



Scientific Program - Oral Sessions

MONDAY MORNING

27.8.07	Room 24-G-45	Room 15-G-40	Room 15-G-60	Room 03-G85
08:10	Registration and Plenary Session 8:10 Welcome Speech H.P. Fahrni (Swiss Federal Office for the Environment): Life Cycle Assessment as Rational Basis for Environmental Policy 8:40 Keynote Lecture G. Rebitzer (Alcan): Making Sustainability Operational - Integrating Life Cycle Thinking into the Business Processes of a Multinational Company 9:25 S. Hellweg (ETH Zürich): LCM2007 – Facts, Figures and Challenges			
09:50	Coffee Break and Poster Session			
	Management Challenges 1 (Pesonen, Brent)	Biomaterials 1 (Patel, Grant)	Eco-efficiency (Huppés, Köllner)	Process Development (Hirao, Köhler)
10:20	A capability model for life cycle management (Mo 1.01), T. Swarr et al., United Technologies Corp., Hartford, United States of America	Life cycle management in bioplastics production (Mo 2.01), F. Degli Innocenti, NOVAMONT, Novara, Italy	Sustainability in tourism destinations: Expanding the boundaries of eco-efficiency as an LCM approach (Mo 3.01), J. Holleran, Tourism and Hospitality Institute for Sustainable Development, Lausanne, Switzerland	Integrated assessment of biomass-to-energy process systems combining thermodynamic techniques and LCA (Mo 4.01), M. Beermann et al., University of Leoben, Leoben, Austria
10:40	Decision support for life cycle management of energy supply networks (Mo 1.02), J. Petrie et al., University of Sydney, Sydney, Australia	Development of a generic bioprocess flowsheet model for life cycle studies (Mo 2.02), K. Harding et al., Bioprocess Engineering Research Unit, Rondebosch, South Africa	Identification of environmental impact patterns of industrial sectors (Mo 3.02), S. Wursthorn, et al., Forschungszentrum Karlsruhe, Eggenstein-Leopoldshafen, Germany	Process development for a sustainable biorefinery (Mo 4.02), C. Alles et al., DuPont Engineering Research and Technology, Wilmington, United States of America
11:00	Environmental performance in the leather supply-chain: The role of inter-organizational networks (Mo 1.03), D. Mascia et al., Catholic University, Rome, Italy	LCA as a decision making tool for the production of renewably sourced 1,3 propanediol (Mo 2.03), S. Veith et al., DuPont, Wilmington, United States of America	Development of a life cycle management methodology using life cycle cost benefit analysis for electric and electronic products (Mo 3.03), H. Yamaguchi et al., National Institute of Advanced Industrial Science and Technology, Tsukuba, Japan	Simultaneous process optimization on economic, energetic and environmental criteria (Mo 4.03), F. VINCE et al., Veolia Environnement Research & Development, Paris, France
11:20	Characterization of nodes in a life cycle network (Mo 1.04), N. Espinoza-Orias et al., University of Manchester, Manchester, UK	Reducing the environmental footprint of NatureWorks® Polylactide (PLA) polymers (Mo 2.04), E. Vink, NatureWorks LLC, Naarden, Netherlands	Evaluation of eco-efficiency of iron and steel industries in Nepal (Mo 3.04), G. Kharel, Ministry of Industry, Commerce and Supplies, Kathmandu, Nepal	Decision-making framework for chemical process design including different stages of environmental, health and safety (EHS) assessment (Mo 4.04), H. Sugiyama et al., ETH Zurich, Zurich, Switzerland
11:40	Developing sustainable future markets for renewables: Tools for stakeholder and consumer integration (Mo 1.05), J. von Geibler, Wuppertal Institute, Wuppertal, Germany	LCA of biodegradable multilayer film from biopolymers (Mo 2.05), D. Garrain et al., University Jaume I, Castellon, Spain	Eco-efficiency for sustainability decision support. The unavoidably normative basis of environmental management (Mo 3.05), G. Huppés et al., CML-IE, Leiden, Netherlands	A holistic product lifecycle management framework facing the challenges of 21st century (Mo 4.05), J. Golovatchev et al., Detecon International GmbH, Bonn, Germany
12:00	Lunch and Poster Session			

