessica Addai Boadu, Wilson Osei Gyeabour, Alhassan Sulemana, <b>Ghana</b>				
4.55- 5.05pm	<b>A185:</b> Awareness, knowledge, attitude, and practices for sustainable market waste management: a developing country evidence review, Jonas Bing Beogkina*, Alhassan Sulemana, Bernard Fei-Baffoe, <b>Ghana</b>				
4.05- 5.15pm	<b>A122:</b> Improving Solid Waste Management in Tunisia: waste-to-energy is the sustainable way, Aida Ben Hassen Trabelsi, GmarBensidhom, RaouiaChagtmi, Assia Maaoui, Samira Abidi, Fatma Bhiri, Amina Mabrouk ElAsmi, <b>Tunisia</b>				
4.15- 5.25pm	<b>A125:</b> Determination of the characteristic of bio-oil from the pyrolysis of lemon peel waste, Samira Abidi, Aïda Ben HassenTrabelsi,*, NourheneBoudhrioua Mihoubi, <b>Tunisia</b>				
4.25- 5.35pm	<b>A123:</b> Influence of Chemical Pretreatments on the Morphological and Structural Properties of Rosa centifolia fibers, Fatma Bhiri1, Marwa Ben Amara, Assia Maaoui, RaouiaChagtmi, Samira Abidi, GmarBensidhom, Amir Bouallegue, Semia Ellouz-Chaabouni and Aida Ben Hassen Trabelsi, <b>Tunisia</b>				
4.35- 5.45pm	<b>A19:</b> Physicochemical Analysis of Leachate from Municipal Solid Wastes Landfills in Ilorin Metropolis Kwara State Nigeria, 1Ameen Babatunde Abdurrahman x and F. A Adekola, <b>Nigeria</b>				
4.45- 5.55pm	<b>A130:</b> Municipal Solid Waste organic fraction recovery into compost and biochar: trends to circular economy, Waad Bouallegue,, Aida Ben Hassen Trabelsi, <b>Tunisia</b>				
5.55 – 6.15pm	<b>A126:</b> Biochar Production from Tannery Fleshing Waste by Fast &Slow Pyrolysis, R. Chagtmi, A. Maaoui M. Cortazar, G. Lopez, F. Bhiri1, M. Olazar, A. B. Hassen Trabelsi, Tunisia & Spain				
6.15 – 6.25pm	QA, and Discussion				
5.25 – 6.30pm	Chair Summary, Thanks Giving, Group Photo				
	Tea Break				



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

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<b>SS 26: Day 2 – 46; Room C304</b>		<b>Waste MANAGEMENT and Circular Economy in European Countries- 2</b>	<b><a href="#">CLICK &amp; JOIN</a></b>
<b>4.30 – 6.10 pm IST</b>			
<b>4.30pm Introduction</b>	Chair: Mr. Jens Nielson, Director, BOFA, Denmark/Dr. David /Dr. Rikke, Denmark	Co-Chair: Natela Dzebisashvili, Georgia	
<b>Hall Manager</b>	<b>Ms. Padma Gunde, Ms. Sonali Roy Choudhury, Brajesh Bolla, Aashika Jain, Ms., Khushi Kesharwani, V Rajesh,</b>		
4.35- 4.47pm	<b>A80:</b> A circular future for multilayer food and beverages cartons? A stakeholder perspective with lessons from Denmark, Rikke Marie Moalem;1* David Christensen2, Nynne Nørup3 Sadhan Kumar Ghosh, <b>Denmark &amp; India</b>		
4.47- 4.59pm	<b>A120:</b> Resource-Efficient Production of Georgian Economy, Maka Jishkariani, <b>Georgia</b>		
4.59- 5.11pm	<b>A148:</b> Sustainability root cause analysis: utilization of household sewage sludge, Jozsef Kovacs, <b>Hungary</b>		
5.11- 5.23pm	<b>A46:</b> Sorption Properties of Green Carbon Materials for Treatment Wastewater, Elizaveta Tskhakaia1*, Natela Dzebisashvili,, Zurab Samkharadze, Lela Kvinikadze, Darejan Dughashvili, Sadhan K. Ghosh, <b>Georgia</b>		
5.23- 5.35pm	<b>A40:</b> Mitigating Global Plastic Pollution: The Impact of Germany's Pfandsystem on Plastic Waste and Recycling, Fabian Deichelmann 1; Satyendra Kumar Upadhyay, <b>Germany, &amp; India,</b>		
5.35- 5.47pm	<b>A196:</b> Biological drying an effective and sustainable solution to achieve 80% landfill diversion, Eugen Becker, <b>Germany</b>		
5.47- 5.59pm	<b>A141:</b> Liquid Crystals Recycling from End-of-Life LCDs, A. L. Barrera1, C. Binet1, F. Dubois2, C. Foissac1, P. Supiot1, U. Maschke, <b>France</b>		
5.59- 6.15pm	<b>A272:</b> Strategies Of Dynamic Simulation Of Green Technology Innovation Of Ecofriendly For Nutrient Recycling And Environmental Sustainability, Prof. Dr. Hosam E.A.F. BAYOUMI HAMUDA, Obuda University, <b>Budapest, Hungary</b>		
6.15 – 6.25pm	QA, and Discussion		
6.25- 6.35PM	Chair Summary, Thanks Giving, Group Photo		
	Tea Break		
<b>SS 27: Day 2 – 57; Room; C402</b>		<b>Waste Management and Circular Economy in Russia, Belarus, Hungary and Kazakhstan</b>	<b><a href="#">CLICK &amp; JOIN</a></b>
<b>4.30 – 6.10 pm IST</b>			
	Chair: <b>Vladimir Maryev</b> , Federal Institute, Ecological Industrial Policy Centre, Russia,	Co-Chair:	
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam, ,		





