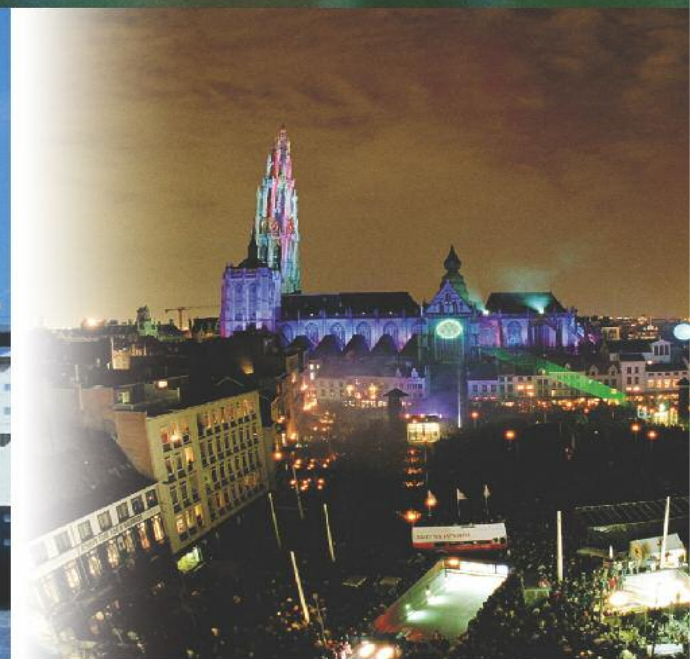


Antwerp Belgium 5-6-7 October 2005

10th **erscp**
European Roundtable on Sustainable Consumption and Production

Programme



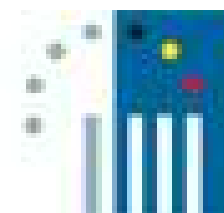
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Background of the 10th erScp

Theme

The European Roundtable on Sustainable Consumption and Production (erScp) is a non-profit forum providing a platform to stimulate, develop and disseminate new initiatives to stimulate the implementation of sustainable consumption and production concepts and approaches within local and regional sustainable development initiatives.

The 10th erScp 2005 is a continuation of the European Roundtable on Cleaner Production (ERCP) series, the first of which was held in Graz in 1994. The following Roundtables have been held in Rotterdam, Kalundborg, Oslo, Lisbon, Budapest, Lund, Cork and last year in Bilbao. Similar Roundtables are organised in the US, Canada and Asia-Pacific region, as well as individual national Roundtables.

Since 2004 the Roundtable's name has been changed from ERCP into European Roundtable on Sustainable Consumption and Production. The inspiration for changing the Roundtable's name originated from the results of the World Summit on Sustainable Development (WSSD) and its follow-up events, where it was decided to start up a Programme on Sustainable Consumption and Production (Chapter III of the Johannesburg Plan of Implementation).

The 10th erScp 2005 will pay special attention to the interaction between sustainable consumption and production as reflected in the theme of the Roundtable.

Format

The three-day Roundtable will offer opportunities for one-to-one as well as group interactions through discussion-based workshops and information exchange sessions, stimulating a creative, innovative and fruitful event. Each of the sessions will address problems and possible solutions to achieve sustainable businesses and societies. The results of the workshops and the presentations of the information exchange sessions will be summarized in a final Roundtable document, which will be made available on the website to all participants, but will also be distributed to European and international organisations, such as the European Commission, the United Nations Environment Programme and others.

Welcome

As organisers of the 10th erScp 2005, VITO and the Province of Antwerp are looking forward to an innovative Roundtable. We welcome all of you to interactively share your experiences and visions to obtain practical results that can be utilised in your daily work, as well as to initiate joint projects and informal networks.

Tuesday, October 4, 2005

18:00	Registration	Entrance Hall
19:00	Welcome Reception	Koning Boudewijn Room

Wednesday, October 5, 2005

8:00 **Registration** Entrance Hall

9:00-10:30 **Opening Session** Auditorium
Welcome by Dirk Fransaer, Managing Director, VITO, Belgium

Speakers:

- Local Initiatives on Sustainable Consumption and Production, *Jos Geuens*, Depute of the Province of Antwerp, Belgium
- National Policy on Sustainable Development, *Els Van Weert*, Federal Secretary of State of Sustainable Development, Belgium
- Federal Research Initiatives on Sustainable Development, *N.N.*, Cabinet of the Federal Minister of Science Policy, Belgium
- Flemish Policy on Sustainable Development, *Tom De Saegher*, Cabinet of the Minister President of the Flemish Region, Belgium

10:30-11:15 **Coffee Break**
Press Meeting Van Vlasselaer Gallery

11:15-12:30 **Opening Session** Auditorium
• Sustainable Consumption and Production in an International Context, *Bas De Leeuw*, United Nations Environment Programme - UNEP, Division of Technology, Industry and Economics
• Review and new EU-program on Sustainable Consumption and Production, *Timo Makela*, European Commission, Directorate General Environment
• NGO's vision on International and EU policy on Sustainable Consumption and Production, *Melissa Shinn*, European Environmental Bureau
• Industry Perspectives on Sustainable Consumption and Production, *Rebekha Young*, World Business Council on Sustainable Development

