



Environmental Management Centre Pvt. Ltd.



Greetings from Team EMC and Ekonekt!

Welcome the festive season of Shraavan and Ganeshotsav and we are happy to have you along on our journey. Like every month, we are back with the highlights of the last month at EMC and Ekonekt.

New and Exciting Projects awarded to EMC

- EMC has been engaged by a reputed solar company to conduct Environmental and Social Impact Assessment in accordance with IFC PS for a 50 MWp solar plant located in Thoothukudi district, Tamil Nadu.
- Asha Ventures is a network of business leaders and philanthropists that leverages collective expertise, networks and capital for social impact. On behalf of Asha Ventures, EMC would be carrying out an Environmental and Social Due Diligence as well as preparing an E&S Policy and Guidance on Procedures for an electric vehicle financing company.
- EMC has been engaged by a leading auto component manufacturing company to provide Advisory Services for the company's journey towards sustainability. To kick start this engagement, EMC is supporting the company in the preparation of its ESG Policy and hand holding them in attaining certification by EcoVadis on their sustainability performance.
- EMC has been engaged by Kotak Alternate Asset Managers Limited for conducting Environmental, Social and Governance Due Diligence of a Road Asset in Bihar.
- EMC is working with the Egyptian Pollution Abatement Programme (EPAP) Phase III, to prepare a Circular Economy Booklet of success stories for the industries in Egypt to guide them on the potential of circular economy.

Reconnecting for Recharging - EMC- EKF Off-Site

An off-site for EMC-EKF was held at a picturesque resort **Paramount Riverfront**, located on the Ulhas River front at Karjat on 4-5 September 2023. The purpose of this off-site was to ensure that all in EMC-EKF, working in multiple locations, meet each other in person, to enhance team spirit, improve team dynamics and strengthen team bonding.

Sessions for team building were planned by our talented and enthusiastic young ladies - **Rashi Sirohi, Shreeranjini Iyer and Gina Acharya**

The first day started with an Ice- breaking session, Number Cluster game and races like three-legged race and lemon and spoon race. This was followed by a satirical skit written, on EMC and its Clients, directed by "Munnabhai" **Jay Mehta** and "Circuit" **Yash Sadavratil**. This was hilarious.

We then had an open mike session, where all enjoyed singing and with poetry recitals by **Dr Sudheer Shukla** and **Shreeranjini Iyer**. Post dinner, we had a karaoke night where **Rachna Rokade, Sivaranjani, Prahlad Tewari, Megha Roy and Mayur Margaj** sang and **Tapan Wagle**, our Senior Associate and an accomplished singer, rendered several melodious songs, both old and new.

Second day begun with an interesting session on some interesting statistics related to EMC-EKF team such as origin city, zodiac signs, experience years. This was followed by a distribution of certificates of appreciation by Dr Modak to each team member with a customized special line of appreciation for them in contributing to EMC-EKF's success. As 5th September is **Teachers Day**, we celebrated the same by thanking Dr Modak as our teacher and a mentor. A bouquet of photographs was presented to Dr Modak, who then narrated memories and stories associated with each photograph, recounting the anecdotes in his life! We concluded the session by wishing Yash Sadavratil (one of the youngest EMCian!) on his birthday.

The off-site was indeed a valuable and enriching experience to all of us with lots of fun, exposition of talents and great bonding.

After all, in consulting companies such as EMC, people matter the most. Our people are our assets. Would you like to be part of us?



Fraunhofer India and EMC release a Knowledge Paper on "Circular Economy – Creating a Sustainable Environment" at the 6th Fraunhofer Innovation and Technology Platform (FIT)

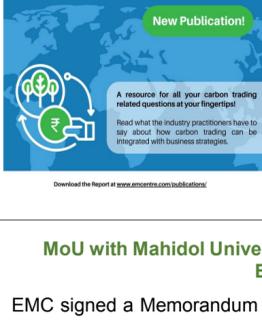
Fraunhofer India held a conference on September 7 in Bangalore on the theme "**Circular Economy – Creating a Sustainable Environment**". On Sept. 6, a special conference was held on **Hydrogen**.

Internationally, Germany stands as a beacon of innovation in fostering circular economy. From waste minimization and reuse to recycling and innovative waste-to-energy solutions, its multifaceted approach exemplifies a nation poised for sustainable transformation. Institutions like Fraunhofer, Europe's largest applied research organization, shine as exemplars of this commitment. The Fraunhofer Innovation and Technology (FIT) Platform is an exciting initiative and annual flagship event of Fraunhofer in India that focuses on different thematic fields and showcases cutting edge technologies, innovation and solutions. The 6th edition of the FIT Platform focussed on Circular economy, in the areas of Manufacturing, Mobility, Plastic Waste Management and Recycling, and Wastewater management (with focus on food-water-energy-nexus).