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	<b>A249:</b> Involving secondary resources into the road construction projects. Circular economy in the Russian Federation in practice, Maryev Vladimir, Deputy Head of the Department of FAU "ROSDORNII", Moscow, <b>Russia</b> ,	
	<b>A251:</b> Importance of leadership and teamwork for the development of recycling programs in Russian hospitality, Maria Liubarskaia1, Daria Ipatova2, Anna Chernomorets, <b>Russia</b> The role of leadership and teamwork in the development of recycling systems in Russian regions, Maria Liubarskaia, Daria Ipatova et al, <b>Russia</b> .	
	<b>A264:</b> Modeling approaches for Municipal Solid Waste prediction, Róbert FEJES1, Róbert KURDI1, Viktor SEBESTYÉN, <b>Hungary</b> <b>Tatiana and Ekaterina</b>	
<b>SS 28: Day 2 – 51; Room; C202</b> <b>7.00 – 8.30 pm IST</b>	<b>Waste Management &amp; Circular Economy in USA and neighbouring Countries (Speakers Online)</b>	<b><a href="#">CLICK TO JOIN</a></b>
7.00pm Introduction	Chair: Prof. Ronald L. Mersky, Widener University, USA	Co-chair:
<b>Hall Managers</b>	<b>Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal Shreyans Surana</b>	
7.05–7.17 pm	Rats and Garbage – A study of the Impact of Waste Containers and Collection on Urban Rodent Populations, Ronald L. Mersky*, Daniel Kane, Andrew Kane, Natalie Worth, Sam Mikesic, Widener University, USA	
7.18–7.30 pm	Influence of Different Process Conditions on the Zn (II) Ions Adsorption Using Peanut Shells as Adsorbent, Cecilia Mazzola*, Gisela Pelozo and Nancy Quaranta, National Technological University, Argentina	
7.31–7.43 pm	<b>A111:</b> Sustainable Waste Management Moving Toward Circular Economy, Prof. Tapas K. Das, <b>USA</b>	
7.44–7.54 pm	<b>A210:</b> Debris disposal in the aftermath of the Otis hurricane, Dr. Gabriela Munoz-Melendez, Director of Urban and Env. Studies Department, El Colegio de la Frontera Norte, Mexico	
7.54–8.06 pm	Red Ceramic Porous Bricks Made From Pine Sawdust and Clay Mixtures, Juan Pasquini, Gisela Pelozo, Marta Caligaris* and Nancy Quaranta, National Technological University, Argentina	
8.06–8.18 pm	The Impact of Garbage on Florida's Coral Reefs, Anita Zavodska, Barry University, USA	
8.18–8.35 pm	QA & Discussion	
8.35–8.45 pm	Chair Summary, Thanks giving and Group Photo	
	Exit	



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

<b>SS 29: Day 2 – 51; Room; C203 7.00 – 8.30 pm IST</b>	<b>Waste Management &amp; Circular Economy in African Countries – 3 (Speakers Online)</b>	<b><a href="#">CLICK TO JOIN</a></b>
	Chair: Prof. Michael Koech, Kenyatta University, Kenya	Co-chair: Prof. Lasode, Nigeria
<b>Hall Manager</b>	Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,	
	A167: Agricultural Waste As A Source Of Energy, Aya Ezz El-Din1, S.T.El-Sheltawy2, Amr Abdelghany, Egypt	
	A191:Converting Crop Waste to Biogas and Biofertilizer using Anaerobic Co-digestion Process: A Review, David O. OluKanni, Mwigine J. Kamlenga, Ojukwu C. Noble, Nigeria	
	A128: Improvement of biofuels production through co-pyrolysis of spent green tea and waste frying oil, Asma Ben Abdallah, Alberto Veses, Tomás García, María Soledad Callén, José Manuel López, María Victoria Navarro, Daoued Mihoubi , Aida Ben Hassen Trabelsi, Tunisia	
	A37: A sustainable and colourful resource: Extraction and utilisation of natural pigments from agro-food waste, Imana Pal, south Africa	
	F31: Toxicity And Health Risk Assessment Of Total Petroleum Hydrocarbons In Environmental Bio-Indicators: Case Of River Okulu, Niger-Delta, Adasila Prince Osilaechuu1, PraiseGod Chidozie Emenike1, Ogagaoghene Emmanuel Odokuma1, David Olugbenga Omole1	
	A50: Managing poultry waste for a healthy environmental sustainability, Odunze, Wisdom Chibuzor1, Aju, P.C.2 and Eluagu, M. C, Nigeria	
	A126: Biochar production from Tannery fleshing waste by fast and slow pyrolysis, R. Chagtm, A. Maaoui,, M. Cortazar , G. Lopez, F.Bhiri1, M. Olazar, A. Ben Hassen Trabelsi, Tunisia & Spain	
	A225: Enriching Kitchen Waste Compost With The Indigenous Plant Velvet Beans (Mucuna pruriens), Bernard Adu Gyan1, Kofi Sekyere Boateng1*, Alhassan Sulemana2, Richard Amankwah Kuffour, Ghana	
	A39:Problematic of Plastic waste management in Togo: difficulties and solution approaches, NitaleM'Balikine Krou, Ogouvidé Akpaki, Gnon Baba, TOGO	
	A18: Challenges and mitigation plans for institutional and policy drives towards environmental sustainability in Nigeria, Oluwadare Joshua OYEBODE, Nigeria	
	A263: Characterization, Classification And Quantification Of Runoff, In The Case Of Lower Kebena River Watershed, Addis Ababa, Ethiopia, SIMRET AREGA1,2 , ALAZAR ASSEFA, Ambo university, Ambo, Ethiopia,	
	QA & Discussion	



