



2nd International Conference
**SUSTAINABLE CONSUMPTION AND
PRODUCTION:**
how to make it possible
29-30 September, 2011

PROVISIONAL PROGRAM

Institute of Environmental Engineering,
Kaunas University of Technology,
Kaunas, Lithuania

Venue:
Cultural centre of
Kaunas University of Technology,
Laisvės av. 13



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Thursday, 29th September 2011

Plenary day of the conference, which is dedicated to the 20th Anniversary of APINI

PLENARY SESSION "SUSTAINABLE CONSUMPTION AND PRODUCTION: how to make it possible"

Chairperson of the session: prof. dr. Stig HIRSBK (Aalborg University, Denmark)

Secretary of the session: Valdas ARBAČIAUSKAS (APINI, Kaunas University of Technology, Lithuania)

8.45 – 9.30	On-Site Registration	
9.30 – 9.40	Welcome Speech	Prof. Petras BARŠAUSKAS, Rector, Kaunas University of Technology
9.40 – 10.00	Speech of the President	His Excellency the President Dr. Valdas ADAMKUS
10.00 – 10.30	Consumption Approaches to Achieving Sustainable Consumption and Production	Neil COLES, UNEP/Wuppertal Institute
10.30 – 11.00	Reflection on the Development of Product Policy	Prof. Thomas LINDHQVIST, Lund University, Sweden
11.00 – 11.30	Green Procurement as a Driver for Sustainable Product Innovation	Prof. Annik MAGERHOLM FET, Norwegian University of Science and Technology (NTNU)
11.30 – 12.00	Coffee break	
12.00 – 12.20	Analysis of Systems for Sustainability and Decision Making	Dr. Subhas K.SIKDAR, USEPA National Risk Management Research Laboratory, USA
12.20 – 12.40	Overview of National Experiences in Resource Efficiency	Pavel KAZMIERCZYK, European Environment Agency
12.40 – 13.00	ISO 26000 - Global Guidance on Social Responsibility	Kim CHRISTIANSEN, Danish Standards
13.00 – 13.20	Green Industry Concept	Petra SCHWAGER, UNIDO
13.20 – 13.40	Sustainable University	Prof. Peter GLAVIC, University of Maribor, Slovenia
13.40 – 14.00	Sustainable Consumption and Production in Lithuania	Prof. habil. Jurgis K. STANIŠKIS, Institute of Environmental Engineering, Kaunas University of Technology
14.00 – 16.00	Lunch	

PLENARY SESSION "APINI 20"

Chairperson of the session: prof. J.K. Staniškis

16.00 – 19.00	Official Ceremony: Presentations/ Greetings	Prof. J. K. Staniškis, prof. J. Chr. Tjell, prof. H. P. Jensen, prof. Th. Lindhqvist, prof. K. Kriščiūnas, prof. V. Domarkas and others
19.00-23.00 (20.00-21.00)	Reception (Musical Performance)	

Friday, 30th September 2011

9.00 – 14.00	Presentations in the Sessions	<i>The detailed program is bellow</i>
14.00-14.30	Closure of the Conference	Chairpersons of the sessions
14.30 – 16.00	Tasting of Lithuanian Beverages and Food Products	



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SESSIONS OF THE CONFERENCE SCP 2011

Friday, 30th September 2011

1. SESSION

SUSTAINABLE CONSUMPTION & CORPORATE SOCIAL RESPONSIBILITY

1st part: SUSTAINABLE CONSUMPTION

Chairperson of the session: Neil COLES (UNEP/Wuppertal Institute)

Secretary of the session: Inga GURAUSKIENĖ (APINI)

9:00 – 10.30	2050 Sustainable Lifestyles Visioning Workshop	Neil COLES Germany
10.30 – 10.45	Initial Review for Sustainable Consumption and Production - Diagnosis Tool Overcoming Barriers for Cleaner Production	Vladimir DOBES Czech Republic
10.45 – 11.00	Sustainability of Catching-up Growth and Convergence of New Central and Eastern European EU Member States	Prof. Romualdas JUKNYS*, Genovaitė LIOBIKIENĖ, dr. Renata DAGILIŪTĖ Lithuania
11.00 – 11.15	Logistics as a Connection Between Sustainable Consumption and Sustainable Production	Prof. Jonas ČEPINSKIS, Ignas MASTEIKA* Lithuania
11.15 – 12.00	Coffee break	