EMC was the knowledge partner to this event. Dr Prasad Modak gave a theme address in the Inaugural Session along with experts from Germany. Dr Modak's presentation was followed by the address by the Guest of Honor, Mr Suman Beri, Vice Chairman of NITI Aayog. Shri. Priyanka Kharage, Hon'ble Minister for IT, BT and Rural Development and Panchayat Raj, Government of Karnataka was the Chief Guest. He released the Knowledge Paper that draws out the status quo and trends in each theme and brings into sharp focus the challenges and solutions for sustainability, developing a tapestry of technology interventions that can be further developed and rolled out.

One of the key recommendations emerging out of this event is to create an "Indo German Cluster of Excellence for Circular Economy", with stakeholders from Government, Industry, Academia and Research. EMC hopes to continue the partnership with Fraunhofer in taking forward this recommendation. [Click here](#) to download the knowledge paper and share your feedback.



EMC releases a Knowledge Product "Demystifying Carbon Trading"

Carbon credits and carbon trading have become hot topics of discussion in recent times. Many are curious about the generation of carbon credits, carbon pricing, and the trading mechanism. Increasingly, businesses want to learn about how to integrate carbon trading into their overall decarbonization strategy. After all, at its core, carbon trading is about discovering innovative approaches to reduce greenhouse gas emissions while simultaneously reaping economic benefits.

Given the current interest in carbon trading and various recent initiatives, we produced a Knowledge Product on demystifying carbon trading. We hope that all readers will find this Knowledge Product informative and relevant. Download this Knowledge Product at www.emcentre.com/publications

MoU with Mahidol University on preparing a bankable project for Plastic Waste Management for Bangkok Metropolitan Authority (BMA), Thailand

EMC signed a Memorandum of Understanding to support Mahidol University in the UN project on Promotion of Countermeasures Against Marine Plastic Litter in Southeast Asia and India called "CounterMEASURE". The scope of work under this MoU will focus on developing a project proposal for circular and inclusive plastic waste management for BMA. The proposal will be for a facility based on the PPP concept and will be prepared in the format generally required for potential funding agencies such as DFIs, MDBs and Trust Funds. Apart from the project proposal for financing, EMC will develop a MS Excel based model that can be used to conduct the financial feasibility analysis for other project proposals and estimate non-monetary benefits such as GHG emission reduction, green jobs etc. EMC will also prepare a Training manual and assist in delivering a training program for staff at Mahidol University and BMA.

EMC concludes a project on Business Responsibility and Sustainability Reporting (BRSR) with Stock Holding Corporation of India

EMC was working with Stockholding Corporation of India (SHCIL) since the last 8 months to support them on the preparation of their ESG Policy and the BRSR. This work has been completed and the engagement of this first phase concluded with two capacity building workshops on BRSR. One workshop was organized in a physical mode for the senior management of SHCIL and the other workshop was organized in a virtual mode for representatives from different branches of SHCIL across the country. EMC is now looking forward to the next phase of engagement with SHCIL to provide other advisory services on ESG to SHCIL.



EMC team in Cairo to conduct Supply Chain Audit on Plastic Waste Recycling

EMC has been engaged by a leading multinational chemical and consumer goods company to conduct Environmental & Social Due Diligence of (an informal sector focused) plastic packaging project in Cairo, Egypt. EMC team of Dr. Shilpi Kapur and Ms. Vishwa Trivedi was in Cairo for a duration of one week for this assignment and conducted interviews and focussed group discussions (FGDs) with 50+ stakeholders across the plastics waste value chain. The team also visited various waste sorting centres and waste collection centres to observe their operations. The team focussed on project implementing company's environmental and social programs, management systems, their implementation, and assessed compliance of the ongoing work under the project with client's requirements, and applicable national and international standards. Accordingly, corrective actions are now being identified and will be recommended as part of the Environmental and Social Action Plan that will be submitted to the client for its perusal with the project implementing company.

EMC team in Nepal to conduct landscape analyses of ESG at 16 commercial banks for Invest for Impact Nepal

EMC has been engaged by Invest for Impact Nepal (IIN) to understand ESG preparedness of Nepalese Banks and identify potential challenges with respect to ESG risk management essential to attract foreign investments in the country. As part of the project, team EMC developed a detailed interview protocol and interviewed 16+ banks in Nepal in addition to other key organizations relevant to the banking sector. The team used a structured framework to assess ESRM implementation experience, E&S maturity, E&S performance such as sustainability practices, including the governance and social responsibility of the banks.