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	Chair Summay, Thns giving & Group Photo	
<b>Day 3 -1</b>	<b>3rd Day 1st Session Slot: 9.30 to 11.10 am</b>	
<b>TS 14: Day 3 – 11 Room C204 9.30 to 11.10 am</b>	<b>Innovation and Research</b>	<b><a href="#">Click &amp; Join</a></b>
9.30am- Introduction	Chair:	Co-Chair
<b>Hall Managers</b>	<b>Dr.Sutripta Sarkar, Aparna Pandey, Manpreet Singh, Sahil Agarwal Shreyans Surana</b>	
9.35 – 9.50am	A75: Screening Of marine microorganism characterization and their antimicrobial activities, E. Sandhya Rani, G.Narasimha, Tirupati	
9.50 – 10.00am	A117: Synthesis and Characterization of Titanium dioxide (TiO <sub>2</sub> ) nanoparticles by FESEM, FTIR and XRD Analysis, Suraj Khartode, Shraddha Admane, Pune, India	
10.00 – 10.10am	A77: Isolation And Screening Of Marine Actinomycetes For Production Of Antimicrobial And Antiviral Compounds, E. Sandhya Rani and G. Narasimha, Tirupati	
10.10 – 10.20am	A47: To Study the Influence of Team Dynamics Parameters on Positive Risk Management in IT Project Environments, Rajeev Kamble, Sanjeev Thakur Naina Salve, Mumbai	
10.20 – 10.30am	A65: A Soft Computing Approach on Hybridized Fuzzy Rough Set and Artificial Neural Network for Sustainable Millets Milling Practice in Odisha, Mishra, S.K., Tripathy, S., Tripathy, M. and Acharjya, B, Odisha, India	
10.30 – 10.40am	A106: Lakshavedhi: A Sustainable Option To Wallpaper, Samruddhi Patil, Sahil Badochkar, Ujesh Tare, Rohan Chavan, Nisha Tatkar, Mumbai, India	
10.40 – 10.50am	F164: WasteSorting Robots: Innovations and Impact on Recycling and Environmental Sustainability, Swastika Mandal <sup>1</sup> and Arnab Mandal, Kalyani Y KeraLA, India	
10.50 – 11.00am	A89: Isolated Halotolerant Bacterium: A Green Approach to Soil Salinity Remediation, Shubham Baroi 1 and Sandhimita Monda, KOLKATA	
11.00 – 11.10am	F34: Design and Development of Adsorption Cooling System, Pushpa Sujit Patil, India	
11.10-11.15am	QA & Discussion	
11.15-11.20am	Chair Summary, Thanks giving & Group Photo	
	<b>Tea Break</b>	