MONDAY AFTERNOON I

27.8.07	Room 24-G-45	Room 15-G-40	Room 15-G-60	Room 03-G85
	Management Challenges 2 (Pesonen, Brent)	Biomaterials 2 (Patel, Grant)	Social Responsibility (Hunkeler, Binder)	Promoting Life Cycle Thinking 1 (Fava, Valdivia)
13:30	Technology life cycle management: Challenges to manage the research and development process (Mo 1.06), A. Brent, CSIR and University of Pretoria, Pretoria, South Africa	A life cycle assessment (LCA) and eco-efficiency analysis of one-way versus reusable drinking cups (Mo 2.06), A. Vercauteren et al., VITO - Flemish Institute for Technological Research, Mol, Belgium	Life-cycle based sustainability assessment as part of LCM (Mo 3.06), W. Kloeppfer, LCA Consult & Review, Frankfurt/M., Germany	Strategy for the second phase (2006-2010) of the UNEP/SETAC Life Cycle Initiative – Bringing science-based life cycle approaches into practice (Mo4.06) Fava et al,
13:50	Integrating environmental aspects in product development according to the diffusion theory (Mo 1.07), G. Caduff et al., Tensor Consulting AG, Bern, Switzerland	LCA on a bus body component based on biomaterials (Mo 2.07), M. Schmehl et al., University Kassel - Center for Environmental Systems Research	Social LCA – Analogies and differences to environmental LCA (Mo 3.07), L. Barthel et al., Universität Stuttgart, L.-Echterdingen, Germany	Life cycle thinking and the European platform on life cycle assessment: Meeting business and government needs (Mo 4.07), C. Allen et al., DG ENV
14:10	The role and value of information and ICT for product end-of-life management (Mo 1.08), V. Blass et al., Donald Bren School of Environmental Science & Management, UCSB, Santa Barbara, United States of America	Lightweight boards – A resource and greenhouse gas saving innovation in the wood industry? (Mo 2.08), W. Poganietz et al., Forschungszentrum Karlsruhe, ITC-ZTS, Karlsruhe, Germany	Developing a methodology for social life cycle assessment: the North American tomato's CSR case (M0 3.08), C. Benoît et al., University of Quebec at Montreal, Montreal, Canada	Assessing the reduction of environmental impact by introducing the environmental regulations based on the integrated product policy (IPP) (Mo 4.08), Lee, Sang-Yong, National Institute of Advanced Industrial Science and Technology (AIST), Tsukuba, Japan
14:30	Simplified methods and tools for industry (Mo 1.09), J. Rühl et al., TH-Karlsruhe, Karlsruhe, Germany	Applying Distance-to-Target weighing methodology to evaluate the environmental performance of bio-based products (Mo 2.09), M. Weiss et al., Utrecht University, Copernicus Institute, Utrecht, The Netherlands	Social impacts of the production of notebook PCs (Mo 3.09), A. Manhart et al., Öko-Institut e.V., Freiburg, Germany	Summary of the progress of the project “Initiative to implement a center of excellence in life cycle assessment” (Mo 4.09), M. Bernardes, Centro Federal de Educação Tecnológica de Minas Gerais, Belo Horizonte, Brazil
14:50	Total life cycle management – an integrated approach towards sustainability (Mo 1.10), C. Herrmann et al., Department Product and Life Cycle Management, Braunschweig, Germany	Technological options and social cost considerations of woody biomass conversion (Tu 2.10), H. Khoo et al., Institute of Chemical and Engineering Sciences (ICES), Singapore, Singapore	Sustainability SWOTs – New method for summarizing product sustainability information for business decision making (Mo 3.10), H. Pesonen, University of Jyväskylä, Jyväskylä, Finland	A UNEP/SETAC LCM business guide (Mo 4.10), A. Jensen et al., Astrup FORCE Technology, Broendby, Denmark
15.10	Coffee Break and Poster Session			

