

CENTRE FOR ENVIRONMENT AND DEVELOPMENT

INDIAN ENVIRONMENT CONGRESS (IEC 2023)

11th to 13th July 2023

MASCOT HOTEL, THIRUVANANTHAPURAM

Focal Theme: **Sustainable Waste Management- Challenges, Opportunities and Innovations**

Program Schedule

| 11.07.2023 (Tuesday) | |
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| Registration | 9:00 am to 10:00 am |
| Inaugural Session | |
| Launching of IEC 2023 - 10:30 am to 12:00 noon | |
| Launching of IEC 2023 Sri. Pinarayi Vijayan Honorable Chief Minister of Kerala | |
| Presidential Address | Sri. M. B. Rajesh Honorable Minister for Local Self Government Department and Excise, Kerala |
| Release of Proceedings | Sri. G. R. Anil Honorable Minister for Food and Civil Supplies, Consumer Affairs and Legal Metrology, Kerala Received by Sri K.Mohammed Y Safirulla ,IAS, Project Director, KSWMP |
| Felicitations | Sri. D. K. Murali MLA Sri. I.B. Satheesh MLA |
| 12: 00 to 12:30 pm – Keynote Address Issues, Challenges and Opportunities in Waste Management in Kerala | Smt. Sarada Muraleedaran, IAS, Addl. Chief Secretary, LSGD, Kerala |
| 12:30 to 1:00 pm – Special Address | Dr Axel Borchmann Deputy Head Of Division, German Federal Ministry for the Environment, Nature Conservation,Nuclear Safety and Consumer Protection |
| 1.00 pm - Vote of Thanks | Sri. Byju P Senior Program Officer, CED |



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| 1:00 pm to 1:45 pm LUNCH | | |
| Session 1: MSW MANAGEMENT – I | | |
| Chair: 1. Alex Varghese IAS, Director, Department of Urban Affairs and AMRUT, Kerala 2. Dr Ajit Prabhu V, Chief Scientist (Sci 'G') Kerala State Council for Science, Technology and Environment | | |
| 1.45 to 2.30 pm | Strategy for MSW Management in Kerala | Sri. U V Jose, IAS Dy. Project Director, KSWMP & Sri. Dileep Kumar M Team Leader, Technical Support Consultant, KSWMP, CED |
| 2:30 pm to 3:00pm | Solid Waste Management in Indore : Challenges and Sustainable Solutions | Sri. Siddarth Jain IAS Additional Commissioner, Indore Municipal Corporation, Madhya Pradesh |
| 3.00pm to 3.30pm | Recent Technological Advances in Solid Waste Management | Sri. Dig Vijay Desai, Procurement Expert, PMC, KSWMP |
| 3.30 pm – 3.45 pm TEA BREAK | | |
| Session 2: MSW MANAGEMENT – II | | |
| Chair: 1. Dr. Jiju P Alex, Member, State Planning Board, Kerala 2. Dr Krishna Kumar B, Senior Principal Scientist, Environmental Technology Division, CSIR- NIIST, Thiruvananthapuram | | |
| 3.45 pm to 4:15pm | Aspects of Sanitary Landfill including Bio-mining and Capping | Dr. Srinivas Kesavarappu Vice President & Head, (Sustainability & innovation) Re Sustainability Limited, Hyderabad |
| 4:15 pm to 4.35 pm | Innovations in Decentralized SWM in Kerala | Sri. Jyothish Chandran G, Director(SWM) Kerala Suchitwa Mission |
| 4:35pm – 4.50 pm | Case Study of SWM in Kunnamkulam Municipality and Munnar GP | Dr. P N Damodaran Associate Fellow and Head of SWM Division, IRTC, Palakkad |
| 4.50 pm – 5.30 pm | Breakout Session | |
| 12.07.2023 (Wednesday) | | |
| Session 3: WASTE WATER MANAGEMENT | | |
| Chair: 1. Sri. Binu Francis, Secretary, Thiruvananthapuram Municipal Corporation 2. Sri. Haris P, Chief Engineer (Retd.), KWA& Project Manager, PMC, KSWMP | | |