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

TS 15: Day 3 – 12 Room C302 9.30 to 11.10 pm		Technical Session – Solid Waste Management - 2	<a href="#">CLICK TO JOIN</a>
9.30am- Introduction	Chair: Dr. Rahul Baidya, IEM, & ISWMAW		Co-Chair: Dr. Sudarshan Sirat, KJSIMN
<b>Hall Manager</b>	Dr. Rahul Baidya, Milind Gawai; Riya Jain, Astik Pandey, Radhika		
9.35 – 9.50am	<b>Lead Speech: A136:</b> Activated Carbon Production Potential in Municipal Solid Waste, <i>Aich Asit</i> , Ghosh Sadhan Kumar. <b>Kolkata, India</b>		
9.50 – 10.00am	<b>A10:</b> A Participatory research on ward level activities and implementation - A Case of Ward 61-Ravipuram, Kochi, K. Joseph Jose, Ar. Jobin Jolly, Vishnu V. V., Sanu M., <b>Kochi, India</b>		
10.00 – 10.10am	<b>A213:</b> Analysis of the motivational/critical success factors for efficient domestic waste management: A sentiment analysis approach, S.Sirsat, Anuja Ajayprakash Gupta, <b>Mumbai India</b>		
10.10 – 10.20am	<b>A70:</b> Impact of policy and governance in maintaining circular economy management and sustainable development, Sumanta Bhattacharya, Bhavneet Kaur Sachdev, <b>Kolkata</b> ,		
10.20 – 10.30am	<b>A257:</b> Machine Learning Strategy for Recycling Waste in Smart Cities using Circular Economy, Ipsita Saha, Amit Kundu, Sadhan Kumar Ghosh, <b>Kolkata, India</b> ,		
10.30 – 10.40am	<b>F23:</b> Role of agricultural waste management in rural development. Qualitative findings from rural Kashmir, IrtifaMukhter* Richa Chowdhary, <b>Delhi, india</b>		
10.40 – 10.50am	<b>A102:</b> Machine Learning for Smart Construction and Demolition Waste Management: Predictive Analytics and Decision Support Systems, Swarna Swetha Kolaventi, T.P Tezeswi, <b>Mumbai</b>		
10.50 – 11.00am	<b>A253:</b> Exploring applicability of Lean Principles in SWM for Patna Municipal Corporation, Aditya Anand, <b>Jaipur, India</b> ,		
11.00 – 11.10am	<b>A256:</b> Circular Economy incorporation in the Waste Transportation and Treatment Supply Chain using Machine Learning Approach, Ipsita Saha 1*, Amit Kundu 2, Sadhan Kumar Ghosh 3, Raktim Dasgupta, <b>Shillong &amp; Kolkata, India</b>		
11.10-11.15am	<b>QA &amp; DISCUSSION</b>		
11.15-11.20am	<b>Chair Summary, Thanks giving and Group Photo</b>		



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

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<b>SS 30: Day 3 – 13 Room; C303</b>		<b>Global Project - Dissemination Workshop &amp; Competition 1– Presentation of case studies on Adoption of CE in SMEs and decarbonisation</b>		<a href="#"><b>CLICK TO JOIN</b></a>
9.30am- Introduction	Chair: Prof. Sai Sidhakar, GITAM, Vishakhapatnam, GITAM		Co-chair: Dr. Sutripta Sarkar, ISWMAW	
<b>Hall Manager</b>	<b>Prof. Aditi Misha, Dineshkumar M, Vandana Tripathi: Rahul Bisht, Ashmita Samaddar, Harshwardhan Deshpande,</b>			
9.35 – 9.50am	<b>A144: Identification of Sustainable Supply Chain Materials for Carbon Footprint Reduction in an MSME, Parithy Malan K A M, P. Susiraj, G. Muthuraman, Sadhan Kumar Ghosh, Andhra Pradesh, India</b>			
9.50 – 10.00am	<b>A174: Circular Thinking: Paving the Way for Sustainable Performance through Green Metrics, SowdaminiThatta, ThoraniYediballi, Lalitha Nammi, Sai S Nudurupati. Vishakhapatnam India</b>			
10.00 – 10.10 am	<b>A207: Carbon Footprint Measurement and Emission Reduction Strategy in Fruit Pulp Industry of Pilgrim Town, Tirupati, S. Varadarajan, N. Munilakshmi, V. Diwakar Reddy, M. Rajasekhar, Sadhan K Ghosh, Lokesh Reddy.B. Tirupati, India</b>			
10.10 – 10.20 am	<b>A222: Waste Circular Economy in Fabrication Industry – A Step towards Achievement of Sustainable Development Goals, Sonali Roy Chowdhury, Abhijeet Mukherjee, Sadhan Kumar Ghosh. Kolkata, India</b>			
10.20 – 10.30 am	<b>172: Implementing a Closed-Loop Strategy for Metal Dust Resource Recovery, Dineshkumar M, Sadhan Kumar Ghosh, Prasanta Kumar Dey, Subir Ray. Kolkata, India</b>			
10.30 – 10.40 am	<b>A208: Carbon Footprint of Educational Institution in Tirupati, S. Varadarajan, N. Munilakshmi, V. Diwakar Reddy, M. Rajasekhar, Sadhan K Ghosh. Tirupati, India</b>			
10.40 – 10.50 am	<b>A176: Adopting Circular Manufacturing Changes for Sustainable Outcomes – An Action Research Sai S. Nudurupati, Venkata M. P. Makena, Raja K. Bollem, Raja P. Pappu, Thorani L. P. Yediballi. Vishakhapatnam, India</b>			
10.50 – 11.20 am	QA, Discussion			
11.20-11.25am	Chair Summary, Thanks Giving & Group Photo			
<b>Tea Break</b>				
<b>TS 16: Day 3 – 14 Room; C304</b>		<b>Waste Management, Waste Utilisation and Associated Equipment</b>		<a href="#"><b>Click &amp; Join</b></a>
9.30am- Introduction	Chair: Mr Abhijeet Gawde, Tech Head, Godrej C&D, Mumbai		Co-chair:	
<b>Hall Manager</b>	<b>Ms. Padma Gunde, Ms. Sonali Roy Choudhury, Brajesh Bolia, Aashika Jain, Ms., Khushi Kesharwani, V Rajesh,</b>			
9.35 – 9.50 am	<b>Session Keynote: Construct and Demolition Waste Recycling and Management, Mr Abhijeet Gawde, Tech Head, Godrej C&amp;D, CCD</b>			
9.50 – 10.00 am	<b>A118:Efficient Waste to Energy in Cement Plants: DEM Simulation Driven Transfer Chute Design, Kapil Kukreja1, 2*, Manoj Kumar Soni2, D K Panda1, Bharat Bhushan, Haryana, India</b>			
10.00 – 10.10 am	<b>A119:Shredded Waste Rubber Tires: A Promising Replacement of Conventional Fuel in Cement Plant- Case Study, Ankur Mittal1, D K Panda2, L P Singh,Ballabgarh, India</b>			