MONDAY AFTERNOON II

27.8.07	Room 24-G-45	Room 15-G-40	Room 15-G-60	Room 03-G85
	Services: Transport, banking/ financing and other services (Jolliet, Schmidt)	Chemicals and Pharmaceuticals (Hungerbühler, Fritz)	Electronics (Jenssen, Hischer)	Promoting Life Cycle Thinking 2 (Fava, Valdivia)
15:40	ENVIMPACT A new quantitative rating methodology using LCA, LCI and EIO-LCA for green investments (Mo 1.11), Y. Maillard Ardent, Centre Info SA, Fribourg, Switzerland	Life cycle based methods facilitating integration of sustainability in chemical process design (Mo 2.11), T. Lighthart et al., TNO Environment & Geosciences, Apeldoorn, Netherlands	The role of LCA in evaluating environmental performance in telecommunications (Mo 3.11), J. Malmodin, Stockholm, Sweden	Development of spatial differentiation in LCIA (Mo 4.11), D. Maia de Souza et al., Universidade Federal de Santa Catarina (UFSC), Florianópolis, Brazil
16:00	Environmental effects of service activities – change of priorities in EMS work? (Mo 1.12), I. Saur Modahl et al., STØ, Fredrikstad, Norway	Inventory estimation for the LCA of chemicals (Mo 2.12), G. Wernet et al., ETH Zurich, Zurich, Switzerland	Conclusions of SEES project - sustainable electrical & electronic system for the automotive sector (Mo 3.12), J. Rodrigo et al., SIMPPLE – URV, Tarragona, Spain	Modular methodologies (Mo 4.12), M. Goedkoop, PRÉ Consultants, Amersfoort, Netherlands
16:20	POSTER SPOTLIGHT 1. Integrating sustainability issues into property rating and valuation (PMON06), T. Lützkendorf, Universität Karlsruhe (TH), Germany 2. Environmental impacts of innovative ICT services including indirect and rebound effects (PMON07), Y. Loerincik, Ecointsys - Life Cycle Systems, Lausanne, Switzerland 3. Local climate action: counting challenges (PMON08), H. Larsen NTNU, Trondheim, Norway 4. Evaluation of eco-efficient car life cycles during a five car models sequence in 35 years (PMON09), J. Maruschke, BMW Group, Unterschleissheim, Germany	EHS & LCA comparison of biocatalytic and chemical pharmaceutical synthesis: 7-ACA (Mo 2.13), R. Henderson et al., K GlaxoSmithKline, Ware, UK	Comparative LCA of newspaper and epaper in Quebec (Mo 3.13), J. Trudel, CIRAIQ - Polytechnique Montreal, Montreal, Canada	E-Learning resources on life cycle thinking and sustainability: steeluniversity.org (Mo 4.13), J. Pflieger, University of Stuttgart, Stuttgart, Germany
16:40	Well-to-wheel analysis of solar produced hydrogen for future passenger car transport systems (Mo 1.13), A. Meier et al., Paul Scherrer Institut (PSI), Villigen PSI, Switzerland	Ammonia production via a 2-step Al₂O₃/AIN thermochemical cycle (Mo 2.14), M. Galvez et al., ETH-Zurich, Zurich, Switzerland	Ex-ante environmental and economic evaluation of organic photovoltaics (Mo 3.14), L. Roes et al., Utrecht University, Copernicus Institute, Utrecht, Netherlands	Environmental sound technology information system for the life cycle initiative (Mo 4.14), C. Ugaya et al., Universidade Tecnológica Federal do Paraná, Curitiba, Brazil
17:00	Tool for environmental optimisation of operational traffic (Mo 1.14), M. Tuchschnid et al., ESU-services, Uster, Switzerland			Task sharing in B2B EPD setup including international aspects (Mo 4.15), U. Jeske et al., Forschungszentrum Karlsruhe, Eggenstein-Leopoldshafen, Germany
17.20 h	Keynote Lecture W. Bosmans (European Commission, DG Environment): The EU Thematic Strategy on the sustainable use of natural resources			
19.00 h	City Tour			

