



# Indian Conference on Life Cycle Management (ILCM 2016)

17-18 October 2016

FICCI, Federation House, New Delhi, India

Day 1: Monday, October 17	
<b>08:30 – 09:30</b>	<b>Registration</b>
<b>09:30 – 10:30</b>	<b>Inaugural Session</b>
09:30 – 09:40	Welcome Remarks <i>Dr. A Didar Singh, Secretary General, FICCI</i>
09:40 – 09:50	Inaugural Address <i>Shri Anurag Goel, Former Secretary, Ministry of Corporate Affairs, Government of India</i>
09:50 – 10:00	Theme Address <i>Dr. Feng Wang, Programme Officer – United Nations Environment Programme (UNEP)</i>
10:00 – 10:10	Theme Address <i>Dr. Rajnish Karki, CEO – Karki Associates</i>
10:10 – 10:20	Closing Remarks <i>Dr Sanjeevan Bajaj, Adviser – Quality Forum, FICCI</i>
10:20 – 10:30	Vote of Thanks <i>Shri MA Patil, Director – Quality Forum, FICCI</i>
<b>10:30 – 11:30</b>	<b>Session 1: Internalizing LCT in Business Strategy</b>
<b>Chairs</b>	<i>Sanjeevan Bajaj, Quality Forum, FICCI (India)</i> <i>Bimal Arora, Centre for Responsible Business (India)</i>
	The Role of Science in Shaping Sustainable Business: Unilever Case Study <i>Edward Price, Unilever (UK)</i>
	Tailoring LCA Practices to Achieve Business Imperatives <i>Ananda Sekar, SABIC Research &amp; Technology Pvt. Ltd. (India)</i>
	LCA: A holistic approach for driving sustainability! <i>Abhay Pathak, TATA Motors Ltd. (India)</i>
<b>11.30 – 11:45</b>	<b>Networking Break   Poster Presentation</b>
<b>11:45 – 13:00</b>	<b>Session 2: Eco-innovation and sustainable products</b>
<b>Chair</b>	<i>Yasushi Kondo, Waseda University (Japan)</i>
	Sustainability as a source of innovation: Results of UNEP Eco-innovation project <i>Long Nguyen Hong, on behalf of UNEP (France)</i>
	Implementation of the D4r Laptop Pilot Case in the Basque Country <i>Itziar Vidorreta Herrán, GAIA (Spain)</i>
	Opportunities and Challenges of Bioplastics as a Business Case for Eco-Innovation - Present and Future <i>Venkateshwaran Venkatachalam, Institute for Bioplastics and Biocomposites (Germany)</i>
	Constructed Wetland as a Natural Treatment System for Wastewater Management: An Eco-Sustainable Product <i>Dinesh Kumar, National Institute of Hydrology (India)</i>
<b>13:00 – 14:00</b>	<b>Lunch   Networking Break</b>



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<b>14:00 - 15:15</b>	<b>Session 3: LCT in enabling shift towards Sustainable Consumption Production</b>
<b>Chair</b>	<i>Martina Prox, ifu Hamburg (Germany)</i>
	Urban mining for a circular economy – A life cycle perspective <i>Sonia Valdivia, World Resource Forum (Switzerland) Via Skype</i>
	Resource Efficiency and Secondary Resource Management as a Foundation for Developmental Policy in India <i>Uwe Beker, GIZ (India)</i>
	Sustainable Production and Consumption Models and Certification Tools in Chinese Food Supply Chains "Capacity4food" <i>Itziar Vidorreta Herrán, GAIA (Spain)</i>
	Circular Economy: Application of LCA and the Role of Steel Industry <i>Aniket Bodewar, TATA Steel (India)</i>
<b>15:15 - 15:30</b>	<b>Networking Break</b>
<b>15:30 – 16:00</b>	<b>Special Session: Interaction with BIS</b>
<b>16:00-17:30</b>	<b>Session 4: Life Cycle Inventory data as fundamental necessity for sustainable production and consumption</b>
<b>Chair</b>	<i>Mark Barthel, 3keel LLP (UK)</i>
	Sustainable Recycling Industries Project; Providing the Seed for LCI Data in India <i>Amir Safaei, ecoinvent (Switzerland)</i>
	Towards a Global Network of Interoperable LCA Databases <i>Feng Wang, UNEP (France)</i>
	Criteria for reviewing LCA data sets <i>Andreas Ciroth, GreenDelta (Germany)</i>
	Constructing a New Waste Input-Output Database and its Application in Life Cycle Analysis <i>Yasushi Kondo, Waseda University (Japan)</i>
	Developing Readiness for Creation of Indian LCA Database/Datasets <i>Sanjeevan Bajaj, FICCI (India)</i>
DAY 1 GROUP PHOTO	