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**K J Somaiya Institute of Management, Vidyavihar University, Mumbai, India**  
**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

10.10 – 10.20 am	<b>A108:</b> Feasibility of Co-processing Large Volume of Hazardous Liquid Waste from Pharmaceutical Sector- Success Case from India, N. S. Rao, Pankaj Kumar, Palash Kumar Saha, Vinoth Balakumar and Kåre Helge Karstensen, <b>Hyderabad &amp; Norway</b>	
10.20 – 10.30 am	<b>A237:</b> Microbiology Development and Biomedical Waste Management Practices at Nair Hospital: A Comprehensive Overview, M. Suresh Gopi and P. Brahmaji Rao, <b>Guntur, India</b>	
10.30 – 10.40 am	<b>A239:</b> Solid waste management Kalyan Municipality at Mumbai, M. Suresh Gopi and P. Brahmaji Rao, <b>Guntur, India</b>	
10.40 – 10.50 am	<b>F73:</b> Study on Faecal sludge treatment process plants adopted by Indian states and process economics, Abhay Kumar, Kulbhushan Samal*, Rashmi Ranjan Sahoo*, Avinash Kumar Yadav, <b>Durgapore, India</b>	
10.50 – 11.00 am	<b>A100:</b> Waste Management in Nepal: Characterization and Challenges to Promote a Circular Economy, Sampad Shrestha, <b>Nepal</b>	
11.00 – 11.10 am	<b>A246:</b> Biomass Utilization for Cement Manufacturing, Rahul Baidya, Sadhan Kumar Ghosh, <b>Kolkata, India</b>	
11.10-11.15 am	<b>A103:</b> Waste Sorting and Electronic Robots: Pioneering the Path to Sustainable E-waste Management, Swastika Mandal <sup>1</sup> and Arnab Mandal, Kolkata, <b>India</b>	
11.15-11.20am	<b>A79:</b> Green Synthesis, Characterization, and Biological Activities of Silver Nanoparticles from Seed Extract of Butea Monosperma, S. Nowshath <sup>1</sup> , E. Sandhya Rani <sup>2</sup> , C. Anuradha <sup>1</sup> , G. Narasimha, <b>Tirupati, India</b>	
	QA & Discussion	
11.20-11.25am	Chair Summar, Thanks Giving & Group Photo	
<a href="#">TS 17: Day 3 – 15 Room, C402</a>		<a href="#">Water, Waste Water- Management, Treatment &amp; Circularity - 3</a>
<a href="#">9.30-11.10 am</a>		<a href="#">Click to Join</a>
9.30am- Introduction	Chair: Dr. YLP Thorani, GITAM	Co-chair: Dr. P. Venkat, SCPL
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam, ,	
9.35 – 9.50am	<b>A155:</b> Removal Of Basic Dye from Aqueous Solution Using Eggshell An Inorganic Adsorbent, S. Jagan Mohan Reddy 1, L. Partha Praveen 2, N. Munilakshmi, <b>Tirupati</b>	
9.50 – 10.00am	<b>A160:</b> Removal Of Colour from Dye Contaminated Soil by Electrokinetic Remediation, V. P. Poornima 1, J. Karthikeyan, <b>Tirupati,</b>	
10.00 – 10.10am	<b>A163:</b> Green synthesis of Zinc Oxide nanoparticles and its adsorptive studies on removal of Congo red dye, Kolluru Sree Manaswini, Y. Bhavani, N. Chitti Babu, <b>Tirupati</b>	
10.10 – 10.20am	<b>A179:</b> Energy Recovery Feasibility of Carrot Processing Waste Water for Environmental Sustainability, Abitha Neethirasu ,Ishwarya Perumalsamy ,Solai Dharani Murugaiah ,Lalith Pankaj Raj Nadimuthu and Kirubakaran Victor, <b>Tamil Nadu, India</b>	
10.20 – 10.30am	<b>A195:</b> Green synthesis of Titanium Dioxide nanoparticles and its adsorptive studies on removal of Crystal Violet dye, Modalavalasa Venkatesh, Kolluru Sree Manaswini , N. Chitti Babu, <b>Visakhapatnam, , India</b>	