TUESDAY MORNING

28.8.07	Room 24-G-45	Room 15-G-40	Room 15-G-60	Room 03-G85
	Design for Environment 1 (Swarr, Scharnhorst)	Energy Efficiency/Generation 1 (de Beaufort, Frischknecht)	Agriculture and Food 1: Fish, Meat, Crops (Gaillard, Feijoo)	Scenario Analysis 1 (Margni, Lang)
08:10	Environmental benefits of life cycle design of concrete bridges (Tu 1.01), Z. Lounis, National Research Council Canada, Ottawa, Canada	Comparative environmental assessment of current and future electricity supply technologies for Switzerland (Tu 2.01), C. Bauer et al., PSI, Switzerland	Life-cycle assessment of salmon fisheries and aquaculture in the northeast pacific (Tu 3.01), A. Scholz et al., Ecotrust, Portland, United States of America	Ecopublicité: a tool to integrate life cycle thinking in media mix selection (Tu 4.01), P. Osset et al., Ecobilan – PricewaterhouseCoopers, Neuilly sur Seine, France
08:30	Sustainable life cycle design: Method and cases (Tu 1.02), J. Harmsen, Shell Global Solutions and Rijks Universiteit Groningen, Netherlands	Improving the forecasting accuracy of future energy systems' LCA using time and scenario dependent modifications to background LCI data (Tu 2.02), R. Frischknecht et al., ESU-services, Uster, Switzerland	Are there environmental benefits from producing meat using European grain legumes? (Tu 3.02), D. U. Baumgartner, Agroscope Reckenholz-Tänikon Research Station ART, Zurich, Switzerland	Expanding the assessment of resources in LCA (Tu 4.02), B. Weidema, 2-0 LCA consultants, Copenhagen K., Denmark
08:50	Design of a new seating solution platform for HAG – have the designers used what they have learnt? (Tu 1.03), I. Modahl et al., STØ, Fredrikstad, Norway	Risk measures in monetary valuation of LCA results (Tu 2.03), M. Sevenster, CE Delft, Delft, Netherlands	Experiences and improvement possibilities - LCA case study of Finnish broiler production (Tu 3.03), J. Katajajuuri, MTT Agrifood Research Finland, Jokioinen, Finland	Scale up effects within prospective life cycle assessment (Tu 4.03), M. Caduff-Kinkel et al., Empa, Dübendorf, Switzerland
09:10	Life cycle assessment to eco-design food products: study on industrial cooked dish (Tu 1.04), J. Zufia et al., AZTI-Tecnalia, Sukarrieta, Spain	Update of LCA background data using the approach of parametrized LCA. Exemplified for the Germany hard coal supply chain (Tu 2.04), O. Mayer-Spohn et al., University of Stuttgart, Germany	Environmental impact assessment of Portugal dairy sector (Tu 3.04), E. Castanheira et al., Geraldês Escola Superior Agrária de Coimbra, Coimbra, Portugal	Consequential environmental assessment including socio-technical change (Tu 4.04), K. Jonasson, Chalmers University of Technology, Göteborg, Sweden
09:30	Comparison of Life Cycle Assessment for low, medium and high medium voltage products (Tu 1.05), W. Daoud, Ecole Nationale des Arts et Métiers and ARVEA, Montpellier, France	Energy decisions for the future--Not just [KJ out/KJ in] (Tu 2.05), L. Laurin, EarthShift, Eliot, United States of America	Life cycle assessment of energy crops from the perspective of a multi-functional agriculture (Tu 3.05), R. Freiermuth Knuchel et al., Forschungsanstalt Agroscope Reckenholz-Tänikon ART, Zürich, Switzerland	All biomass is local: Using life cycle analysis to better understand the sustainability of biofuels (Tu 4.05), B. Dale et al., Michigan State University, East Lansing, United States of America
09:50	Coffee Break and Poster Session			
	Design for Environment 2 (Swarr, Scharnhorst)	Energy Efficiency/Generation 2: Energy from Biomass (Frischknecht, de Beaufort)	Agriculture and Food 2: Methods (Feijoo, Gaillard)	Scenario Analysis 2 (Margni, Lang)
10:20	Challenges of data transfer between CAD- and LCA software tools (Tu 1.06), N. Marosky et al., Technical University Berlin, Berlin, Germany	Life cycle inventory modelling of biofuels for theecoinvent database (Tu 2.06), N. Jungbluth et al., ESU-services Ltd., Uster, Switzerland	PestScreen: Screening, scoring and ranking pesticides by life-cycle impact assessment approach (Tu 3.06), R. Juraske et al., Universitat Rovira i Virgili, Tarragona, Spain	A harmonious balance between use and conservation of natural resources: Future policy for mangrove in Thailand (Tu 4.06), Y. Moriizumi et al., Keio University, Tokyo, Japan
10:40	A Generic Framework for lifecycle applications (Tu 1.07), K. Melk et al., Technische Universität Darmstadt, Darmstadt, Germany	LCA of biofuels in Switzerland: Environmental impacts and improvement potential (Tu2.07), R. Zah et al., Empa, St. Gallen, Switzerland	Management intensity, crop yield, and environmental impacts: Integration of agronomic and environmental performances (Tu 3.07), K. Hayashi et al., National Agriculture and Food Research Organization, Japan	The future of mineralic secondary products from construction waste (Tu 4.07), A. Spörri et al., ETH Zurich, Zurich, Switzerland
11:00	Implementation of a POEMS model in the wood furniture sector (Tu 1.08), R. Luciani et al., ENEA, Italy	Thermoeconomical analysis of electricity production via SOFC with integrated allo-thermal biomass gasification process (Tu 2.08), J. Buchgeister et al., Forschungszentrum Karlsruhe, Germany	LCM in agriculture: Farm LCA as basis for an efficient environmental management (Tu 3.08), G. Gaillard et al., Forschungsanstalt Agroscope Reckenholz-Tänikon ART, Zürich, Switzerland	Application of LCI and LCM methods as useful tools for MSW management scenario analysis under uncertainty (Tu 4.08), B. Bieda, AGH-University of Science and Technology, Krakow, Poland
11:20	Environmental tradeoffs of the EuP directive and product policy (Tu 1.09), P. Garrett, Environmental Resources Management, Oxford, UK	LCA as an accompanying and decision tool in production of biodiesel from waste edible oils: an industrial perspective. (Tu 2.09), C. Querleu, VEOLIA Environnement, PARIS, France	Consideration of food losses in life cycle approach of food supply chain (Tu 3.09), F. Schneider, BOKU-University of Natural Resources and Applied Life Sciences Vienna, Vienna, Austria	Using a life cycle assessment methodology for the analysis of two treatment systems of food processing industry wastewaters (Tu 4.09), L. Maya Altamira et al., Technical University of Denmark, Lyngby, Denmark
11:40		Life cycle greenhouse gas emissions from palm oil biodiesel production and use in Thailand (Tu 2.10), S. Gheewala et al., The Joint Graduate School of Energy and Environment, Bangkok, Thailand	Ecoprom: Ecodesign of membranes (Tu 3.10), P. Osset et al., Ecobilan – PricewaterhouseCoopers, Neuilly sur Seine, France	
12:00	Lunch and Poster Session			

