



Indian Conference on Life Cycle Management (ILCM 2015)

14-15 September 2015
FICCI, Federation House
New Delhi, India

Day 1: Monday, September 14, 2015; Conference Room-2 nd Floor	
08:30 - 09:30	Registration
09:30 - 10:35	Inaugural Session
09:30 – 09:40	Welcome Address by Dr. Arbind Prasad <i>Director General, FICCI</i>
09:40 – 10:00	Theme Address by Shri Ashok Pavadia <i>Additional Secretary & Adviser, Inter State Council Secretariat, Ministry of Home Affairs, Govt of India</i>
10:00 – 10:15	Special Address by Mr. Jaco Cilliers <i>Country Director – India, United Nations Development Programme</i>
10:15 – 10:25	UNEP/SETAC Life Cycle Initiative: Mainstreaming Life Cycle Approaches by Dr. Llorenç Milà i Canals <i>Programme Officer, United Nations Environment Programme</i>
10:25 – 10:30	Concluding remarks & Vote of Thanks by Dr. Sanjeevan Bajaj <i>CEO-Quality Forum, FICCI</i>
10:35 – 11:30	Panel Discussion on Life Cycle Costing and Public Procurement Policy
Chair	Shri S Vijay Kumar <i>Former Secretary, Ministry of Rural Development, Govt of India</i>
Panelists	Shri Ajay Mathur, <i>Director General, Bureau of Energy Efficiency</i> Shri Sanjay Aggarwal, <i>Director (PPD), Department of Expenditure, Ministry of Finance, Govt of India</i> Dr. Arbind Prasad, <i>Director General, FICCI</i> Dr. Llorenç Milà i Canals, <i>Programme Officer, United Nations Environment Programme</i>
11:30 - 11:50	Networking Break Visit to Exhibition Area; Banquet Hall – 3rd Floor
11:50 – 13:00	Session 1: LCA in Sustainable Manufacturing practices – Case Studies
Chair	John Shideler, <i>GHG Programme Manager - NSF International (USA)</i>
	Lifecycle Assessment of Biofuels under EU REDD Directive <i>Ananda Sekar, SABIC</i>
	Understanding the impacts of printing through LCA <i>Upasana Choudhry, Hewlett-Packard India</i>
	Life Cycle Assessment of a Steel Ring Product in the Value Chain <i>Ramchandra Rane, Mahindra Sanyo Special Steel Pvt. Ltd.</i>
	Comparative LCA of Bio-Glycol Ethers & Conventional Glycol Ethers Production With Emphasis on database management <i>R K Sharma, India Glycols Ltd.</i>
13:00 – 14:00	Lunch Networking Break; Banquet Hall – 3rd Floor



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14:00 – 15:15	Session 2: Realization of Business benefits through LCA/M
Chair	Sanjeevan Bajaj, <i>CEO-Quality Forum, FICCI</i>
	Gaining an Environmental Competitive Advantage through the Use of ISO LCA Tools and Labeling Standards <i>John Shideler, NSF International (USA)</i>
	Importance of Product Social Impact Assessment for improving sustainability performance of a product <i>Marzia Traverso, BMW Group (Germany)</i>
	Realization of business benefits through LCA/M <i>Vijay Jaiswal, VE Commercial Vehicles</i>
	Evaluating the effectiveness of occupancy sensors in net energy conservation: An integrated building life-cycle energy study <i>Tarun Kumar, Indian Institute of Science</i>
15:15 – 15:30	Networking Break; Banquet Hall – 3rd Floor Poster Presentation: Chemical Industry Enabling Avoided Emissions- Life Cycle Perspective <i>Raviteja Pabbisetty, SABIC</i>
15:30 – 16:00	Interactive session with Bureau of Indian Standards Chair: Shri D.K. Nayyar, Scientist-G & DDG - Bureau of Indian Standards (BIS)
16:00 – 17:15	Session 3: Incorporation of LCT in Government guidelines/policies on Sustainability
Chair	Llorenç Milà I Canals, <i>Programme Officer, United Nations Environment Programme</i>
	Life Cycle Thinking to inform scaling up sanitation in India <i>Nimish Shah, Unilever, India</i>
	Policy options for integrating LCA into environmental legislation <i>Matthias Finkbeiner, TU Berlin (Germany)</i>
	European Commission's PEF (Product Environmental Footprint) applied to plastic piping systems <i>Claudia Topalli, TEPPFA (Belgium)</i>
	Life Cycle Assessment (LCA) on Paper - Environment and efficiency towards a paperless Government <i>Chencho Tshering, National Environment Commission (Bhutan)</i>



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Day 2: Tuesday, September 15, 2015; Commission Room – 3rd Floor