12:30-14:00 **Walking Lunch** Van Vlasselaer Gallery

14:00-15:30	Implementing Environmental Technology Action Plans at National and Regional Level (IES)	Green Public Procurement (IES)	Policy Design for Sustainable Consumption - Challenges for all Actors (IES)	Corporate Social Responsibility (IES)	Environmental Management Accounting - Reaching out to SMEs (IES)	Changing Consumer Behaviour (IES)
	Room Antwerp	Room Mechelen	Room Turnhout	Room Taxandria	Provincieraadzaal	Room Brabo
	Chair: <i>Axel Verachtert, Ministry of the Environment, Belgium</i>	Chair: <i>Denis Pohl, Federal Department of Environment, Belgium</i>	Chair: <i>Willy Sarlée, Public Waste Agency of Flanders (OVAM), Belgium</i>	Chair: <i>Dirk van Braeckel, Ethibel, Belgium</i>	Chair: <i>Steven Ghysens, Amelior, Belgium</i>	Chair: <i>Noel Duffy, Clean Technology Centre, Cork Institute of Technology, Ireland</i>
	<ul style="list-style-type: none"> • Policy Pathways to promote the development and adoption of Cleaner Technology, <i>Carlos Montalvo, TNO, the Netherlands</i> • New UK Sustainable Development Strategy and SCP Initiatives, <i>Conor Ritchie, Department of Trade and Industry, United Kingdom</i> • Ireland's Cleaner Greener Production Programme - Making Business Lean and Green, <i>Helen Walsh and Colman McCarthy, Clean Technology Centre, Cork Institute of Technology, Ireland</i> • State of the Cleaner Production in the Mediterranean Action Plan Countries, <i>Miquel Rigola, Institute of Environment, Spain</i> • Joint International Efforts on the way from Cleaner Production to Sustainable Development, <i>Yan Tsygankov, Russian-Norwegian Cleaner Production Centre, Norway</i> 	<ul style="list-style-type: none"> • From GPP to Sustainable Public Procurement? <i>Giulia Cipressi, ECVM</i> • The LEAP project: Developing support tools for local authorities to implement sustainable procurement. <i>Alison Lea, Leicester City Council Environmental Department, UK</i> • Green Tick™ Sustainability Certification of Goods and Services. <i>Susan Harris, Green Tick Technologies Limited, New Zealand</i> 	<ul style="list-style-type: none"> • Can we 'save' the environment? <i>Jan Verheyen, Public Waste Agency of Flanders (OVAM), Belgium</i> • The Long Search: looking for longer lasting products. <i>Tim Cooper, Centre for Sustainable Consumption, Sheffield Hallam University, Sheffield, UK</i> • Ensuring effectiveness of information to influence household behaviour, <i>Dries Maes, VITO, Belgium</i> • Development of Benchmarks for Sustainable Consumption, for and with users, <i>Eva Heiskanen, National Consumer Research Centre, Helsinki, Finland</i> • Distinguishing volume from quality in consumer purchases – an application to food and nutrient load impacts, <i>Adriaan Perrels, Government Institute for Economic Research VATT, Finland</i> 	<ul style="list-style-type: none"> • SCP-Social: A Model for the Assessment of Corporate Social Performance, <i>Carla Pasa Comez, UNIVATES Centro Universitário, Universidade Federal de Santa Catarina, Brazil</i> • CSR in International Context, Programme of the Corporate Social Responsibility Netherlands, <i>Jacqueline Cramer, the Netherlands</i> • CSR Masterclass in the chemical Industry, <i>BECO, The Netherlands /Belgium</i> 	<ul style="list-style-type: none"> • IFAC guidance document on EMA, <i>Christine Jasch, Institute for environmental management and economics, IÖW, Austria</i> • Program for the Practice of Sustainability; Making \$ense of Sustainability: Competitive Advantage Strategies for Suppliers. <i>Jack Luskin, University of Massachusetts, United States</i> 	<ul style="list-style-type: none"> • Determinants of the consumer attitude - behaviour gap in sustainable food consumption decisions, <i>Iris Vermeir, Ghent University, Belgium</i> • Analysis of relationship between change of consumers' demand for goods and services and environmental and economic improvement levels required for their producers, <i>Keisuke Nansai, National Institute for Environmental Studies, Japan</i> • Drinking Water and Bread: a Sustainable Study on the Production and Consumption between 1800 and 2000, <i>Veerle Timmermans and Mirja Van Holderbeke, VITO, Belgium</i> • Assessing environmental impacts of consumption patterns: inclusion of trans-boundary concerns, <i>Damien Friot, Swiss Federal Institute of</i>

Technology, Switzerland

- A highly disaggregated local household consumption model for the UK based on socioeconomic factors, *Angela Druckman, Centre for Environmental Strategy, University of Surrey, United Kingdom*
- Delivering Sustainable Consumption in the UK, *John Barrett, Stockholm Environment Institute, Sweden*