TUESDAY AFTERNOON

28.8.07	Room 24-G-45	Room 15-G-40	Room 15-G-60	Room 03-G85
	Industrial Ecology 1: From Systems Knowledge to Action Knowledge (Binder, Tillmann)	Environmental Communication 1 (Rubik, Schenk)	Sustainable Consumption and Consumer Products (Pant, Kundht)	Sustainable Settlements (Schalcher, Lalive)
13:30	From material flow analysis to material flow management: What can social science contribute? (Tu 1.10), C. Binder, University of Zurich, Zurich Switzerland	Eco-labelling and consumers – Towards a re-focus and integrated approaches – (Tu 2.11), F. Rubik et al., Institute for Ecological Economy Research – IÖW, Heidelberg, Germany	(Un-)sustainability developments of product systems (1800-2000): Lessons learnt about transport and heating in Belgium (Tu 3.11), C. Spirinckx et al., VITO - Flemish Institute for Technological Research, Mol, Belgium	Verdal – achieving a sustainable community through collaboration and innovation (Tu 4.10), C. Haskins, Norwegian University of Science and Technology, Nesttun, Norway
13:50	Dynamic material flow analysis of copper and its alloys in Japan (Tu 1.11), I. Daigo et al., Graduate School of Engineering, University of Tokyo	Marketing eco-labels: The example of the Blue Angel (Tu 2.12), H. Gaus, Chemnitz University of Technology, Chemnitz, Germany	Tracking environmental impacts of consumption: an economic-ecological model linking OECD and developing countries (Tu 3.12), D. Friot et al., University of Geneva, Genève 4, Switzerland	The Implementation of biogas-technology in a developing country as a grass-roots initiative (Tu 4.11), M. Lebofa et al., Technologies for Economic Development, Maseru 100, Lesotho
14:10	Hybrid (waste IO) approach to metal ecology with application to the introduction of lead-free solders (Tu 1.12), S. Nakamura et al., Waseda University, Tokyo, Japan	Environmental communications with LCA information: an exploratory study within the building industry (Tu 2.13), S. Molina et al., University of Minnesota, Saint Paul, United States of America	Environmental and economic implications of the Japanese trading behind household consumption (Tu 3.13), K. Nansai et al., National Institute for Environmental Studies, Tsukuba, Japan	Development of a model for resource management of mineral materials by the example of the city of Zurich (Tu 4.12), M. Schneider et al., Wertstoff-Börse GmbH, Schlieren, Switzerland
14:30	A regional industrial symbiosis methodology and its implementation in Geneva, Switzerland (Tu 1.13), G. Massard et al., University of Lausanne, Lausanne, Switzerland	A new environmental label: - Input from industries (Tu 2.14), P. Masoni et al., ENEA, Bologna, Italy	An integrated model for evaluating environmental impact of heterogeneous consumer behavior (Tu 3.14), Y. Kondo et al., Waseda University, Tokyo, Japan	Sustainable city of Zurich - on the way to the 2000-watt society (Tu 4.13), Lalive, Annick Fachstelle nachhaltiges Bauen, Amt für Hochbauten der Stadt Zürich, Zürich, Switzerland
14:50	Assessing Corporate carbon exposure from a LCA perspective (Tu 1.14), V. Hoffmann et al., ETH Zürich, Zürich, Switzerland	EPD in building assessment (Tu 2.15), E. Schmincke, Five Winds International, Tuebingen, Germany		
15:10	Coffee Break and Poster Session			
	Industrial Ecology 2 (Binder, Tillmann)	Environmental Communication 2 (Rubik, Schenk)	Sustainable Consumption and Conssr Prod. 2 (Pant, Kundht)	Life Cycle of metal products (Althaus, Buxmann)
15:40	Clif Bar & Co.'s footprint analysis of company value chain sustainability performance (Tu 1.15), C. Juniper et al., Natural Capitalism Solutions Inc., Eldorado Springs, United States of America	The use of duty, virtue and utilitarian ethics in environmental communication (Tu 2.16), M. Mosgaard et al., Aalborg University, Aalborg, Denmark	Life cycle assessment combined with exergetic analysis in cane sugar production analysis (Tu 3.15), A. Contreras et al., Central University of Santa Clara, Santa Clara, Cuba	Aluminium mass flow analysis and CO2 equivalent model of the European Union (Tu 4.14), K. Martchek et al., Alcoa Europe, Brussels, Belgium
16:00	Integrated life cycle based tool for strategic environmental management (Tu 1.16), M. Margni et al., CIRAI, Ecole Polytechnique de Montréal, Montréal, Canada	Company-related or product-related environmental communication? (Tu 2.17), E. Rex, Chalmers University of Technology, Göteborg, Sweden	LCA comparative analysis of different technologies for surface functionalisation (Tu 3.16), G. Benveniste et al., Clean NT Lab (Environment Park) & Life Cycle Engineering, Torino, Italy	Linking life cycle assessment and material flow analysis for describing the life cycle benefit of materials (Tu 4.15), R. Ilg et al., University of Stuttgart, Echterdingen, Germany
16:20	Life cycle assessment of a company: e-tool to quantify the environmental performances (Tu 1.17), Y. Loerincik et al., Ecoincesys - Life Cycle Systems, Lausanne, Switzerland	Premises for product related environmental information management (Tu 2.18), J. Erlandsson et al., Chalmers University of Technology, Göteborg, Sweden		The impact of material choice in vehicle design on life cycle greenhouse gas emissions (Tu 4.16), R. Geyer, University of California, Santa Barbara, USA
16:40	Procurement of operating-room textiles in German hospitals as part of Industrial Ecology (Tu 1.18), E. Guenther et al., Technische Universitaet Dresden, Dresden, Germany	Environmental standards and certification – Case study of the wine industry (Tu 2.19), V. Blass et al., UCSB, Santa Barbara, USA		Life cycle inventories of gold from artisanal and small-scale mining activities in Peru (Tu 4.17), S. Valdivia, Pontificia Universidad Catolica del Peru, Lima, Peru
17:00	Keynote Lecture Jürg Gerber (World Business Council for Sustainable Development): From Life Cycle Thinking to a Sustainable Value Chain			
19:00	Conference Dinner and Lake Cruise			

