

First Indian Life Cycle Assessment & Management Conference

August 22-23 2012

Federation House, Tansen Marg, New Delhi, India

Day 1-Wednesday, August 22, 2012	
08:30 - 09:30	Welcome Tea & Registration
09:30 - 09:45	Welcome Address, Mr. R.V. Kanoria, President, FICCI
09:45 - 10:05	UNEP/SETAC Life Cycle Initiative, Dr. Sonia Valdivia, Programme Officer, United Nations Environment Programme
10:05 - 10:20	<i>Unilever sustainable living plan: Life Cycle Management across the value chain</i> Mr. Nimish Shah, Leader, Safety and Environment Assurance Centre, Hindustan Unilever Research Centre
10:20- 10:30	Concluding Remarks by Dr. Arbind Prasad, Director General, FICCI
10:30 - 11:30	Session 1: Life Cycle Thinking (LCT) in Global Policy Making and Decision Making Processes <i>The Session will show how LCT can be successfully implemented in policies across the world. A variety of speakers will present their experiences on implementing LCT into their national policies.</i>
Chairs	Prof. Vinod Kumar Sharma, Professor and Former Dean, Indira Gandhi Institute of Development Research (IGIDR)
	Dr. Guido Sonnemann, Professor, University of Bordeaux
Keynote	<i>Life Cycle Thinking Evolution 2002-2012 and the Phase 3 of The UNEP/SETAC Life Cycle Initiative</i> Dr. Sonia Valdivia, Programme Officer, United Nations Environment Programme
1	<i>LCA-recent developments and drivers in India</i> Mr. Rajesh Kumar Singh, Managing Director , PE Sustainability Solutions Pvt. Ltd
2	<i>Collaborative Research Centre on Sustainable manufacturing-Cooperating with India</i> Dr. Matthias Finkbeiner, Chairman of ISO TC207 SC5 Life Cycle Assessment, Chair of Sustainable Engineering, Technical University of Berlin
3	<i>A Road map for capacity building in LCA in developing countries and emerging economies</i> Dr. Toolseeram Ramjeawon, Dean, Faculty of Engineering, University of Mauritius
11:30 - 11:45	Tea Break
11:45 - 13:00	Session 2: Sustainable Production (Part 1): Energy Saving and Emission Reduction <i>The first session on sustainable production is focusing on energy related aspects. As Energy Saving and Emission Reduction measures are nowadays an integral part of many environmental policies worldwide, the session will discuss the Indian energy scenario and on how Life Cycle based tools could support energy efficiency.</i>
Chair	Mr. Mark Goedkoop, Managing Director, Pré Consultants
Keynote	Mr. Niranjana Khatri, General Manager-ITC Hotels
1	<i>Using LCA for Cleaner Technology in Natural Gas Production</i> Mr. Niranjana Bagchi, Empanelled Assessor, National Accreditation Board for Education and Training (NABET)
2	<i>Life Cycle Assessment of electricity from coal fired power plants in India</i> Ms. Binita Shah, Fellow, National Institute of Industrial Engineering