15:30-16:00	Coffee Break					Van Vlasselaer Gallery
16:00-18:00	Implementing Environmental Technology Action Plans at National and Regional Level (Workshop)	Green Public Procurement (Workshop)	Policy Design for Sustainable Consumption - Challenges for all Actors (Workshop)	Corporate Social Responsibility (Workshop)	Environmental Management Accounting - Reaching out to SMEs (Workshop)	Local Agenda 21 (Workshop)
	Room Antwerp	Room Mechelen	Room Turnhout	Room Taxandria	Provincieraadzaal	Room Brabo
	Chair: <i>Viera Feckova, Cleaner Production Centre, Slovakia</i> Co-Chair: <i>Axel Verachtert, Ministry of the Environment, Belgium</i>	Chair: <i>Barbara Morton, Sustainable Development Policy, Department of Trade and Industry, UK</i> Co-Chair: <i>Denis Pohl, Federal Department of Environment, Belgium</i>	Chair: <i>Adriaan Perrels, VATT - Government Institute for Economic Research, Finland</i> and <i>Sylvia Lorek, Sustainable Europe Research Institute, Germany</i> Co-chair: <i>Willy Sarlée, Public Waste Agency of Flanders (OVAM), Belgium</i>	Chair: <i>Karen Maas, BECO, The Netherlands</i> Co-Chair: <i>Dirk Van Braeckel, Ethibel, Belgium</i>	Chair: <i>Christine Jasch, Institute for Environmental Management and Economics, Austria</i> Co-Chair: <i>Steven Ghysens, Amelior, Belgium</i>	Chair: <i>Cristina Rocha, INETI, Portugal</i> Co-Chair: <i>Kim Christiansen, 2.-0 LCA, Denmark</i>
	Working Groups on Implementing ETAP at National and Regional Level	Key-note speakers: • The role of green procurement for sustainable consumption. <i>Charlotte Leire, International Institute for Industrial Environmental Economics, Lund, Sweden</i>	Key-note speakers: • Sustainable consumption progress: should we be proud or alarmed? <i>Oksana Mont, IIIIEE, Lund University, Sweden</i> and <i>Delft University of Technology, the Netherlands</i> • Social impacts of sustainable innovations: a critical perspective. <i>Pål Strandbakken, National Institute For Consumer Research, Oslo, Norway</i>	Key-note speakers: • <i>Dirk den Ottelander, Thermphos International, the Netherlands</i> • <i>Nancy de Prest, Yara, the Netherlands</i>	Key-note speakers: • Development of Environmental Accounting Systems in Finnish Case Companies between 1996 and 2005, <i>Tuula Pohjola, Helsinki University of Technology, Finland</i> • Integration of Environmental Management Accounting into Company's Environmental Performance Improvement System: Case Study of Lithuanian Industry, <i>Zaneta Stasiskiene, The Institute of Environmental Engineering, Lithuania</i>	Key-note speakers: • Sustainability in Space, <i>Liesl Vanautgaerden, KULeuven, Belgium</i> • How to be Familiar with Local Agenda 21- Initiatives? Some Hypotheses on the Importance of Co-operation and Trust in Switzerland and Other European Countries, <i>Manfred Walser, Universität St. Gallen, Switzerland</i>
	Reporting back and discussion	Working Groups on Green Public Procurement concept and practice	Working Groups on sustainable consumption policy and practice	Working Groups on CSR concept and practice	Working Groups on the added value, pro's and con's and drivers and barriers for application of EMA in SMEs	Working Groups on competences needed by local politicians, technical staff and NGO's
		Reporting back and discussion	Reporting back and discussion	Reporting back and discussion	Reporting back and discussion	Reporting back and discussion

19:30-24:00 **Welcome Dinner - Culinary Carousel combined with Guided Tour through the old City Centre of Antwerp**

