

## Indian Life Cycle Assessment & Management Conference, 26-27 September 2013

Day 1: Thursday, September 26, 2013 Location: The LaLiT Ashok, Bengaluru, India

08:30 - 09:30	Welcome Tea & Registration
09:30 - 10:30	<b>Inaugural Session</b>
09:30 - 09:40	Welcome Address by Mr. Sudhakar Gande, Immediate Past chairman, FICCI Karnataka State Council & Chairman & Vice Chairman, Axis Aerospace & Technologies Ltd.
09:40 - 10:00	Inaugural Address by Shri B Ramanath Rai, Hon'ble Minister of Forest, Environment & Ecology Government of Karnataka
10:00 - 10:10	Keynote Address by Dr. Ayi Vaman N Acharya, Chairman, Karnataka State Pollution Control Board
10:10 - 10:20	Special Address by Shri M N Vidyashankar, Additional Chief Secretary to Government, Commerce & Industries Department, Government of Karnataka
10:20 - 10:30	Theme Address by Dr. Rashid Hasan, Advisor, Ministry of Environment and Forests, Government of India
10:30 - 10:35	Joint Announcement of Indian Pilot Projects, UNEP & FICCI
10:35 - 10:45	Concluding remarks & Vote of Thanks by Dr. S Bajaj, CEO, FICCI Quality Forum
10:45 - 11:15	Tea Break
11.15 - 13:00	<b>Session 1: Initiatives by Indian Corporates using LCA/M based principles</b> <i>During this session, Indian cases will share their experience on use of LCA for product or process improvement</i>
Chair	Dr. Rashid Hasan, Advisor, Ministry of Environment and Forests, Government of India
Keynote	Dr. S Bajaj, CEO, FICCI Quality Forum
	<i>Coca-Cola Water Sustainability Programs Are Making A Positive Difference?</i> <i>MVRL Murthy (Coca Cola, India)</i>
	<i>Case Study: Life Cycle Assessment of an Automobile Component by Tata Motors Ltd.</i> <i>Abhay Pathak (Engineering Research Centre, TATA Motors, Pune)</i>
	<i>LifeCycle Assessment In SABIC - An Initiative Towards Sustainable Products</i> <i>Rajesh Mehta, PS Sreenivasan (SABIC, Bengaluru)</i>
	<i>Sustainability Initiatives - The ONGC approach</i> <i>Dr S P Singh (ONGC)</i>
13:00 - 14:00	Lunch

14:00 – 15:30	<b>Session 2: Initiatives at International level on use of LCA based tools</b> <i>The Session will showcase international case studies and experience on use of LCA</i>
Chair	Mr. Michael Betz, CEO, PE INTERNATIONAL AG
Keynote	Dr Donna Jefferies , Scientist - Environmental Sustainability, Unilever (United Kingdom)
	<i>Life Cycle Sustainability Assessment of four disposal scenarios for post consumer PET bottles in Mauritius</i> <i>Rajendra Kumar Foolmaun (University of Mauritius, Mauritius)</i>
	<i>A step toward standardizing LCA for making product claims: Product Category Rule Guidance</i> <i>Vee Subramanian (PRé North America), Wesley Ingwersen (US EPA)</i>
	<i>Water Use In Biofuel Production and LCA Approach - A Study Proposal In Ganges Basin</i> <i>Pradip Gautam (Independent Consultant, Nepal)</i>
	<i>Generic and Specific Data in calculating LCAs for two different Media Products</i> <i>Catharina Hohenthal (VTT Technical Research Centre, Finland)</i>
15:30 – 15:45	Tea break/ Poster Presentation
15:45 – 17:15	<b>Session 3: Business opportunities and challenges in using Life Cycle based approaches</b> <i>This session will focus on the benefits of using LCA in business for better decision making and for promoting greener processes, products and services.</i>
Chair	Dr. Sanjeevan Bajaj, CEO, FICCI Quality Forum
Keynote	Dr. Guido Sonnemann, PMO Co-chair, UNEP/SETAC Life Cycle Initiative & Professor at University of Bordeaux (France) on video conference Timothy Francis Grant, Director, Life Cycle Strategies Pty Ltd (Australia)
	<i>LCA/M - A Tool for Sustainable Industrial Project Development and Operation</i> <i>T. K. Bandyopadhyay (Ministry of Environment, Qatar), N. Bagchi (Environmental Consultant), Dr. M. Salahuddin (Ministry of Environment and Forests, Govt of India)</i>
	<i>Business Value Through Life Cycle Assessment,</i> <i>Dr Rajesh Kumar Singh (PE International, India)</i>
	<i>LCA - Mandatory for Products Sold within the European Union within 5 or 10 Years?</i> <i>Martina Prox (ifu Hamburg GmbH)</i>
	<i>Life Cycle Assessment (LCA): Opportunities and Challenges for Indian Businesses</i> <i>Govind Gadiyar, Prathamesh Ekawde (ERM India)</i>
16:30 - 17:30	<b>Parallel Session: Social LCA workshop</b>
16:30 - 18:00	<b>Parallel Session: Umberto LCA software workshop (ifu Hamburg GmbH)</b>