3	<i>LCA of biomethane as substitute for natural gas– results and best practice advices</i> Dr. A. Lozanovski, Department Life Cycle Engineering, Chair of Building Physics, University of Stuttgart
13:00 - 14:00	Lunch
14:00 - 15:30	Session 3: Life cycle methodology and footprinting tools <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 and the links to the ISO TC207 standard will be focused on. Carbon footprint, water footprint and biodiversity footprinting will be part of the topics presented.</i>
Chair	Dr. Prodipto Ghosh, Chairman, FICCI Climate Change Task Force
1	<i>Carbon Footprint of wood-based panels: Different methodologies leading to contradictory results</i> Dr. Fausto Freire, Assistant Prof, Center for Industrial Ecology Coordinator, University of Coimbra
2	<i>Water Footprint of India</i> Ms. Maite Aldaya, Consultant, United Nations Environmental Programme
3	<i>Environmental benefits from bio-mono ethylene glycol production with the application of Life Cycle Methodology and Foot Printing Tools</i> Mr. Rajeev Kumar Sharma, Joint GM (HSE), India Glycols Limited
15:30 - 15:45	Tea break
15:45- 17:30 16:30- 17:30	Parallel Session 1 Sustainable Production (Part 2): Eco-design, end-of-life management Parallel Session 2 GaBi software workshop
Parallel Session 1	Session 4: Sustainable Production (Part 2): Eco-design, end-of-life management <i>This second session on sustainable production will address various issues such as the use of LCA case studies within industry applications and technology development, for Ecodesign and end-of-life management.</i>
Chair	Dr. Matthias Finkbeiner, Chairman of ISO TC207 SC5 Life Cycle Assessment; Chair of Sustainable Engineering, Technical University of Berlin
1	<i>Integration of life cycle thinking in the steel industry</i> Ms Clare Broadbent, LCA Manager, World Steel Association Mr. Aniket Bodewar, TATA Steel
2	<i>Life Cycle Assessment: A Strategy Tool for Waste Prevention & Minimization</i> Dr. V. Nehru Kumar, Professor & Director, Centre for Environment, Health & Safety, Faculty of Engineering & Technology, Annamalai University
3	<i>Planning Life Cycle Management of discarded electronic wastes in two higher institution</i> Mr. I. Adewumi, Department of Civil Engineering, Niger Delta University
4	<i>LCA of biotechnological solution to improve productivity in shrimp farming</i> Ms. Priyanka Razdan, LCA Specialist, Novozymes South Asia Pvt. Ltd.
Parallel Session 2	GaBi software workshop
	Dr. Martin Baitz, Director, PE International
	Mr. Rajesh Kumar Singh, Managing Director , PE Sustainability Solutions Pvt. Ltd
17:30 - 18:30	Plenary Session 1: Life Cycle Approaches in Sustainability for Government and Businesses
Chair	Dr. Sonia Valdivia, Programme Officer, United Nations Environment Programme
Keynote 1	Putting metrics behind Sustainability, why Sustainability is now seen as a growth and value driver? Mr. M.J. Goedkoop, Managing Director, PRé Consultants
Keynote 2	Life cycle approaches in support of policy goals and their implementation in government, Dr. Prodipto Ghosh, Chairman, FICCI Climate Change Task Force