WEDNESDAY MORNING

29.8.07	Room 24-G-45	Room 15-G-40	Room 15-G-60	Room 03-G85
	LCM in Emerging Countries 1 (Da Silva, Quiros)	Waste Management 1 (Finnveden, Nakamura, Hofstetter)	Construction 1: Material Flows and Building Stocks (Jeske)	Simplified Methods 1 (Christiansen, Dewulf)
08:10	Dissemination of LCA approaches in transition countries of South-East Europe (Wed 1.01), S. Glisovic et al., University of Nis, Nis, Yugoslavia	Ecological and economical optima of material recycling (Wed 2.01), G. Doka, Doka Life Cycle Assessments, Zurich, Switzerland	Agent based modeling (ABM) for analyzing demand for recycled mineral construction material (Wed 3.01), C. Knöri et al., Empa, Dübendorf, Switzerland	Life cycle management as a tool for managing corporate risks (Wed 4.01), S. Suh et al., University of Minnesota, Saint Paul, United States of America
08:30	LCA in Brazil - from cradle to CILCA 2007 (Wed 1.02), G. da Silva et al., USP, São Paulo, Brazil	Case studies for LCA application in waste management and recycling (Wed 2.02), P. Masoni et al., ENEA, Bologna, Italy	The uptake of life cycle approaches in the building industry in New Zealand, illustrated on the example of the gypsumboard industry (Wed 3.02), B. Nebel et al., Scion, Rotorua, New Zealand	Getting noticed and providing context – the power of ecological footprints to open doors for LCA (Wed 4.02), T. Grant, Centre for Design at RMIT, Richmond, Australia
08:50	Environmental communication for life cycle management of goods and services in Africa (Wed 1.03), W. Okaka, Kyambogo University, Kampala, Uganda	Battery waste management LCA (Wed 2.03), K. Fisher et al., ERM, Manchester, UK	Identifying environmental improvement potentials of residential buildings (Wed 3.03), B. Wittstock et al., Universität Stuttgart, Echterdingen, Germany	Communication impact assessment results to different stakeholders (Wed 4.03), M. Goedkoop et al., PRÉ Consultants, Amersfoort, Netherlands
09:10	Capacity building for a national Brazilian LCI database: highlights & experiences from a Swiss-Brazilian collaboration (Wed 1.04), C. Ugaya et al., Universidade Tecnológica Federal do Paraná, Curitiba, Brazil	Efficient glass and metal waste management system in Finland, conceptual study (Wed 2.04), S. Vares et al., VTT, Espoo, Finland	Social housing: the absence of LCC (Wed 3.04), F. Rodrigues et al., University of Aveiro, Portugal Civil Engineering Department	Increasing the use and accessibility of LCA in Unilever (Wed 4.04), G. Rigarlfsford, Unilever, Bedford, UK
09:30	Development of a life cycle impact assessment method for Brazil (Wed 1.05), D. Maia de Souza et al., Universidade Federal de Santa Catarina (UFSC), Florianópolis, Brazil	Zinc extraction from polluted soils by using zeolite and vicia sativa plant (Wed 2.05), S. Masu et al., National R & D Institute for Industrial Ecology – ECOIND, Timisoara, Romania	Ecological assessment of selected alternative sanitation concepts with life cycle assessment (Wed 3.05), Remy, Christian Technische Universität Berlin, Berlin, Germany	Simplified LCA: Slimline LCA for use at the Swiss retailer Coop - LCA reduced to the max' (Wed 4.05), A. Braunschweig et al., E2 Management Consulting, Zürich, Switzerland
09:50	Coffee Break and Poster Session			
	LCM in Emerging Countries 2 (Da Silva, Quiros)	Waste Management 2 (Finnveden, Nakamura, Hofstetter)	Construction 2: Building design and maintenance (Kreissig)	Simplified Methods 2 (Christiansen, Dewulf)