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

10.30 – 10.40am	<b>A157:</b> Process Modification Study for the Wastewater Minimization and Promoting Circularity in a FMCG Industry,Rajesh V, Bharath Bhandari, G. Muthuraman, Sadhan Kumar Ghosh, <b>Chennai &amp; Kolkata, India</b>	
10.40 – 10.50am	<b>A211:</b> Sustainable treatment technology for the industrial wastewater phytoremediation by rhizobacteria consortium in horizontal subsurface flow constructed wetlands, Sonal Chaturvedi and Satyendra Upadhyay, <b>Mumbai</b>	
10.50 – 11.00am	<b>A60:</b> Comparative study of different coagulant-flocculant in treatment of synthetic wastewater: Application of the strategy in raw textile effluent, Sahana Roy Chowdhury, Konkana Adak, Baisali Rajbansi, <b>Kolkata, India</b>	
11.00 – 11.10am	<b>A145:</b> Decolourization Dye Wastewater Using Inorganic Adsorbents - A Review, S. Jagan Mohan Reddy 1, L. Partha Praveen 2, N. Munilakshmi, <b>Tirupati</b>	
11.10-11.15am	QA & Discussion	
11.15-11.20am	Chair Summar, Thanks Giving & Group Photo	
	Tea Break	
<b>SS 31: Day 3 – 16 Room C304</b>		<b>Waste Management - 3</b>
<b>9.30 – 11.10 am</b>		<a href="#"><b>Click to Join</b></a>
9.30am- Introduction	Chair:Dr. (Prof.) Sneha Palnitkar, CEO, AILSG, Mumbai	Co-Chair:Dr. Kulwant Singh, Delhi
<b>Hall Manager</b>		
9.35 – 9.50am	Challenges for Cities in Solid Waste Management, Dr. Sudhakar Shinde, Addl. Municipal Commissioner, BrihanMumbai Municipal Corporation, Mumbai.	
9.50 – 10.00am	Social Aspects in Solid Waste Management, Dr. (Prof.) Sneha Palnitkar, Chief Executive Officer, Waste Management & Research Centre, All India Institute of Local Self-Government, [AILSG], Mumbai	
10.00 – 10.10am	Social Aspects in Solid Waste Management, Mr. Pundalik Awate, Sr. Associate Faculty, AILSG, Former Chief Engineer [SWM], Brihan Mumbai Municipal Corporation, Mumbai	
10.10 – 10.20am	Plastic Waste Management and Waste Recycling Opportunities, Mr. Nandkumar Gurav, Asst. Secretary, Maharashtra Pollution Control Board, Government of Maharashtra, Mumbai	
10.20 – 10.30am	Circular Economy and Solid Waste Management, Dr. Ketna Matkar, Sr. Associate Faculty, AILSG, Mumbai	
10.30 – 10.40am	Upskilling of Waste Segregators, Mr. Tarun Mhaske, Indo-German Programme for Vocational Education and Training Vocational Training and Labour Market Advisor, Mumbai	
10.40 – 10.50am	QA & Discussion	
10.50 – 11.00am	Chair Summar, Thanks Giving & Group Photo	
11.00 – 11.10am	Tea Break	



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**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

<b>TS 18: Day 3 – 17 Room C402</b> <b>9.30 – 11.10 am</b>		<b>Business, Community and Informal Sectors - 2</b>	<a href="#"><b>Click to Join</b></a>
9.30am - Introduction	Chair: Mr. U V Parlikar	Co-Chair:	
<b>Hall Manager</b>	Dr. YLP Thorani, Ms. Anjali Chopra, Shivam Rustagi, Ms. Sriparna Das, Kam Patnam,		
9.35 – 9.50am	<b>Session Keynote: A184:</b> Sustainability Consciousness and Collective Responsibility – Analysing the Knowledge, Awareness and Practice towards e-Waste Management Among University Students in India, Austria, South Africa and Russia, M. Khanna, Satyendra K Upadhyay, YLP Thorani, Andreas Zehetner, Strinivasan S. Pillay, Nellie Kozlova, Mumbai, India		
9.50 – 10.00am	<b>A151:</b> Characterization of Recycled Plastic Waste in Recycling Shops of Khulna City Through Waste Analysis Campaign, Jobaer Ahmed Saju1*, Philipp Lorber2, Quazi Hamidul Bari1, Islam M. Rafizul1, et al, <b>Bangladesh &amp; Germany</b>		
10.00 – 10.10am	<b>A26:</b> Assessing the Garbage Literacy amongst the citizens of Urban Pune, Mukta Latkar-Talwalkar, Priya Bangle, Aditi Lanke, <b>Pune, India</b>		
10.10 – 10.20am	<b>A96:</b> Exploring the factors of Indian values on Food Wastage Avoidance Behaviour: A case study of Indian Buffet Restaurants, Riya Gandotra, Neelika Arora, <b>Jammu, India</b>		
10.20 – 10.30am	<b>A214:</b> Recognizing Sentiments In Regional Language Text From Social Media Using Machine Learning Approach: the way ahead through cross domain applications, Sudarshan Sirsat, Nitish Zulpe, <b>Mumbai</b>		
10.30 – 10.40am	Waste As Resource by changing Stakeholders Approach, Amaraja Kulkarni, PARC, Mumbai		
10.40 – 10.50am	<b>A216:</b> Examining Consumer Purchase Intention Among Gen Z to Embrace Sustainable Menstrual Products, Rashmi Jain, Vartika Chaudhary, Vidhya Thakkar, <b>Mumbai</b>		
10.50 – 11.00am	<b>A1:</b> The Mumbai Plastic Recyclothion - Community Model of Plastic Waste Management, Rupali Vaidya, <b>Mumbai, India</b>		
11.00 – 11.10am	<b>A221:</b> A Critical Study of the ban on Select Single use Plastics in India: Challenges & Opportunities towards achieving Sustainable Development Goals, Avdesh Bhardawaj1, Raghav Bhardwaj2, Sushma Bharadwaj3, Poonam Bhardwaj4, Yadvendra Ahlawat5, Anurag Singh Chaudhary, <b>Delhi &amp; Jaipur, India and France.</b>		
11.10-11.20am	<b>A251:</b> Sustainable packaging solutions – Exploring the antecedents of Brand Image and Customer Loyalty, Sneha Rajput, Padma Singhal, Gangaur Sharma, <b>Gwalior &amp; Mumbai, India</b>		
11.20-11,25am	<b>A261:</b> International Waste Trade: A Condescension of Global Sustainability Efforts, Gokul K, Satyendra Upadhyay, <b>Mumbai</b>		
	Chair Summary, Thanks giving & Group Photo		
	<b>Tea Break</b>		





