

INVITATION
The 1st information about the 4th annual conference

Enviro-management 2010
Landfills in Europe & Waste Management

12. – 14. October 2010
Hotel Patria, Štrbské Pleso, High Tatra, Slovakia

Dear colleagues,

We are taking this opportunity to inform you about next annual experts' conference Enviro-management 2010, which will, traditionally, take place in autumn in High Tatra in Slovakia.

- **Landfills and waste storage in Europe**
- **Life Cycle Analysis of Waste**
- **Mechanical and Biological Treatment of Waste & Fuels from waste**

were chosen to be the main themes of discussion for 2010.

We are aware of the fact that this is a wide and often controversial theme. That is why we think it is important to create space for in depth discussion among experts. Only through open exchange of experiences we can find suitable solutions.

We would be pleased to welcome you at the conference and give you opportunity to acquaint with actual findings and to share knowledge with participating experts and other conferees and guests.

We believe that meeting with your colleagues and partners will inspire you and help you solve your own professional tasks and duties.

We look forward to meeting with you.

Yours faithfully,



Gabriela Stuchlá
Conference coordinator

Program Committee

*Prof. Dr. Dr. h.c. (mult.)
Walter Leal*

Ing. Christof Delatter

RNDr. Ján Čapó

Senior Professor & Head of the Research and Transfer Centre “Applications of Life Sciences” • Hamburg University of Applied Sciences • Hamburg, Germany
Coordinator Interafval • Association of Flemish Cities and Municipalities • Brussels, Belgium
independent expert & consultant • Žilina, Slovakia

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www.ask-eu.com



Emerald - Management of Environmental Quality: An International Journal
www.emeraldinsight.com

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At the conference you will meet with

Mayors and elected representatives of municipalities, cities and regions with responsibilities for:

- waste management,
- construction and operation of waste management systems,
- financing of waste collection and disposal programs,
- selection and approval of waste disposal projects.

Representatives of state and public administration with responsibilities for:

- development of waste management strategies and plans;
- preparation of national legal norms according to EU directives;
- inspection and monitoring of legislative norms dealing with waste processing and disposal;
- environmental impact assessment;
- financing and support of projects and investments focusing on area of environment protection.

Technical management and operators of landfills and operations for waste recovery

Representatives of academic sector and wider experts' public, research and development workers and independent experts specialized on the area of environment and its protection.

Suppliers of technologies and systems for waste disposal and recycling.

Presentation and Advertisement of Conference Partners

Several opportunities for commercial and technical presentation during the conference as well as during its preparation are prepared for those interested in partnership cooperation.

Basic forms of presentation and advertisement of partners, depending on the extent of cooperation, are:

- presentation during the conference program (prime time),
- special address to the participants of the conference and opening of the conference,
- presentation of partners and expression of thanks for their support of the conference at the opening of the evening gala (reception),
- presentation of toast during the evening gala (reception),
- presentation of the logo on official invitation and in the publication of conference papers,
- naming of partners in official conference materials and in public statements,
- presentation of logo in the conference rooms or on the main stage of the conference,
- presentation of logo on the conference web page and presentation of the link to the web page of the partner,
- poster/exhibition panel,
- in-door presentation space during the conference,
- advertisement materials for participants of the conference,
- free or reduced conference fee for representatives of the partner or his/her VIP guests,
- moderating selected section in the experts' program,
- advertisement in the publication of conference papers,
- advertisement on the PDF invitation to the conference.

Detailed information about conditions of partnership cooperation will be provided upon request by the conference organizer.

Exchange of Technologies

An exchange among waste processing operators and producers of environmental technologies will be part of the conference as well.

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Preliminary Program

Waste management policy

- * **Inefficient or not correctly enforced? Municipal solid waste management policies and problems in Naples**
Stefania Romano - Head of the Italian Trust Fund • The Regional Environmental Center for Central and Eastern Europe, Hungary
- * **Economical and environmental comparison of different collection and treatment of municipal solid waste according to life cycle assessment**
Zsolt, István - Head of Department • Bay Zoltan Foundation for Applied Research, Hungary
- * **Environmental impact of landfilling in Czech Republic assessed using LCA method**
doc. Ing. Vladimír Kočí, Ph.D. - Prague Institute of Chemical Technology, Dept. of Environmental Chemistry • Prague, Czech Republic
- * **The potential of existing capacities for waste management in new EU member states - Pretreatment of Municipal solid waste and its utilization in the cement industry**
Mag. Christian Abl - Exucutive Head • ecorec Slovensko s.r.o • Pezinok, Slovakia
- * **Sustainable re-use of closed landfills in the EU**
Herbert Kers - NV AFVALZORG • Assendelft, The Netherlands
- * **Recovery of obsolete municipal solid waste ladfills based on the combination of in-situ stabilisation and ex situ treatment in Hungary**
Peter Chrabak - Research fellow • Bay Zoltan Foundation for Applied Research, Hungary
- * **Diverting biological waste from landfills**
Mr. Christof Delatter - Coordinator Interafval • Association of Flemish Cities and Municipalities • Brussels, Belgium
- * **(Municipal waste management in Czech Republic)**
MVDr. Jiří Neužil - Managing Director • Remit s.r.o. • Šternberk, Czech Republic

