



# Indian Conference on Life Cycle Management (ILCM 2019)

14-15<sup>th</sup> November 2019

Gujarat Forest Research Training Institute, Gandhinagar, Gujarat

## Day 1: 14<sup>th</sup> November 2019 (Thursday)

0830 – 0900 hrs.	<b>Registration</b>
0900 – 1200 hrs.	<b>WORKSHOP</b> <b>“ROLE OF LCA IN ACHIEVING SUSTAINABILITY GOALS”</b>
1200 – 1300 hrs.	<b>Lunch &amp; Registration</b>
1330 – 1430 hrs.	<b>Inaugural Session</b>
	<b>Welcome Remarks</b> <i>Dr. Sanjiv Tyagi, Additional Principal Chief Conservator of Forests, Gujarat Forest Research &amp; Training Institute</i>
	<b>Keynote Address</b> <i>Sh. Ramanlal Nanubhai Patkar, Minister of State, Forest &amp; Tribal Development</i>
	<b>Special Address</b> <i>Sh. D.K. Sharma, IFS, Principal Chief Conservator of Forest (PCCF) &amp; Head of Forest Force (HoFF)</i>
	<b>Special Address</b> <i>Dr. Ashok Menon, Global Technology Leader, SABIC Technology Centre</i>
	<b>Special Address</b> <i>Dr. Martijn Gipmans, Principal Consultant, Team Lead - Chemicals &amp; Life Science</i>
	<b>Closing Remarks</b> <i>Mr. Mritunjay Kumar, Joint Director &amp; Head- FICCI Quality Forum</i>
1430 – 1500hrs.	<b>Networking Break   Poster Presentation</b>
1500 – 1600 hrs.	<b>SPECIAL SESSION: APPLICATION OF LCA AND DEVELOPMENT OF LOCAL DATASETS IN INDIA (SUPPORTED BY NEERI)</b>
	<b>Chair: Dr. Rajesh Biniwale, National Environmental Engineering Research Institute</b>
	<b>Panelists:</b>
	1. <i>Dr. Sanjeevan Bajaj, Forum for Sustainability through Life Cycle Innovation</i>
	2. <i>Dr. Janki Shah, Rural Programmes Group, Centre for Environment Education</i>
	3. <i>Prof. Vivek Kumar, Indian Institute of Technology, Delhi</i>
	4. <i>Mr. Paresh Vora, WIN Foundations</i>
1600 – 1700 hrs.	<b>SPECIAL SESSION: LCA IN FORESTRY (CO-HOSTED BY GUJARAT FOREST RESEARCH FOUNDATION (GFRF))</b>
	<b>Chair: Dr. Sanjiv Tyagi, Gujarat Forest Research Foundation</b>
	<b>Panelists:</b>
	1. <i>Ms. Nisha Raj, IFS - Deputy Conservator of Forests, Research</i>
	2. <i>Dr. Jignasha Patel, Scientist</i>
	3. <i>Dr. Sangeeta, Senior Research Follow, GFRF</i>
	4. <i>Ms. Rinkal Gadhiya, Research Fellow, GFRF</i>
<b>Group Photograph</b>	
<b>1730 hrs. Onwards: Cultural Evening - Hosted by Gujarat Forest Research Foundation</b>	



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## Day 2: 15<sup>th</sup> November (Friday)