10:20	National reporting data as a reference for life cycle management - experiences in Germany (Wed 1.06), J. Warsen et al., Forschungszentrum Karlsruhe, Germany	LCA as a decision making tool in household waste management: an industrial perspective (Wed 2.06), L. Toffoletto et al., VEOLIA Environnement, Paris, France	Sustainable building design – efficient life cycle based planning (Wed 3.06), M. Binder et al., PE International, Leinfelden-Echterdingen, Germany	LCA/LCC tool for decision-making in the design phase (Wed 4.06), A. Dimache, GMIT, Galway, Ireland
10:40	Agro-industrial symbiosis and population's living condition improvement in North Nigeria (Wed 1.07), P. Schwab Castella et al., Université de Lausanne, Lausanne, Switzerland	LCA-based decision-support tool for waste management planning – optimal waste management scenarios for the Baltic States (Wed 2.07), H. Moora et al., Estonian Institute for Sustainable Development, SEI-Tallinn	System proof MINERGIE-ECO: User friendly method for the evaluation of building sustainability (Wed 3.07), S. Lenel et al., Intep - Integrale Planung GmbH, Zürich, Switzerland	Life cycle assessment principles in practice: GSK experiences with FLASCTM (Fast Life cycle Assessment of Synthetic Chemistry) (Wed 4.07), C. Jiménez-González et al., GlaxoSmithKline Research Triangle Park, USA
11:00	Soil nitrogen deposition calculation for determining its incidence in terrestrial eutrofization in Mendoza (AR) (Wed 1.08), A. Arena et al., Universidad Tecnológica Nacional, Mendoza, Argentina	A flexible decision support tool to compare the environmental impact of waste co-processing in cement production with other waste treatment options (Wed 2.08), M. Boesch et al., ETH Zurich, CH	The status of EcoDesign in architecture in Thailand (Wed 3.08), D. Tikul et al., King Mongkut 's University of Technology Thonburi, Bangkok, Thailand	A Simplified LCA methodology toward the challenge of sustainable production (Wed 4.08), D. Selmes et al., Heriot-Watt University, Edinburgh, UK
11:20	Material flow nets and green coffee processing in Costa Rica (Wed 1.09), K. Bull, ifu Hamburg, Hamburg, Germany	An investigation into end-of-life management of solid oxide fuel cells (Wed 2.09), E. Wright et al., Rolls-Royce Fuel Cell System Limited, Loughborough, UK	Understanding technical possibilities in organizational practice – housing management in Sweden (Wed 3.09), B. Brunklaus, Chalmers University, Gothenburg, Sweden	A quick LCA modeling method for ecodesign (Wed 4.09), H. Wang et al., College of Architecture and Environment, Sichuan University, Chengdu, China
11:40	Life cycle assessment of chocolate produced in Ghana (Wed 1.10), G. Afrane et al., Koforidua Polytechnic, Koforidua, Ghana	Life cycle assessment of biological nutrient removal wastewater treatment plants (Wed 2.10), J. Foley et al., Advanced Wastewater Management Centre, St Lucia, Australia	How BIM will enhance the interoperability of life cycle management (Wed 3.10), K. Hedges, University of Wyoming, Wyoming, USA	ProdTect automotive – A tool to meet recycling and eco-design requirements using streamlined LCA (Wed 4.10), P. Beigl et al., BOKU-University of Natural Resources and Applied Life Sciences Vienna, Austria
12:00	Lunch and Poster Session			

