

DAY 1

Rabu, 2 November 2016	
Venue: MYC Multipurpose Room	
Time	Activity
08.00 - 08.30	Registration
08.30 - 08.35	Welcome speech by Head of Organizing Committee ICSolCA 2016, Laurence MT.
08.35 - 08.40	Welcome speech by Indonesian Institute of Science (LIPI) Representative, Arief A.R. Setiawan, MEng.
08.40 - 08.45	Welcome speech by Dean of Faculty of Science and Technology, UPH, Prof. Dr. Manlian R.A. Simanjuntak
08.45 - 09.00	Welcome speech by Chairman of ILCAN, Edi Iswanto Wiloso
Plenary Session, Keynote 1	
09.00 - 09.45	<i>The past, present, future of LCA - lessons and challenges for Indonesia</i>
	Assoc. Prof. Jeroen B. Guinee
	Leiden University, the Netherlands
Plenary Session, Keynote 2	
09.45 - 10.30	<i>Circular Economy and Sustainable Plastic Indonesia: Exercising Policy and Innovation with Life Cycle Thinking</i>
	Ir. Noer Adi Wardoyo, M.Sc.
	(Standardization Center for Environment and Forestry, Ministry of Environment and Forestry, Indonesia)
10.30 - 10.45	Coffee Break
Session 1: Life Cycle Perspective Chair: Novizar Nazir (Andalas University, ID)	
10.45 - 12.00	[S1.1] <i>Environmental Impact Assessment of Motorcycle in Indonesia: Life Cycle Perspective</i> / Sopha, Bertha Maya ¹ ; Setiowati ¹ ; Ma'mun, Sholeh ² 1.) Gadjah Mada University, ID; 2.) Islamic University of Indonesia, ID.
	[S1.2] <i>Life cycle perspective in improving performance of Readymix Plant</i> / Widowati Yosephine Technical Committee, Central Standardization of Environmental and Forestry, Environment and Forestry Ministry, ID.
	[S1.3] <i>Life Cycle Perspectives of Plastic Grocery Bag in Indonesia</i> Hanafi, Jessica ¹ ; Wiloso, Edi Iswanto ² ; Utomo, Tri Hendro ³ ; Harimurti ³ 1.) Universitas Pelita Harapan, ID; 2.) Research Center for Chemistry, LIPI, ID; 3.) Central Standardization of Environmental and Forestry, Environment and Forestry Ministry, ID.
12.00 - 13.00	Prayer and Lunch Break
Plenary Session, Keynote 3	
13.00 - 13.45	<i>Sustainability assessment of biofuels in a life cycle perspective</i>
	Prof. Shabbir H. Gheewala
	King Mongkut's University of Technology Thonburi, Thailand
Session 2: LCA in Agriculture [1] Chair: Wahyu Supartono (Gadjah Mada University, ID)	
13.45 - 14.45	[S2.1] <i>Life Cycle Analysis of Carbon Dioxide Emission Utilization in Enhanced Oil Recovery (EOR) Activity</i> / Hidayatno, Akhmad; Moeis, Armand; Fadin, Achmad Universitas Indonesia, ID.
	[S2.2] <i>Implementation of Life Cycle Costing for a University Building</i> Kaming, Peter Universitas Atmajaya Yogyakarta, ID.
	[S2.3] <i>Life Cycle Assessment on Production Chain of Barbeque Gurami Through Good Handling Practices</i> Kuncoro, Gilar; Suwondo, Endy; Supartono, Wahyu Gadjah Mada University, ID.
14.45 - 15.00	Coffee Break
Session 3: Water Footprint Chair: Melanie Cornelia (Universitas Pelita Harapan, ID)	
15.00 - 16.00	[S3.1] <i>Calculation Experiences of Carbon Footprint, Water Footprint and Environmental Footprints for Products</i> / Chen, Jahau Lewis ; Lu, Jong-Han; Huang, Shih-Chieh National Cheng Kung University, TW.
	[S3.2] <i>A Framework to Measure Water and Energy Footprint at Demand Side: Surabaya Case Study</i> / Anityasari, Maria ; Sholihah, Mar'atus; Maftuhah, Diesta Institute of Technology Sepuluh November, ID.
	[S3.3] <i>A Preliminary Water Footprint Assessment of Bioethanol Production from Oil Palm Empty Fruit Bunch in Indonesia</i> / Burhani, Dian ; Waluyo, Joko Research Center for Chemistry, LIPI, ID.