Thursday, October 6, 2005

9:00-10:30	Waste Management and Recycling (IES)	Cleaner Production (IES)	Ecodesign (IES)	Business Responses and Policy (IES)	Integrated Product Policy (IES)
	Room Antwerp	Room Mechelen	Room Turnhout	Provincieraadzaal	Room Taxandria
	Chair: <i>Anne Vandeputte, Public Waste Agency of Flanders (OVAM), Belgium</i>	Chair: <i>Thomas Heim, FHHB Basel Insitute for Environmental Technology, Switzerland</i>	Chair: <i>Wouter Ulburghs, Factor 10, Public Waste Agency of Flanders (OVAM), Belgium</i>	Chair: <i>Ronald Wielinga, SenterNovem, The Netherlands</i>	Chair: <i>Hans-Günther Schwarz, Austrian Fed. Ministry of Transport, Innovation & Technology, Austria</i>
	<ul style="list-style-type: none"> • The environmental impact of industrial waste in Flanders - a methodology to delimit policy priorities, <i>Annick Gommers, Resource Analysis NV, Belgium</i> and <i>Anne D'Haese, Public Waste Agency of Flanders (OVAM), Belgium</i> • Resource conservation by extension of life-time of electric and electronic products, <i>Nina Truttmann, Vienna University of Technology, Austria</i> • Working from the front- end: Designing out waste, <i>Diana Gibson, EcoRecycle Victoria, Australia</i> • Cradle to Cradle Design: A Strategy for Eco-Effective Product and System Design, <i>Per Bondesen, Independent consultant of sustainability issues, Norway</i> • Minimising of hazardous waste - trends, methodology and policy instruments, <i>Raimo Lilja, Ecolabel Partnership, Finland</i> 	<ul style="list-style-type: none"> • Renewable resources for new product development: The case of polymers in the Belgian industry, <i>L. Janssens, FUNDP, Belgium</i> • Zero emission stretch targets (ZEST) - a case study of water minimisation in a fine chemicals plant. <i>Orla O'Connor, Clean Technology Centre, Cork Institute of Technology, Ireland</i> • Are the European directives WEEE, RoHS and EuP fostering Cleaner Production among the Chinese industry? <i>Jan B. Andersen, Christian S. Braun and Kasper R. Dirckinck-Holmfeld, Roskilde University, Denmark</i> • Solvent Targeting, Avoidance and Recovery Trials (START) - a case study in solvent minimisation at a manufacturer of active pharmaceutical ingredients. <i>Allen Kealan, Clean Technology Centre, Cork Institute of Technology, Ireland</i> • The Economic advantages of Resource Conservation through Process Modifications in the selected Dairy Industry: a case study for a plant located in Istanbul. <i>Kiran-Ciliz Nilgun, Bogazici University Institute of Environmental Sciences, Turkey</i> 	<ul style="list-style-type: none"> • Developing a national ecodesign initiative in Wales, <i>Simon O'Rafferty, Design Wales, United Kingdom</i> • Imaging Tools and Methods in order to Integrate 3R Strategies in the Early Design Phases, <i>Alexis Gehin, Laboratory 3S, Grenoble, France</i> • Integrating Sustainability in Design Thinking, <i>Aphrodite Korou, Department of Trade and Industry, United Kingdom</i> • Cradle to Cradle Design: A Strategy for Eco-Effective Product and System Design, <i>Andrew Bollinger, EPEA Internationale Umweltforschung, McDonough Braungart Design Chemistry, Germany</i> 	<ul style="list-style-type: none"> • Visible signs of transitions in the Flemish context. <i>Marc van Dyck, Resource Analysis N.V., Belgium</i> • Voluntary Agreements: are they really recognised as positive contributions to SD? <i>Jean-Pierre De Grève, Vinyl 2010, Belgium</i> • Sustainability terms and their definitions. <i>Rebeka Lukman, Faculty of Chemistry and Chemical Engineering, University of Maribor, Slovenia</i> • A Voluntary Industry Government Partnership in Canada: Specialty Graphics Imaging Association Environmental Agreement with Environment Canada. <i>Bradley Cumming, Environment Canada, Canada</i> 	<ul style="list-style-type: none"> • Priorities for Integrated Product Policy. <i>Arnold Tukker, TNO, The Netherlands</i> • Economical Efficiency with Ecological Efficiency: Incorporating Eco-efficiency at SMEs. <i>Ilpo Sakari Penttinen, Turku Polytechnic, Continuing Education and Services, Finland</i> • Towards IPP implementation in Portugal – preliminary studies in the demand and supply side. <i>Paula Trindade, INETI / CENDES, Portugal</i> • Reducing Life Cycle Impacts of four product categories. <i>Karine Thollier, ICEDD, Belgium</i> • Effective samples of the Waste Management Committee. <i>Helmut Leitner, ECVM, Belgium</i>
10:30-11:00	Coffee Break Van Vlasselaer Gallery				
11:00-12:30	IPPC in practice (IES)	Sustainable Energy Systems (IES)		Uptake of SMEs in Future Environmental and Clean Technology Projects (IES)	Business Responses to Sustainable Development (IES)
	Room Antwerp	Room Mechelen		Room Turnhout	Provincieraadzaal
	Chair: <i>Peter Vercaemst, VITO, Belgium</i>	Chair: <i>Dirk De Keukeleere, VITO, Belgium</i>		Chair: <i>Heleen De Wever, VITO, Belgium</i>	Chair: <i>Ander Elgorriaga, IHOBE, Bilbao, Spain</i>
	<ul style="list-style-type: none"> • Evaluation of environmental performance of traditional beet sugar plants by BAT Index using classical and fuzzy set theory. <i>Damjan Krajnc, University of Maribor, Department of Chemistry and Chemical Engineering, Maribor, Slovenia</i> • Distributed avoidance and recovery technologies 	<ul style="list-style-type: none"> • Energy savings in industry by competitive technologies, <i>Christoph Brunner, Joanneum Research, Austria</i> • Hydrogen and it's applications: Review of Life Cycle Assessment studies and Well-to-Wheel studies, <i>Theo Geerken, VITO, Belgium</i> 		<ul style="list-style-type: none"> • Introduction to ETI-project PRODESTS, <i>Heleen De Wever, VITO, Belgium</i> • Road mapping activities within PRODESTS, <i>Harald Egner, Fraunhofer, Germany</i> • Water management: a case-study, <i>M. Mohr, Fraunhofer, Germany</i> 	<ul style="list-style-type: none"> • Pro-active behaviour induction by integration of sustainability in business strategic management – INOVE Project Case Study, <i>Paula Duarte, Centre for Sustainable Business Development (CENDES), Portugal</i> • A New Approach to Liquid Logistics in Discrete