0900 – 0930 hrs.	<b>Registration</b>
0930 – 1030 hrs.	<b>SESSION 1: LCA/LCT – CATALYST TO ACHIEVE CIRCULAR ECONOMY</b>
	<b>Chair: Mr. Ashok K. Pavadia, Council for Research in Policy and Governance</b> <b>USE OF LIFE CYCLE ASSESSMENT AS A SMART TOOL FOR INDUSTRIAL SYMBIOSIS SUPPORTING IN ACHIEVING CIRCULAR ECONOMY IN INDIA</b> <i>Mr. Sagardeep Garg, thinkstep Sustainability Solutions Pvt. Ltd.</i> <b>LIFE CYCLE ASSESSMENT FOR ENHANCING THE RESOURCE EFFICIENCY AND CIRCULARITY IN THE AUTOMOBILE SECTOR IN INDIA</b> <i>Dr. Shilpi Kapur, The Energy and Resources Institute (TERI)</i> <b>ACCELERATING CIRCULAR ECONOMY SHIFT IN THE INDIAN CONSTRUCTION SECTOR USING LCA METHODOLOGY: A CASE STUDY OF AHMEDABAD AND BHUBANESWAR</b> <i>Dr. Reva Prakash, GIZ</i> <i>Mr. Pankaj Khanna, Development Alternatives</i>
1030 – 1130 hrs.	<b>SESSION 2: LCA – AN ENABLER TO BUSINESS PRACTICES</b>
	<b>Chair: Dr. Sanjeevan Bajaj, Forum for Sustainability through Life Cycle Innovation</b> <b>METHODOLOGICAL FRAMEWORK FOR INCORPORATING CIRCULARITY ELEMENTS INTO MODELING OF EOL RECYCLING CREDITS ACROSS LIVES OF PLASTIC PRODUCTS</b> <i>Mr. Ananda Sekar, SABIC</i> <b>PROPOSAL FOR A FULL SUSTAINABILITY ASSESSMENT</b> <i>Mr. Andreas Ciroth, GreenDelta</i> <b>CHALLENGES OF LIFE CYCLE ASSESSMENT AND CIRCULAR ECONOMY IN INDUSTRY - THE VITAL ROLE OF CHEMICALS</b> <i>Dr. R K Sharma, India Glycols Limited</i>
1130 – 1200 hrs.	<b>Networking Break   Poster Presentation</b>
1200 – 1330 hrs.	<b>SESSION 3: LCA CASE STUDIES</b>
	<b>Chair: Dr. Brajesh Dubey, Indian Institute of Technology, Kharagpur</b> <b>Case Study 1: ENVIRONMENTAL PRODUCT DECLARATION OF CONCRETE PRODUCTS</b> <i>Mr. KN Rao, ACC Limited</i> <b>Case Study 2: METAL ADDITIVE MANUFACTURING: A LIFE CYCLE ENVIRONMENTAL PERSPECTIVE FOR VALUE CREATION</b> <i>Ms. Avantika Shastri, Eaton Research Labs</i> <i>Mr. Mallikarjun Biradar, Eaton</i> <b>Case Study 3: LIFE CYCLE ASSESSMENT TO ANALYSE THE ENVIRONMENTAL IMPACTS - FOR CURRENT PRODUCTION PASSENGER VEHICLE</b> <i>Ms. Arunmozhi, Mahindra Research Valley</i> <b>Case study 4: SMART PHONE BASED PRODUCT LIFE CYCLE APPLICATION FOR BETTER IMPLEMENTATION OF CIRCULAR ECONOMY</b> <i>Mr. Saikrishna Venna, National Institute of Technology</i>



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1330 – 1430 hrs.	<b>Lunch   Networking Break</b>
1430 – 1530 hrs.	<b>SESSION 4: ADOPTING LCT INTO POLICY MAKING TO TRANSFORM INDIA'S LCA LANDSCAPE</b> <b>Chair: TBD</b> <b>A NEW LCI DATABASE FOR INDIA</b> <i>Ms. Salwa Burhan, Green Delta</i> <b>APPLICATION OF ORGANISATIONAL LIFE CYCLE ASSESSMENT IN SETTING SCIENCE BASED TARGETS TO ACHIEVE DECARBONIZATION</b> <i>Ms. Hiranmayee Kanekar, thinkstep Sustainability Solutions Pvt. Ltd.</i> <b>Life Cycle Thinking for Market Transformation: MAITREE (Market Integration and Transformation for Energy Efficiency) program experience</b> <i>Ms. Nidhi Gupta, Environmental Design Solutions Pvt. Ltd.</i>
1530 – 1600 hrs.	<b>SESSION 5: OPEN HOUSE – AUDIENCE INTERACTION</b> To reflect on the key takeaways, queries from early professionals, exchange of views on emerging trends and latest developments from the field, including on how to leverage the LCA network enabled through ILCM. <b>Panelists:</b> <ol style="list-style-type: none"><li>1. Dr. Sanjeevan Bajaj, FSLCI</li><li>2. Mr. Anand Sekar, SABIC</li><li>3. Mr. Ravi Teja Pabbisetty, SABIC</li></ol> <i>Moderator: Mr. Mritunjay Kumar, FICCI Quality Forum</i>
1600 – 1615 hrs.	<b>Closing &amp; Vote of Thanks</b>
1615 hrs.	<b>High Tea &amp; Group Photograph</b> <i>Feedback Form Submission</i>