Indian Conference on Life Cycle Management (ILCM 2018)

04-05th October 2018
Mumbai, India

Day 1: 04th October 2018 (Thursday)	
08:30 – 09:30	**Registration**
09:30 – 10:30	**Inaugural Session** **Welcome Remarks** *Mr. Dilip Chenoy, Secretary General - FICCI* **Special Address** *Mr. Janardhanan Ramanajalu, Vice President – SABIC* **Special Address** *Mr. Pradeep Banerjee, Executive Director - Supply Chain, Hindustan Unilever Ltd** **Keynote Address** *Mr. Ramdas Kadam, Environment Minister, Govt. of Maharashtra** **Closing Remarks** *Dr. Sanjeevan Bajaj, Advisor – FICCI Quality Forum*
10:30 – 11:00	**Networking Break | Poster Presentation**
11:00 – 12:30	**Session 1: Using Life Cycle Information for achieving/advancing resource efficiency & Circular Economy**: This session will explore use/application of Life Cycle Approaches as a supporting and validating tool in the context of Circular Economy and resource efficiency **How will Life cycle information be used in a digital circular economy?** *Ms. Martina Prox, Strategy & Collaboration for Sustainable production, Ifu Hamburg* **Application of Circular Economy Indicators for Polymer Products and its linkages with Life Cycle Assessment** *Mr. Rajesh Mehta, SABIC Research and Technology Pvt. Ltd.* **Application of an LCA Integrated GTAP Model to Evaluate Sustainable Returns of Utilizing Biomethane as Transport Fuel for Passenger Cars in India** *Mr. Badri Narayan G., University of Washington, USA and Infinite Sum Modelling* **Advance assessment of circular economy - coupling material circularity indicators and life cycle based-indicators** *Mr. Pradip P. Kalbar, Centre for Urban Science and Engineering (CUSE), IIT Bombay*
12:30 – 13:30	**Lunch | Networking Break**
13:30 – 15:00	**Session 2: LCA Case Studies:** This session will showcase LCA studies from industry and researchers supporting the overall sustainable decision making. **Case study 1: LCA study of wood based regenerated Cellulosic Fibers** *Mr. Gaurav Agarwal, Grasim Industries Ltd., Vadodara* **Case study 2: Life Cycle Assessment of Mahindra XUV 500** *Dr N Saravanan, Mahindra Research Valley* **Case study 3: Life Cycle Assessment of production of Cobalt oxide nanoparticles for supercapacitors** *Dr. Brajesh Dubey, Dept of Civil Engineering, IIT Kharagpur, West Bengal* **Case study 4: Life Cycle Sustainability Assessment of Decentralized Wastewater Treatment plants in India** *Ms. Sheetal Kamble, National Institute of Industrial Engineering (NITIE), Mumbai, India*
15:00 – 15:30	**Networking Break | Poster Presentation**

15:30 – 16:30	**Panel Discussion: Demystifying Life Cycle Thinking for Business Decision making** **Panelists:** LCA is a powerful tool yet traditionally it is considered as complex and time consuming. Information delivered by an LCA is essential part of achieving broader goals such as sustainability rather than the simple comparison of product. The session will demystify the complexity around LCA and explore how effectively can life cycle knowledge be used for business decision making. *a) Mr. Tony Henshaw, Chief Sustainability Officer, Aditya Birla Group** *b) Dr. Suman Majumdar, Chief Sustainability Officer, JSW* *c) Mr. Arvind Bodhankar, Corporate Head, Sustainability, TATA Motors** *d) Dr. Ashok Menon, Global Technology Leader, SABIC Technology Centre*
16:30 – 17:30	**Session 3: Harnessing the power of Life cycle knowledge for addressing sustainability challenges:** This session will illustrate the use of Life Cycle Knowledge for addressing the sustainability challenges that we (businesses, nations, civil society) face today and help them take more informed decisions. **Can Life cycle knowledge increase potential of used oil?** *Wg. Cdr. Asheesh Shrivastava, Indian Air Force, University of Petroleum & Energy Studies* **Taking Climate Action by Setting a Science Based Target** *Mr. Prasad Sudhakar Giri, Manager - Sustainability, Mahindra* **Addressing marine litter within life cycle assessment** *Mr. Philip Strothmann, Forum for Sustainability through Life Cycle Innovation*
1900 hrs. onwards	**Networking Dinner** *(Self Paid - for details contact Team FICCI)*
Day 2: 05th October 2018 (Friday)	
09:00 – 09:30	**Welcome Tea**
09:30 – 10:30	**Session 4: Applications of Life Cycle Approaches:** This session will cover multiple aspects of mainstreaming and using Life Cycle knowledge. **Augmenting learnings on "life cycle thinking" in an organization through gamification** *Mr. RaviTeja Pabbisetty, Scientist – Corporate Sustainability, SABIC Research and Technology Pvt. Ltd.* **A new LCI database for India** *Dr Andreas Ciroth, Green Delta, Berlin, Germany* **Life cycle study on steel-concrete composite construction** *Mr. Debashis Datta, AGM (C & S), Institute for Steel Development & Growth*
10:30 – 11:15	**Panel Discussion: Using Life Cycle Knowledge for Circular Plastics Economy:** Life Cycle Assessment (LCA) is a valuable tool for the systematic evaluation of the environmental aspects of a product or service system through all stages of its life cycle and assess different options at any given point in time. While the circular economy thinking intuitively makes sense to consumers and decisions makers, there are quite a few dangers seen from the LCA perspective. The session will explore the critical importance of LCA based decision making for truly sustainable designs and material choices. Questions that will be deliberated include: Is recycling always a good idea? How do we compare single use vs. multiple use solutions? Are the alternatives to plastic really better for the environment? *a) Mr. Nikhil Deshmukh, Head- Sustainable Solutions, Petchem, Reliance Industries Ltd.** *b) Ms. Rashi Aggarwal, Director, Banyan Nation* *c) Dr. Rachna Arora, Deputy Team Leader – EU REI project, GIZ*

11:15 – 11:45	**Networking Break | Poster Presentation**
11:45 – 13:00	**Session 4: Greening the building and construction sector - using LCA and EPD:** This session will showcase case studies focusing on use of LCA in the building and construction sector and its use in developing EPDs. **Environmental product declaration of average PPC and PSC cement** *Mr. K. N. Rao, Director – Energy & Environment, ACC Limited* **A market-based approach for interpreting, bench-marking and comparisons of LCA- and EPD-information** *Mr. Sebastian Welling, IVL Swedish Environmental Research Institute* **CO2 emission savings from substituting quarried virgin aggregates with recycled aggregates from Construction and Demolition waste** *Mr. Abhijit Banerjee, Senior Research Scientist, CSTEP* **Life Cycle Assessment of Monolithic Concrete Construction Technology (MIVAN)** *Prof. Prajakta Kulkarni, Dr. B.N. College of Architecture*
13:00 – 14:00	**Lunch | Networking Break**
14:00 – 16:30	**Parallel workshops:** - Beginner's course on Getting started with Lifecycle Assessment - Advanced course on Design for Sustainability