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Day 2: Tuesday, October 18, 2016	
<b>08:30 – 09:30</b>	<b>Welcome Tea</b>
<b>09:30- 10:30</b>	<b>Session 5: Mainstreaming LCT in Decision making process</b>
<b>Chair</b>	<i>Brajesh K Dubey, Indian Institute of Technology Kharagpur (India)</i>
	Product Stewardship through Life Cycle Assessment <i>Sandeep Shrivastava, Ambuja Cement (India)</i>
	ISO 14001:2015 - How Companies can address the new requirement of “Taking a Life Cycle Perspective” when identifying and assessing Environmental Aspects and Impacts <i>Martina Prox, ifu Hamburg (Germany)</i>
	A Programmatic Approach to Mainstreaming Life Cycle Innovation <i>Philip Strothmann, Forum for Sustainability through Life Cycle Innovation (Germany)</i>
<b>10:30 – 11:00</b>	<b>Networking Break</b>
<b>11:00 – 13:00</b>	<b>Special Session: Eco labelling and EPD for building materials standard, schemes and experience for the Indian market</b> <b>Session Coordinator: Indo – Italian Chambers of Commerce</b>
<b>13:00 - 14:00</b>	<b>Lunch   Networking Break</b>
<b>14:00 – 15:15</b>	<b>Session 6: Application of LCT in industry</b>
<b>Chair</b>	<i>Feng Wang, UNEP (France)</i>
	Low Environmental Impact Printing with HP Indigo Digital Press for Production of Flexible Packaging <i>Carlos Lahoz, Hewlett-Packard (Spain) Via Skype</i>
	Social Life Cycle Impact Assessment in Value Chain - A Pilot Study in Steel Industry <i>Ambalika Gupta, Mahindra Sanyo Special Steel Pvt. Ltd. (India)</i>
	Avoided CO2 Emissions from Petrochemical Products - Methodology and Case Studies <i>Rajesh Mehta, SABIC Research &amp; Technology Pvt. Ltd. (India)</i>
	Sustainability assessment of product with the application of life cycle assessment and foot printing tools <i>RK Sharma, India Glycols Ltd. (India)</i>
<b>15:15 - 15:30</b>	<b>Networking Break</b>
<b>15: 30 – 16:45</b>	<b>Session 7: Applications of LCA – Case Studies</b>
<b>Chair</b>	<i>MA Patil, Quality Forum -FICCI</i>
	Technological and Life Cycle Assessment of Organics Processing Odour Control Technologies <i>Brajesh K Dubey, Indian Institute of Technology Kharagpur (India)</i>
	Approaches for a Regionalized Environmental Policy Based Distance-to-Target Weighting in LCAs <i>Marco Muhl, TU Berlin (Germany)</i>
	Regionalized Life Cycle Inventory of Power Producing Technologies and Power Grids in India <i>Muhammed Noor Hossain, Chalmers University of Technology (Sweden)</i>
	Application of Life Cycle Assessment to Concrete Production using Alternative Materials <i>Sandeep Shrivastava, Malaviya National Institute of Technology (India)</i>



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<b>16:45-17:30</b>	<b>Session 8: Life Cycle Inventory Data requirements</b>
<b>Chair</b>	<i>Amir Safaei, ecoinvent (Switzerland)</i>
	Life Cycle Assessment of Products from Agro Based Companies in Uganda <i>Hawah Nambasa, Makerere University Department of Environmental Management (Uganda)</i>
	Life Cycle Inventory Data for Carbon Footprint-A Case of Cut Flower Production in Kenya <i>Daudi Nyaanga, Egerton University (Kenya)</i>
	Benefits of Local Life Cycle Inventory for Sustainable production and Consumption <i>Sunil Kumar, Simapro Software Development India Pvt Ltd (India)</i>
<b>17:30 - 18:00</b>	<b>Best Poster Presentation Award and Plenary</b>
<b>Moderator</b>	<i>Sanjeevan Bajaj, Quality Forum –FICCI</i>
	A ground level perspective <i>Suryakant Kulkarni, Dreamland-Socioeconomic Development Trust (India)</i>
DAY 2 GROUP PHOTO	