2nd part: CORPORATE SOCIAL RESPONSIBILITY

Chairperson of the session: Kim CHRISTIANSEN (Danish Standards Foundation, Denmark)

Secretary of the session: Gintė JONKUTĖ (APINI)

12.00 – 12.20	Corporate Sustainability Information and Training in Europe – an Introduction of a Leonardo da Vinci Project	Dr. Rebeka LUKMAN*, Bojana ZIBERNA Slovenia
12.20 – 12.40	Application of Corporate Social Responsibility Approach in Bulgaria to Support Sustainable Tourism Development	Dimitar MATEV, prof. Mariana ASSENOVA* Bulgaria
12.40 – 13.00	Social Return on Investment (SROI): Rate's Possibilities and Need	Dovilė JACIUNSKAITĖ Lithuania
13.00 – 13.20	Social Responsibility as a Tool to Achieve Sustainable Development in SMEs	Gintė JONKUTĖ*, prof. Jurgis K. STANIŠKIS, Dovilė DUKAUSKAITĖ Lithuania
13.20 – 13.40	Sustainable Regional Development in Lithuania: A Critical Review	Prof. Žaneta STASIŠKIENĖ*, dr. Rimantė HOPENIENĖ, Aistė VĒLIŪTĖ, Antanas STAŠKEVIČIUS Lithuania
13.40 – 14.00	Discussions	



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2. SESSION

SUSTAINABLE PRODUCTION AND INNOVATIONS

Chairperson of the session: Prof. T. LINDHQVIST (IEEE, Lund University, Sweden)

Secretary of the session: Milda KNAŠYTĖ (APINI)

9.00-9.10	Welcome speech	Prof. T. LINDHQVIST Sweden
9.10-9.30	Objectives and Results of the SPIN Project	Dr. Daniel de GRAAF, Germany
9.30-9.50	Roadmap for Sustainable Innovation Development and Implementation in SMEs	Laura VASILENKO, Valdas ARBAČIAUSKAS*, prof. Jurgis K. STANIŠKIS, Lithuania
9.50-10.10	Underdog or Bulldog - Introducing Biogas Technologies in Estonia	Antti ROOSE*, Kadri REINSOO, Ahto OJA, Estonia
10.10-10.30	A business model approach to eco-innovation- theoretical considerations	PhD. stud. Liina JOLLER Estonia
10.30-10.50	Tools to Integrate Sustainability in Innovation Processes	Omer Ali RANA*, Abdul Mateen MALIK, Uwe FORTKAMP, Sweden
11.15-12.00	Coffee break	
12.00-12.20	R&D and Eco Innovation: Opportunities for Closer Collaboration between University & Companies for Sustainability	Eva LLERA, Juan ARANDA*, Sabina SCARPELLINI, Miguel MARCO, Spain
12.20-12.40	Application of Dynamic Model for Product Eco-design (DyMPEco) for Environmental Development of Electrical and Electronic Equipment	Dr. Visvaldas VARŽINSKAS, Lithuania
12.40-13.00	Decision-making Support System Based on LCA for Aseptic Packaging Recycling	Milda KNAŠYTĖ*, dr. Visvaldas VARŽINSKAS, prof. Jurgis K. STANIŠKIS, Lithuania
13.00-13.20	Pre-evaluation of eco-efficiency of environmental technologies	Dr. Włodzimierz A.SOKÓŁ, Poland
13.20-14.00	Discussions	



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3. SESSION

ENERGY AND RESOURCE EFFICIENCY

Chairperson of the session: Dr. Subhas K. SIKDAR (Environmental Protection Agency, U.S.A.)

Secretary of the session: dr. Jolanta DVARIONIENĖ (APINI)

