



Indian Conference on Life Cycle Management (ILCM 2018)

04-05th October 2018

Vivanta President, Cuffe Parade, Mumbai, India

Day 1: 04 th October 2018 (Thursday)	
08:30 – 09:30	Registration
09:30 – 10:30	<p>Inaugural Session</p> <p>Welcome Remarks <i>Mr. Manoj Patodia, VC & MD, Prime Urban Development Limited</i></p> <p>Special Address <i>Dr. Ashok Menon, Global Technology Leader, SABIC Technology Centre</i></p> <p>Mainstreaming LCT in South Asia: FICCI Initiatives 2012-18 <i>Dr. Sanjeevan Bajaj, Advisor – Quality Forum</i></p> <p>Theme Address <i>Shri Anil Diggikar, Principal Secretary, Environment Dept. Government of Maharashtra*</i></p> <p>Closing Remarks <i>Mr. Mritunjay Kumar, Joint Director & Head- FICCI Quality Forum</i></p>
10:30 – 11:00	Networking Break Poster Presentation
11:00 – 12:30	<p>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</p> <p>Chair: Dr. Prasad Modak, Executive President, Environmental Management Centre</p> <p>How will Life cycle information be used in a digital circular economy? <i>Ms. Martina Prox, Ifu Hamburg</i></p> <p>Application of Circular Economy Indicators for Polymer Products and its linkages with Life Cycle Assessment <i>Mr. Rajesh Mehta, SABIC Research and Technology Pvt. Ltd.</i></p> <p>Advance assessment of circular economy - coupling material circularity indicators and life cycle based-indicators <i>Dr. Pradip P. Kalbar, Centre for Urban Science and Engineering (CUSE), IIT Bombay</i></p> <p>Application of an LCA Integrated GTAP Model to Evaluate Sustainable Returns of Utilizing Biomethane as Transport Fuel for Passenger Cars in India <i>Ms. Tavishi Tewari, National Institute of Industrial Engineering, Mumbai</i></p>
12:30 – 13:30	Lunch Networking Break
13:30 – 15:00	<p>Session 2: LCA Case Studies: This session will showcase LCA studies from industry and researchers supporting the overall sustainable decision making.</p> <p>Chair: Dr. Pradip P. Kalbar, Centre for Urban Science and Engineering (CUSE), IIT Bombay</p> <p>Case study 1: LCA study of wood based regenerated Cellulosic Fibers <i>Mr. Gaurav Agarwal, Grasim Industries Ltd., Vadodara</i></p> <p>Case study 2: Life Cycle Assessment of Mahindra XUV 500 <i>Mr. Alok Bendre, M & M Sustainability</i></p> <p>Case study 4: Life Cycle Assessment of Printing with HP Indigo Digital Press <i>Mr. Umesh Kagade, HP Indigo Division</i></p> <p>Case study 3: Life Cycle Assessment of production of Cobalt oxide nanoparticles for supercapacitors <i>Mr. Baranidharan Sundaram, Dept of Civil Engineering, NIT Andhra Pradesh</i></p>
15:00 – 15:30	Networking Break Poster Presentation



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15:30 – 16:30	<p>Panel Discussion: Demystifying Life Cycle Thinking for Business Decision making</p> <p>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.</p> <p>Chair: Mr. Anirban Ghosh, Chief Sustainability Officer, Mahindra & Mahindra</p> <p>a) <i>Dr. Ashok Menon, Global Technology Leader, SABIC Technology Centre</i> b) <i>Mr. Abhay Pathak, Head, Sustainability, TATA Motors</i> c) <i>Dr. Rajesh Kumar Singh, Managing Director, Thinkstep Sustainability Solutions Pvt Ltd</i></p>
16:30 – 17:45	<p>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.</p> <p>Chair: Mr. Manohar Samuel, Sr. President Marketing, Birla Cellulose</p> <p>Can Life Cycle Knowledge increase potential of used oil? <i>Wg. Cdr. Asheesh Shrivastava, Indian Air Force, University of Petroleum & Energy Studies</i></p> <p>Taking Climate Action by Setting a Science Based Target <i>Mr. Prasad Sudhakar Giri, Mahindra Sanyo</i></p> <p>Addressing marine litter within Life Cycle Assessment <i>Mr. Philip Strothmann, Forum for Sustainability through Life Cycle Innovation</i></p> <p>Hotspots Analysis of the Global textiles value chain <i>Dr. Sanjeevan Bajaj, FICCI</i></p>
1930 hrs. onwards	<p>Networking Dinner (Self Paid - for details contact Team FICCI)</p>
Day 2: 05th October 2018 (Friday)	
09:00 – 09:30	<p>Welcome Tea</p>
09:30 – 10:30	<p>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.</p> <p>Chair: Ms. Martina Prox, Ifu Hamburg</p> <p>Environmental product declaration of average PPC and PSC cement <i>Mr. K. N. Rao, ACC Limited</i></p> <p>A market-based approach for interpreting, bench-marking and comparisons of LCA- and EPD-information <i>Mr. Sebastian Welling, IVL Swedish Environmental Research Institute</i></p> <p>Life Cycle study on steel-concrete composite construction <i>Mr. D Datta, AGM (C & S), Institute for Steel Development & Growth</i></p>
10:30 - 11:00	<p>Networking Break Poster Presentation</p>
11:00 – 12:00	<p>Panel Discussion: Using Life Cycle Knowledge for Circular Plastics Economy: 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 so we can balance trade-offs, avoid burden shifting and positively impact the economy, environment, and society. While the circular economy thinking intuitively makes sense to consumers and decisions makers, however from LCA perspective, there are few risks involved with this approach. The session will explore the critical importance of LCA based decision making for truly sustainable designs and material choices.</p> <p>Chair: Dr. Ashok Menon, Global Technology Leader, SABIC Technology Centre</p> <p>a) <i>Mr. Arvind Agharkar, Vice President, Reliance Industries Ltd.</i> b) <i>Ms. Rashi Aggarwal, Director, Banyan Nation</i> c) <i>Dr. Shilpi Kapur, Fellow, TERI</i></p>



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12:00 – 12:15	Interactive Exercise - LCA Game <i>Mr. RaviTeja Pabbisetty, SABIC Research and Technology Pvt. Ltd</i>
12:15 – 13:00	Session 5: Life Cycle Inventory data as fundamental necessity for sustainable production and consumption: This session will explore the opportunities and Challenges in creating national/ industry specific Life Cycle inventory database/datasets and the interoperability of databases Chair: Dr. Rajesh Biniwale, Principal Scientist, NEERI Overcoming the challenge of data accessibility and interoperability with the Global LCA Data Access platform <i>Dr Llorenç Milà i Canals, UN Environment</i> A new LCI database for India <i>Dr Andreas Ciroth, Green Delta, Germany</i> Life Cycle Inventory for Textile and Agriculture sector in India <i>Ms. Archana Datta, FICCI</i>
13:00 – 14:00	Lunch Networking Break

*TBC

Posters

1	Harnessing the power of LCT for addressing Sustainability Challenges <i>Ms. Sunetra Kulkarni, ISO-QMS, Public Administration</i>
2	Life Cycle Assessment of Monolithic Concrete Construction Technology (MIVAN) <i>Ms. Tanvi Patil, Department of Environmental Architecture, Dr. B.N. College of Architecture, Pune</i>
3	A strategy for Recognition and Branding of Business and achieve sustainability <i>Mr. Joy Shah, Innov8 ProTech Solutions</i>