WEDNESDAY AFTERNOON

Wed 29.8.07	Room 24-G-45	Room 15-G-40	Room 15-G-60	Room 03-G85
	LCM in Emerging Countries 3 (Da Silva, Quiros)	Waste Management 3 (Finnveden, Nakamura, Hofstetter)	Construction 3: Methodology for sustainability assessment of building products (Jeske, Kreissig)	Tools and Databases (Goedkoop, Bauer)
13:30	Application of Life Cycle Assessment in the Zimbabwean Pulp and Paper industry (Wed 1.11) I. Mashoko et al. University of Zimbabwe, Harare, Zimbabwe	Developing an integrated environmental assessment model for Taiwan waste management system (Wed 2.11), C. Chao et al., Graduate National Taiwan University, Taipei	Benchmarks for sustainable building construction (Wed 3.11) M. Zimmermann, EMPA Building Technologies, Duebendorf, Switzerland	New NAMEA-based normalisation reference for Europe year 2000 (Wed 4.11), M. Wesnaes et al., 2-0 LCA consultants, Copenhagen K, Denmark
13:50	Integrating global perspectives in LCM - environmental assessment of water use (Wed 1.12), S. Pfister et al., ETH Zürich, Zürich, Switzerland	Life cycle assessment of solid waste management options of Delhi (Wed 2.12), A. Srivastava et al., Institute of Engineering & Technology, Jhansi, India, New Delhi, India	Solid hardwood flooring in the United States: Inventory and sustainable building implications (Wed 3.12), S. Hubbard et al., University of Wisconsin Madison, Madison, USA	The environmental relevance of capital goods in life cycle assessments of products and services (Wed 4.12), R. Frischknecht et al., ESU-services, ecoinvent Centre, Dübendorf, Uster, Switzerland
14:10	LCA for globalized production chains: data requirements and challenges from a textile case study (Wed 1.13), J. Steinberger et al., University of Lausanne, Lausanne, Switzerland	Lifecycle thinking in optimization of waste treatment system in Beijing (Wed 2.13), Y. Xue et al., The University of Kitakyushu, Kitakyushu, Japan	Life cycle design in building and construction sector (Wed 3.13), A. Campioli et al., Politecnico di Milano, Milano, Italy	Independent information modules - a powerful tool for life cycle management (Wed 4.13), K. Buxmann et al., Alcan, Sierre, Switzerland
14:30	Promoting eco-efficiency for SME's in the African dyeing industry (Wed 1.14), B. Dittrich-Krämer et al., BASF Aktiengesellschaft, Ludwigshafen, Germany	Life cycle assessment of municipal solid waste treatment and disposal in a Brazilian city (Wed 2.14), L. Vilas Boas et al., UNIFEI - Universidade Federal de Itajubá, Itajubá, Brazil	LCA as a tool to identify the advantages of bioclimatic architecture (Wed 3.14), B. Rivela et al., Polytechnic University of Madrid, Madrid, Spain	An emerging open source software for LCAs (Wed 4.14), A. Ciroth et al., GreenDeltaTC GmbH, Berlin, Germany
14:50	Case study for the applicability of a national LCI database in an international context (Wed 1.15), R. Hirschier et al., Empa, St. Gallen, Switzerland	Life cycle assessment of five municipal waste management systems for Catalonia, Spain. (Wed 2.15), L. Güereca et al., Technical University of Catalonia (UPC), Barcelona, Spain	MFA and hybrid-LCA as tools for the estimating of environmental impact from, and comparison of project alternatives in construction projects. (Wed 3.15), R. Bohne et al., NTNU, Trondheim, Norway	KCL-ECO 4.1: Implementation and demonstration of continent specific impact assessment factors (Wed 4.15), K. Behm, KCL, Espoo, Finland
15:10	Coffee Break and Poster Session			
15:40	15:40: Keynote Lecture Ana Quiros (ECOGLOBAL and ALCALA Centre for Life Cycle Assessment in Latin America): Dissemination Strategy for LCM towards a more Sustainable Development for the world"			
	16:25: Farewell			
17:00	UNEP/ SETAC Workshop on the 2 nd phase of the Life Cycle Initiative (room 15-G-40) <ul style="list-style-type: none"> - Key outcomes and deliverables from Phase 1 (Allan A. Jensen) - Call for Projects for Phase 2 - Preliminary results and next steps (Chair of the Review Committee) - Launching the activities of the Work Areas of Phase 2 (members of the Executive Committee of the Initiative) - Last remarks on next steps 			
19:00	Excursion to vineyard			