**Day 2: Friday, September 27, 2013 Location: The LaLiT Ashok, Bengaluru, India**

08:30 – 09:00	Welcome Tea
09:00 – 10:30	<p><b>Session 4: Life Cycle Methodology and Footprinting tools</b></p> <p><i>The session will take a closer look on questions around different methodologies and present available tools. Especially the methodological work of the UNEP/SETAC Life Cycle Initiative will be focused upon.</i></p>
Chair	Timothy Francis Grant, Director, Life Cycle Strategies Pty Ltd (Australia)
Keynote	Ms. Clare Broadbent, LCA Manager, World Steel Association (Belgium)
	<p><b>Developing Global Guidance for Generating And Applying Product Sustainability Information – A Flagship Project of the UNEP/SETAC Life Cycle Initiative</b></p> <p><i>Philip Strothmann (United Nations Environment Programme)</i></p>
	<p><b>Emission Hotspot identification in coke ovens using Life Cycle Assessment</b></p> <p><i>Aniket Bodewar , P K Banerjee (Tata Steel Ltd)</i></p>
	<p><b>HP's Product Carbon Footprinting Strategy for Information Technology Products</b></p> <p><i>Upasana Choudhry, (Hewlett-Packard India) &amp; Alexandra Degher, PhD</i></p>
	<p><b>A Comparative LCA on Multilayer PE Packaging Films</b></p> <p><i>Rajesh Mehta, Gert Coun, Marit van der Heijden, PS Sreenivasan (SABIC)</i></p>
10:30 – 11:00	Tea Break/ Poster Presentation
11:00 – 12:00	<p><b>Session 5: Life Cycle Approaches- Social LCA for developing the institutional framework in India</b></p> <p><i>The human relationships impacted by the life cycle of goods and services are more important in case of developing countries like India. This session will try to re-establish this connection and identify ways in which social conditions can be improved.</i></p>
Chair	Ms. Clare Broadbent, LCA Manager, World Steel Association (Belgium)
Keynote	Dr. Sonia Valdivia, Programme Officer, United Nations Environment Programme (France)
	<p><b>Applying Lifecycle Thinking Beyond Environment, Nimish Shah, (Unilever,India)</b></p>
	<p><b>Exploring Possibilities for Communicating the Environmental And Social LCA Outcomes to Policy Makers and Consumers using Social Marketing Techniques to Drive Behavior</b></p> <p><i>Minhaj Ameen, Dr. Bindu Mohanty, Dr. Anthony Halog (Auroville)</i></p>
12: 00 -13:00	<p><b>Session 6: Life Cycle Approaches-Integration of social aspects in LCA</b></p>
Chair	Dr. Nydia Suppen, Convener WG8/SC5/ISO TC 207 & Director General, Center for Life Cycle Assessment and Sustainable Design (Mexico)
	<p><b>Development of a Methodological Framework for Practical Application of LCA in India</b></p> <p><i>Asha Panwar (Indian Institute of Technology, Mumbai)</i></p>
	<p><b>C2C Model for Effective Waste Management</b></p> <p><i>Gauranga Das (Govardhan Eco Village)</i></p>
	<p><b>Integrated LCA for evaluating Sustainable Development of Dairy Sector: A Case Study of Milk Production in Western Maharashtra, India</b></p> <p><i>Dharmendra Kumar, Bakul Rao (Centre For Technology Alternatives For Rural Areas, Indian Institute of Technology, Mumbai)</i></p>
11:30 – 13:00	<b>Parallel Session: GaBi software workshop (PE International)</b>



13:00-14:00	<b>Lunch</b>
14:00 – 16:00	<b>Plenary Session: 'Towards 2020-Indian Roadmap on LCA'</b>
1	Dr. M Salahuddin, Director, Ministry of Environment and Forests, Government of India
2	Dr. Sonia Valdivia, Programme Officer, United Nations Environment Programme (France)
3	Dr. Nydia Suppen, Convener WG8/SC5/ISO TC 207 & Director General, Center for Life Cycle Assessment and Sustainable Design (Mexico)
Closing Address	Dr. Sanjeevan Bajaj, CEO, FICCI Quality Forum