	(DART) - a case study of water minimisation in a manufacturer of active pharmaceutical ingredient. <i>Edwin Brookes, Clean Technology Centre, Cork Institute of Technology, Ireland</i> • Possible Steps to Follow for Filling the Gap between Requirements and the Real Condition in Tanneries. <i>Maria Teodorescu – National R&D for Industrial Ecology, ECOIND, Bucharest, Romania</i>	• Political, socio-economic and technical environments affecting transport energy use in Europe, <i>Thérèse Steenberghen, K.U.Leuven R&D, Belgium</i> • Internalisation of External Costs of Electricity Production in Flanders (Belgium), <i>Leo De Nocker, VITO, Belgium</i> • Sustainable Energy System in Romania, <i>Aneta Stoica, Ministry of Economy and Trade, Romania</i> • Preventing Mercury Emissions from Coal-fired Power Plants Using Environmentally Preferable Coal Purchasing Practices, <i>Mark L Johnson, Lower Colorado River Authority, USA</i>	• Barriers to SME uptake in European projects, <i>A.O. Ogle, Questor Centre, UK</i>	and Service Industries – A Business + Environmental Win, <i>W. Klatch, Olami Inc., Israel</i> • The Sustainability of Steel and the Value in Recycling, <i>Nick Coleman, Corus Research, Development and Technology, Swinden Technology Centre, Rotherham, UK</i> • CO ₂ -compensated products: when and 'what' to compensate, <i>Ernst Vuyk, Ministry of Economic Affairs/SenterNovem, PWC, Triodos Bank, the Netherlands</i> • Dimensions of corporate environmental awareness - gaps and factors behind, <i>A. N. Zsóka, Corvinus University of Budapest, Institute of Environmental Sciences, Hungary</i> • The Cleaner Production Strategy a tool for Sustainability Reporting – the Polish example, <i>Nowak Zygfried, Polish Clenaer Production Society, Poland</i>		
12:30-13:30	Transfer by bus to VITO, Mol	Transfer by bus to VITO, Mol	Transfer by bus to VITO, Mol	Transfer by bus to Camp C, Centre for Sustainable Building, Oosterwijk	Transfer by bus to Eco-centre De Goren, Mol	Transfer by bus to PIME - Provincial Institute for Environmental Education, Lier
13:30-14:15	Walking Lunch	Walking Lunch	Walking Lunch	Walking Lunch	Walking Lunch	Walking Lunch
14:15-15:00	Guided Visit	Guided Visit	Guided Visit	Guided Visit	Guided Visit	Guided Visit
15:00-17:00	IPPC in practice (Workshop)	Sustainable Energy Systems (Workshop)	Uptake of SMEs in Future Environmental and Clean Technology Projects (Workshop)	Sustainable Building (Workshop)	Sustainability Concepts for Events (Workshop)	Lifelong Learning for Sustainability (Workshop)
	Chair: <i>Vladimir Dobes, Czech Energy Management Centre, Czech Republic</i> Co-Chair: <i>Peter Vercaemst, VITO, Belgium</i>	Chair: <i>Hans Schnitzer, Graz University of Technology, Austria</i> Co-Chair: <i>Dirk De Keukeleere, VITO, Belgium</i>	Chair: <i>Harald Egner, Fraunhofer, Germany</i> Co-Chair: <i>Heleen De Wever, VITO, Belgium</i>	Chair: <i>Daniël Verheyen, Centre for Sustainable Building, Belgium</i> Co-Chair: <i>Luc Stijnen, Zonnige Kempen, Belgium</i>	Chair: <i>Willi Sieber, Austrian Institute for Applied Ecology, Austria</i> Co-Chair: <i>Jef Aerts, De Goren, Province of Antwerp, Belgium</i>	Chair: <i>Matthew Lamb, Polymer and Environmental Centre LKT-TGM, Austria</i> Co-Chair: <i>Gike Neels, PIME, Belgium</i>
	Key-note speakers: • The review of the IPPC Directive: overview and perspectives, <i>Alexandre Paquot, DG ENV European Commission</i> • How can the BAT concept contribute to sustainable development? <i>Monika Pribylova, Enviros s.r.o. Czech Republic</i>	Key-note speakers: • Solar heat for industrial processes, <i>Christoph Brunner, Graz University of Technology, Austria</i>	Working Groups on Integration of SMEs in future projects Reporting back and discussion	Key-note speakers: • Energy DSM: Necessity and possibility of segmenting population, <i>G. Wallenborn, Free University of Brussels, Belgium</i> • A better communication for sustainable building, <i>Griffiths Martyn, Centro di Informatione sul PVC, Italy</i> • Development of an 'eco-cost/quality' tool to correct market driven decisions in the building sector, <i>Karen Allacker, KULeuven, Belgium</i>	Introduction: • The development of a sustainable certification system for tourist accomodation services in Flanders, <i>Griet Geudens, Tourist Office for Flanders</i>	Key-note speakers: • An Environmental Awareness Course Design Based on Kolb's Learning Experiential Model and Sauvé's Typologies, <i>Margarita Juárez-Nájera, Universidad Autónoma Metropolitana - Azcapotzalco, Mexico</i>
	Working Groups on IPPC in practice	Working Groups on sustainable/renewable energy in practice		• A better communication for sustainable building, <i>Griffiths Martyn, Centro di Informatione sul PVC, Italy</i> • Development of an 'eco-cost/quality' tool to correct market driven decisions in the building sector, <i>Karen Allacker, KULeuven, Belgium</i>	Key-note speakers: • A survey of sustainability and environmental concepts for events in Europe, <i>Martin Weishäupl and Manfred Koblmüller, Austria</i>	Working Groups on Lifelong Learning in practice
	Reporting back and discussion	Reporting back and discussion		Working Groups on sustainable building in practice	Working Groups on Sustainability of Events	Reporting back and discussion
				Reporting back and discussion	Reporting back and discussion	
17:00-18:00	Return by bus to Antwerp	Return by bus to Antwerp	Return by bus to Antwerp	Return by bus to Antwerp	Return by bus to Antwerp	Return by bus to Antwerp
18:00-20:00	PREPARE Window meeting, followed by a reception	Cocktail sponsored by VINYL 2010				
	Provincieraadzaal + bar	Van Vlasselaer gallery				