A comprehensive landscape analysis was carried out focusing on assessing commitment and ambition on E&S aspects, including existing E&S policies, processes, and initiatives, and reporting and disclosure practices. In addition, the outputs also focused on presenting recommendations and gap filling measures, capturing country level experience of E&S performance in India and other Southeast Asian countries and highlighting global best practices in the banking sector related to ESG. EMC team will be disseminating the findings of this study in a conference to be held in Kathmandu, Nepal on 12th September 2023. The conference is being organized by IIN in partnership with Nepal Bankers' Association and will be attended by some of the global DFIs, Nepalese Banks, regulatory bodies of the country and other relevant stakeholders from the banking industry in Nepal.

Stakeholder Engagement Workshop for Green Skill Curriculum Development

In a collaborative effort between EMC and the Indo-German Initiative Towards Technical Education (IGNITE) on Green Skills, a stakeholder consultation workshop was held on August 10th in New Delhi. The participants at the workshop included representatives from government bodies, industries, think tanks, research organizations, and NGOs. The workshop provided a platform for the exchange of expertise and perspectives on the relevance, entry points and gaps in context of green skills under three key themes: energy efficiency, resource efficiency, and waste management. This workshop is part of a project that EMC and IGNITE are jointly working on with focus on developing knowledge and thematic information reports centred on green skills. These thematic reports will play a vital role in shaping the green curriculum for five focal trades: fitter, electrician, electronics mechanic, turner, and machinist. IGNITE is extending crucial support to this endeavour, with the overarching objective of educating highly skilled technicians based on the German Dual Vocational Educational Training (DVT) model, preparing them to meet industry demands and future challenges. Stay tuned for further updates on this pivotal initiative!



Dr. Aditya Gusain, Principal Environmental Engineer, EMC, spoke as an Expert Resource Person at the Web Policy Learning Event organized by Impact and Policy Research Institute (IMPRI) on 2nd September. This event was organised as part of an Online International Monsoon School Program on "*Understanding the Nuances of Climate Change in Indian Subcontinent: Impact and Way Forward*" which was being conducted during August-September 2023. Dr. Gusain delivered a session on "**India's Transition Journey to Cleaner Energy**" under the theme of Alternate Energy Solutions. The session aimed at providing insights into the complex and pressing issue of climate change in the region, particularly due to transitioning to cleaner sources of energy. Participants gained an understanding of the unique challenges and vulnerabilities faced by the Indian subcontinent in its transition journey and explored potential opportunities along with mitigating its adverse effects through decarbonization planning. A diverse group of over 65 participants comprising students, faculty, research analysts, NGO representatives, consultants, and the industrial sector attended the event.

Update on EMC team

EMC welcomes its new team members ! EMC continues to expand.

Apurva Vaidya joined EMC as Senior Sustainability Specialist. Apurva is an Environmental Engineer with a Master's degree from D.Y. Patil College of Engineering, Akurdi Institute. Along with Advanced Diploma in Industrial Safety, Apurva has worked on Sustainability Audits for third party and as Safety officer in Automotive & Chemical Sector. With a strong foundation in EHS, she has experience with UPL, Adient India Pvt. Ltd., NCL Innovation Center. Her recent work at the UPL involved supplier sustainability audits based on SDG's. She has interest in playing chess, reading books and trekking.

Rachana Rokade joined EMC as GIS Specialist. She is an Agricultural Engineer with a Master's Degree in Remote Sensing and GIS in Agriculture and Soils specialisation from IIRS, ISRO. She has worked earlier on Soil Erosion modelling, Crop Suitability analysis and Environmental Management, Climate Change and Renewable energy. Rachana has a strong foundation in remote sensing analysis using software such as Erdas Imagine, ArcGIS, QGIS, SNAP and ENVI. She has interest in reading books, singing and travelling.

Internships at EMC

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](#).

To read our second Intern Tracer Study, [click here](#).

Ms. Vaidehi Patil joined us as Intern. She has completed B.Des. in Information Arts and Information Design Practices at Srishti Institute of Art, Design and Technology, Bangalore. A part of her internship, Vaidehi is working on the Design, Outreach and Conduct of CSR Yatra, EMC and Ekonekt Brand Communication with collaterals and web (redesign), Launch of EMC Awards and Product Sustainability Communication.

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

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

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 strongly believe in environmental ethics. Specific fields include ESGMS, Circular Economy, Climate Screening and Sustainable Supply Chains. If interested, please send your CV to Dr Prasad Modak, Managing Director, EMC at prasad.modak@emcentre.com

Join us on our journey. For latest news and updates, follow us on our social media