08:30 – 09:00	Welcome Tea
09:00 – 10:30	Session 4: LCA Data needs and database development approaches
Chair	Timothy Grant, <i>Director - Life Cycle Strategies Pty Ltd (Australia)</i>
	Developing methodologies and databases for Environmental Hotspot Analysis: An Ongoing Research Project in Japan <i>Yasushi Kondo, Waseda University (Japan)</i>
	International Collaboration on consensus, tools and capacity for enhanced access to and Interoperability of LCA Data <i>Llorenç Milà I Canals, UNEP (France)</i>
	Life Cycle Inventory (LCI) Development for Iron Ore Mines <i>Kumaraguru Rajasekar, TATA Steel</i>
	A new, comprehensive database for social LCA: PSILCA <i>Andreas Ciroth, GreenDelta (Germany)</i>
	LCA data needs and database development approaches <i>Sunil Kumar, Simapro software development India Pvt. Ltd</i>
10:30 – 10:45	Networking Break; Banquet Hall – 3rd Floor
10:45 – 11:45	Session 5: LCT in Sustainability Assessment and Management
Chair	Yasushi Kondo, <i>Waseda University (Japan)</i>
	Decoupling economic growth from resource use – Why Material Flow Cost Accounting is a good start for Small and Medium Sized Enterprises in taking a Life Cycle Perspective <i>Martina Prox, ifu Hamburg (Germany)</i>
	Positioning Life Cycle Sustainability Assessment as a tool on sustainability reporting: a biofuel based case study <i>Chalaka Fernando, LCADesNet (Sri Lanka)</i>
	Role of LCA of Solid Waste Management in Sustainable Development: a review <i>Pooja Yadav, Indian School of Mines</i>
11:45 – 13:15	Session 6: Development & application of national/regional LCI databases
Chair	Matthias Finkbeiner, <i>Chair of Sustainable Engineering - TU Berlin (Germany)</i>
	Challenges for consistent National LCI database development <i>Timothy Grant, Life Cycle Strategies Pty Ltd (Australia)</i>
	Life Cycle Inventories for Emerging Economies; Challenges, Opportunities, and way forward <i>Amir Safaei, Ecoinvent Centre (Switzerland)</i>
	Indian National Life Cycle Database-Requirements-Implementation -Purpose-Benefit <i>Martin Baitz, thinkstep AG (Germany)</i>
	The importance of Lifecycle Inventory in the development of management tools: Nigeria as a case study <i>Ifeolu k. Adewumi, Niger Delta University (Nigeria)</i>
	Enhancing CSR Using LCA-based software to measure monitor and report the impacts of company procurement <i>Unmesh Brahme, Sphere-E</i>



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13:15-14:15	Lunch Networking Break; Banquet Hall – 3rd Floor
14:15 – 15:45	Session 7: LCA in promoting eco innovation and sustainability: Education, Research and Application
Chair	Nydia Suppen, <i>Director General, Centre for LCA and Sustainable Design (Mexico)</i>
	LCA of Biochar application as a soil amendment for maize production <i>Parakrama Karunaratne, University of Peradeniya (Sri Lanka)</i>
	LCA of arc welding and gas welding processes <i>Kuldip Singh Sangwan, Birla institute of Technology and Science, Pilani</i>
	System thinking and life cycle assessment for development of sustainable urban water systems <i>P Mondal, IIT Roorkee</i>
	Environmental assessment of suburban railway including construction and rolling stock manufacturing phase <i>Amar Mohan Shinde, Indian Institute of Technology Bombay</i>
	Material Flow Analysis (MFA) for Water Conservation: Case study of Ganga River basin in Uttar Pradesh <i>Anshika Kandhway, TERI University</i>
15:45 – 16:00	Networking Break; Banquet Hall – 3rd Floor
16:00 – 17:00	Session 8: Worldwide trends in LCA/M
Chair	Martina Prox, <i>Strategy and Collaboration – ifu Hamburg (Germany)</i>
	The launch of the Guidance on Organizational LCA and its road testing <i>Matthias Finkbeiner, TU Berlin (Germany)</i>
	SuBoot – Sustainability Bootstrap project <i>Andreas Ciroth, GreenDelta (Germany)</i>
	Communication and collaboration as essential elements for mainstreaming Life Cycle Management <i>Philip Strothmann, Forum for Sustainability through Life Cycle Innovation (Germany)</i>
17:00 – 17:40	Special Session on Mainstreaming LCT in Developing countries & Plenary
Chair	Sanjeevan Bajaj, <i>CEO-Quality Forum, FICCI</i>
Speakers	Life cycle thinking: Global picture on ‘mainstreaming trends’ and opportunities in Asia for life cycle initiatives creation and expansion <i>Sanjeevan Bajaj, CEO-Quality Forum, FICCI</i>
	Life cycle approaches in Latin American organizations – an approach to identify frontrunners <i>Llorenç Milà I Canals, UNEP (France)</i>
	Status update from Sri Lanka <i>Chalaka Fernando, LCADesNet – Sri Lanka</i>
	Status update from Bhutan <i>Chencho Tshering, National Environment Commission - Bhutan</i>
	Concluding/Closing remarks