*Time schedule will be specified.
The organizer reserves the right to change the program.*

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Preliminary Program

Legislation

- * **Waste acceptance criteria under existing legislation and practices in south east Europe**
Costas Raptis, Th. Lolos, Ch. Tsompanidis, G. Lolos & G. Tavoularis - ENVIROPLAN Consultants & Engineers S.A. • Maroussi, Greece
- * **Impact of design solutions for bottom and cover landfill sealing system on the ease of works execution**
Vedrana Lovinčić, B.Sc.Ch.E. & Andreas Stanić, B.Sc.Civ.E. - EURCO d.d. • Vinkovci, Croatia
- * **Energetic use of waste and EIA process**
Ing. Jiří Klicpera CSc. - Senior Consultant • Enviros s.r.o. • Prague, Czech Republic

Case studies

- * **Closing down Pääsküla landfill**
Jana Kivimägi, MSc in Natural Sciences - Head of the Waste Management Division, Tallinn City Government, Environment Department • Tallinn City Government Environment Department, Waste Management Division • Tallinn, Estonia
- * **Landfill construction, documentations, leachate, recycle, transition from old landfilling to modern landfilling**
BSc Ms Jessica Bemerholt - Local manager of Hedeskoga Waste Facility • SYSAV • Malmö, Sweden
MSc Mrs Clara Mansfield - Environmental Engineer • SYSAV • Malmö, Sweden
- * **Practical experiences about operation of landfill form AVE Group in Slovakia and abroad**
Ing. Jozef Kvokačka - AVE – V.O.D.S. odpadové hospodárstvo a.s. • Košice, Slovakia
- * **Groundwater risk evaluation of several landfill sites in the Province of Vicenza (Veneto Region, Northern Italy)**
Valentina Accoto - Sinergeo Srl • Vicenza, Italy
- * **Monitoring of Landfill gas in the industrial production zone**
Ing. Jiří Klicpera CSc. - Senior Consultant • Enviros s.r.o. • Prague, Czech Republic
- * **International cooperation in waste landfill sanitation on the Philippines**
Ing. Jan Pavlík - Senior Consultant • Enviros s.r.o. • Prague, Czech Republic
Ing. Jiří Klicpera CSc. - Senior Consultant • Enviros s.r.o. • Prague, Czech Republic
- * **Case study – work experience and regular operation**
Ing. Radim Beňovič - Ostrava - Branch Manager • van Gansewinkel, a.s. • Modřice, Czech republic

