



Environmental  
Management  
Centre Pvt. Ltd.



knowledge foundation  
PRASADMODAKINITIATIVE

Greetings from Team EMC and Ekonekt!

We are happy to bring you to you the third issue of 2023 of the monthly EMC Ekonekt joint e-newsletter. We are delighted to have you with us on this journey. Read on for the highlights of the previous month!

### New Projects awarded to EMC

- EMC has been engaged by a green NBFC to develop an Environmental & Social Management System
- EMC has been hired to conduct an Environmental & Social Impact Assessment for 500 MWp Solar Power Project in Bikaner, Rajasthan
- EMC has been awarded to conduct an EHS Audit for a multinational pharma company
- An international renewable energy fund has contracted EMC to conduct ESMS audit of 4 wind farms
- A waste management company operating pan India has commissioned EMC to carry out ESDDs of waste processing plants
- EMC has been contracted to conduct ESDD of a regional specialty tertiary care hospital chain with more than 650 beds in Uttar Pradesh
- EMC will conduct EHS audit for a world leader in smart buildings, creating safe, healthy and sustainable spaces
- EMC is assisting an international company on guidance related to regulatory requirements for transferring environmental permit
- EMC will conduct social responsibility audits covering EHS for the supply chain of a multinational firm

### EMC's ongoing engagement and participation at G20

- Dr. Prasad Modak, Dr. Shilpi Kapur and Ms. Rashi Sirohi participated in the first Environment and Climate Sustainability Working Group (ECSWG) Meeting of the G20 held in Bengaluru from February 9 to 11.
- EMC's work on the sub-theme of "Extended Producer Responsibility for Circular Economy" under the G20 Theme on Circular Economy was presented at the meeting and was well received. This work will continue in the coming weeks and will integrate the valuable feedback received from the G20 members.
- Dr. Shilpi Kapur and Ms. Rashi Sirohi are also providing technical support to the MoEF&CC, Government of India in preparation towards the ECSWG meetings. The second ECSWG meeting will be held in Gandhinagar from March 27 to 29



### Release of Just Finance India Report

The Just Finance India report authored by Dr. Prasad Modak (EMC), Nick Robins (Grantham Research Institute on Climate Change and the Environment at the London School of Economics (LSE)) and Suranjali Tandon (National Institute for Public Finance and Policy) was released on February 28. This work was supported by the British International Investment (BII).



### Launch of EMCAT web portal

GIZ assigned EMC the task of upgrading the Environmental Self-Assessment Tool (Env-SAT) for Micro, Small, and Medium Enterprises (MSMEs) and making it more user-friendly with enhanced user experiences and access to knowledge. EMC was also entrusted with the task of operating the tool beyond the project period on a self-sustaining basis by proposing a business model. Accordingly, EMC revamped Env-SAT and developed a new tool named "Environmental Management and Compliance Assessment Tool (EMCAT)". The web portal was officially launched on February 24 by Dr. Prashant Gargava, Member Secretary, CPCB, Dr. K.S. Sethi, Chairman, SPCB Tripura, Dr. Raghu Babu, Program Director, GIZ, and Prahlad Tewari, Vice President, EMC.

The EMCAT web portal is hosted on EMC's server and built on the WordPress™ platform with the Gravity Forms™ plugin and add-on features. No data from the user is stored on EMC's server except the information supplied during registration. The report on self-assessment is emailed only to the registered users and does not certify as such the environmental compliance of the user MSME.

EMC proposes to maintain the EMCAT portal for at least three years and ensure its smooth operation, data protection, security, upgrades, and troubleshooting. The EMC team will also keep updating the web portal by updating relevant guidelines, directives, and orders issued by the regulatory authorities from time to time as directed to MSMEs. Foundation of MSME Clusters (FMC) is EMC's partner for training and promotion. Contact Prahlad Tewari at [prahlad.tewari@emcentre.com](mailto:prahlad.tewari@emcentre.com) to learn more.



### EMC signs MoU with AMTOI

EMC signed an MoU with the Association Of Multimodal Transport Operators of India (AMTOI) on environmental, social and governance (ESG) on 23 February. AMTOI is the prime association of logistic operators in India representing 12 major associations of prominent stakeholders in India. EMC will support AMTOI's ESG Council to promote understanding of ESG and focus on decarbonization and circular economy.