Friday, October 7, 2005

9:00-10:30	Business Responses to Sustainability (IES) Room Antwerp Chair: <i>Remi Vanhorebeek, Agfa-Gevaert, Belgium</i> <ul style="list-style-type: none">• Sustainable Technology Benchmarking based on Public Company Information - Including an example of the electricity production sector in the Netherlands, <i>Renate van Drimmelen, Delft University of Technology, Faculty of Technology, Policy and Management, Technology Dynamics & Sustainable Development Group, The Netherlands</i>• System innovation in public infrastructure projects - the role of participation, mediation and stakeholder involvement. <i>Barbara Hammerl, Joanneum Research Institute of Sustainable Techniques and System, Austria</i>• Pragmatic Vision on Energy Transition for Paper Production Chain. <i>Karina Hänninen, Finland</i>• Implementation of Cleaner Production Practices and Service Policy in India. <i>Thomas Dielacher, STENUM Team India, Graz, Austria</i>	Transitions for Radical Changes (IES) Room Mechelen Chair: <i>Hilde Van Dongen and Marie-Carmen Bex, Belgian Federal Science Policy Office, Belgium</i> <ul style="list-style-type: none">• A systems approach towards sustainability. <i>Julio Cardoso, European Commission, Enterprise and Industry General Directorate</i>• On tomorrow's grounds; development of a vision on Flemish agriculture in 2030. <i>Frank Nevens, Stedula, the Flemish Policy Research Centre for Sustainable Agriculture, Ghent, Belgium</i>• Local Strength and Global Reach, <i>Sofie J. A. Helm Pedersen and Line Bech, Roskilde University, Denmark</i>• The climate change challenge and transitions for radical changes in the steel industry. <i>Rynikiewicz, Christophe, LEPII-EPE Département Energies et Politiques de l'Environnement, Grenoble, France</i>• Playing with Hyenas, <i>Jan de Vries, 2ECO, the Netherlands</i>	Product Service Systems (IES) Room Turnhout Chair: <i>An Vercalsteren, VITO, Belgium</i> <ul style="list-style-type: none">• Ecosolutions, <i>Stefan Melnitzky, ARECon, Austria</i>• Typology of Product-Service Systems, <i>Nicolas Maussang, 3S Laboratory, France</i>• Mobility Services: Is the Motor Industry geared up for Car Sharing, <i>Martina Herodes, Institute for European Environmental Policy, UK</i>	Life Cycle Management Systems (IES) Provincieraadzaal Chair: <i>Cristina Rocha, INETI, Portugal</i> <ul style="list-style-type: none">• The Eco-efficiency of reuse centres critically explored. <i>Wim Dewulf, KULeuven, Belgium</i>• Success stories of life cycle thinking in business practice: a case study of Agfa-Gevaert. <i>Carolin Spirinckx, VITO, Belgium</i>• Cleaner product development based on Life Cycle Assessment: Lithuanian Experience. <i>Jurgis Staniskis, Kaunas University of Technology, Lithuania</i>	Sustainable Trade (IES) Room Brabo Chair: <i>Jack Luskin, University of Massachusetts, United States</i> <ul style="list-style-type: none">• UN Marrakech Process on SCP - Sustainable Products Task Force. <i>Chris Baker, Department for Environment, Food and Rural Affairs (Defra), London, UK</i>• USA-Mexico P2Border Network. A Success Story of Environmental Building Capacity among two Nations, <i>Abelardo Jimenez, Mexico-USA</i>• Greener Measures of Global Trade and Investment Flows. <i>Thomas Ruddy, EMPA - Swiss Federal Laboratories for Materials Testing and Research, St. Gallen, Switzerland</i>
10:30-11:00	Coffee Break	Van Vlasselaer Gallery			

11:00-13:00	Business Responses to Sustainability (Workshop)	Transitions for Radical Changes (Workshop)	Product Service Systems (Workshop)	Life Cycle Management Systems (Workshop)	Sustainable Trade (Workshop)	Sustainable Consumption: Opportunities through Global Collaborative Research on Science, Technology and Policy (Workshop)
	<p>Room Antwerp</p> <p>Chair: <i>Raf Bouckaert, Bayer, Belgium</i> Co-Chair: <i>Remi Vanhorebeek, Agfa-Gevaert, Belgium</i></p> <p>Key-note speakers:</p> <ul style="list-style-type: none"> Interactive customer conferences for strategic needs assessment – a starting point to sustainable innovations in industry. <i>Barbara Hammerl, Joanneum Research Institute of Sustainable Techniques and System, Austria</i> Sustainable Development Indicators of the European Aluminium Industry. <i>Kjell Sagen, European Aluminium Association, Belgium</i> <p>Working Groups on Sustainable Business concept and practice</p> <p>Reporting back and discussion</p>	<p>Room Mechelen</p> <p>Chair: <i>René Kemp, MERIT-Maastricht Economic Research Institute on Innovation and Technology, The Netherlands</i> Co-Chairs: <i>Hilde Van Dongen and Marie-Carmen Bex</i></p> <p>Key-note speakers:</p> <ul style="list-style-type: none"> Energy Transitions in the Netherlands, <i>Peter Aubert, Ministry of Economic Affairs, The Netherlands</i> <p>Working Groups on transition management</p> <p>Reporting back and discussion</p>	<p>Room Turnhout</p> <p>Chair: <i>Oksana Mont, IIIIEE, Lund, Sweden</i> Co-Chair: <i>An Vercalsteren, VITO, Belgium</i></p> <p>Key-note speakers:</p> <ul style="list-style-type: none"> Incentives for sustainable product service systems (PSS), <i>Ireen de Nijs, SenterNovem, the Netherlands</i> The Colombian mobile phone sharing service, <i>Diana Centanaro, Universidad Externado de Colombia</i> Sustainable home-service for consumer markets, <i>Jaap Kortman, IVAM, the Netherlands</i> <p>Working Groups on PSS concept and practice</p> <p>Reporting back and discussion</p>	<p>Provincieraadzaal</p> <p>Chair: <i>Kim Christiansen, 2.-0 LCA, Denmark</i> Co-Chair: <i>Cristina Rocha, INETI, Portugal</i></p> <p>Key-note speakers:</p> <ul style="list-style-type: none"> Quantification of sustainable development considering environmental and social impacts within an LCA approach, <i>Bernard De Caemel, RDC, Belgium</i> Agfas practical application of life cycle thinking to modern business practice, <i>Georg Karl, Agfa-Gevaert München, Germany</i> Life Cycle Management in Unilever – Current practise and future directions, <i>Nuno da Silva, Spain</i> <p>Working Groups on Life Cycle Management Systems</p> <p>Reporting back and discussion</p>	<p>Room Brabo</p> <p>Chair: <i>Jack Luskin, University of Massachusetts, United States</i> Co-Chair: <i>Veerle Timmermans, VITO, Belgium</i></p> <p>Key-note speakers:</p> <ul style="list-style-type: none"> The Global Dimensions of Norwegian Household Consumption, <i>Glen P. Peters, Norwegian University of Science and Technology, Trondheim, Norway</i> <p>Working Groups on Sustainable Trade concept and practice</p> <p>Reporting back and discussion</p>	<p>Room Taxandria</p> <p>Chair: <i>Arnold Tukker, TNO, the Netherlands</i> Co-Chair: <i>Han Brezet, Design for Sustainability, TU-Delft</i></p> <p>Introduction by <i>Arnold Tukker</i></p> <p>Working Groups on contents (innovation for sustainable consumption, policy) and process (tools and approaches for global exchange)</p> <p>Reporting back and discussion</p> <p>Reporting back and pannel discussion</p>
13:00-14:00	Walking Lunch		Van Vlasselaer Gallery			
14:30-16:45	Closing Session		Auditorium			
	<ul style="list-style-type: none"> Presentations of the conclusions of explorative workshops Some reflections on the major achievements and future challenges for the erScp, Hans Schnitzer, JOANNEUM RESEARCH, Austria Announcement of 11th erScp, to be organized by the University of Basel in Switzerland, Thomas Heim Best Sustainable Workshop Award of the erScp 2005 Farewell 					
20:00-...	Closing Banquet and Dance Party		Astrid Park Plaza Hotel			