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Technological presentations

- * **Waste as a construction material for the enlargement and growth of landfills: Considerations and evaluation of “soil reinforced structures using waste”**
RNDr. Branislav Prelovský - Technical manager • EUROGABIONS s.r.o. (Maccaferri Central Europe) • Brezová pod Bradlom, Slovakia
- * **VM PRESS - A new revolutionary and commercialized technology for separating wastes containing food and garden organics**
Karl Dirkes – db technologies bv • Schalkhaar, The Netherlands
Ing. Pavel Murčo – Sales representative CZ & SK • Trutnov, Czech Republic
- * **The influence of the size and orientation of the waste module on the level of underground hydrosphere contamination**
Mgr. Slávka Prváková, PhD. - Head of the Department of applied informatics and computer techniques, at the Faculty of National Economy • University of Economics in Bratislava • Bratislava, Slovakia
Dr. Pavel V. Amosov - Senior research associate • Mining Institute of Kola Science Centre of Russian Academy of Sciences • Apatity, Murmanskaja oblast', Russia
Natal'ya Novozhilova - Junior research associate • Mining Institute of Kola Science Centre of Russian Academy of Sciences • Apatity, Murmansk Region, Russia
- * **Assessment of biotreatability of mature municipal landfill leachate**
Dr. Andreja Žgajnar Gotvajn - Assistant professor, Chair of Chemical, Biochemical and Environmental Engineering • University of Ljubljana, Faculty of Chemistry and Chemical Technology • Ljubljana, Slovenia
- * **Seasonal variations in municipal landfill leachate quality**
Ing. Gabriela Kalčíková - Student Ph.D. • Institute of Chemistry and Technology of Environmental protection, Brno University of Technology, Faculty of Chemistry • Brno, Czech Republic
- * **Application of electronic noises in the evaluation of efficiency of neutralizing products for odour abatement in a landfill**
Ing. Silvia Rivilli - technical supervisor of LOD srl • LOD srl. • Udine, Italy
- * **Diffused landfill gas emission monitoring and different types of cover**
A. Corti - Dipartimento di Ingegneria dell'Informazione – Università degli Studi di Siena • Siena, Italy
I. Pecorini - DE, Dipartimento di Energetica “Sergio Stecco” – Università degli Studi di Firenze • Firenze, Italy
- * **Anaerobic UASB reactor as brewery waste water treatment plant**
Ing. Jiří Klicpera CSc. - Senior Consultant • Enviros s.r.o. • Prague, Czech Republic
- * **Waste energetic use on the Philippines**
Ing. Jiří Klicpera CSc. - Senior Consultant • Enviros s.r.o. • Prague, Czech Republic
- * **Caterpillar Waste Handling Machines- The complex offer of service**
Ing. Vladimír Janík - Phoenix Zeppelin, spol s r.o. • Banská Bystrica, Slovakia
- * **The utilization of RDF as alternative reducing agent in the steel industry - status & outlook**
Klaus Vartzbed - Projektassistent / Project Assistant • SiCon GmbH • Hilchenbach, Germany

*Time schedule will be specified.
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Landfills in Europe & Waste Management

Organizer

NMC spol. s r.o. / NMC Ltd.
Makovického 10 • 010 01 Žilina, Slovakia



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The company registered in: Commercial Register of Regional Court, Žilina, Slovak Republic,
Section: Sro, Insertion No: 2953/L

Time Schedule

Participants' registration	October 12, 2010	8:00 – 10:00
Program	October 12, 2010	10:00 – 15:00
	October 13, 2010	9:00 – 15:00
	October 14, 2010	9:00 – 12:00
Galanight	October 12, 2010	19:00 Formal meeting of participants and lecturers

Conference languages Simultaneous Translation

Slovak, Czech, English
Slovak / Czech to English & English to Slovak

Venue

Hotel Patria****
Štrbské Pleso, High Tatra, Slovakia

Conference Fee

	Reduced fee if paid until June 17, 2010	Fee if paid between June 18 – Sept. 26, 2010	Fee if paid from September 27
Lecturer	210,- €	210,- €	210,- €
Basic	350,- €	420,- €	500,- €
Public administration	300,- €	370,- €	450,- €
Accompanying person	120,- €	170,- €	220,- €

All prices indicated are 19% VAT excluded. Place of service delivery – Slovak Republic.

The conference fee should be paid using the pro forma invoice that will be sent in reply to the registration of application. The final invoice will be issued to the date when the fee will be covered.

The conference fee covers admittance to the conference, work materials, coffee, business lunch, formal program. The lodging and travelling costs are not included in the conference fee.

In the case of absence the conference fee is non refundable. The work materials will be mailed. It is possible to send out a substitute.

Accompanying person

An accompanying person is not a participant of the official experts' program of the conference.

An accompanying person is allowed to participate in the auxiliary program. Catering will be provided through the duration of the conference.

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Registration of applications

Send your application to the address of the organizer through email, fax or letter.

The registration of your application will be confirmed in reply with the pro forma invoice of the conference fee.

Accommodation

Hotel Patria ****
Štrbské Pleso
Slovakia

1-bed room	56,- € / night
2-bed room (double)	75,- € / night
Apartment	93,- € / night

Prices are VAT included.

Phone: +421 52 449 25 91-5
Fax: +421 52 449 25 90

repcia@hotelpatria.sk
www.hotelpatria.sk

Accommodation reservation is to be done through the conference organizer.

Please label the requested accommodation reservation in the application form.

Accommodation is paid in cash at the hotel desk.

The cost includes accommodation, breakfast, local tax, car parking, swimming bath & fitness entry. The price is with VAT included.

The accommodation capacity is limited and will be assigned on first come first serve basis. The assignment will be made according to the registration date of your application.