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| 10:00 am to 10.30 am | Appropriate Wastewater Treatment Systems for Kerala | Dr. Ligy Philip, Dean, Planning , Nita and KG Ganapathi Chair Professor, Department of Civil Engineering, IIT Madras |
| 10.30 am to 11.00 am | DEWATS approach for Sewage Treatment in cities and towns with high Density of Population and High water table | Smt Latha Raman Jayagopal Inspiration Collective, Kochi |
| 11: 00 am to 11.20 am | Biotechnology and Environment | Dr. Amal Mukhopadhyay Chairman, HANSEATIC INDIA FORUM e.V.,Hamburg, Germany & Director, ELGABIOTECH, Hamburg, Germany |
| 11:20 am 11.30am | | TEA BREAK |
| <p>Session 4: CIRCULAR ECONOMY SOLUTIONS-I</p> <p>Chair : 1. Dr Samson Mathew, Director, NATPAC</p> <p>2. Dr Biju Soman ,Prof and Head, AMCHSS, Sri Chitra Institute of Medical Science and Technology, Thiruvananthapuram</p> | | |
| 11.30 am to 12:00 noon | C&D Waste Management – Sharing of Experiences and Best Practices | Sri. Anurag Jain Vice President (Construction and Demolition) Indo Enviro Integrated Solutions Limited Gurugram, Haryana |
| 12:00 noon to 12.20 pm | Technical Aspect of Crushed Demolished Building Waste as a material for Construction- A Case Study | Sri. V Suresh, Senior Scientist, Sustainable Technologies, Vasthuvidya Gurukulam, Aranmula |
| 12.20 pm – 12.40 pm | Bio-medical Waste Management: Experiences and Best Practices of IMAGE – CBWTF | Ms. Arya Krishnan Environmental Engineer, IMAGE, Kerala |
| 12: 45 pm to 1: 30 pm | | LUNCH |
| <p>Session 5: CIRCULAR ECONOMY SOLUTIONS - II</p> <p>Chair : 1. Dr Hari Kumar R, Director, Energy Management Centre,</p> <p>2. Sri. Kalaiarasan P, Environmental Engineer, Directorate of Environment and Climate Change.</p> | | |
| 1: 30 pm to 1:50 pm | E- waste Management | Dr. Kurian Joseph Professor, Environmental of Engineering , Centre for Environmental Studies , Anna University, Chennai |
| 1:50 pm to 2:10 pm | Experience Sharing- E- Waste Handling and Management | Dr. Srinivas Kesavarappu, Vice President & Head, (Sustainability & Innovation) Re Sustainability Limited, Hyderabad |



| <p align="center">Session 6: CIRCULAR ECONOMY SOLUTIONS-III</p> <p align="center">Chair : 1 Dr Sheela, A M Member Secretary, Kerala State Pollution Control Board,</p> <p align="center">2. Dr T R Sathyakeerthy, Asst Regional Director, IGNOU, Thiruvananthapuram.</p> | | |
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| 2:15 pm to 2:35pm | Circular economy solutions for tackling Plastic Pollution and Marine Litter | Dr Rachna Arora , Program Manager, GIZ India. |
| 2:35 pm to 3:00pm | EPR in Plastic Waste Management | Sri. Vivek J M , Technical Expert, GIZ India |
| 3:00 pm to 3:15pm | Experience sharing - Plastic. Recycling | Sri. Siyad Ali , Secretary, Plastic Recycling Industrial Association, Kerala |
| 3.15 pm – 3.30 pm TEA BREAK | | |
| <p align="center">Session 7: CIRCULAR ECONOMY SOLUTIONS- IV</p> <p>Chair 1: A Nizamudeen IAS, State Mission Director, MGNREGS& Director, Kerala State Remote Sensing & Environment Centre</p> <p>2. Dr. George Thomas, Chairman Biodiversity Board</p> <p>3. Dr Sabu Lal, Director, Jawaharlal Nehru Tropical Botanic Garden & Research Institute, Thiruvananthapuram</p> | | |
| 3:30 pm to 3:50pm | Charting the Path to Carbon Neutrality : A Guide for Local Governments & Public Engagements | Prof. V K Damodaran , Chairman, CED, Thiruvananthapuram |
| 3:50 pm to 4:05 pm | Mitigating Climate Change through Circularity in Waste Management | Dr. Vinod T R Program Director, CED, Thiruvananthapuram |
| 4:05 pm – 4:20 pm | Sustainable Urban Development – Issues and Challenges | Dr. Pradeep Harichandan Project Director, CED Eastern Regional Centre, Bhubaneswar |
| 4:20 pm – 5:30 pm BREAK OUT SESSION | | |
| <p align="center">Day 3</p> <p align="center">13.07.2023 (Thursday)</p> | | |
| <p align="center">Workshop on EXTENDED PRODUCER RESPONSIBILITY (EPR) IN WASTE MANAGEMENT</p> | | |
| 10.00 am - 10.10 am | Introduction to the workshop | Sri. Suneel Pamidi IFS, Director, Directorate of Environment and Climate Change, Govt of Kerala |
| 10.10 am - 10.30 am | Special Address | Sri. M G Rajamanickam IAS, Principal Director, LSGD |
| 10.30 to 10.45 am. | EPR Implementation in the Indian Context | Dr Rachna Arora Program Manager, GIZ India. |



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| 10.45 am – 11.00 am | | TEA BREAK |
| 11.00 am to 11.25 am | Panel Discussion to formulate an EPR model for Kerala | Presentation – GIZ (15 Min) EPR Pilot model discussion – Green Worms (10 min) |
| 11.25 am – 12.45 pm | Chair : Suneel Pamidi IFS,Director, DoECC | List of Panelists 1. Director Urban Department 2. Director Industries Department 3. Director, Suchitwa Mission 4. Member Secretary KSPCB 5. Secretary TMC 6. Representative – Plastic Recyclers |
| 12:45 pm to 1:15 pm | Brainstorming on EPR | Moderated By GIZ |
| 1.15 pm – 1.30 pm | Valedictory session | |
| 1:30 pm - 2 :30 pm | | Lunch |
| 2.30 pm – 4.00 pm | EPR specific training and Toolkit Discussion | Target Audience District Officers of SPCB Government Institutions like MILMA, Supplyco Private Brand Owners, Producers |
| 4.00 pm BREAK FOR TEA AND DISPERSAL | | |