Social Programme

Wednesday, October 5, 2005

Welcome Dinner - Culinary Carousel combined with Guided Tour through the old City Centre of Antwerp

- 19:30 Bus departure from the Astrid Park Plaza Hotel towards Old Antwerp City Centre
- 19:50 Start of the guided tours at the Steenplein
- 20:00 Appetizer at 10 different pubs
- 20:25 Guided Walking Tour through the old City: explanation of the history, topical matters, anecdotes, etc. about the City of Antwerp.
- 21:00 First Course at four locations: House De Colvenier, Dock's Café, Chez Fl'Eau, De Zuilen
- 21:30 Continuation of Guided Walking Tour through the old City
- 22:00 Main Course at four locations: House De Colvenier, Dock's Café, Chez Fl'Eau, De Zuilen
- 22:30 Continuation of Guided Walking Tour through the old City
- 23:00 Dessert in Horta
- 24:00 Return to Astrid Park Plaza Hotel by city bus or tram (using free 3-day-ticket)

Friday, October 7, 2005

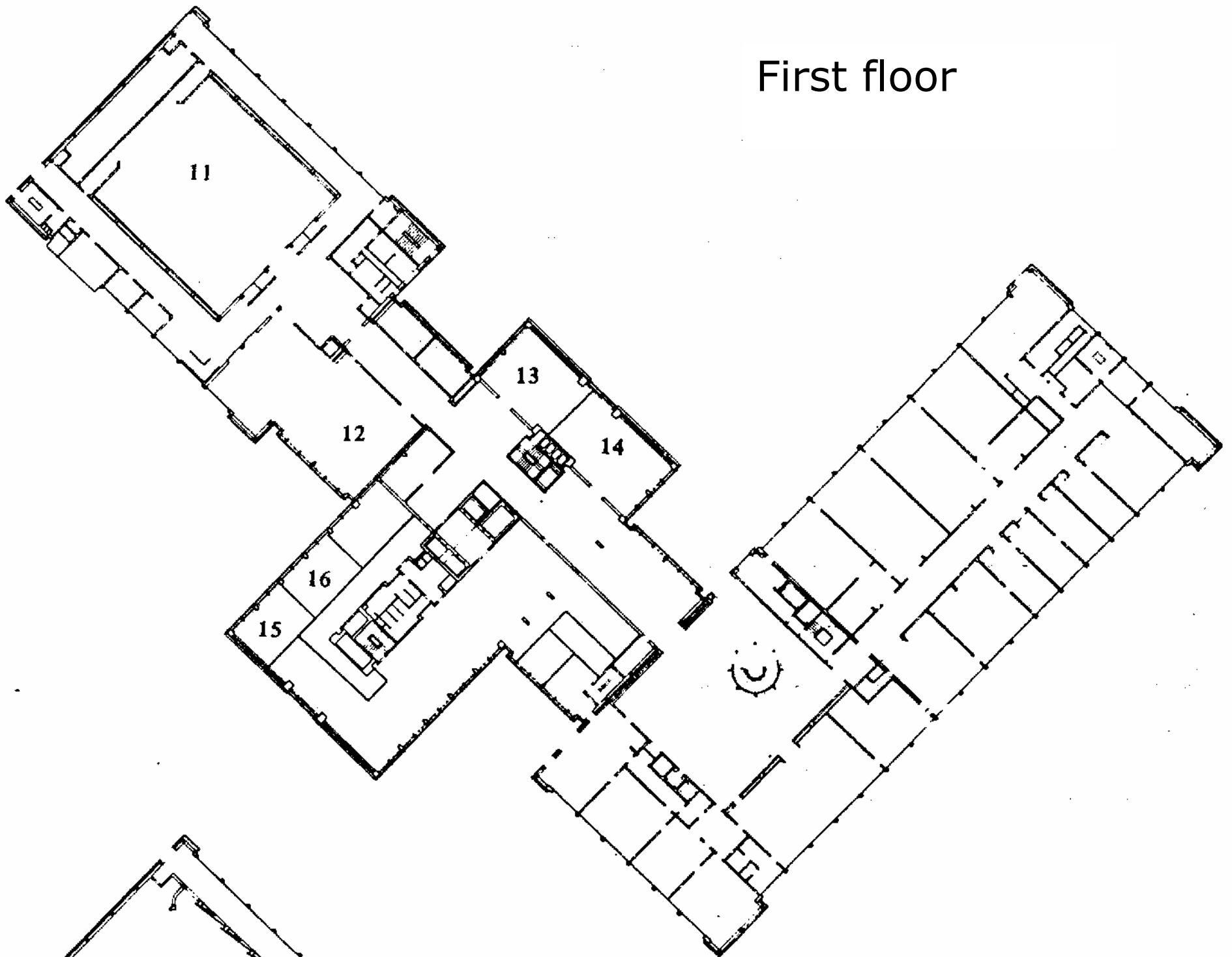
Closing Banquet

- 20.00 Closing Banquet and Dance Party, Astrid Park Plaza Hotel

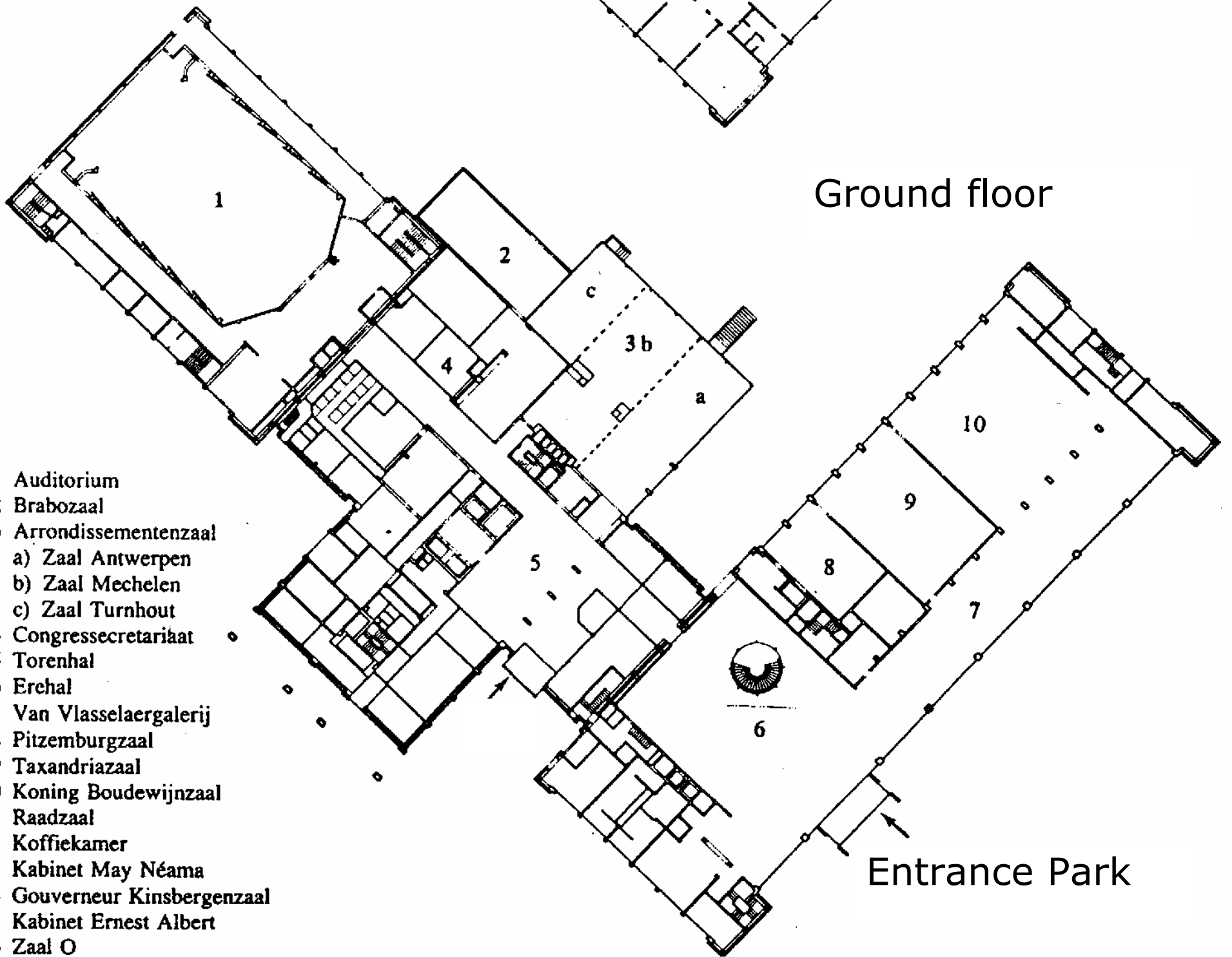
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First floor



Ground floor



- 1 Auditorium
- 2 Brabozaal
- 3 Arrondissementenzaal
 - a) Zaal Antwerpen
 - b) Zaal Mechelen
 - c) Zaal Turnhout
- 4 Congressecretariaat
- 5 Torenhal
- 6 Erchal
- 7 Van Vlasselaergalerij
- 8 Pitzemburgzaal
- 9 Taxandriazaal
- 10 Koning Boudewijnzaal
- 11 Raadzaal
- 12 Koffiekamer
- 13 Kabinet May Néama
- 14 Gouverneur Kinsbergenzaal
- 15 Kabinet Ernest Albert
- 16 Zaal O

Entrance Park