Day 2-Thursday, August 23, 2012	
09:15 - 09:30	Welcome Tea
09:30- 10:45	<p>Session 5: Sustainable Production (Part 3): Sustainability in Indian business and governments and supporting life cycle based tools</p> <p><i>As sustainable production and consumption efforts tie directly into one another, this session will present various examples of life cycle communication means such as Environmental Product Declarations and ecolabels following a life cycle approach (e.g. carbon footprint).</i></p>
Chair	Mr. Bharat Wakhlu, Resident Director, TATA Group
Keynote	Role and business benefits of international standards on Life Cycle Assessment, Dr. Matthias Finkbeiner, Chairman of ISO TC207 SC5 Life Cycle Assessment; Chair of Sustainable Engineering-Technical University of Berlin
1	<i>Extending LCA as an Effective Sustainability Assessment Tool in Manufacturing</i> Dr. P. Uchil, Indian Institute of Science
2	<i>Corporate Social Responsibility (CSR) & Life Cycle Assessment (LCA): Sustainable Collaboration</i> Ms. Shubha Shanbhag, CDM Technical Reviewer, ERM
3	<i>LCA and Sustainable Construction Industry,</i> Dr. S. N. Pati, Ex-Joint Director, National Council for Cement and Building Materials
4	<i>The Journey of TETRA PAK Cartons,</i> Mr. Pravin Mallick, Environment Manager, Tetra Pak India Pvt. Ltd.
10:45 - 11:00	Tea Break
11:00 - 13:00 12:00-13:00	<p>Parallel Session 1 Life Cycle Assessment and Life Cycle Data</p> <p>Parallel Session 2 SimaPro Software workshop</p>
Parallel session 1	<p>Session 6: Life Cycle Assessment and Life Cycle Data</p> <p><i>This session provides an introduction to a number of sustainability tools in support of decision making in government towards sustainable development. Social Life Cycle Assessment (SLCA), sustainability assessments and ISO 26000 are some of the approaches concerned.</i></p>
Chairs	<p>Dr. Sanjeevan Bajaj, CEO, FICCI Quality Forum</p> <p>Dr. Toolseeram Ramjeawon, Dean, Faculty of Engineering, University of Mauritius</p>
Keynote	Global Guidance Principles for LCA Databases –Opportunities in India Dr. Guido Sonnemann, Professor, University of Bordeaux
1	<i>LCI Databases in the Business Case: Preferences and Characteristics of Professional Users</i> Dr. Martin Baitz, Director, PE International
2	<i>Comparative LCA of road paving technologies in India: a case study of NH-4</i> Dr. Kirti Bhandari, Senior Scientist, Central Road Research Institute
3	<i>Indian Container Glass Industry – LCA</i> Mr. Vinay Saran, AIGMF and Sr. Vice President (Marketing), Hindusthan National Glass & Industries Ltd
4	<i>Life Cycle Assessment – A case study of fertilizer manufacturing</i> Mr. S.G Choudhary, Chief Technology and Sustainability Officer, TATA Chemicals Limited
Parallel Session 2	<p>SimaPro Software workshop</p> <p>Mr. Mark Goedkoop, Managing Director, Pré consultants</p> <p>Mr. Sunil Kumar, Head, SimaPro Software Development India Pvt. Ltd.</p>
13:00 - 14:00	Lunch

14:00 - 16:00	<p>Session 7: Life Cycle Management (LCM) and Life Cycle based approaches</p> <p><i>Data quality and availability is a key challenge in the field of LCA analysis. Hence this session seeks to present progress in the field and raise awareness for the necessity to use verified and reliable data when conducting or using LCAs.</i></p>
Chair	<p>Dr. Sonia Valdivia, Programme Officer, United Nations Environment Programme Mr. Rajesh Kumar Singh, Managing Director, PE International</p>
Keynote	<p>Life Cycle Capability: A framework to align Company Sustainability Initiatives with Strategic and Community Priorities Dr. T.E Swarr, Associate, PE International Inc. & Five Winds Strategic Consulting</p>
1	<p><i>Social LCA as the new metrics in proactive companies,</i> Mr. M.J. Goedkoop, Managing Director, PRé Consultants</p>
2	<p><i>Promoting Sustainable lifestyles in India</i> Dr. R.K. Jalan, Resource Person and Moderator-Climate Change Community, United Nations Development Programme</p>
3	<p><i>The concept of Life Cycle Assessment in Water Resources Management: A new paradigm in Indian context,</i> Dr. V.C. Goyal, Head-Research Coordination and Management, National Institute of Hydrology</p>
4	<p><i>Sustainable Metals Management from a Life Cycle Perspective,</i> Mr. Philip Strothmann, Consultant, United Nations Environment Programme</p>
16:00 - 16:30	Tea break
16:30 - 18:00	<p>Plenary Session 2: 'The Future of LCA in India' towards 2021</p>
1	Dr. Matthias Finkbeiner, Chairman of ISO TC207 SC5 Life Cycle Assessment; Chair of Sustainable Engineering-Technical University of Berlin
2	Dr. Sonia Valdivia, Programme Officer, United Nations Environment Programme
3	Prof Vinod Kumar Sharma, Professor and Former Dean, Indira Gandhi Institute of Development Research (IGIDR)
4	Dr. Guido Sonnemen, Professor, University of Bordeaux
Closing Remarks	Dr. Sanjeevan Bajaj, CEO, FICCI Quality Forum