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International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership

**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

<b>DAY 3 - 2</b>		<b>Day 3, 2<sup>nd</sup> Slots of Sessions 11.30 -1.10 pm</b>	
<b>SS 32: Day 3 – 21 ROOM C202</b> <b>11.30 -1.10 pm</b>	<b>Global Project - Dissemination Workshop &amp; Competition 1– Presentation on Adoption of CE in SMEs and decarbonisation</b>		<a href="#"><b>Click to Join</b></a>
11.30am Introduction	Chair: Satyendra Upadhyay, KJSIM	Co-chair: Prof. S. Varadarajan, SVU, Tirupati	
<b>Hall Manager</b>			
11:35 – 11:45	<b>A54:</b> Reverse Logistics for Fostering Circular Economy - Shilpi Kapur Bakshi, Viraj Joshi, <b>Mumbai, India</b>		
11:45 – 11:55	<b>A135:</b> Circular Economy Strategies for Sustainable Industrial Park: A Path to Resource Efficiency - P. Venkateswaran, Satish Kamat, Sadhan K Ghosh, <b>Andhra Pradesh, India.</b>		
11:55 – 12:05	<b>A143:</b> Identification of Sustainable Coolant Oil for Waste Minimization in a MSME Industry - Parithy Malan KAM, Prasanna, Loganathan, G. Muthuraman, Sadhan K Ghosh, <b>Andhra Pradesh, India</b>		
12:05 – 12:15	<b>A158:</b> Scope 2 Carbon Foot Print Reduction in an MSME Manufacturing Pipe Supports Rajesh V, Vijaya Kumar, P. Venkateswaran, Sadhan Kumar Ghosh, <b>Andhra Pradesh, India</b>		
12:15 – 12:25	<b>A166:</b> Adopting Circular Economy – The Evidence from Trinitech Infrastructure Case Venkata M. P. Makena, Sai S. Nudurupati, Raja K. Bollem, Raja P. Pappu, Thorani L. P. Yediballi, Satyandra N. V. S. Vedavalli. <b>Visakhapatnam, India</b>		
12:25 – 12:35	<b>A192:</b> Carbon Footprint of Mango Pulp Industry, S. Varadarajan, N. Munilakshmi, V. Diwakar Reddy, M. Rajasekhar, Sadhan K Ghosh. <b>Tirupati, India</b>		
12:35 – 1:00pm	QA & Discussion		
1.00-1.15 pm	Chair Summary, Thanks giving & Group Photo		
<b>Lunch Break</b>			
<b>SS 33: Day 3 – 22 Room C203</b> <b>11.30 am – 1.15 pm</b>		<b>How to Write a quality Research Articles for Publication</b>	
<b>Chair:</b>		<b>Co-Chair:</b>	
11.35 - 11.45 am	The quality of submitted a research article: Prof. Sadhan K Ghosh, Editor -in-Chief, Journal of Solid Waste Technology and Management, India & USA		
11.45 - 12.00pm	Writing an abstract, Materials and Methodologies, of a research article: Prof. Prasanta K. Dey, Editor, Journal of Energy Sector Management, UK		
12.00 - 12.15 pm	Writing the abstract, Describing experimentation, discussion, analysis and conclusion: Prof. P Agamuthu, Former Editor-in-Chief, Waste Management & Research,		



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**Under the aegis of: International Society Waste Management, Air and Water (ISWMAW)**

12.15 - 12.35pm	Discussion	
12.35-12.50pm	Writing the literature review and planning the research: Prof. Musizu Asari, Editor, Journal of Materials Cycle and Waste Management, Japan	
12.50 – 1.00pm	QA & Discussion to be conducted by Prof. M Asari and Prof. P Agamuthu, Concluding Remarks	
	Lunch Break	
<b>SS 34: Day 3 – 26 ROOM C304; 11.30-1.15 pm</b>		
	<b>Chair</b>	<b>Co-Chair</b>
	<b>To announce</b>	
<b>SS 36: Day 3 – 27 ROOM C204</b>	<b>Industrial Symbiosis for Circular Economy in Maharashtra</b>	<a href="#">Click &amp; Join</a>
	<b>To announce</b>	
	<b>4.10 to 4.30 PM: TEA/COFFEE BREAK</b>	