9.00 – 9.20	Application of Innovative Technologies in Milk Processing Industry to Improve the Environmental Efficiency	Dr. Jolanta DVARIONIENĖ*, dr. Jolita KRUOPIENĖ Lithuania
9.20 – 9.40	The Costs of Reducing CO₂ Emissions in the Building Sector of Lithuania	Dr. Eglė JARAMINIENĖ*, dr. Darius BIEKŠA, Inga VALUNTIENĖ Lithuania
9.40 – 10.00	Application of Resource Efficiency and Cleaner Production Approach in Bulgaria to Support Sustainable Tourism Development	Zdravko GEORGIEV, prof. Mariana ASSENOVA* Bulgaria
10.00 – 10.20	The Use of Renewable Resources for Sustainability in Construction Sector	Edita MILUTIENĖ*, prof. Jurgis K. STANIŠKIS, Audrys KRUČIUS, Vida AUGULIENĖ and Daumilas ARDICKAS Lithuania
10.20 – 10.40	Drying of Medicinal Plant Raw Material Using Solar Energy	Prof. Algirdas RAILA*, dr. Egidijus ZVICEVIČIUS, dr. Henrikas NOVOŠINSKAS, dr. Aurelija KEMZŪRAITĖ, Aušra ČIPLIENĖ Lithuania
10.40 - 11.00	Value-Based Socio-Economic Models for Wind Power Electricity Generation	Prof. Vidmantas JANKAUSKAS, Paulius RUDZKIS*, Adomas KANOPKA Lithuania
11.00 – 11.20	Use of chemical substances in Lithuanian industry: how sound is it?	Dr. Jolita KRUOPIENĖ*, dr. Jolanta DVARIONIENĖ Lithuania
11.20 – 12.00	Coffee break	
12.00 – 12.20	Odour Prevention at the Enterprises of Biodiesel Production	Kristina MONTRIMAITĖ*, dr. Asta Marytė LAPINSKIENĖ Lithuania
12.20 – 12.40	Examining the Effectiveness of the Disposal Phase of the Waste Management System	Viktorija PODGAISTYTĖ Lithuania
12.40 – 13.00	Life Cycle Assessment of Compact Fluorescent Lamp and Incandescent Lamp: comparative analysis	Jolita BALCIUKEVIČIŪTĖ, Erika ELIJOŠIŪTĖ, prof. Gintaras DENAFAS*, Lithuania
13.00 – 13.20	Geological and Legislation Issues of CO₂ Geological Storage in Lithuania	ŠLIAUPIENĖ Rasa*, ŠLIAUPA Saulius. Lithuania
13.20 – 13.40	Overview of resources and waste management at Belarusian enterprises	Dr. Sjarhei DAROZHKA Belorussia
13.40 – 14.00	Discussions	



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4. SESSION

SUSTAINABILITY MANAGEMENT

Chairperson of the session: Prof. P. GLAVIČ (Maribor University, Slovenia)

Secretary of the session: Loreta KINDERYTĖ (APINI)

9.00 – 9.20	How to Shift 100.000 Products Towards Sustainability – the Haberkorn-Ulmer Case	Maria KALLEITNER-HUBER, Martin SCHWEIGHOFER, Willi SIEBER* (the reserve plenary session speaker), Austria
9.20 – 9.40	Innovative CP networks The Case of the ÖKOPROFIT® Network Promoting Innovative Clean Production Solutions for 20 Years	Mag. Karin TSCHIGGERL*, Petra WOLF, Austria
9.40 – 10.00	Biochemical impact of fodder galega (Galega orientalis Lam.) on agro-ecosystems	Dr. Ligita BALEŽENTIENĖ*, prof. Albinas KUSTA, dr. Arnoldas UŽUPIS Lithuania
10.00 – 10.20	Foresighted urban development	Dr. Dalia BARDAUSKIENĖ*, Mindaugas Pakalnis Lithuania
10.20 – 10.40	The Use of Land Resources in Master Plans of Towns from the Point of View of Sustainable Spatial Development	Dr. Liucijus DRINGELIS*, Evaldas RAMANAUSKAS, Giedrė GUDZINEVIČIŪTĖ Lithuania
10.40 – 11.00	Environmental management of waste based from road construction materials	Dr. Rebeka LUKMAN* Damjan KRAJNC and Damjan KOLETNIK Slovenia
11.00 – 11.20	Green public procurement in Lithuania: volumes and possibilities for environmental impact reduction	Dr. Renata DAGILIŪTĖ*, Kristina ANIKANOVA Lithuania
11.20 – 12.00	Coffee Break	
12.00 – 12.20	Nature friendly approach for future use of Nemunas delta polder systems	Dr. Antanas DUMBRAUSKAS*, dr. Kazimieras KATUTIS Lithuania
12.20 – 12.40	Possibilities of sustainable development at small size recreational ports	Dr. Asta M. LAPINSKIENĖ, Marius ŠILEIKA, Goda ZOBĖLAITĖ - NOREIKIENĖ* Lithuania
12.40 – 13.00	Management systems – support for knowledge driven improvement	Dr. Audrius ŠILEIKA Lithuania
13.00 – 13.20	Sustainability assessment of enterprises in printing industry	Loreta KINDERYTĖ Lithuania
13.20 – 14.00	Discussions	