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Transport	The Hotel Patria in Štrbské Pleso, High Tatras lies in high mountain surroundings. It can be reached by road from Poprad, via Starý Smokovec or via the village of Štrba.																
Car	To use the motorways you need a valid motorway fee stickers displayed in your windscreen. The traffic regulations in Slovakia require headlights to be used all year round.																
Recommended routes	<ul style="list-style-type: none">• Vienna – Bratislava – Žilina – Ružomberok – Štrba – Štrbské Pleso• Prague – Brno – Uherský Brod – Trenčín – Žilina – Ružomberok – Štrba – Štrbské Pleso• Budapest – Balassagyarmat – Veľký Krtíš – Zvolen – Banská Bystrica – Ružomberok – Štrba – Štrbské Pleso• Warsaw – Kraków – Nowy Targ – Ždiar – Tatranská Lomnica – Štrbské Pleso																
Motorway fees for 2010 (up to 3,5 t)	<i>annual</i> - 36,50 € <i>monthly</i> - 9,90 € <i>weekly</i> - 4,90 € <i>daily</i> –Not offered (it is necessary to purchase at least 1 week)																
Maximum speed Alcohol	Built-up areas: 50 kph Single carriageways: 90 kph Motorways: 130 kph 0,00 promile																
Train	The railway station is located right in the village of Štrbské Pleso, 20 minutes from Hotel Patria. Transfer stations for international train connections are “Poprad-Tatry” and “Štrba”.																
Distances of selected cities	<table><tr><td>Brussels:</td><td>22:30 – 25:00 hours</td><td>Bucharest:</td><td>21:00 – 30:30 hours</td></tr><tr><td>Budapest:</td><td>5:30 – 11:30 hours</td><td>Moscow:</td><td>27:30 – 32:30 hours</td></tr><tr><td>Prague:</td><td>7:00 – 9:00 hours</td><td>Sofia:</td><td>25:30 – 39:30 hours</td></tr><tr><td>Vienna:</td><td>6:30 – 7:30 hours</td><td>Warsaw:</td><td>8:30 – 10:30 hours</td></tr></table>	Brussels:	22:30 – 25:00 hours	Bucharest:	21:00 – 30:30 hours	Budapest:	5:30 – 11:30 hours	Moscow:	27:30 – 32:30 hours	Prague:	7:00 – 9:00 hours	Sofia:	25:30 – 39:30 hours	Vienna:	6:30 – 7:30 hours	Warsaw:	8:30 – 10:30 hours
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Vienna:	6:30 – 7:30 hours	Warsaw:	8:30 – 10:30 hours														
Airports	International: Bratislava, Slovakia Vienna (Schwechat), Austria Local: Poprad, Slovakia Košice, Slovakia																
BUS-Transfer from / to Vienna(Schwechat)	In case of sufficient interest a one time bus transfer from Vienna Airport Schwechat to Hotel Patria, Štrbské Pleso will be organized. (aprox. 400 km / 5 hours.) Departure from Vienna Airport Schwechat - October 11, 2010 Departure from Hotel Patria , Štrbské Pleso – October 14, 2010 Departure times and prices will be announced later depending on the number of interested participants.																

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Thematic focus of the conference:

A	<ul style="list-style-type: none">• Landfills in Europe – experience with waste disposal through waste storage
A-1	<ul style="list-style-type: none">• Municipality and region in relation to owners and operators of landfills and centers of energy and material waste recovery.• Landfill as part of the municipal and regional waste management system.• Placement and size of landfill as a factor influencing effective waste collection, recovery and disposal.• Economics of landfill operation.
A-2	<ul style="list-style-type: none">• Missing storage capacities.• Possibilities of landfill life prolongation.• Alternative solutions.
A-3	<ul style="list-style-type: none">• Landfill as energy and secondary raw materials source.• Connection between landfill and centers of energy and material waste recovery.
A-4	<ul style="list-style-type: none">• Volume and toxicity reduction of disposed waste.• Environmental security and monitoring of landfill.• Sanitation and re-cultivation of landfills – Best Practices, financing
A-5	<ul style="list-style-type: none">• National and European legislation in the area of waste management, landfills, waste disposal and waste recovery.• Financial aid and structural funds oriented on financing of waste management.
B	<ul style="list-style-type: none">• Life cycle and life cycle analysis of waste.
C	<ul style="list-style-type: none">• Mechanical and biological treatment of waste<ul style="list-style-type: none"><i>Material and energy waste recovery instrument</i><i>EU directives and national legislation and norms</i><i>Present and prospective situation</i><i>Mechanical and biological treatment of waste operations, their economics and effectivity</i><i>Mechanical and biological treatment of waste technologies</i><i>Completed projects</i><i>Fractions and their use</i>• Fuels from waste (Refuse Derived Fuel - RDF)<ul style="list-style-type: none"><i>Production, use and quality of fuel from waste</i><i>Practical experiences</i><i>Development and functioning of RDF market</i>