<b>Day 3: 1.12.2023; 2.30–4.30pm</b>	<b>Valedictory, IconSWM-CE Excellence Award Ceremony;</b> One may plan the departure accordingly.	<a href="#">CLICK TO JOIN</a>
	Representative From British Council, Western Region, Mumbai Will announce later	
<b>Day 4: 2.12.2023; 9.30 –4.30pm</b>	Visit to Waste Management Facilities (Details to be announced later)&Waste Management Hackathon and Start Up Exhibit	
<b>August 2024</b> (Date to be announced later)	SDG Congress for School Students in Tokyo by Kyoto Beyond SDGs Consortium, JSWM&MC and ISWMAW [Catch Them Young Initiative]. Presentation by school children on Waste Management, SDGs, Recycling, Circular Economy and Environmental Protection; Valedictory and presentation of Certificates	

**List of Recipients: IconSWM-CE Excellence Award 2023 – Page 51 & 52**



**Principal Organisers:** **International Society Waste Management, Air and Water (ISWMAW)**  
**K J Somaiya Institute of Management, Vidyavihar University, Mumbai, India**  
**International Partnership for Expanding Waste Management Services of Local Authorities (IPLA) – A SDG Partnership**

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## List of Recipients: IconSWM-CE Excellence Award 2023

IconSWM-CE Lifetime Achievement Award 2023 – for Significant Contribution in Environment Protection through Co-processing	Names of Recipient:	1. Dr. Kare Helge Karstensen 2. Mr. Uhas Vinayak Parlikar
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IconSWM-CE Excellence Award 2023 - for Community Participation of the Cleanest Village for Sustainable Development	Names of Recipient:	Moolamyliang Village, Meghalaya, India
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Sl. No.	Name of Company	TSR achieved in 2023	Average TSR of past five years	Quantum of Plastic & RDF co-processed in 2023	Total Quantum of Plastic & RDF co-processed in 5 years	Average TSR achieved over past five years	Quantum of AR co-processed in 2023	Total Quantum of AR co-processed in five years	Quantum of AF co-processed in 2023	Total quantum of AF co-processed in 5 years	Pre-processing facility created	Co-processing facility created	Contribution to the cause of Co-Processing
01	ACC Limited., Wadi						Gold	Gold	Diamond	Diamond			Mr. Y S Rao
02	ACC Limited., Chanda	Platinum			Gold								Mr. Anil Gupta
03	Dalmia Cement Bharat Limited, Belgaon	Diamond		Diamond	Diamond	Platinum					Excellence Award	Excellence Award	Mr. Prabhat Kumar Singh
04	Dalmia Cement Bharat Limited, Kadapa	Diamond		Diamond	Platinum	Platinum							Mr. Mukesh Kumar Sinha
05	Dalmia Cement Bharat Limited, Dalmiapuram	Platinum	Platinum	Platinum	Platinum						Excellence Award		Mr. Vinayagamurthi
06	Dalmia Cement Bharat Limited, Ariyalur	Platinum			Platinum	Platinum							Mr. T. Robert
07	J K Lakshmi Cement Ltd., Durg	Silver											Mr. Mukul Srivastava
08	J K Lakshmi Cement Limited, Sirahi	Gold					Diamond	Platinum	Platinum	Gold			Mr. S. K. Saxena
09	Kalburgi Cement Pvt Ltd.					Diamond	Diamond	Diamond	Platinum	Platinum			Mr. Shyam Vaishnav



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Sl. No.	Name of Company	TSR achieved in 2023	Average TSR of past five years	Quantum of Plastic & RDF co-processed in 2023	Total Quantum of Plastic & RDF co-processed in 5 years	Average TSR achieved over past five years	Quantum of AR co-processed in 2023	Total Quantum of AR co-processed in five years	Quantum of AF co-processed in 2023	Total quantum of AF co-processed in 5 years	Pre-processing facility created	Co-processing facility created	Contribution to the cause of Co-Processing
10	J K Cement Ltd., J K White Cement Works, Gotan	Gold											Mr. Anirudh Dani
11	JSW Cement Ltd. Nandyal	Gold		Gold									Mr. Navneet Chauhan
12	Sree Jayajyoti Cements Pvt. Ltd.											Excellence Award	Mr. Guruvi Reddy
13	Udaipur Cement Works Ltd.						Platinum	Platinum					Mr. Naveen Kumar Sharma
Excellence Award for Processing Municipal Solid Waste (MSW) and making a large quantity of Refuse Derived Fuel (RDF) available in the country for Co-processing				Names of Recipient Organization:			1. Re Sustainability Limited, Hyderabad, 2. GGEFIL, Surat, 3. Zigma Global Environ Solutions Pvt. Ltd., Erode			4. Antony Lara Enviro Solutions Pvt. Ltd., Mumbai 5. Saurashtra Enviro Projects Pvt. Ltd., Surat			