### Ekonekt to host SEED Starter 2023 Workshop

Ekonekt Knowledge Foundation has been selected to implement the SEED starter 2023 workshop in India. SEED supports the growth of MSMEs that deliver social, environmental and economic returns in developing countries or countries with emerging economies, so contributing to local sustainable development. The SEED Starter Workshops are split into two different workshop modules focusing on (a) business model design (3-days) and (b) business model refinement (2-days). The workshops will be conducted for future entrepreneurs in April and May in the city of Ahmedabad.

### Speaking Engagements

- Dr. Shilpi Kapur was invited to deliver a lecture on the topic of Circular Economy for the students of M.Tech Packaging Technology at IIT Roorkee on 7 February. This is the Flagship program of IIT Roorkee under the Department of Paper Technology. IIT Roorkee is the only Institute in India to provide two years of full-time Master's Program in the packaging field. EMC and IIT Roorkee are also looking forward to having an MOU to strengthen the Institution-Industry Interaction for training, special lectures, meetings, conferences, and exploring other collaboration opportunities.
- Dr. Shilpi Kapur delivered a lecture on the topic of "Climate Change and Circular Economy" for the Master's/Doctoral students of the Climate Change and Sustainable Development academic program at the Asian Institute of Technology on 14 February. This lecture was delivered as a part of the seminar course on "Climate change challenges and responses".
- Dr. Prasad Modak was invited by Legasis to deliver a webinar on the Importance of ESG for Supply Chain Management on 23 February. The webinar offered a broad overview and case studies of the benefits of integrating ESG into supply chain management to help reduce risks to business, reputation, and stakeholders, and to improve governance, environmental and social performance.
- The Banker's Institute of Rural Development (BIRD) under the aegis of the National Bank for Agriculture and Rural Development (NABARD) invited Mr. Prahlad Tewari, Vice President, EMC to take a session on "Technology in Off Farm Sector, resource-efficient technologies, clean and green technologies - Business Models and strategies" on 24 February.

### Publications by the EMC Team

Dr. Shilpi Kapur published an article titled "Ecological modernization: Advancing circular economy" in a special edition of the Material Recycling Association of India's (MRAI) magazine, Material Recycling, Volume 5, Issue 1 published in February 2023. The article applies the framework of ecological modernization to the context of circular economy. It suggests that increases in energy and resource efficiency or sustainable supply chain management through radical innovations impacting emissions and resource use can be a source of future growth and development.

### Update on EMC Team

EMC welcomes three new team members!

**Dr. Sudheer Kumar Shukla** has joined EMC as Assistant-Circular Economy. Dr. Shukla is a trained environmental scientist with over 17 years of research, consultancy and teaching experience in environmental science and engineering, including 10 years of international experience. His key focus areas are resource efficiency and circular economy, wastewater treatment and recycling, solid waste management, environmental impact assessment, and policy formulation. Dr. Shukla holds a doctorate in environmental engineering from IIT Roorkee. Before joining EMC, Dr. Shukla worked with GIZ and EU-REI as a consultant, with National University of Science and Technology, Oman as a Professor, and with Yonsei University, South Korea, as a Research Professor. Outside of work, Dr Shukla enjoys yoga and poetry.

**Gina Acharya** is an Urban Planner and an Infrastructure Specialist. She holds a degree in Bachelors of Planning and Masters of Urban Infrastructure from CEPT University, Ahmedabad. She has 3 years of diverse work experience in urban planning, infrastructure and climate domain which consisted of projects as well as research work. Prior to EMC, she worked with ICLEI South Asia where her focus areas were environmental sustainability, climate vulnerability & risk assessment, clean air, urban cooling and urban governance. She has also been associated with CEPT Research and Development Foundation where she worked on several projects, including SPMRM (Rurban Mission) ICAP Phase 3, Comprehensive Mobility Plan of Surat, and Water4Change. She also had the opportunity to be part of the Urban 20 Ahmedabad Team, 2023. Beyond professional interests, she is inclined towards reading, fitness and sketching.

**Mayuri Salgaonkar** has joined EMC as Chief People's Officer. She has varied experience of more than 23 years. She started her career in Environmental and Management Consultancy and independently handled projects for QMS and EMS (ISO 9001 and ISO 14001). As a consultant, she helped clients with Gap Analysis, Documentation, Training, Auditing, NC closure and guiding them through the process of certification. She is a Graduate in Microbiology, PGD in Environmental Pollution Control Technology from Mumbai University. MBA in HRD followed by Certification in Learning and Development Management as well as Instructional Design (L&D and ID). For the last 16 years, she has worked in HRD (handling Policy preparation, Talent Acquisition, PMS and Learning and Development). She has also handled responsibility as System Coordinator for QMS, EMS and FSMS, being an internal auditor for all three systems. Mayuri loves to read and is passionate about travelling and listening to Hindustani Classical Music.