DAY 2

Kamis, 3 November 2016	
Time	Activity
09.30 - 10.15	Plenary Session, Keynote 4 MYC Multipurpose Room
	<i>Introducing life cycle perspectives in technology development</i>
	Assoc. Prof. Yasuhiro Fukushima Tohoku University, Japan
10.15 - 11.00	Plenary Session, Keynote 5 MYC Multipurpose Room
	<i>Life Cycle Assessment Challenges in Palm Oil Production Systems</i>
	Dr. Heinz Stichnothe Thünen Institute of Agricultural Technology, Germany
11.00 - 11.15	Coffee Break
11.15 - 12.55	Session 4: Sustainability in Organization, Green Investment and Industrial Ecology Chair: Dr. Eric Jobiliong (Universitas Pelita Harapan, ID) Room: MYC Multipurpose Room
	[S4.1] <i>Green Investment in Asian Cities: Case of China, Indonesia and Japan</i> / Jupesta, Joni ¹ ; Wakiyama, Takako ² 1.) The United Nations University Institute for the Advanced Study of Sustainability (UNU-IAS), JP; 2.) Institute for Global Environmental Strategies, JP.
	[S4.2] <i>Assessment of Land Footprint of Indonesian Middle Class Households</i> / Useng, Daniel ^{1, 2} ; Atmansyah, Lutfi ¹ ; Sangkala ¹ 1.) Center for Policy and Management Research and Development (P3KM)-LP2M Hasanuddin University, ID; 2.) Hasanuddin University, ID.
	[S4.3] <i>Research and Education for Sustaining Resource and Environment: A Case of Department of Agroindustrial Technology, Bogor Agricultural University Indonesia</i> Tajuddin, Bantacut ; Suprihatin; Romli Muhammad, Bogor Agricultural University, ID.
	[S4.4] <i>Evaluation of Organizational Commitment for Sustainable Development Programs at Indonesia Business Council for Sustainable Development</i> Nusantara, Adiputra ¹ ; Hanafi, Jessica ¹ ; Laurence ¹ ; Budiani, Indah ² 1.) Universitas Pelita Harapan, ID; 2.) Indonesian Business Council for Sustainable Development, ID.
[S4.5] <i>Life Cycle Assessment of Cricket Production in Thailand</i> / Halloran, Afton ; Hanboonsong, Yupa; Roos, Nanna; Bruun, Sander University of Copenhagen, DK.	
12.55 - 14.00	Prayer and Lunch Break
14.00 - 15.40	Session 5: Agriculture [2] Dr. Kiman Siregar (Syiah Kuala University, ID) Room: MYC Multipurpose Room
	[S5.1] <i>How do we establish methods to assess the impact of agricultural production on soil functions in LCA?</i> Eady, Sandra ¹ ; Bessou, Cecile ² ; Sala, Serenella ³ ; Grant, Tim 1.) CSIRO Agriculture, AU; 2.) CIRAD, FR; 3.) European Commission, Joint Research Centre, IT; 4.) Life
	[S5.2] <i>Life cycle assessment of wastewater treatments in second generation bioethanol</i> / Sari, Ajeng Arum ; Waluyo, Joko; Wiloso, Edi Iswanto Research Center for Chemistry, LIPI, ID.
	[S5.3] <i>Life Cycle Assessment (LCA) for Agroindustrial Supply Chain of Pandanwangi Rice</i> / Arkeman, Yandra ; Agatha, Regia Meiranthi; Suprihatin Bogor Agricultural University, ID.
	Session 6: Green and Lean Manufacturing Chair: Dr. Nuki Utama (Baryon HP, ID) Room: MYC VIP Meeting Room
[S6.1] <i>Using LCA Approach as A Decision Supporting Tool: Comparative Case Study between Injection Moulding Machines in Processing Polypropylene</i> Saputra, Sharah ; Hanafi, Jessica Universitas Pelita Harapan, ID.	
[S6.2] <i>Measurement of Production Process Performance of High Five Product at PT. Matahari Leisure Using Lean and Green Manufacturing Approach</i> J, Hendro Putra ; Kristina, Helena Juliana Universitas Pelita Harapan, ID.	
[S6.3] <i>Performance Measurement of Stick Coil's Production Line by Using Lean and Green Manufacturing Approach at PT X</i> Azianto, Farid; Kristiana, Helena Juliana; Christiani, Agustina. Universitas Pelita Harapan, ID.	
[S6.4] <i>Identification and Measurement of Waste By Using Lean and Green Manufacturing Approach on Downlight Line Production at PT. Wingslite Sejahtera</i> Narda, Livia ; Kristina, Helena Juliana. Universitas Pelita Harapan, ID.	
[S6.5] <i>Measurement of Performance on Lamp Housing TKO 2x36w Line Production at PT. Wingslite Sejahtera by Using the Concept of Lean & Green Manufacturing Approach</i> Octavia, Caesara ; Kristina, Helena Juliana. Universitas Pelita Harapan, ID.	
15.40 - 16.00	Networking Drinks and Closing