### Featuring EMCians

At EMC, we cherish our relationship with our alumni, including interns, and continue to stay connected on a WhatsApp group "EMCians" that now has more than 120 members. We are hence taking a step forward and introducing some of our alumni as a part of the EMC-Ekonekt newsletter.

**Swati Shinde** worked with EMC from June 2010 to November 2013 in the capacity of Assistant Vice President. At EMC, Swati was mainly responsible for leading projects related to climate change adaptation, disaster management, strategic environment management, social inclusion and support on projects related to environment and social due diligence for infrastructure. Post her tenure at EMC she continued to remain engaged as an associate and was also involved in academia and consultancy. She won the Best Teacher Award for 2015-16, Sem-I, M. Arch. (Urban & Regional Planning) at the Rachana Sansad Institute of Urban & Regional Planning. In the past 7 years of her career, she has been engaged in program coordination and implementation roles with government and international agencies.

**Abhay Misri** worked as an intern at EMC for 2 months in 2019. At EMC, he was involved in climate change assessments of physical assets, and providing support to financial institutions in implementing environmental and social risk assessments. He is currently engaged as a Consultant with KPMG India.

### Are you participating in the Eko-Life initiative?

We hope you are making conscious lifestyle choices and actions that contribute to a larger movement to protect and preserve the environment. Don't forget to contribute your ideas on LiFE in the twelve (12) action areas each month on <https://ekonekt.net/eko-life/>

Register on <https://ekonekt.net/eko-life/>, if you have not already, and join the contest to become an Eko-Warrior! Please participate and encourage others to contribute their ideas and experience on practicing sustainable lifestyles.

### Monthly Webinar on Eko-Life

In this month's Eko-Life webinar, we discussed **WHY SEGREGATE HOUSEHOLD WASTE? OPPORTUNITIES AND CHALLENGES!**

Prof Brajesh Kumar Dubey was our guest speaker for this webinar. Prof Dubey is a researcher, consultant and educator in the area of Sustainable Engineering and Circular Economy. He is Professor of Circular Engineering in the Department of Civil Engineering at IIT Kharagpur, as well as Chair, School of Water Resources at IIT Kharagpur.

#### Highlights from the webinar!

In line with the theme of LiFE, Prof Dubey discussed the basics of waste management at individual and community level. He pointed out that the quality of compost produced through composting is poor and the energy production potential of waste-to-energy technologies is reduced due to mixing of municipal waste, making resource recovery difficult as well.

Join us for more such insightful Eko-Life Webinars, to be held on the first Friday of every month!



For those interested in the space of ESG, you may want to attend the national launch of the Indian ESG Network and Awards 2022-2023. To know more, register for the national launch at <https://www.indianesgnetwork.com/register> and nominate yourself for the awards at <https://www.indianesgnetwork.com/nominate>.

### Internships at EMC

EMC has a robust internship program for students and young professionals willing to pursue a career in sustainability. We receive at least three applications every week!

At EMC, we consider an internship to be a key opportunity for learning in life. EMC's Internship program is designed to provide experiential learning to graduates/postgraduate students or those who are looking to get hands-on experience before their next academic program in the field of environmental management. To know more [click here](#).

**Immediate requirement: Interns to support the Eco-entrepreneurship Program at Ekonekt!** Please write to [vishwa.trivedi@emcentre.com](mailto:vishwa.trivedi@emcentre.com)

### We are hiring!

In view of our expanding business canvas, we are continuously looking to expand our team. We need people that come from interdisciplinary areas, have a passion for the environment, and have good writing and communication skills. If you have a fire in your belly and are ready to learn, then EMC is the place for you.

If interested, please send your CV to Dr Prasad Modak, Executive President, EMC at [prasad.modak@emcentre.com](mailto:prasad.modak@emcentre.com)

For more highlights and details on past projects, you can access the previous issues of our e-newsletter, [here](#)

Thank you for your time! Click [here](#) to subscribe to EMC Ekonekt joint e-newsletter!

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